

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101920\
 Data File : VX018960.D
 Acq On : 19 Oct 2020 18:22
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:52:07 PM

Quant Time: Oct 19 18:44:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 17:59:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	110095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	183690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	171664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	94369	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	199312	132.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	264.74%	
35) Dibromofluoromethane	5.46	113	184820	151.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.74%	
50) Toluene-d8	8.70	98	693613	151.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.20%	
62) 4-Bromofluorobenzene	11.12	95	259734	146.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148163	116.197	ug/l	98
3) Chloromethane	1.31	50	146208	107.392	ug/l	97
4) Vinyl Chloride	1.39	62	196349	138.574	ug/l	98
5) Bromomethane	1.62	94	127329	161.032	ug/l	98
6) Chloroethane	1.69	64	143302	177.558	ug/l	100
7) Trichlorofluoromethane	1.90	101	332861	165.495	ug/l	96
8) Diethyl Ether	2.17	74	131691	186.100	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	179073	163.547	ug/l	99
10) Methyl Iodide	2.48	142	209665	205.606	ug/l	97
11) Tert butyl alcohol	3.04	59	227636	747.589	ug/l	99
12) 1,1-Dichloroethene	2.35	96	193099	169.009	ug/l	97
13) Acrolein	2.28	56	152691	1077.197	ug/l	99
14) Allyl chloride	2.70	41	226806	120.729	ug/l	97
15) Acrylonitrile	3.12	53	423244	636.788	ug/l	99
16) Acetone	2.43	43	354579	599.764	ug/l	98
17) Carbon Disulfide	2.54	76	452594	138.894	ug/l	98
18) Methyl Acetate	2.75	43	186748	131.295	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	525968	142.648	ug/l	99
20) Methylene Chloride	2.83	84	182526	135.559	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	195185	160.856	ug/l	95
22) Diisopropyl ether	3.83	45	436784	117.546	ug/l	97
23) Vinyl Acetate	3.79	43	2146987	642.645	ug/l	97
24) 1,1-Dichloroethane	3.67	63	307313	141.079	ug/l	98
25) 2-Butanone	4.64	43	600449	621.060	ug/l	98
26) 2,2-Dichloropropane	4.55	77	286355	157.060	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	220563	156.605	ug/l	97
28) Bromochloromethane	4.98	49	128797	124.308	ug/l	87
29) Tetrahydrofuran	5.09	42	351758	579.725	ug/l	97
30) Chloroform	5.18	83	335484	147.287	ug/l	100
31) Cyclohexane	5.54	56	240459	132.313	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	310148	148.372	ug/l	98
36) 1,1-Dichloropropene	5.77	75	252878	149.469	ug/l	98
37) Ethyl Acetate	4.80	43	236310	123.190	ug/l	98
38) Carbon Tetrachloride	5.75	117	279861	148.297	ug/l	96

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 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICC150

Manual Integrations
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Quant Time: Oct 19 18:44:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 17:59:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	280833	151.984	ug/l	96
40) Benzene	6.11	78	747371	149.598	ug/l	100
41) Methacrylonitrile	5.01	41	125103	119.417	ug/l	98
42) 1,2-Dichloroethane	6.16	62	246896	131.111	ug/l	98
43) Isopropyl Acetate	6.42	43	386013	124.603	ug/l	98
44) Trichloroethene	7.19	130	217363	155.718	ug/l	93
45) 1,2-Dichloropropane	7.49	63	180578	136.856	ug/l	99
46) Dibromomethane	7.63	93	134633	143.672	ug/l	91
47) Bromodichloromethane	7.88	83	270438	144.928	ug/l	99
48) Methyl methacrylate	7.75	41	181622	118.937	ug/l	97
49) 1,4-Dioxane	7.72	88	92218	3231.355	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1179826	620.878	ug/l	99
52) Toluene	8.77	92	497606	156.213	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	309087	148.371	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	324654	147.449	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	198082	147.630	ug/l	98
56) Ethyl methacrylate	9.16	69	303403	151.867	ug/l	97
57) 1,3-Dichloropropane	9.35	76	318713	144.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	775651	838.448	ug/l	96
59) 2-Hexanone	9.48	43	918343	637.206	ug/l	98
60) Dibromochloromethane	9.57	129	233491	149.364	ug/l	98
61) 1,2-Dibromoethane	9.65	107	218190	149.767	ug/l	100
64) Tetrachloroethene	9.32	164	185362	148.448	ug/l	97
65) Chlorobenzene	10.12	112	546750	158.784	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	210183	156.581	ug/l	99
67) Ethyl Benzene	10.24	91	936779	159.788	ug/l	97
68) m/p-Xylenes	10.34	106	753583	342.807	ug/l	99
69) o-Xylene	10.68	106	361444	168.940	ug/l	100
70) Styrene	10.70	104	625071	172.632	ug/l	99
71) Bromoform	10.84	173	193422	169.692	ug/l #	98
73) Isopropylbenzene	11.00	105	946214	151.931	ug/l	100
74) N-amyl acetate	10.88	43	341419	121.535	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	309869	141.391	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	274030m	132.094	ug/l	
77) Bromobenzene	11.24	156	259827	152.365	ug/l	90
78) n-propylbenzene	11.34	91	1078242	152.241	ug/l	99
79) 2-Chlorotoluene	11.40	91	627075	144.510	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	823443	160.279	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	117564	151.114	ug/l	98
82) 4-Chlorotoluene	11.49	91	764497	147.951	ug/l	99
83) tert-Butylbenzene	11.76	119	826816	162.077	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	818419	155.943	ug/l	96
85) sec-Butylbenzene	11.93	105	945357	162.515	ug/l	99
86) p-Isopropyltoluene	12.05	119	893346	167.965	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	459801	151.918	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	475565	156.001	ug/l	99
89) n-Butylbenzene	12.37	91	810268	166.177	ug/l	99
90) Hexachloroethane	12.58	117	152533	149.555	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	452825	158.399	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	74161	136.834	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

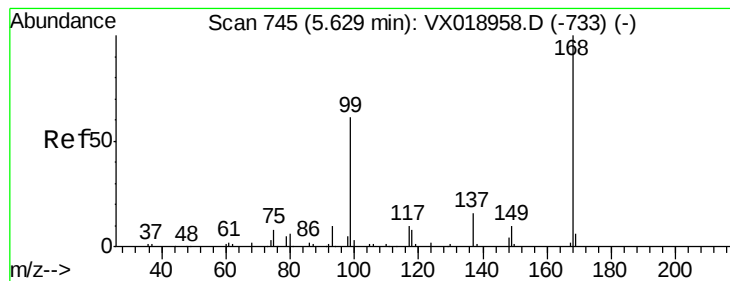
Manual Integrations
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10/20/2020 4:52:07 PM

Quant Time: Oct 19 18:44:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 17:59:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	334369	175.376	ug/l	97
94) Hexachlorobutadiene	13.77	225	137133	180.001	ug/l	99
95) Naphthalene	13.82	128	1084754	171.742	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	323285	171.265	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 110095

Ion Ratio Lower Upper

168 100

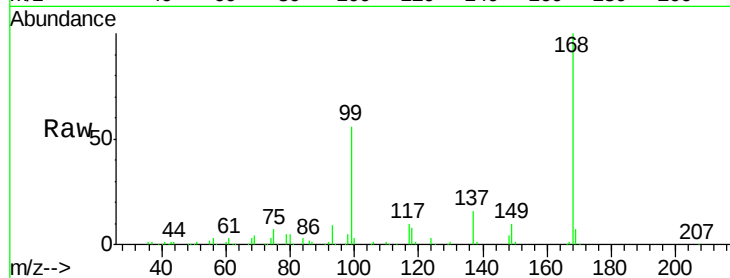
99 56.3 48.5 72.7

Manual Integrations

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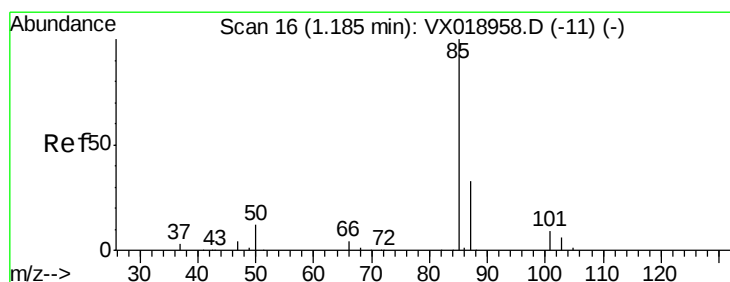
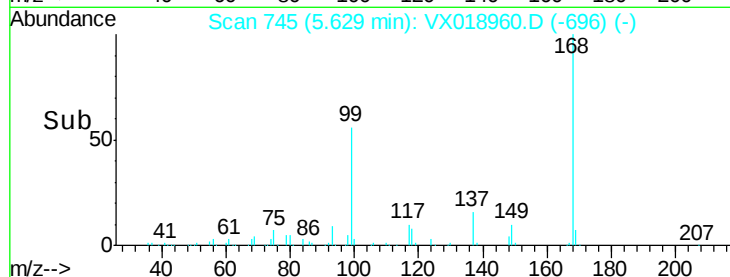
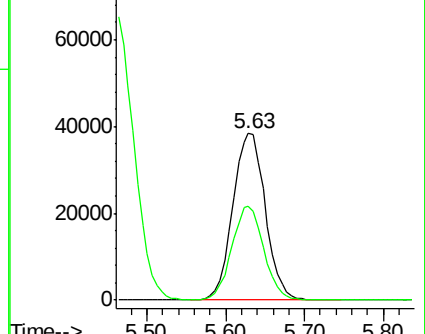
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 116.197 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018960.D

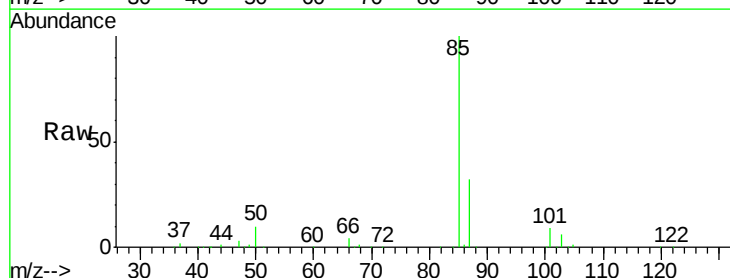
Acq: 19 Oct 2020 18:22

Tgt Ion: 85 Resp: 148163

Ion Ratio Lower Upper

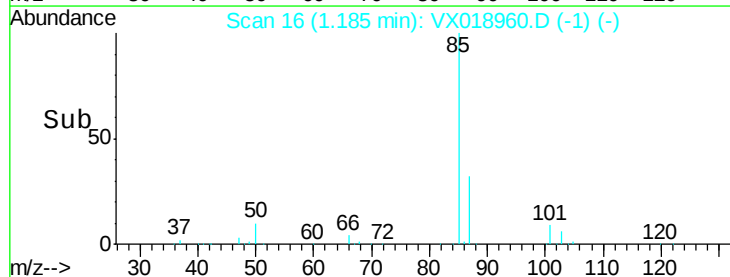
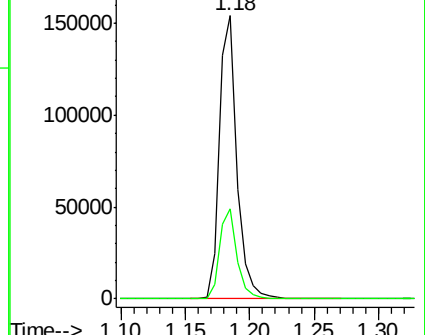
85 100

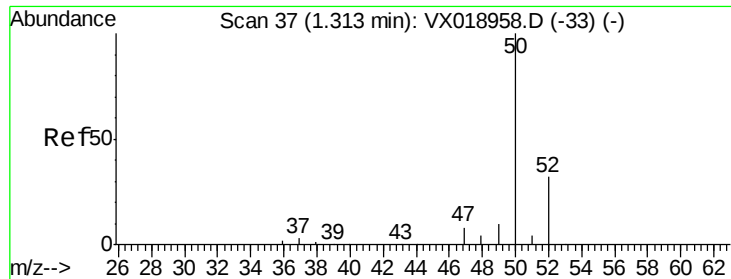
87 31.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 107.392 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 146208

Ion Ratio Lower Upper

50 100

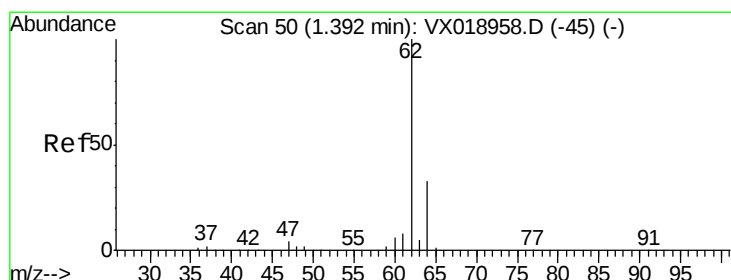
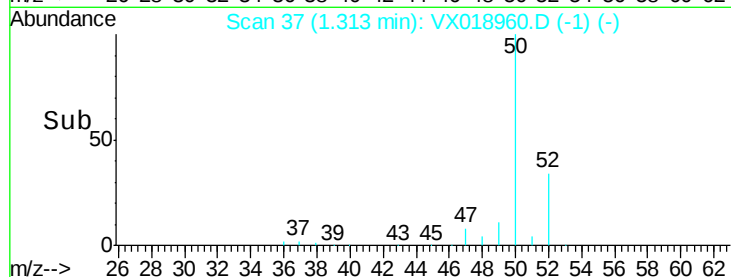
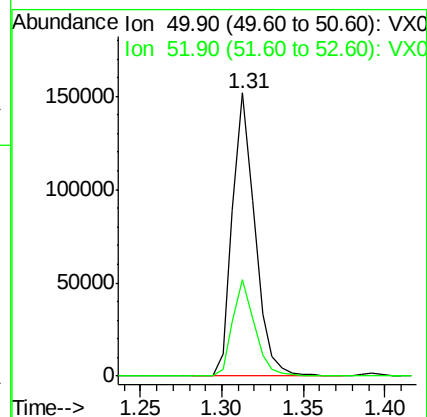
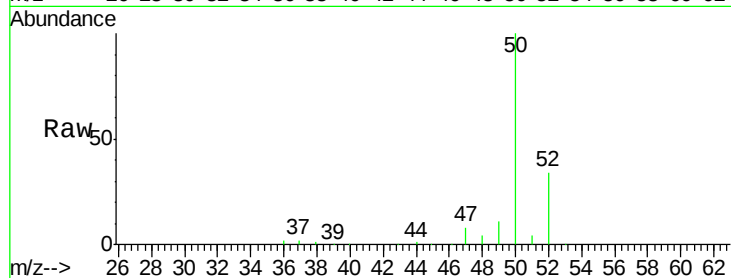
52 34.2 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 138.574 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018960.D

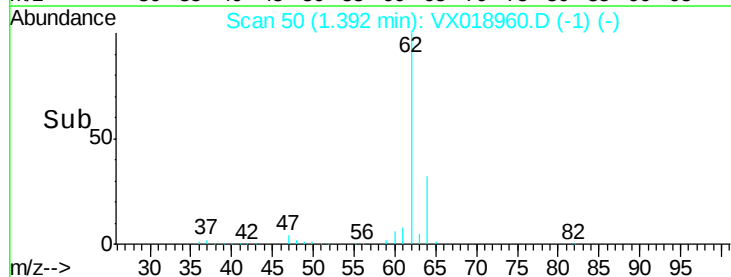
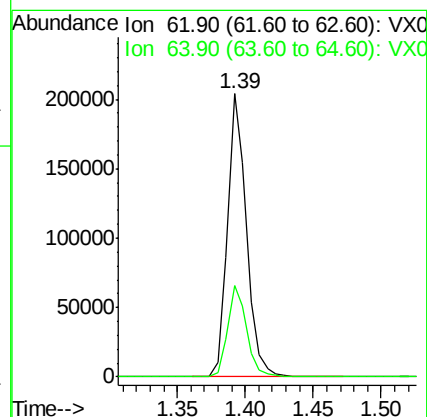
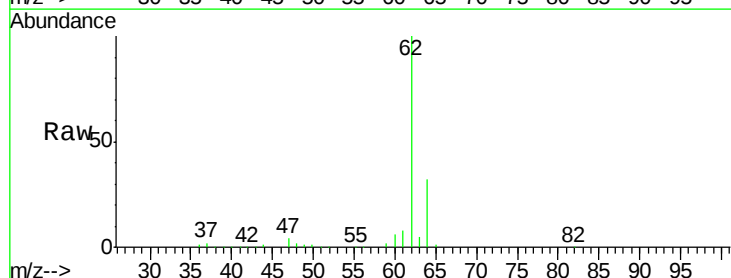
Acq: 19 Oct 2020 18:22

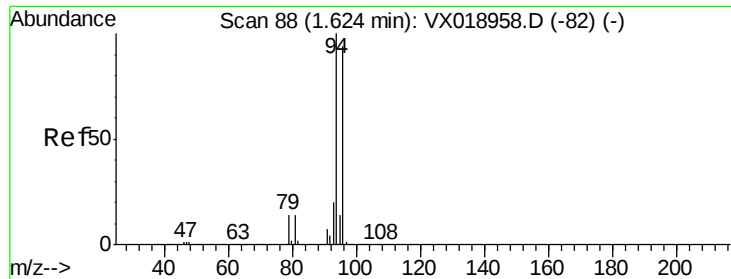
Tgt Ion: 62 Resp: 196349

Ion Ratio Lower Upper

62 100

64 32.2 26.7 40.1





#5

Bromomethane

Concen: 161.032 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 127329

Ion Ratio Lower Upper

94 100

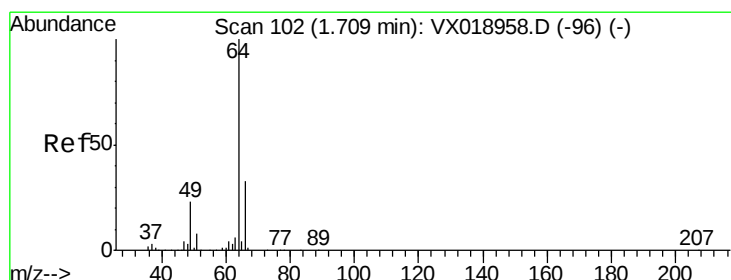
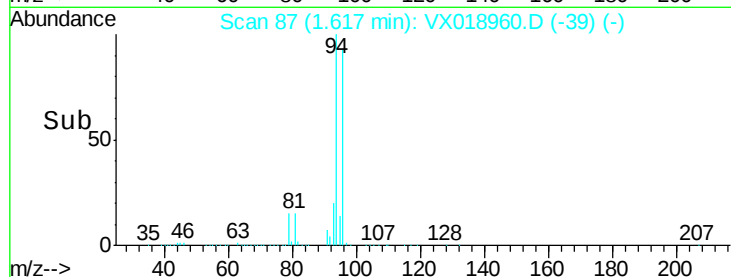
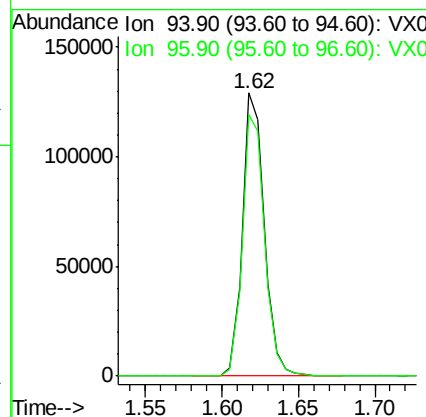
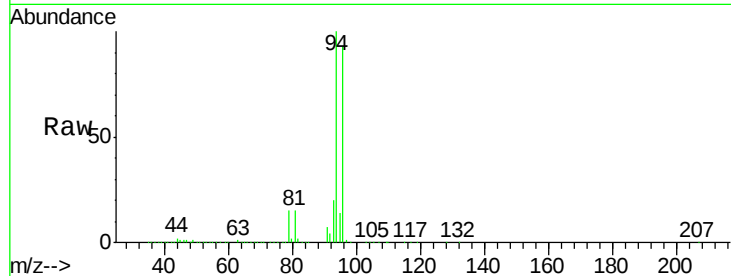
96 92.5 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 177.558 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX018960.D

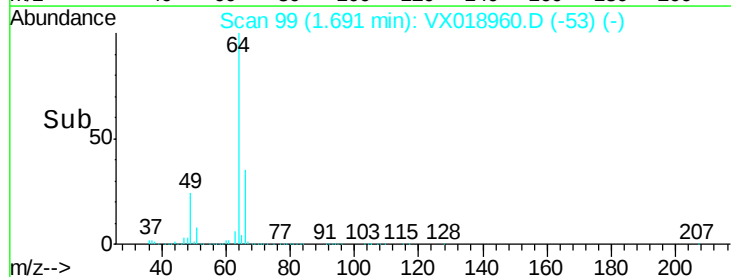
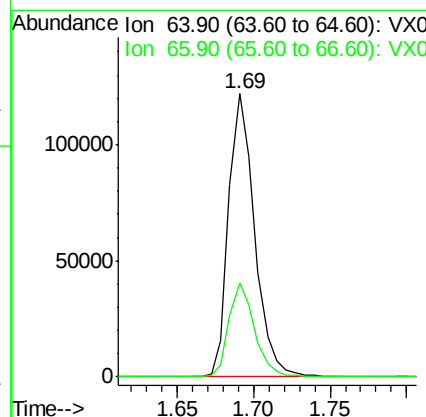
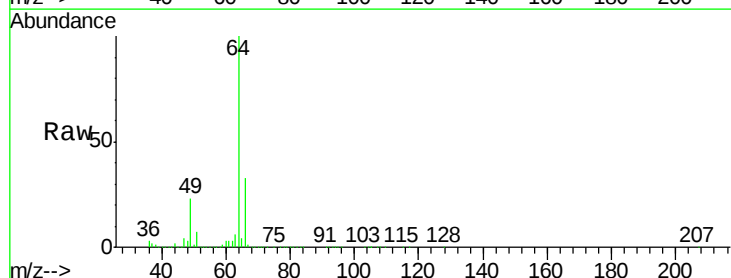
Acq: 19 Oct 2020 18:22

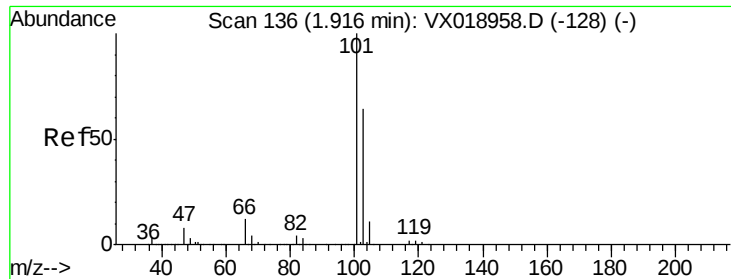
Tgt Ion: 64 Resp: 143302

Ion Ratio Lower Upper

64 100

66 33.1 26.7 40.1





#7

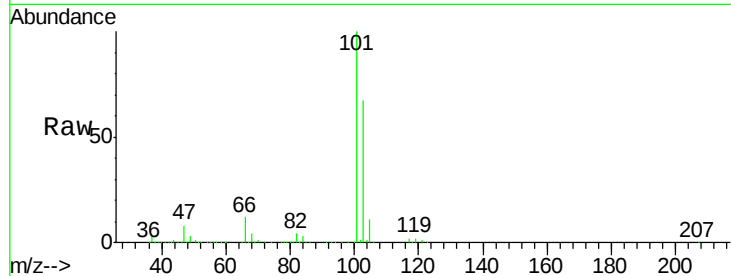
Trichlorofluoromethane
Concen: 165.495 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

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MSVOA_X
ClientSampleId :
VSTDIC150

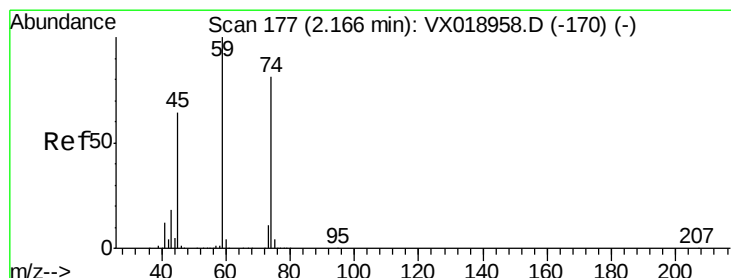
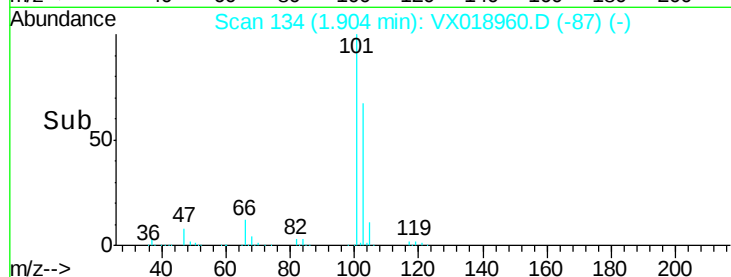
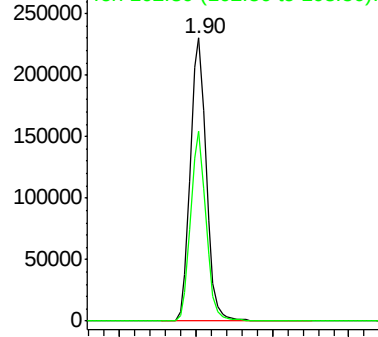
Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	51.3	76.9

Manual Integrations
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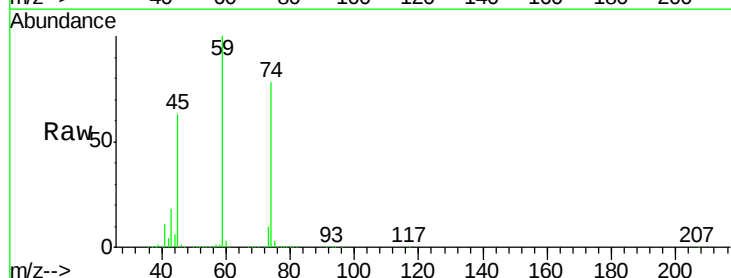
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



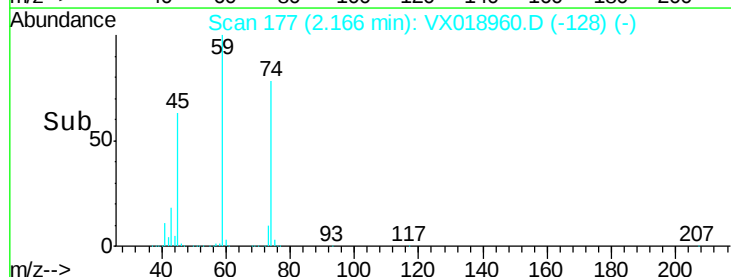
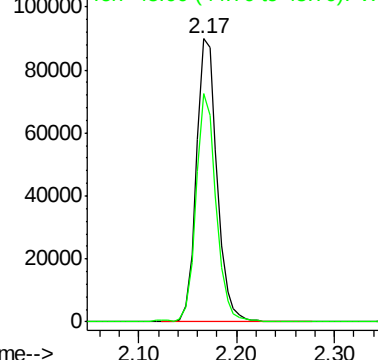
#8

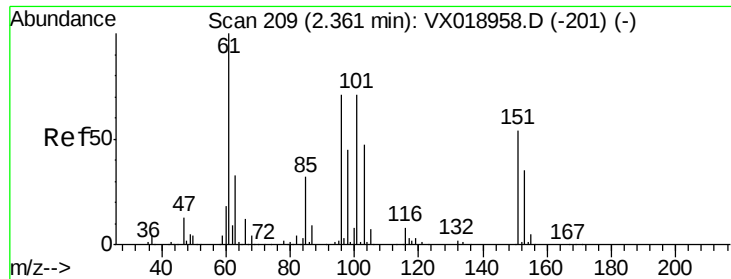
Diethyl Ether
Concen: 186.100 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	77.4	39.1	117.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 163.547 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

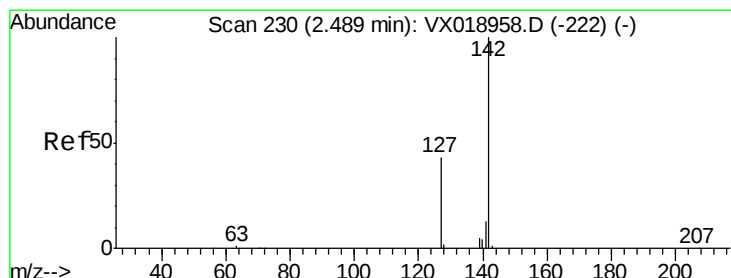
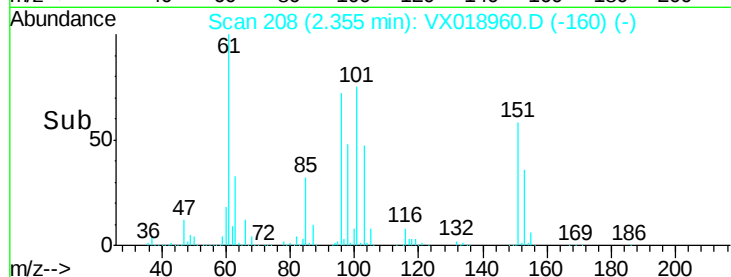
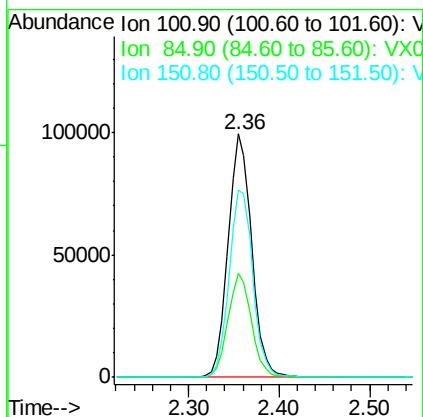
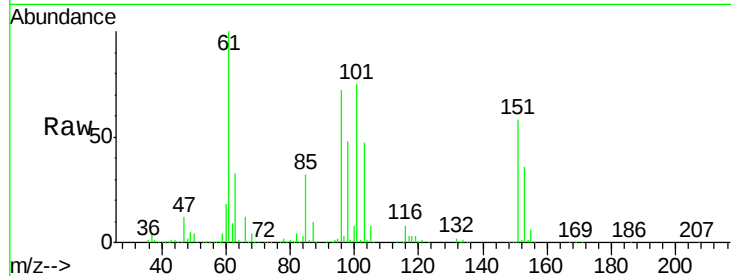
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	179073
Ion Ratio	Lower	Upper	
101	100		
85	42.5	35.1	52.7
151	77.9	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 205.606 ug/l

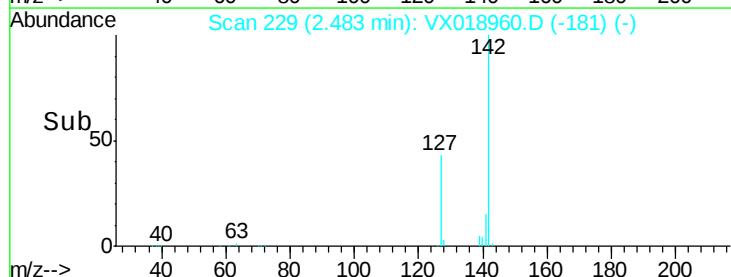
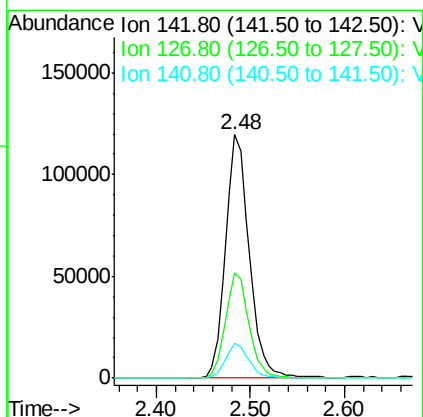
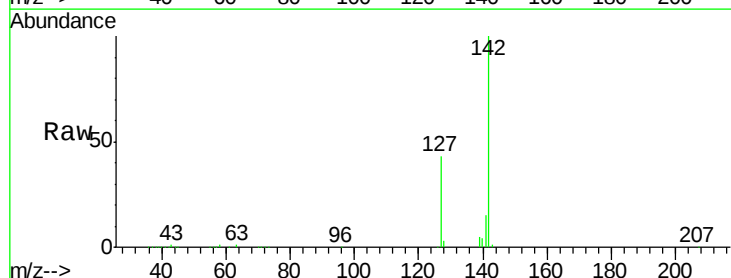
RT: 2.48 min Scan# 229

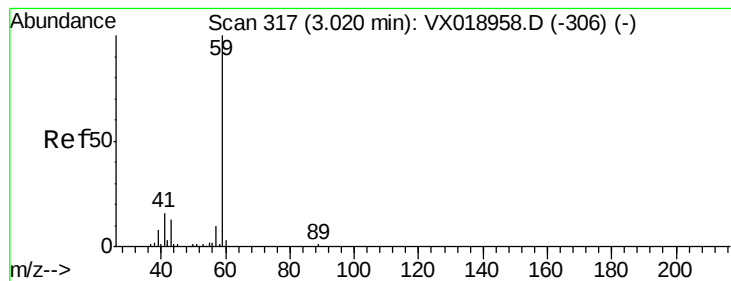
Delta R.T. -0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Tgt Ion:	142	Resp:	209665
Ion Ratio	Lower	Upper	
142	100		
127	42.9	35.9	53.9
141	14.1	11.6	17.4





#11

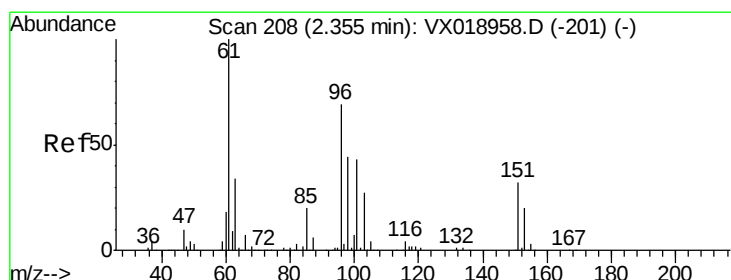
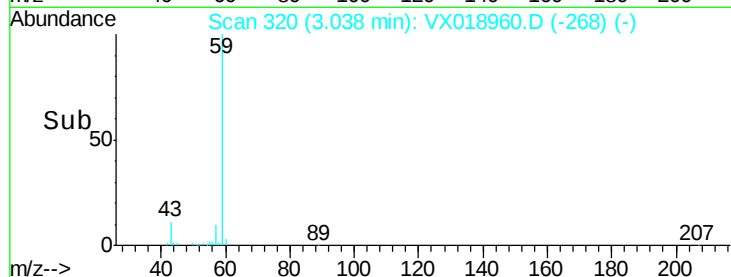
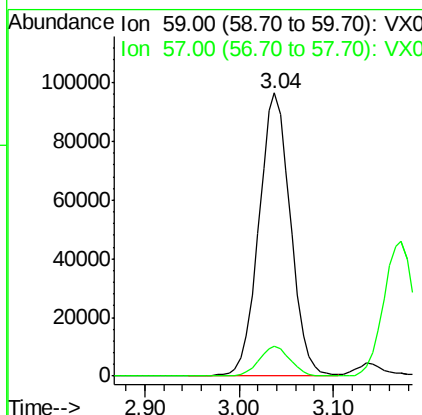
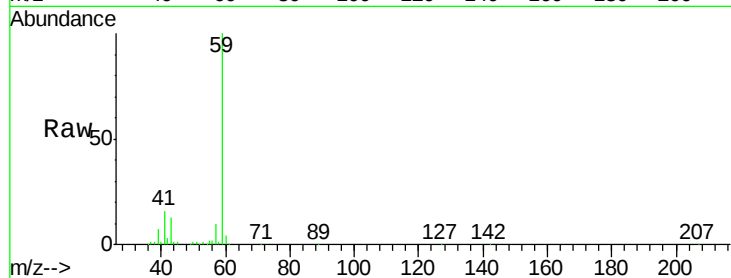
Tert butyl alcohol
Concen: 747.589 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 59 Resp: 227636
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

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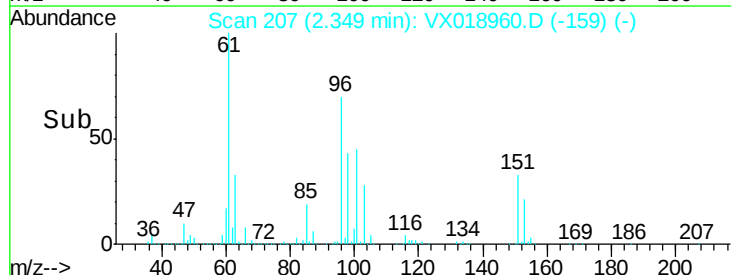
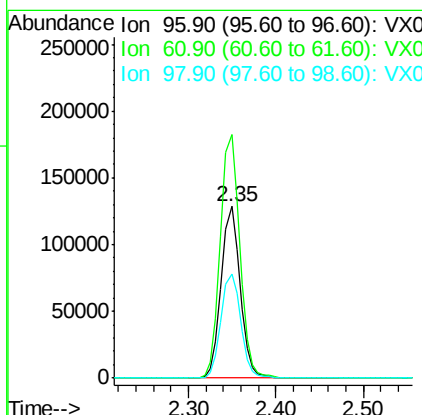
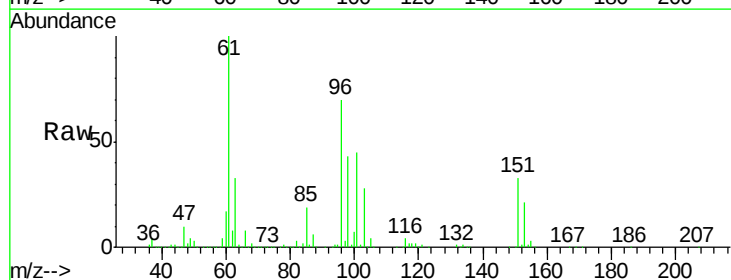
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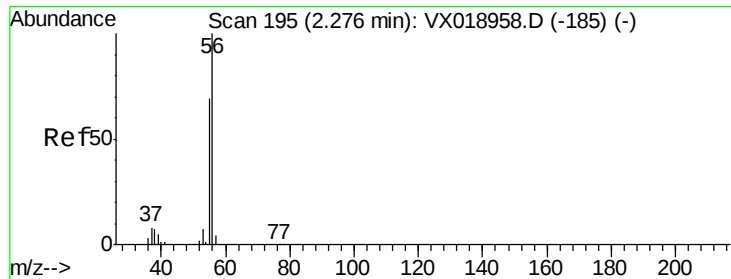


#12

1,1-Dichloroethene
Concen: 169.009 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion: 96 Resp: 193099
Ion Ratio Lower Upper
96 100
61 142.2 116.2 174.2
98 60.9 50.9 76.3





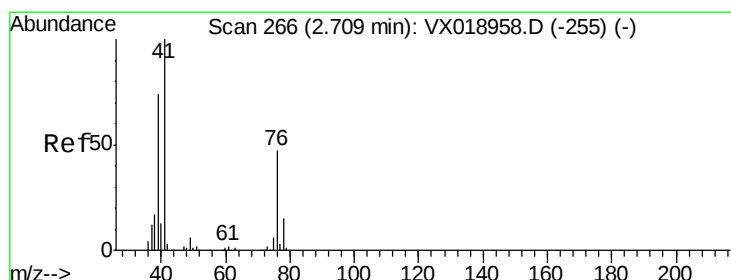
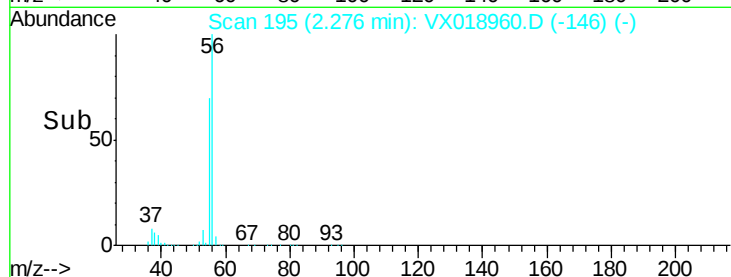
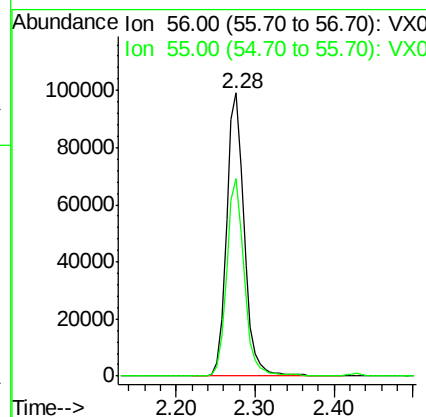
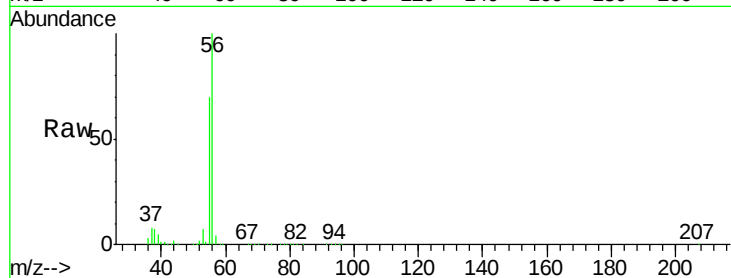
#13
Acrolein
Concen: 1077.197 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.3	56.2	84.2

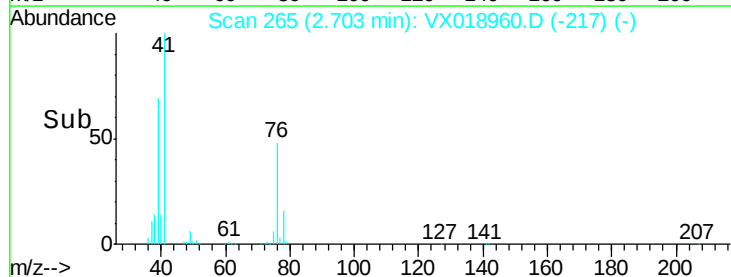
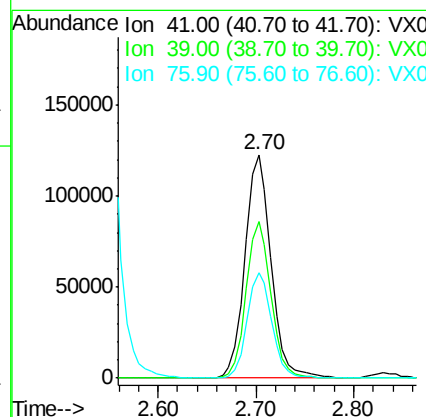
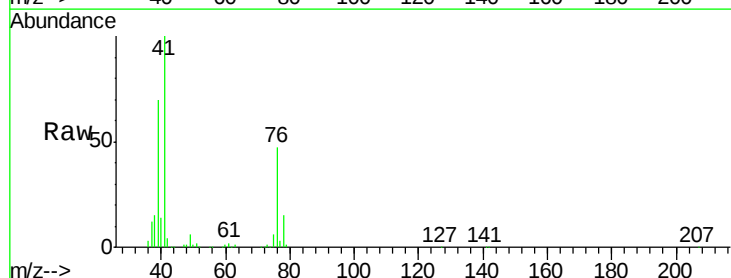
Manual Integrations
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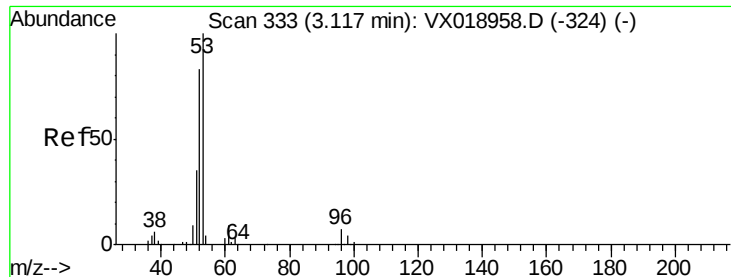
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#14
Allyl chloride
Concen: 120.729 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.1	55.4	83.2
76	44.5	34.1	51.1





#15

Acrylonitrile

Concen: 636.788 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

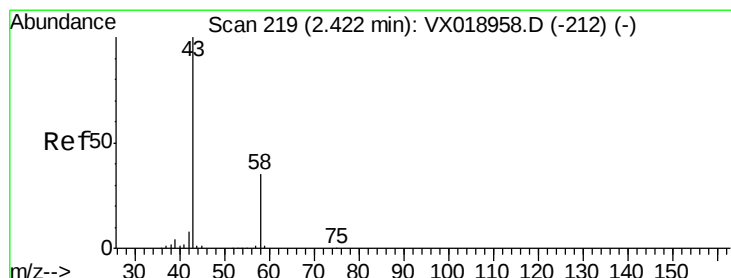
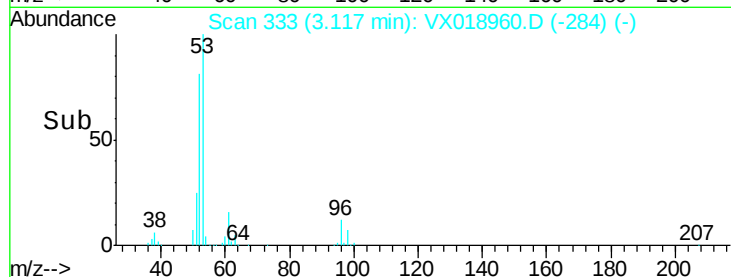
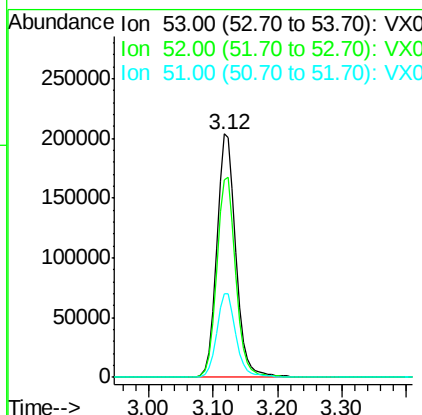
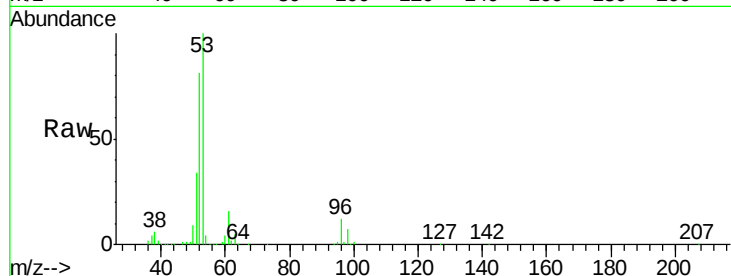
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	423244
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.3	97.9
51	35.1	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 599.764 ug/l

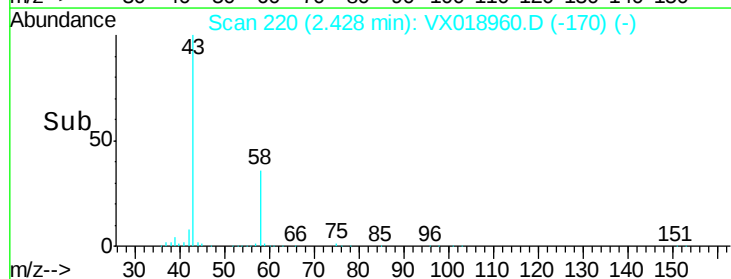
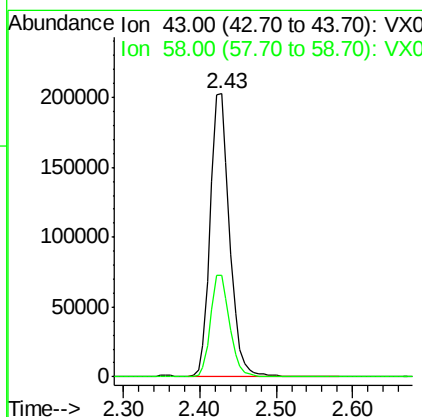
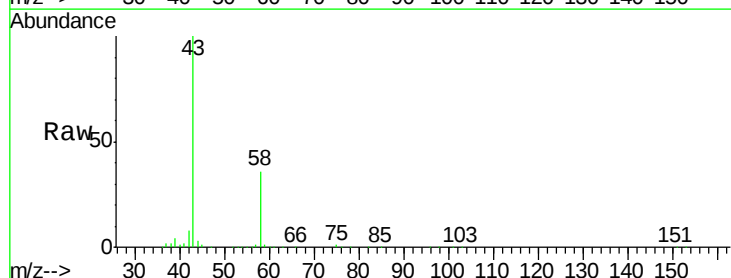
RT: 2.43 min Scan# 220

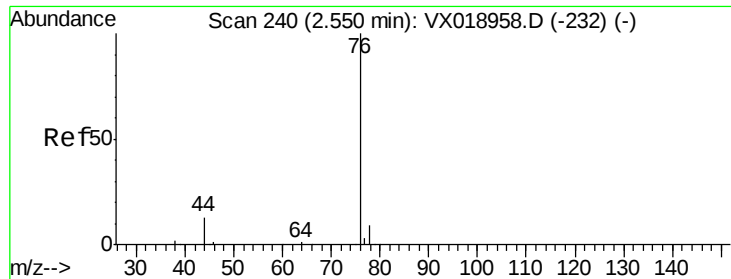
Delta R.T. 0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Tgt Ion:	43	Resp:	354579
Ion	Ratio	Lower	Upper
43	100		
58	36.1	27.8	41.8





#17

Carbon Disulfide

Concen: 138.894 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 452594

Ion Ratio Lower Upper

76 100

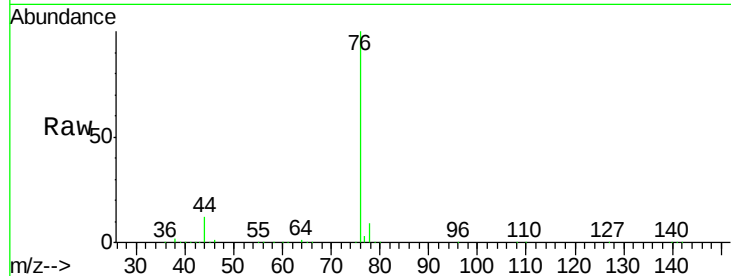
78 9.3 6.9 10.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

300000

250000

200000

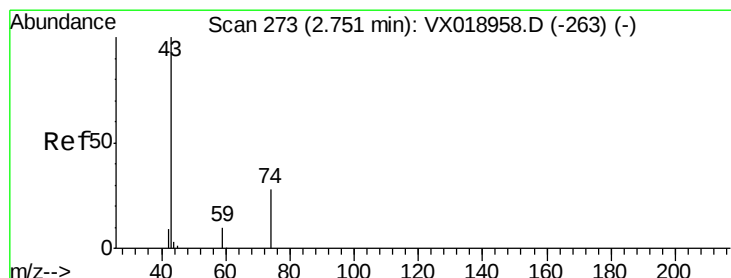
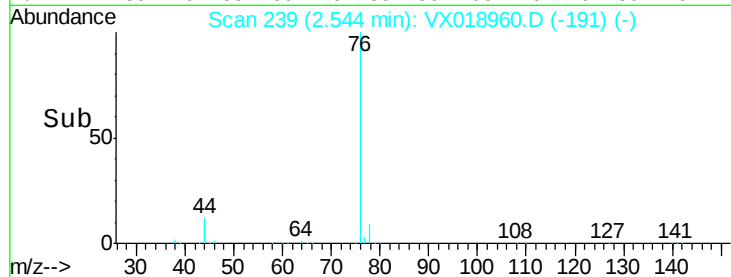
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 131.295 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018960.D

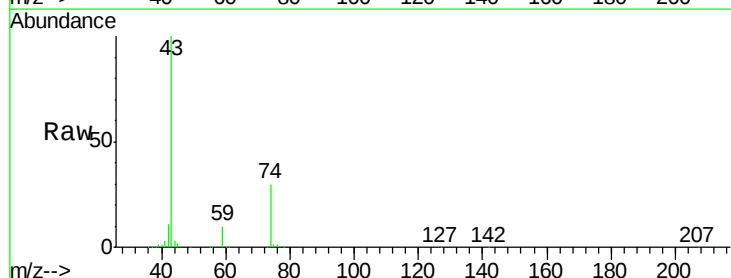
Acq: 19 Oct 2020 18:22

Tgt Ion: 43 Resp: 186748

Ion Ratio Lower Upper

43 100

74 30.3 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

120000

100000

80000

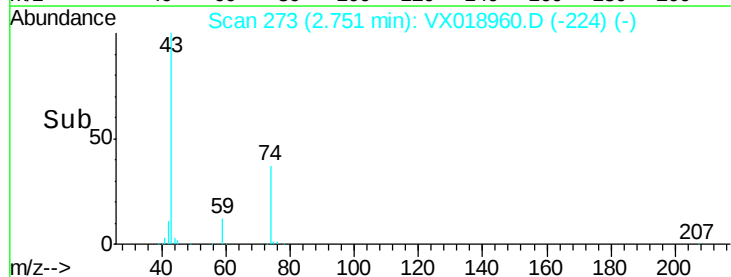
60000

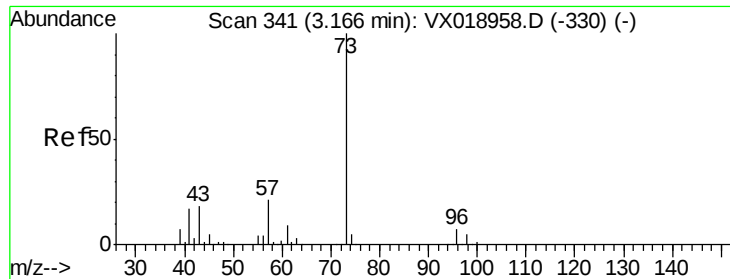
40000

20000

0

Time-->





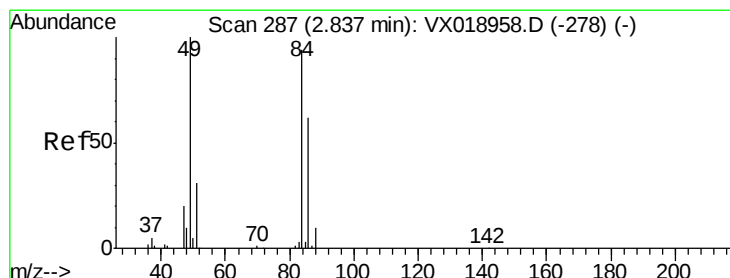
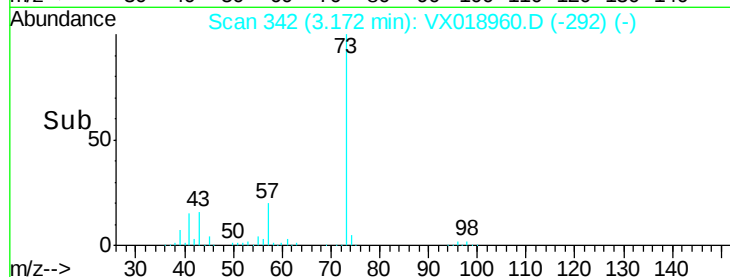
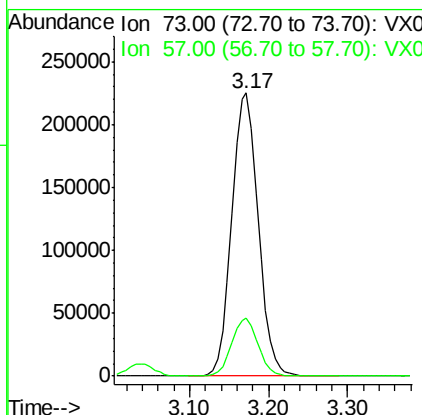
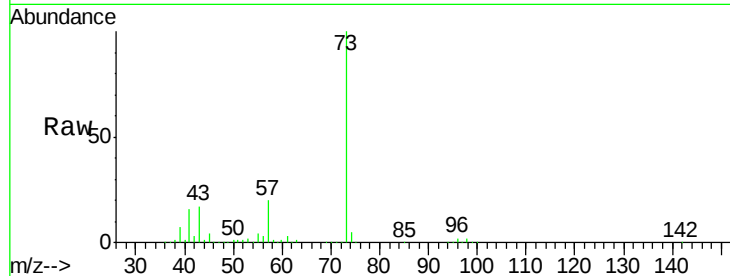
#19
Methvl tert-butvl Ether
Concen: 142.648 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 525968
Ion Ratio Lower Upper
73 100
57 20.5 16.6 25.0

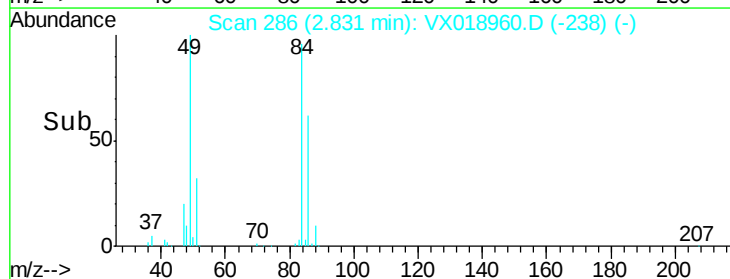
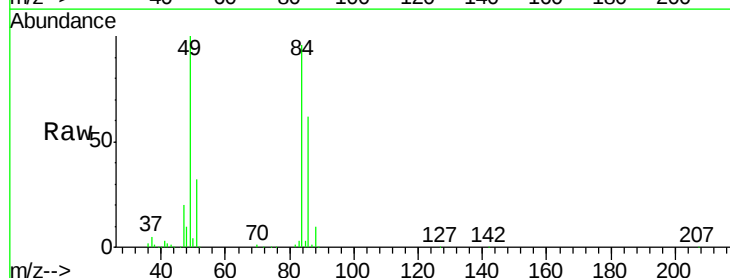
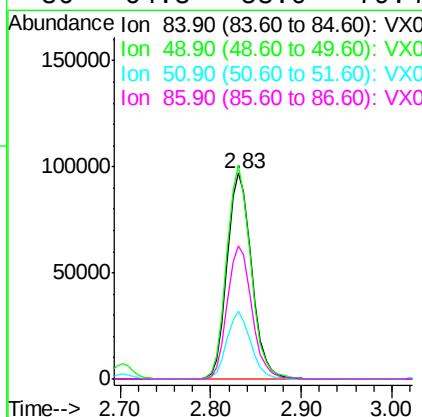
Manual Integrations
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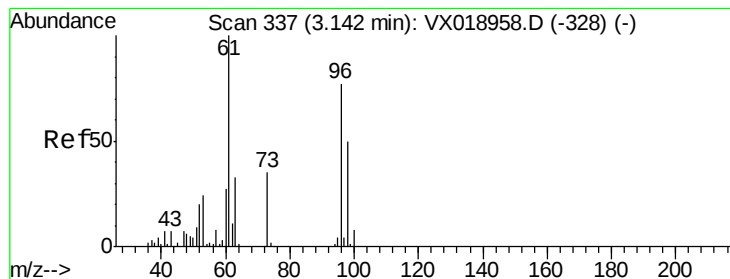
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#20
Methylene Chloride
Concen: 135.559 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion: 84 Resp: 182526
Ion Ratio Lower Upper
84 100
49 103.8 85.1 127.7
51 32.8 26.0 39.0
86 64.8 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 160.856 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 195185

Ion Ratio Lower Upper

96 100

61 120.8 103.4 155.0

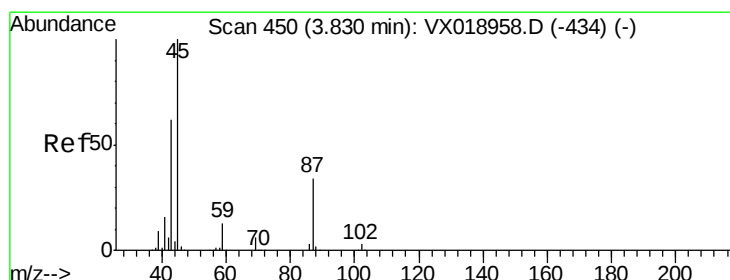
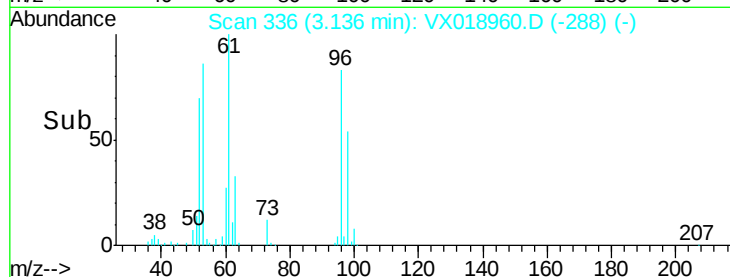
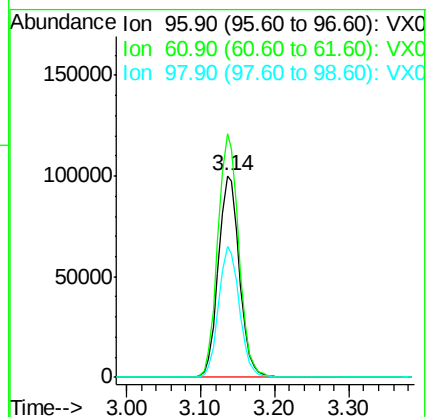
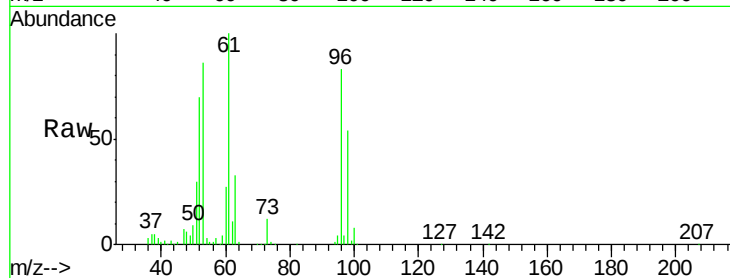
98 64.9 51.7 77.5

Manual Integrations

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#22

Diisopropyl ether

Concen: 117.546 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Tgt Ion: 45 Resp: 436784

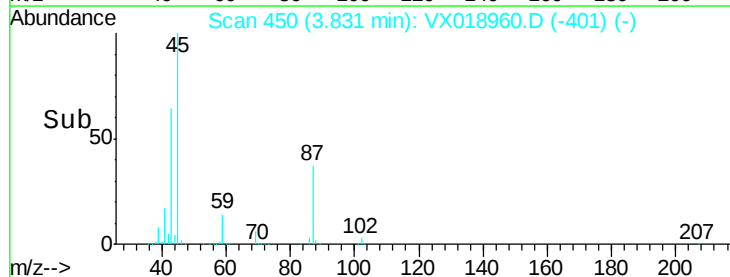
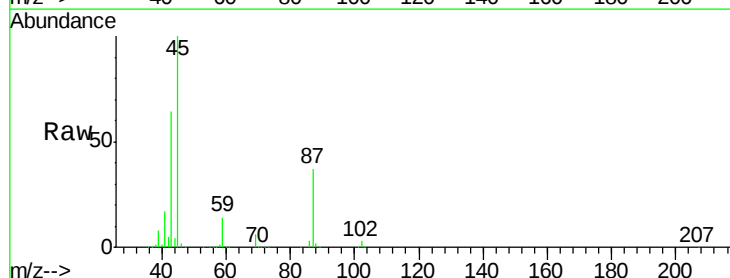
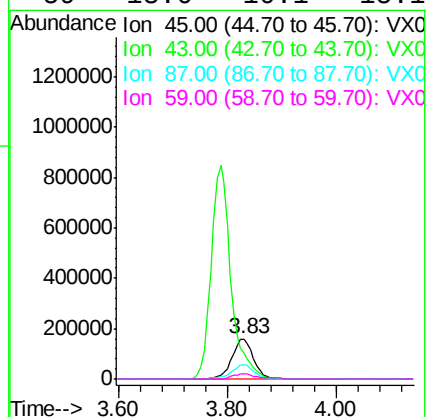
Ion Ratio Lower Upper

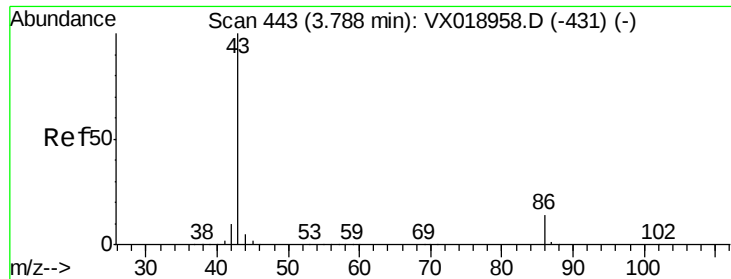
45 100

43 63.7 49.7 74.5

87 36.7 27.4 41.2

59 13.6 10.1 15.1





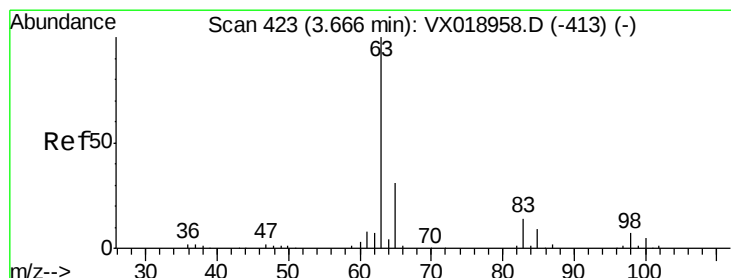
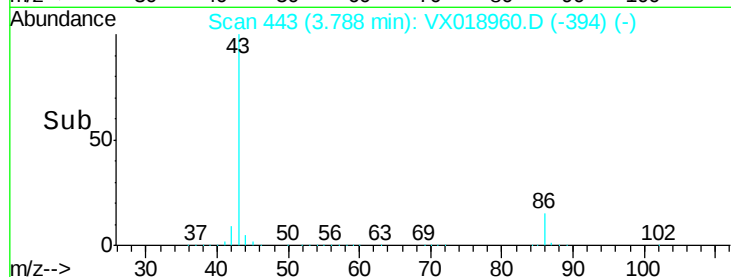
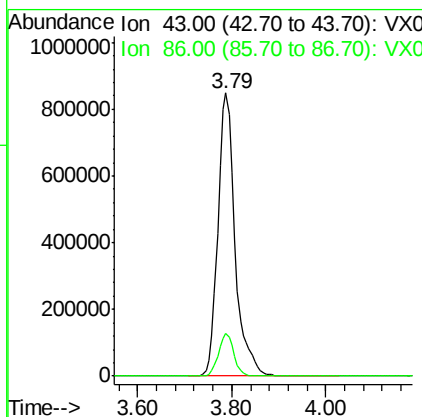
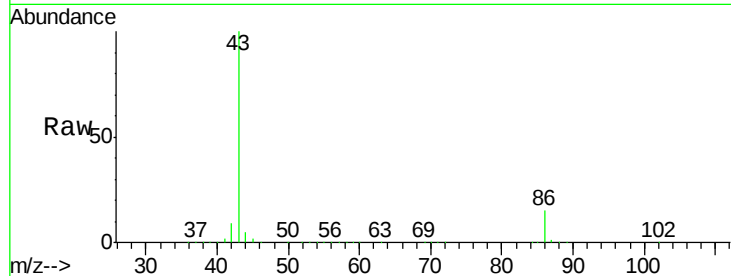
#23
 Vinyl Acetate
 Concen: 642.645 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 2146987
 Ion Ratio Lower Upper
 43 100
 86 14.9 10.9 16.3

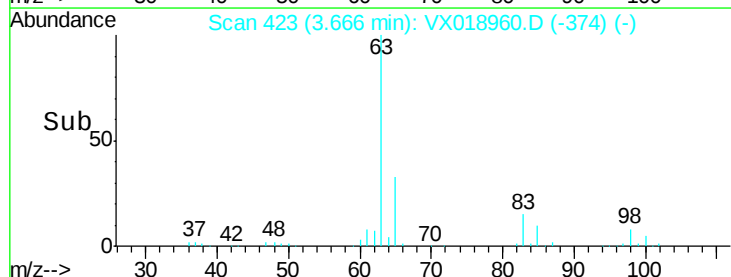
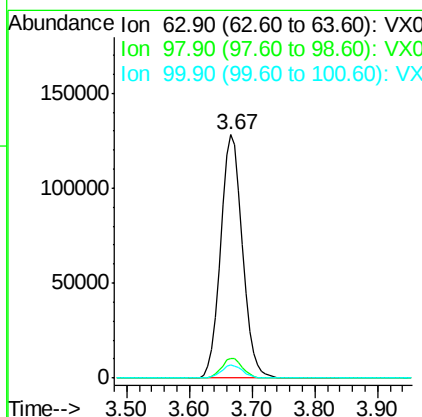
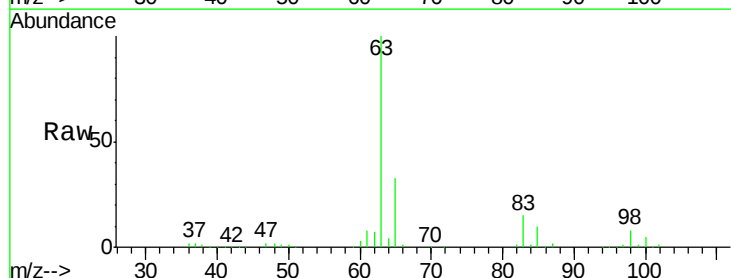
Manual Integrations
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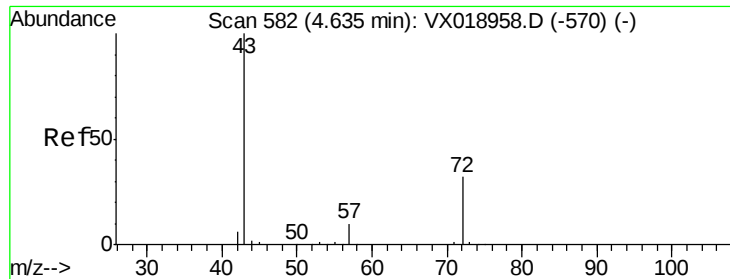
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#24
 1,1-Dichloroethane
 Concen: 141.079 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Tgt Ion: 63 Resp: 307313
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 5.4 2.4 7.1





#25

2-Butanone

Concen: 621.060 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 600449

Ion Ratio Lower Upper

43 100

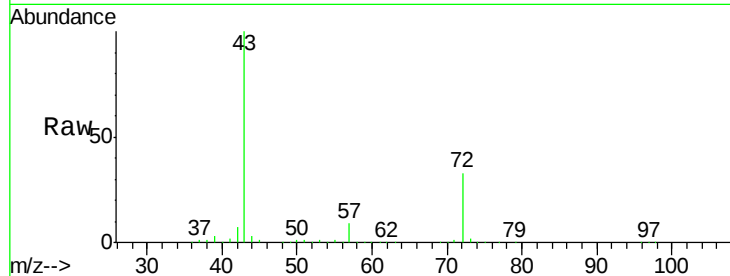
72 33.1 25.8 38.6

Manual Integrations

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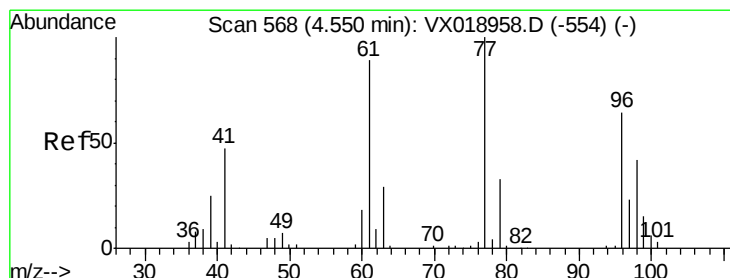
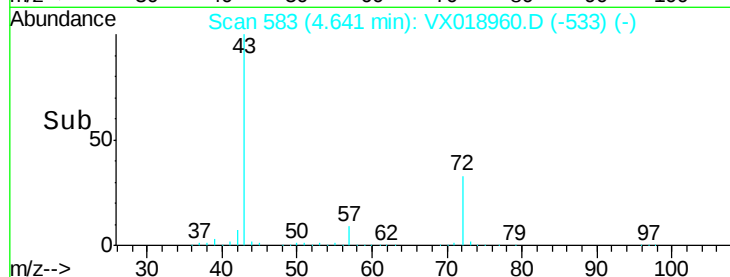
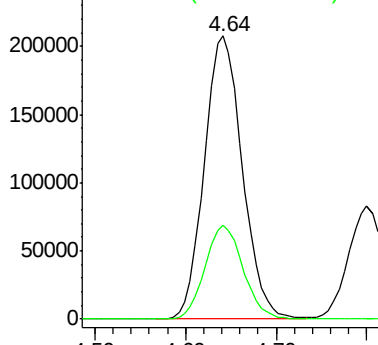
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 157.060 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018960.D

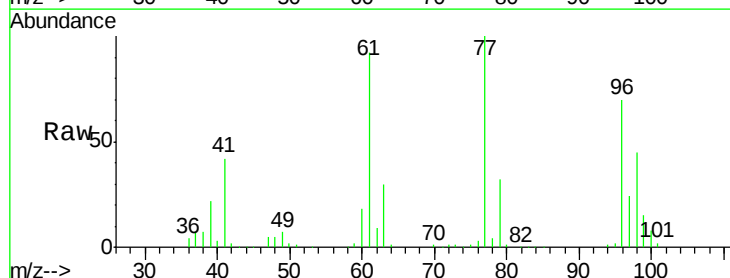
Acq: 19 Oct 2020 18:22

Tgt Ion: 77 Resp: 286355

Ion Ratio Lower Upper

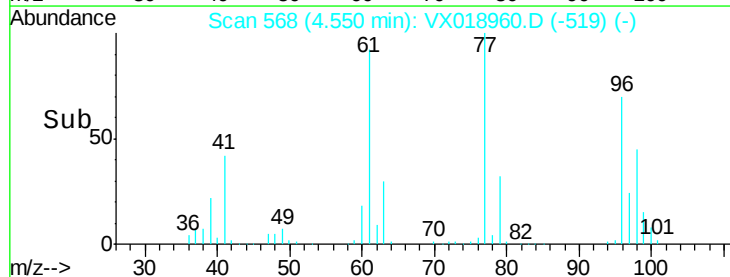
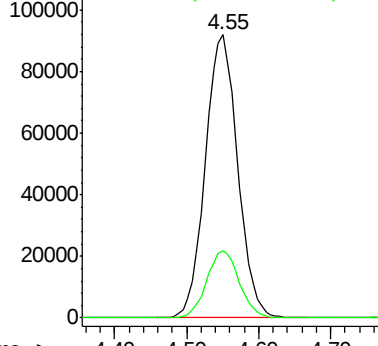
77 100

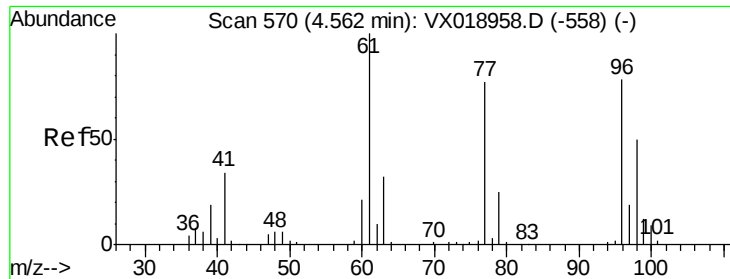
97 24.0 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

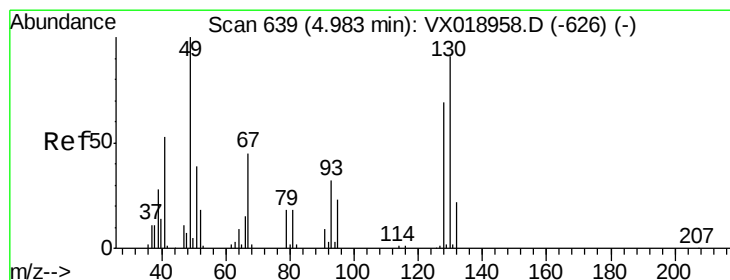
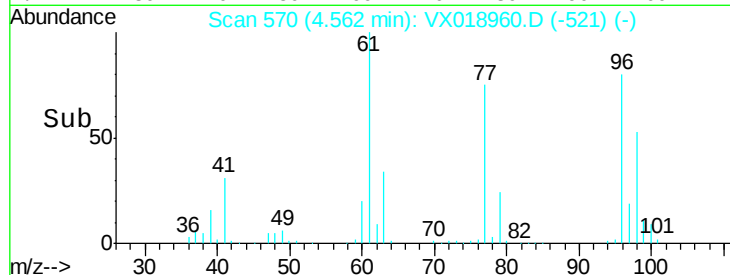
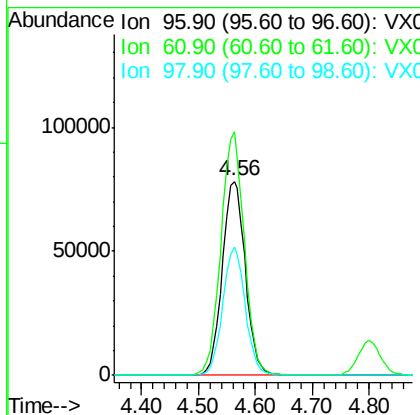
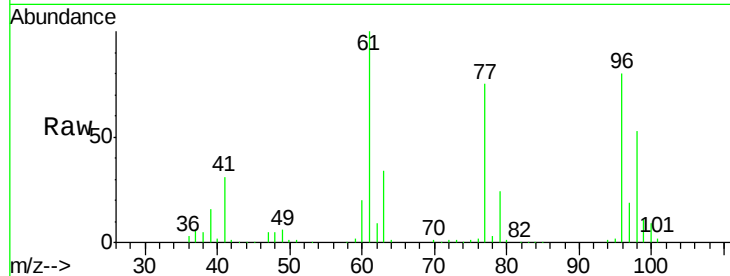
cis-1,2-Dichloroethene
Concen: 156.605 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	220563		
61	127.0	0.0	265.2	
98	64.7	0.0	128.4	

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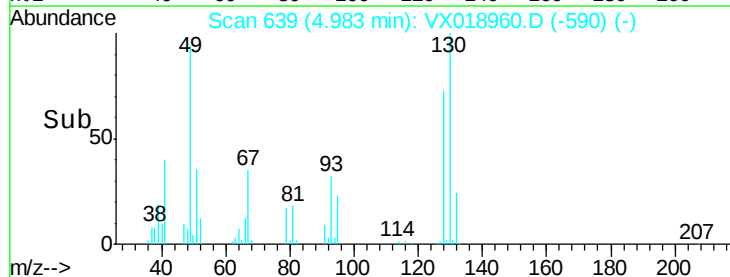
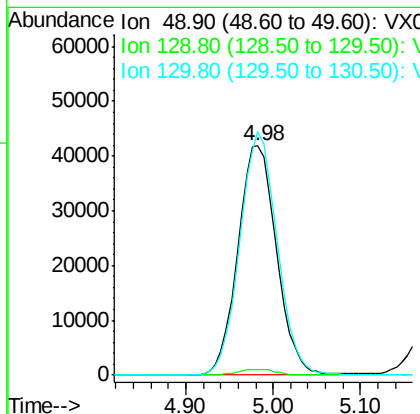
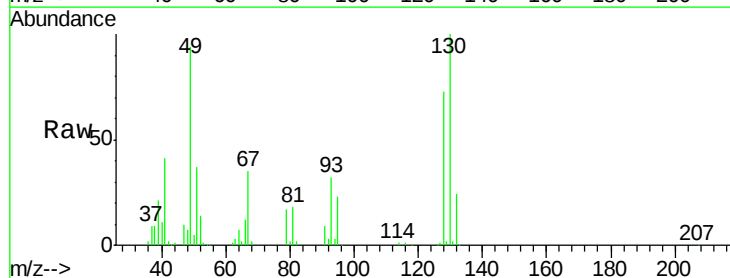
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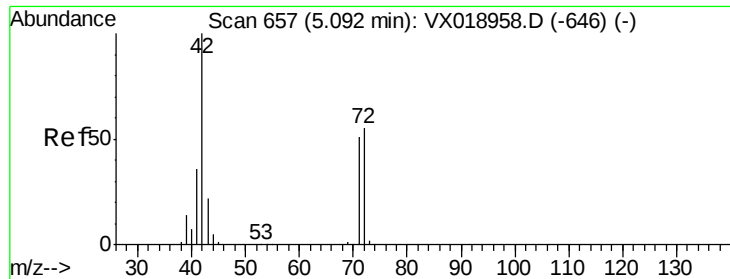


#28

Bromochloromethane
Concen: 124.308 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	128797		
129	2.5	0.0	4.2	
130	102.5	72.0	108.0	





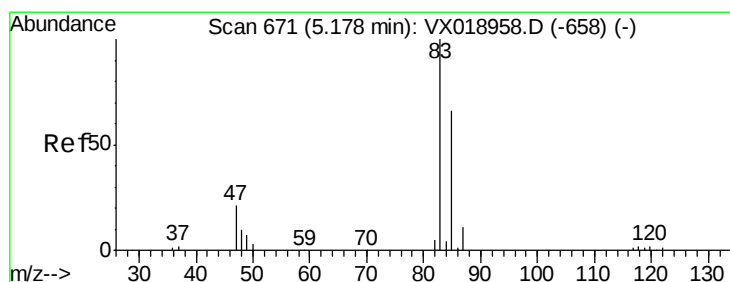
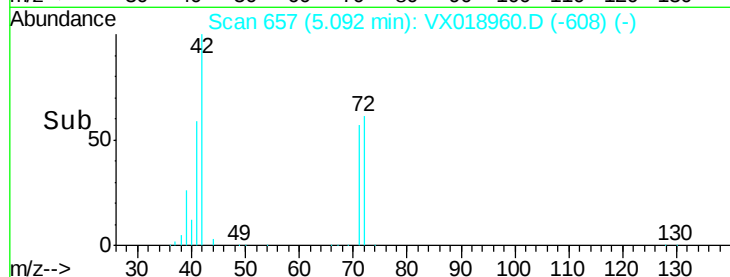
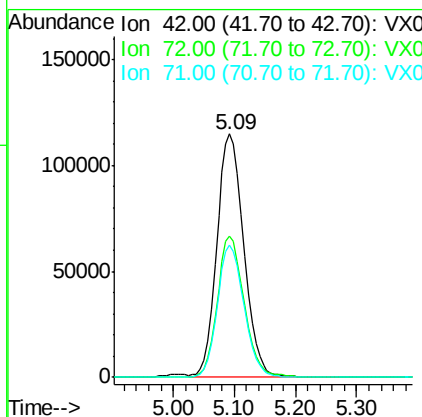
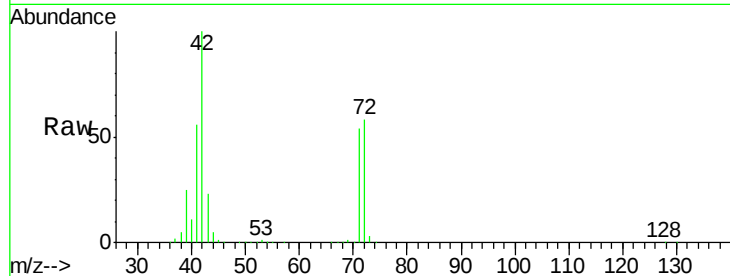
#29
Tetrahydrofuran
Concen: 579.725 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	58.0	44.9	67.3
71	53.8	41.0	61.6

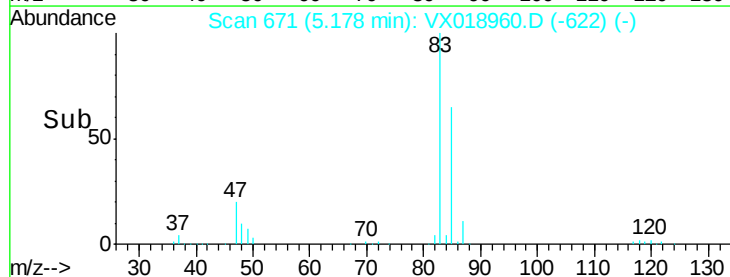
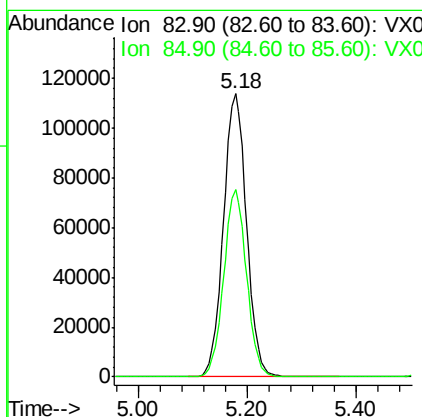
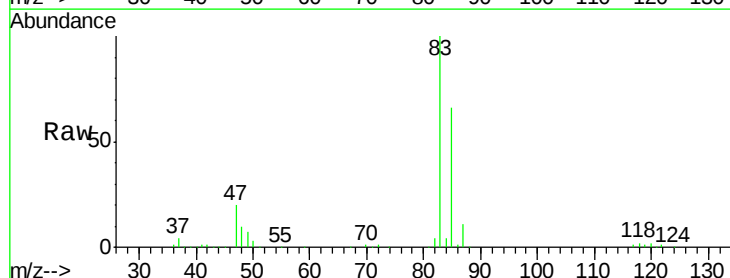
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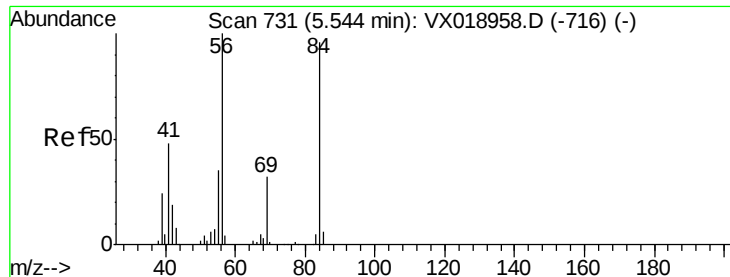
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#30
Chloroform
Concen: 147.287 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.6	78.8





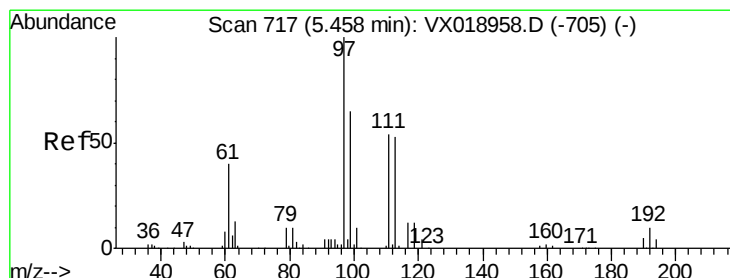
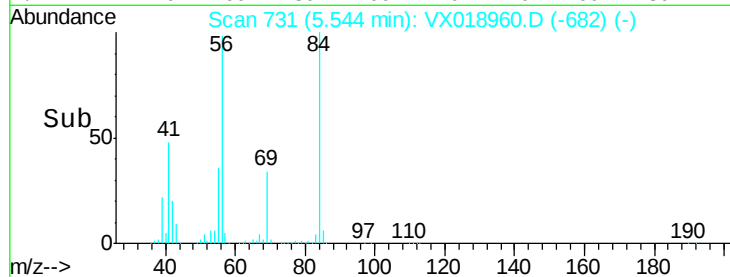
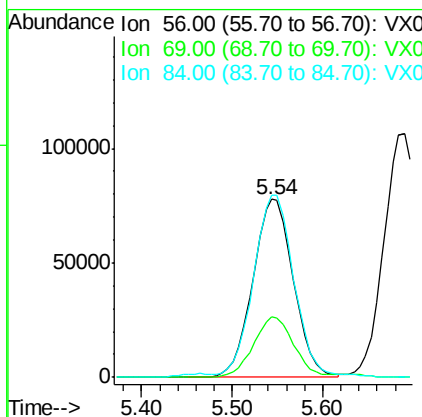
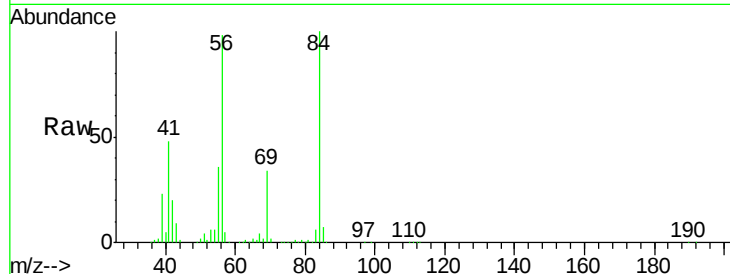
#31
Cyclohexane
Concen: 132.313 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	25.4	38.0
84	100.3	75.4	113.0

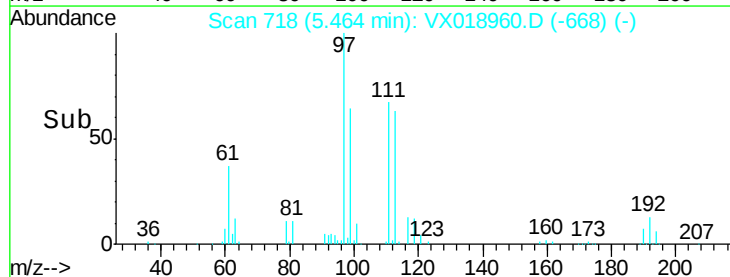
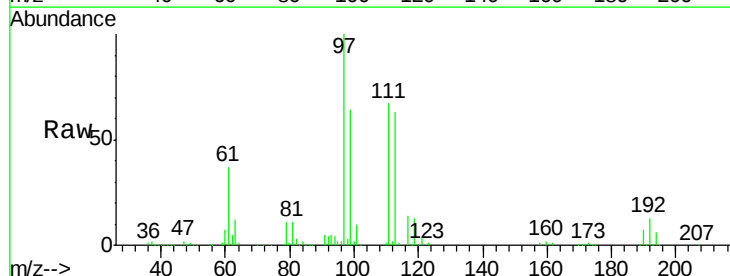
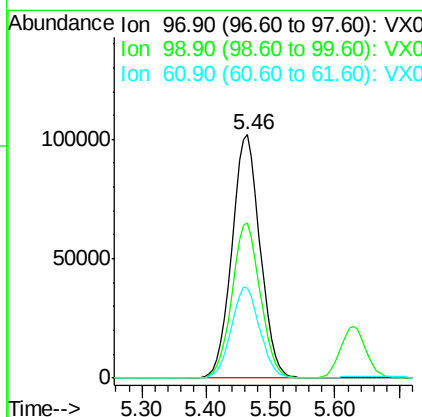
Manual Integrations
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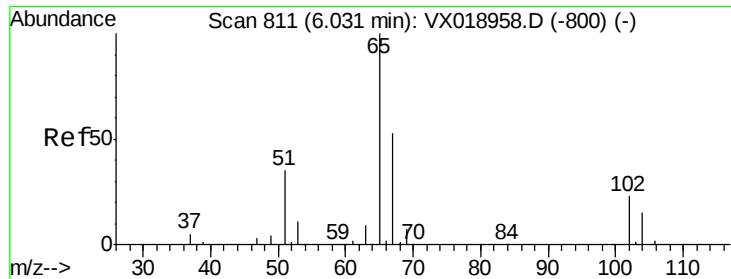
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#32
1,1,1-Trichloroethane
Concen: 148.372 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.5	75.7
61	38.1	32.3	48.5





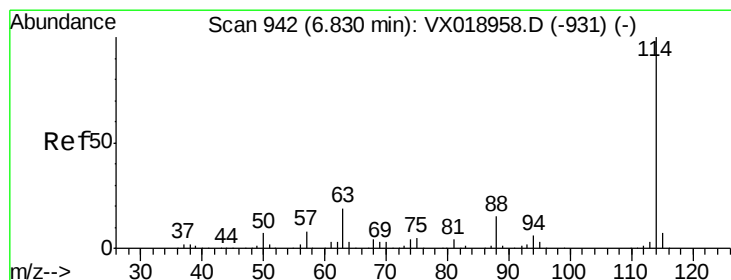
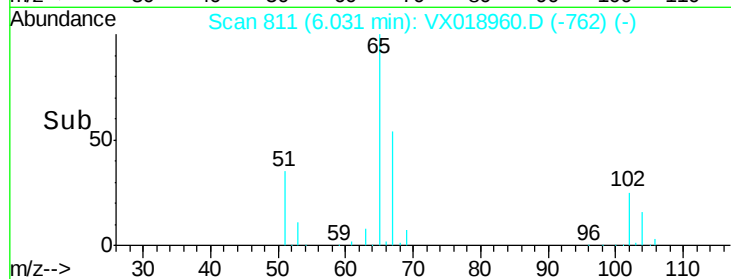
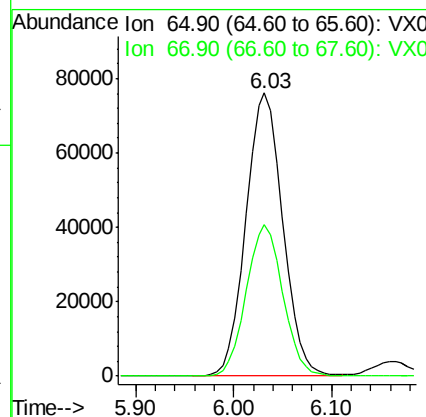
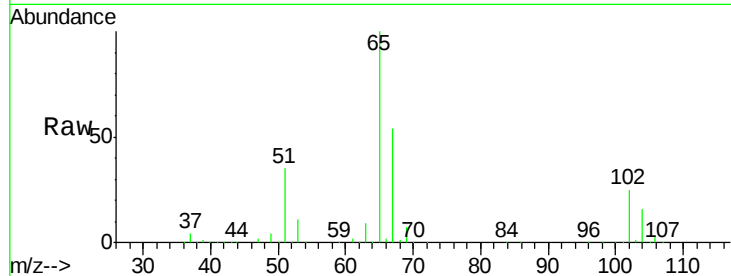
#33
 1,2-Dichloroethane-d4
 Concen: 132.371 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	199312		
67	53.1	0.0	105.6	

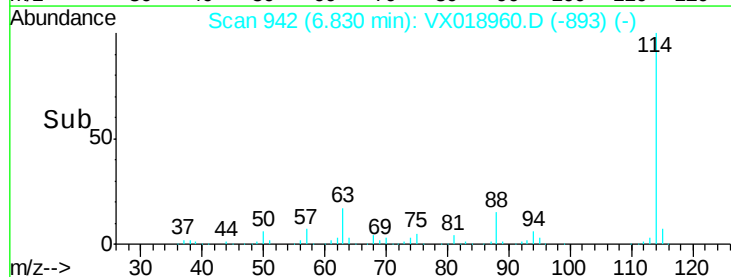
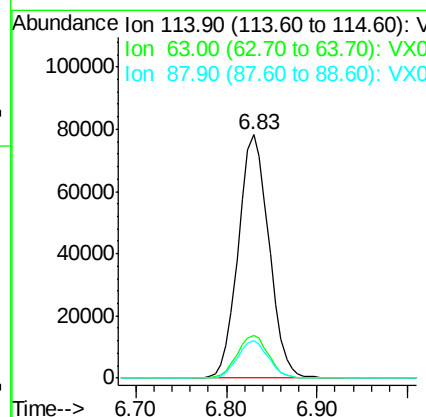
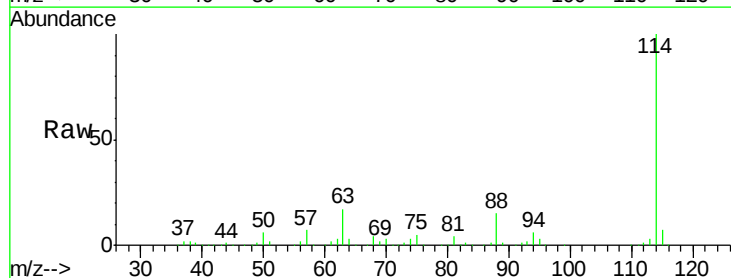
Manual Integrations
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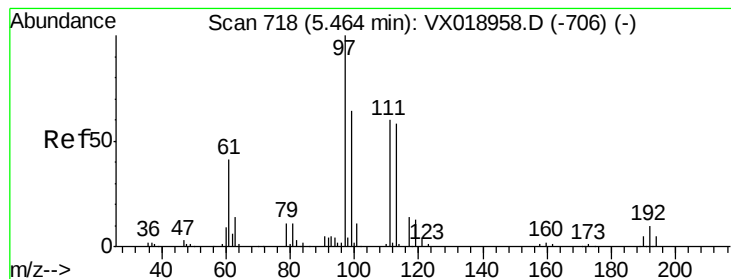
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	183690		
63	17.4	0.0	38.0	
88	15.4	0.0	30.8	





#35

Dibromofluoromethane

Concen: 151.372 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

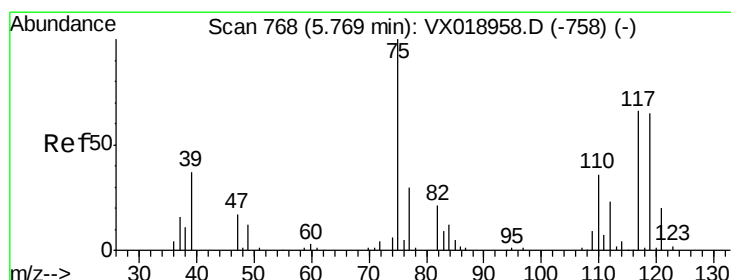
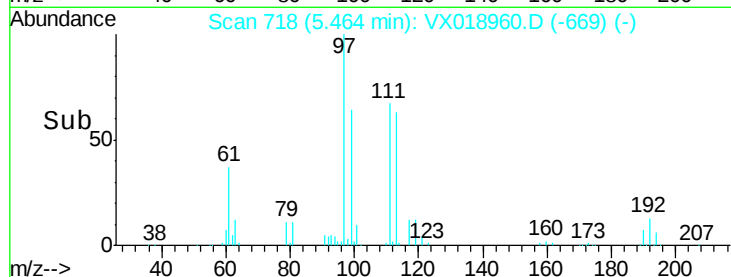
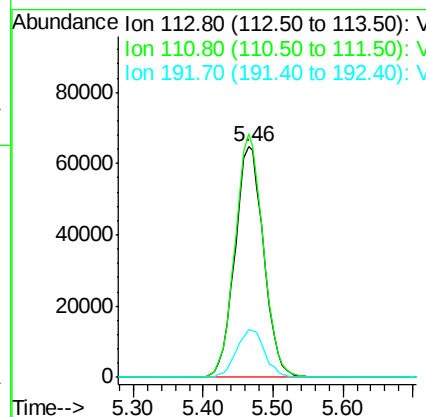
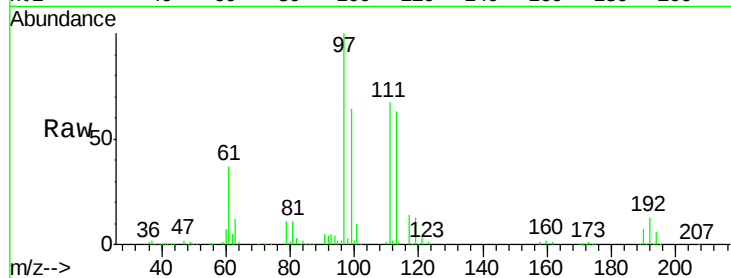
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	184820
Ion Ratio	Lower	Upper	
113	100		
111	103.1	80.8	121.2
192	20.3	14.5	21.7

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#36

1,1-Dichloropropene

Concen: 149.469 ug/l

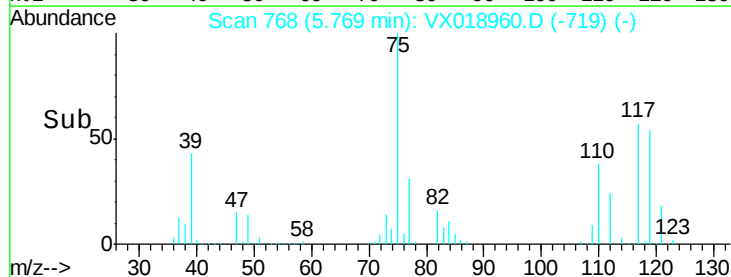
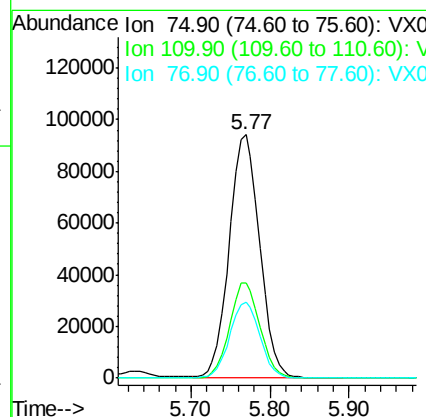
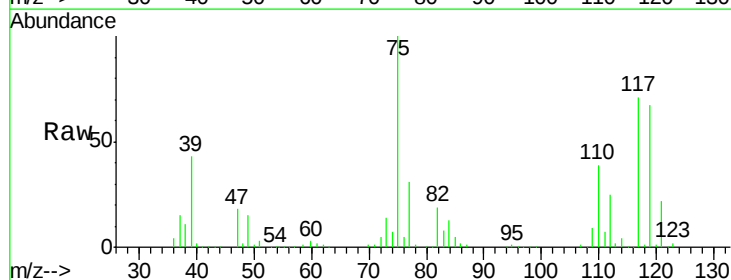
RT: 5.77 min Scan# 768

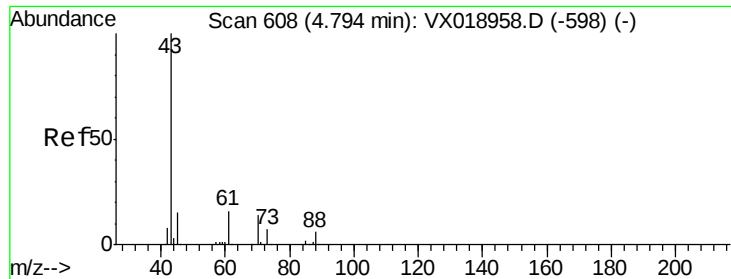
Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Tgt Ion:	75	Resp:	252878
Ion Ratio	Lower	Upper	
75	100		
110	39.0	18.3	54.8
77	31.3	25.0	37.4





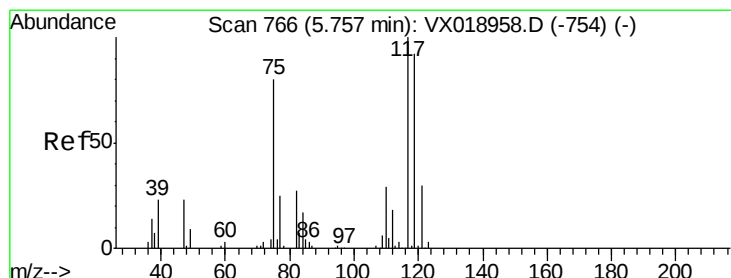
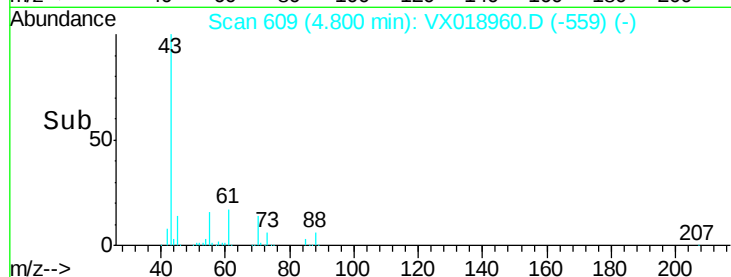
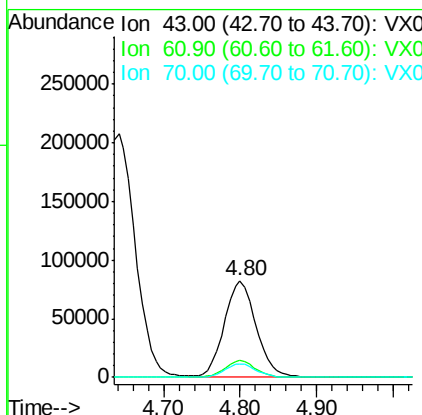
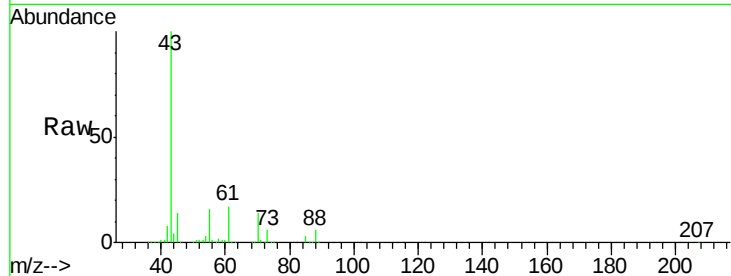
#37
Ethyl Acetate
Concen: 123.190 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.6	12.7	19.1
70	13.9	10.6	15.8

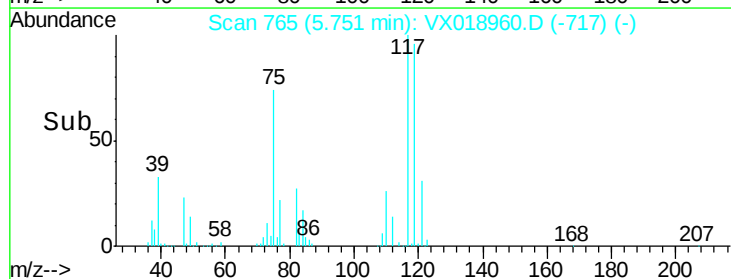
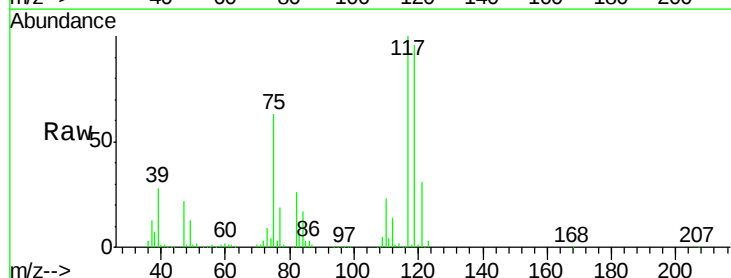
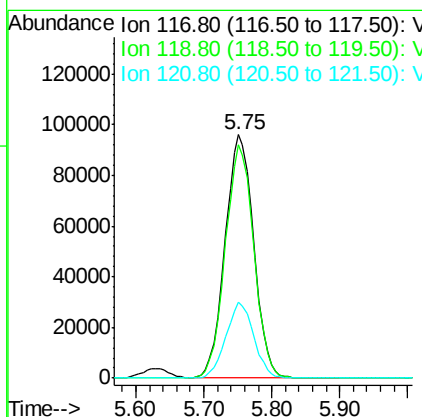
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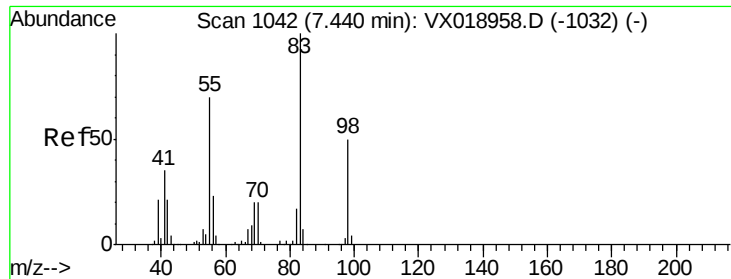
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10/20/2020 4:52:07 PM



#38
Carbon Tetrachloride
Concen: 148.297 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	73.2	109.8
121	31.1	23.5	35.3





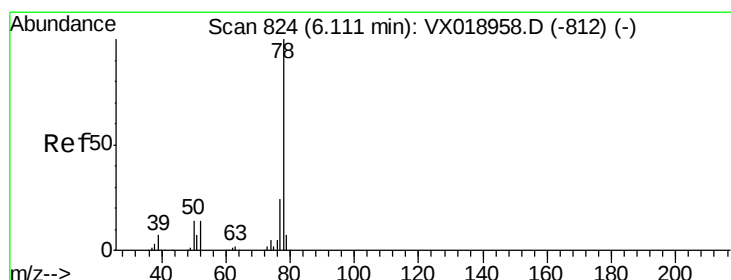
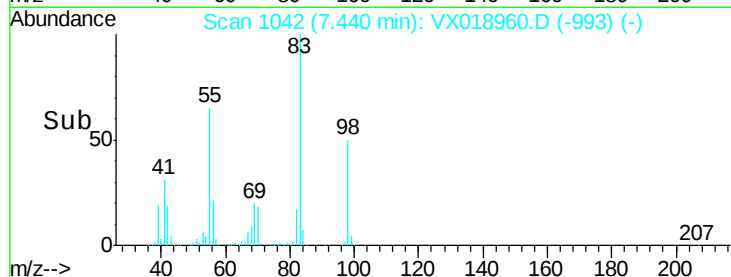
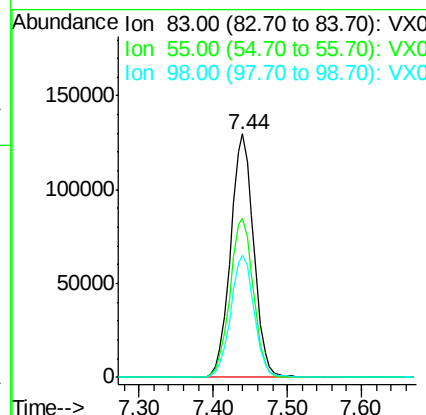
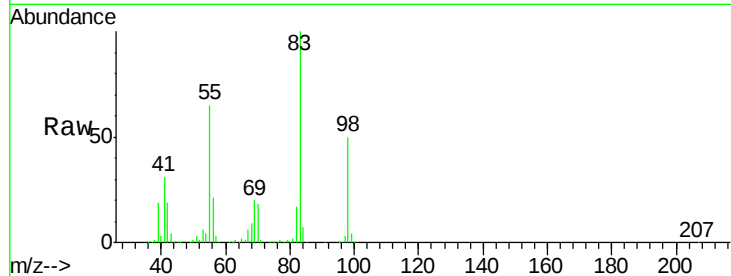
#39
Methvlcvclohexane
Concen: 151.984 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.3	56.3	84.5
98	50.3	39.8	59.6

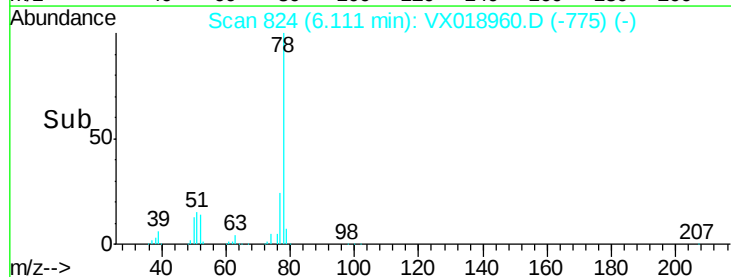
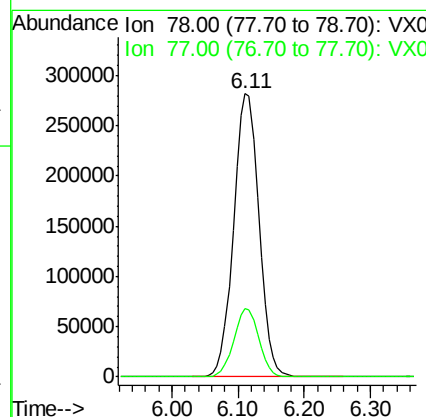
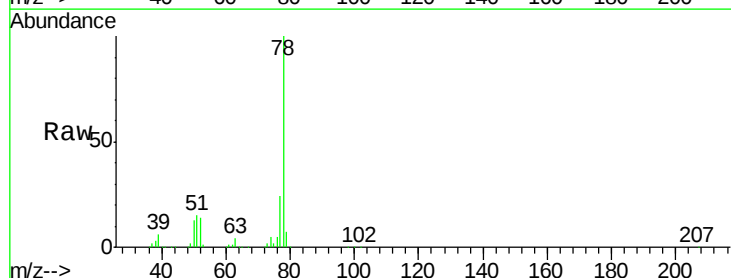
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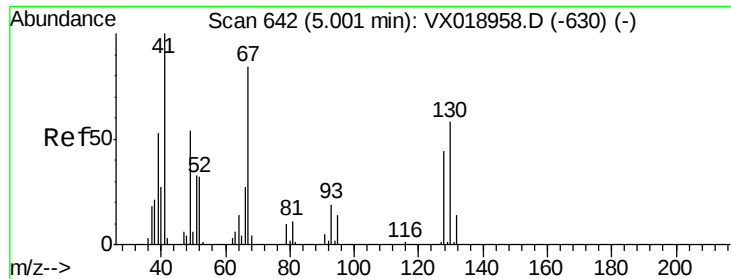
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#40
Benzene
Concen: 149.598 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





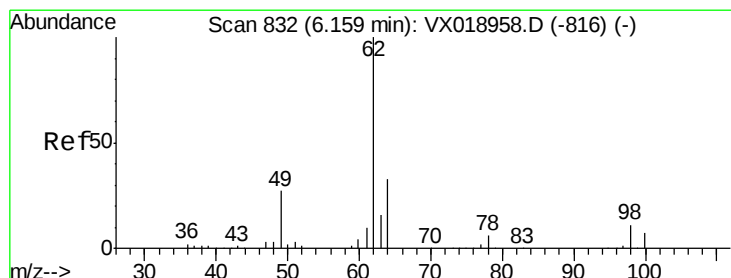
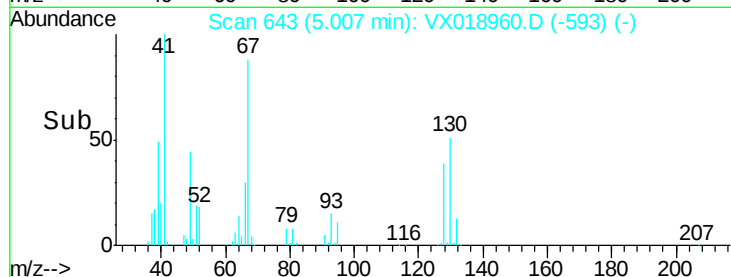
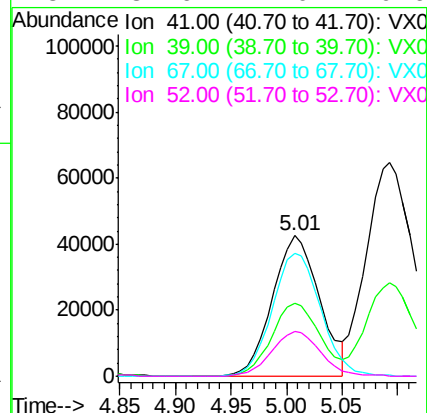
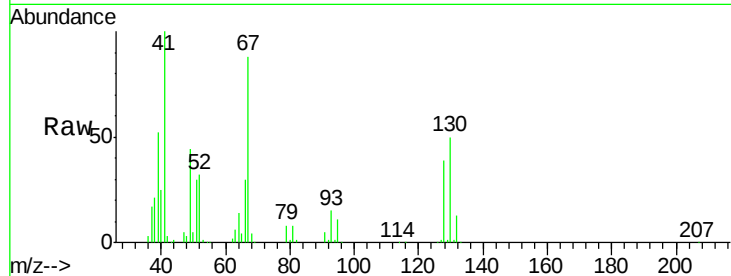
#41
Methacrylonitrile
Concen: 119.417 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	43.7	65.5	
67	90.7	70.9	106.3	
52	32.6	27.0	40.6	

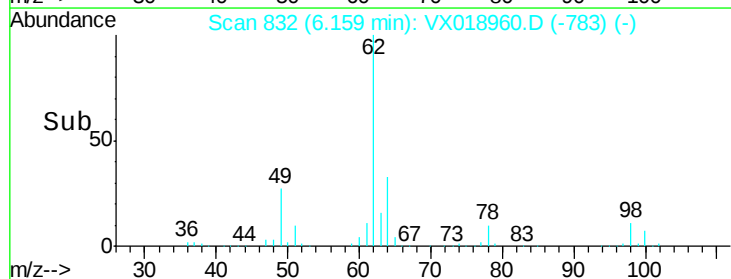
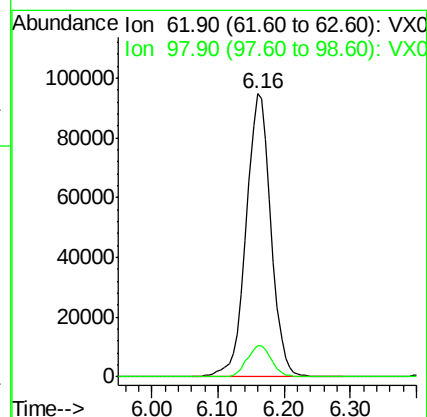
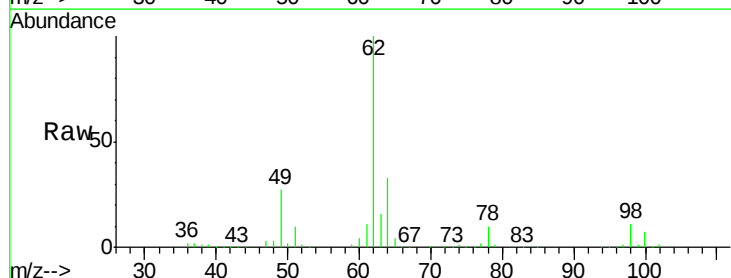
Manual Integrations
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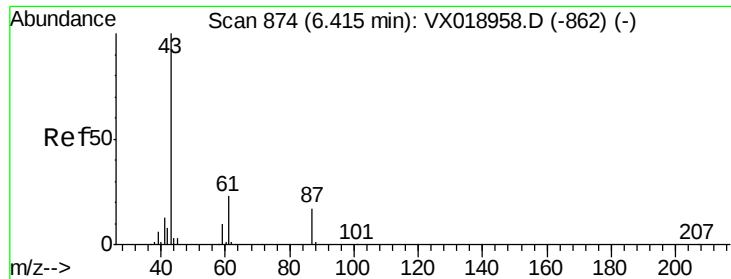
MMDadoda
10/20/2020 4:52:07 PM



#42
1,2-Dichloroethane
Concen: 131.111 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.9	0.0	20.6	





#43

Isopropyl Acetate

Concen: 124.603 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

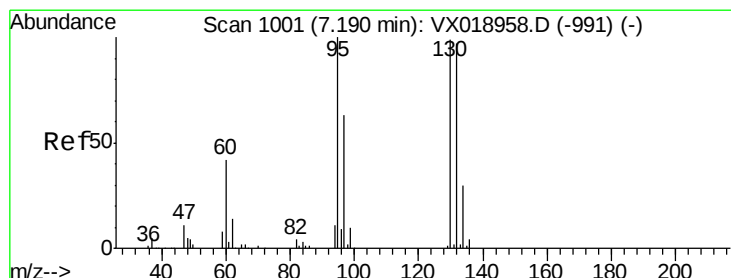
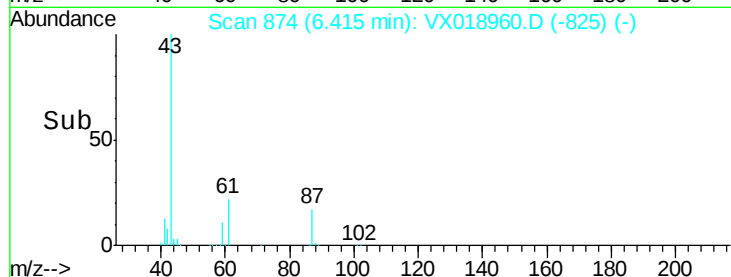
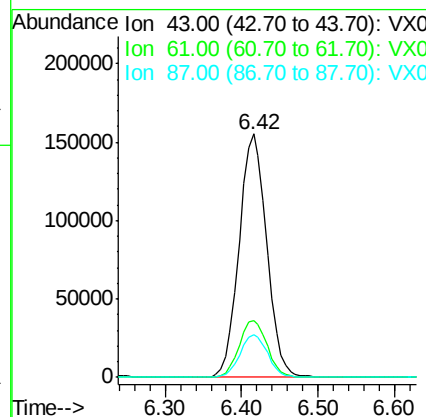
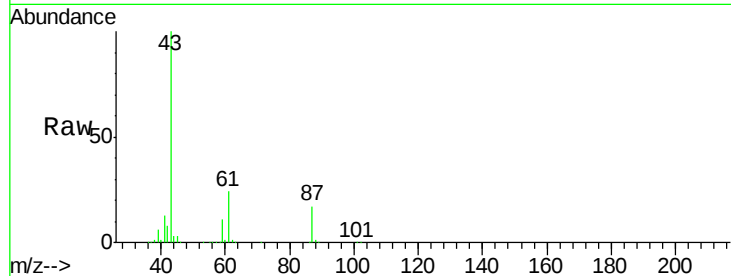
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	386013
Ion	Ratio	Lower	Upper
43	100		
61	23.9	18.3	27.5
87	17.7	13.4	20.2

Manual Integrations
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10/20/2020 4:52:07 PM



#44

Trichloroethene

Concen: 155.718 ug/l

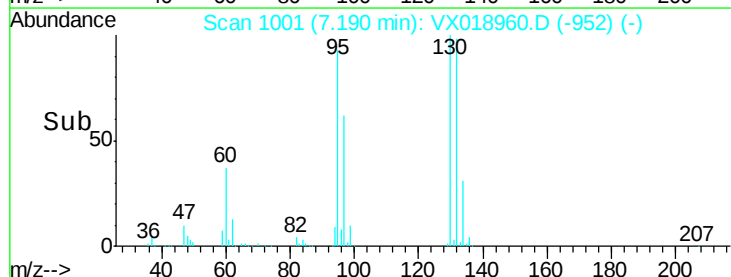
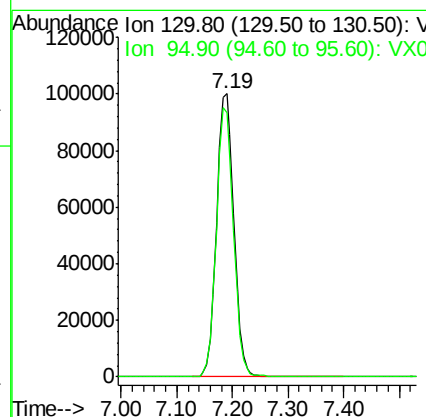
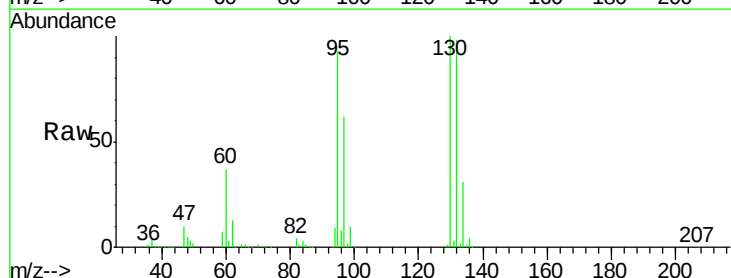
RT: 7.19 min Scan# 1001

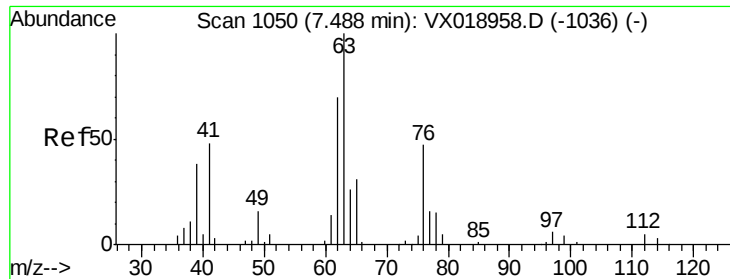
Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Tgt Ion:	130	Resp:	217363
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	201.0





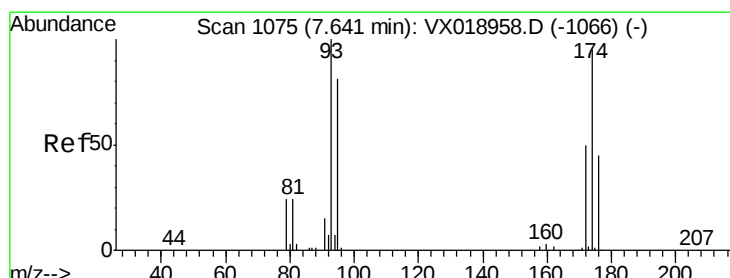
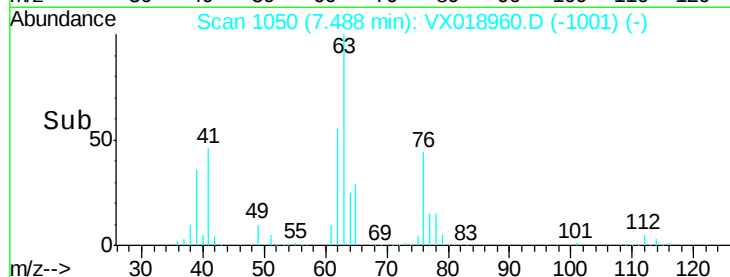
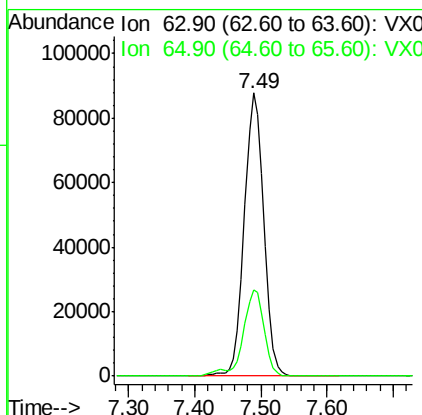
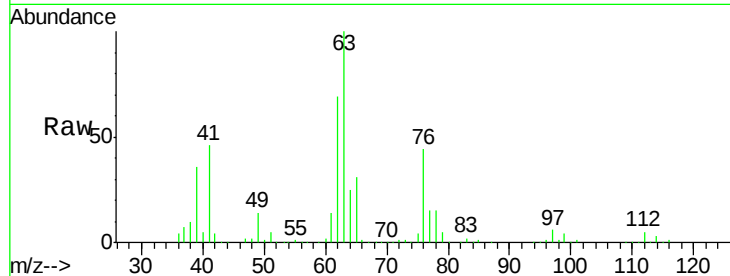
#45
 1,2-Dichloropropane
 Concen: 136.856 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 180578
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6

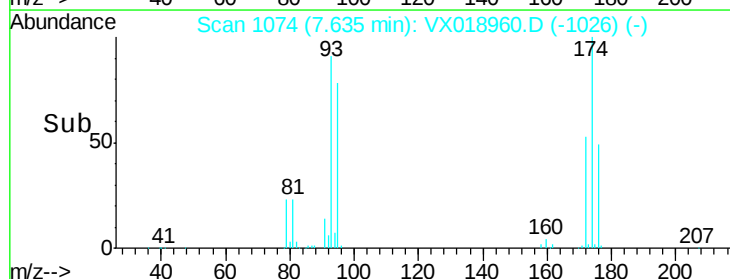
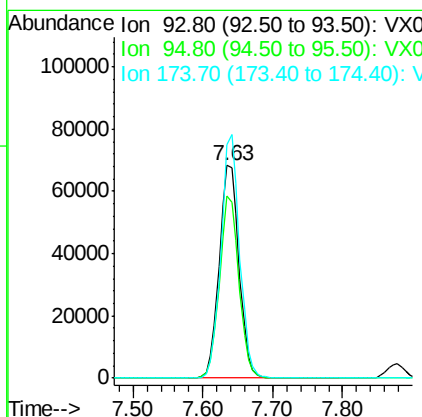
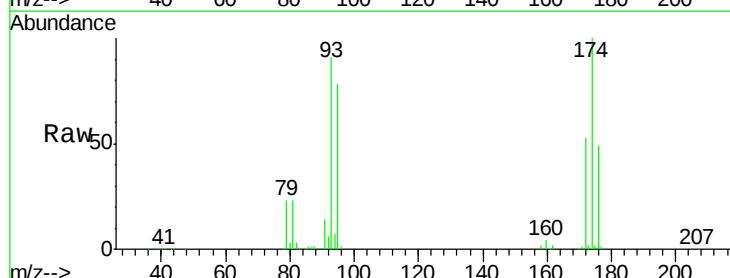
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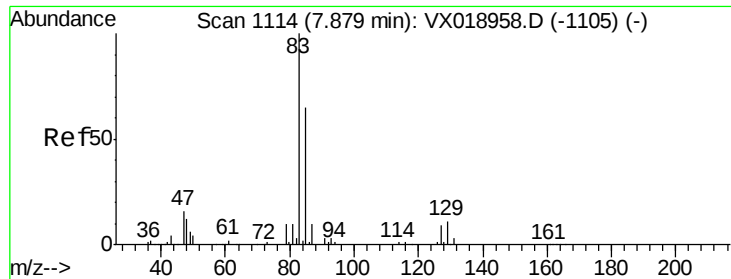
MMDadoda
 10/20/2020 4:52:07 PM



#46
 Dibromomethane
 Concen: 143.672 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Tgt Ion: 93 Resp: 134633
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.6 100.0
 174 107.8 73.8 110.8





#47

Bromodichloromethane

Concen: 144.928 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

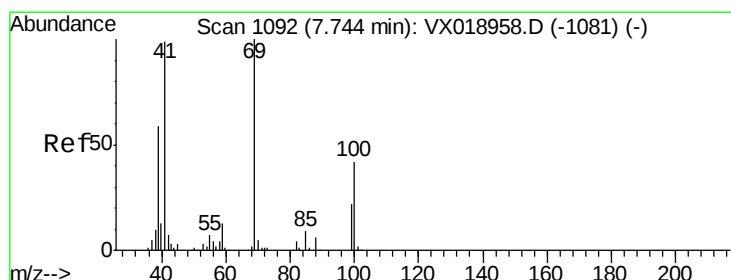
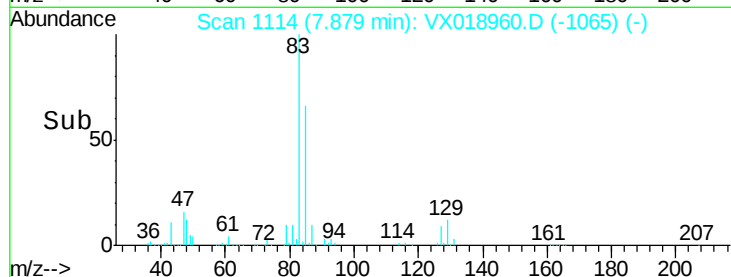
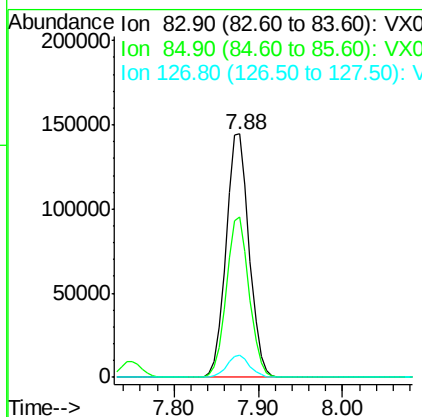
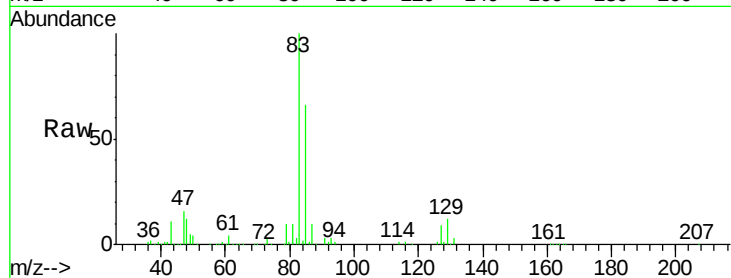
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	270438
Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.4	78.6
127	9.4	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 118.937 ug/l

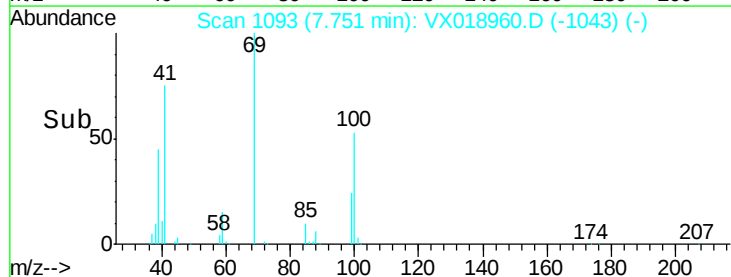
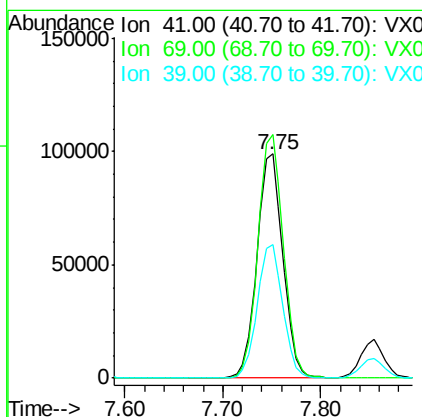
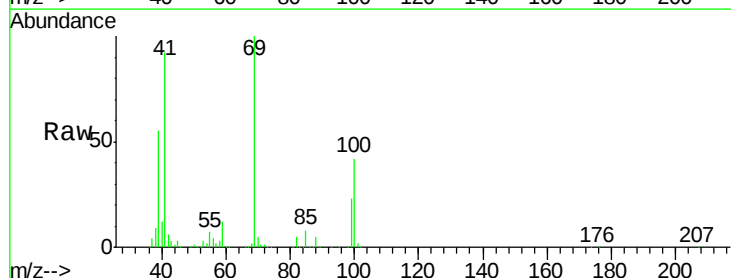
RT: 7.75 min Scan# 1093

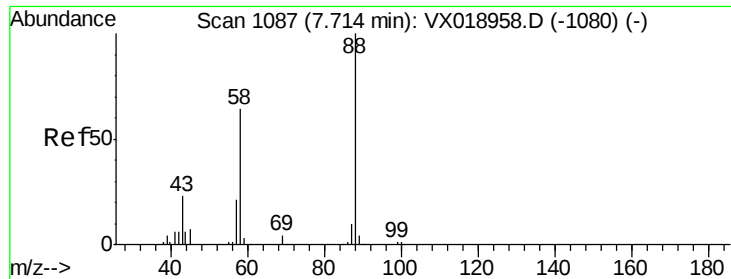
Delta R.T. 0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Tgt Ion:	41	Resp:	181622
Ion	Ratio	Lower	Upper
41	100		
69	107.1	82.4	123.6
39	58.9	48.1	72.1





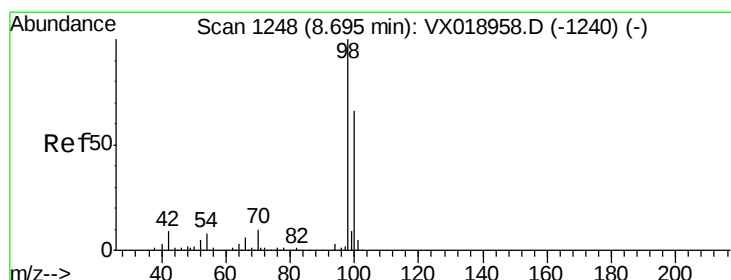
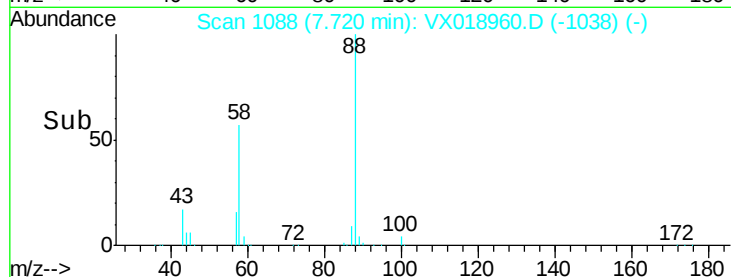
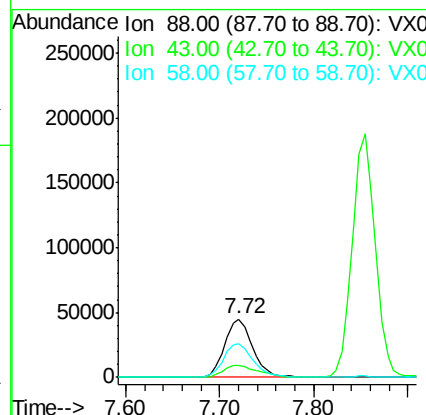
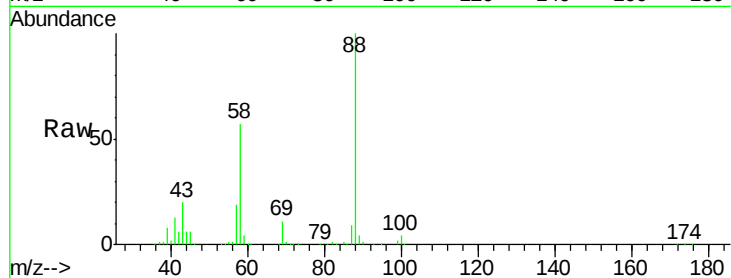
#49
1,4-Dioxane
Concen: 3231.355 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.0	21.1	31.7
58	60.7	50.3	75.5

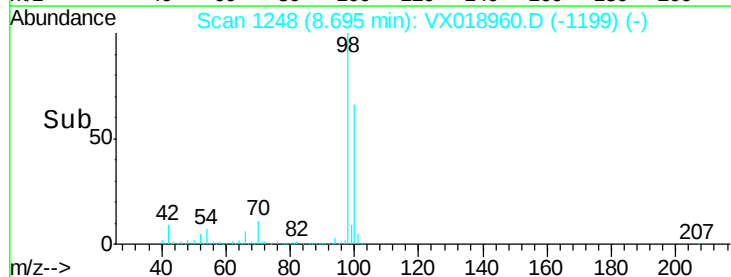
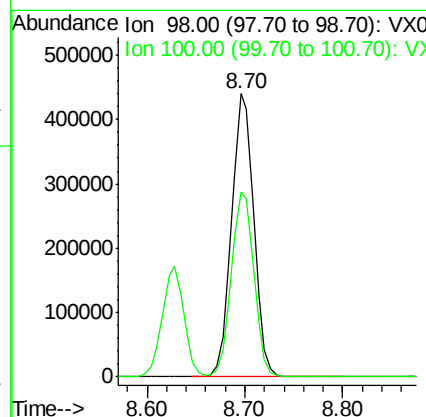
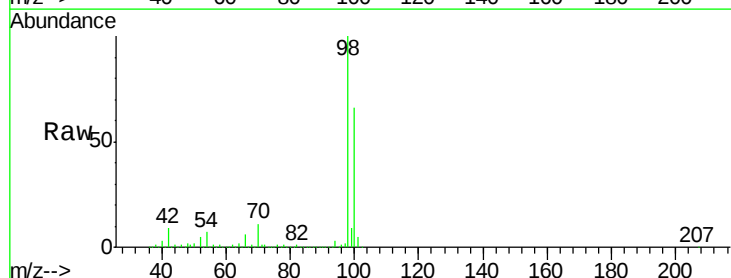
Manual Integrations
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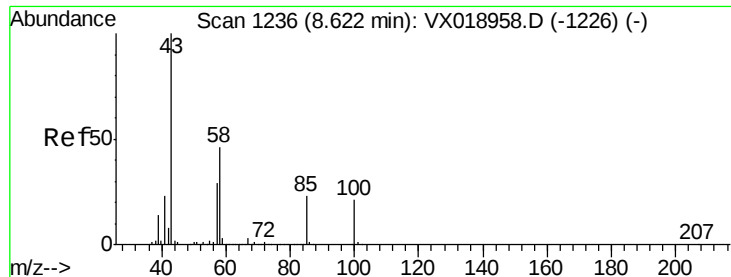
MMDadoda
10/20/2020 4:52:07 PM



#50
Toluene-d8
Concen: 151.095 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 620.878 ug/l

RT: 8.63 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1179826

Ion Ratio Lower Upper

43 100

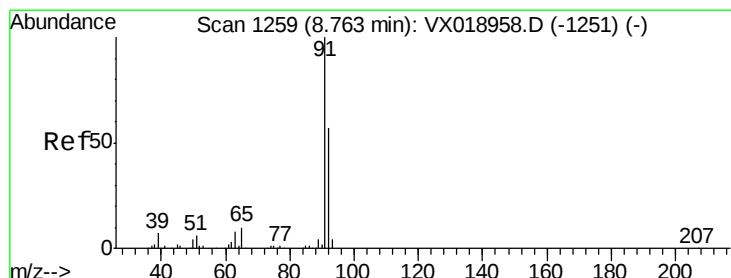
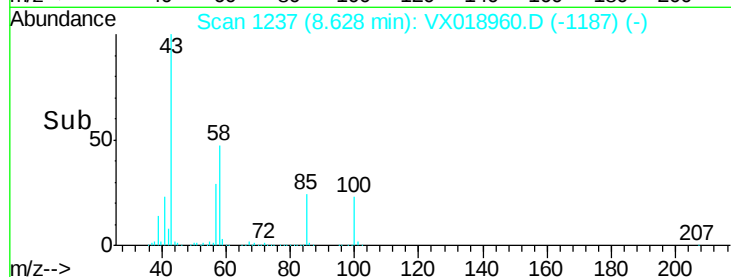
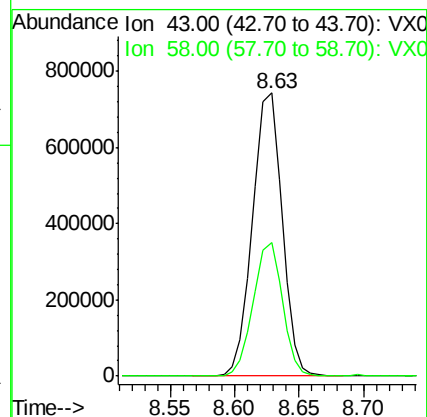
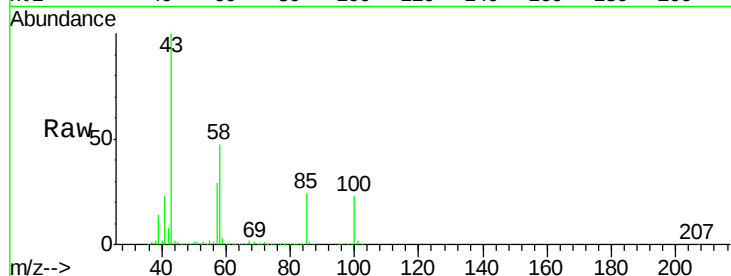
58 46.5 36.4 54.6

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#52

Toluene

Concen: 156.213 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018960.D

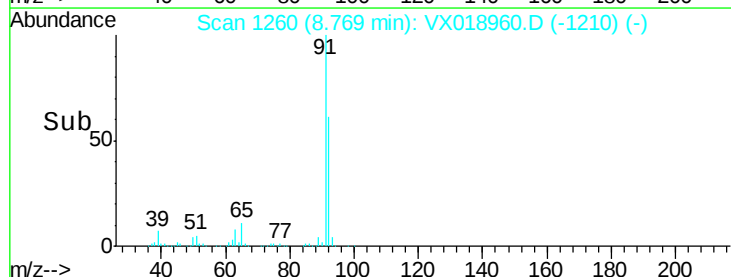
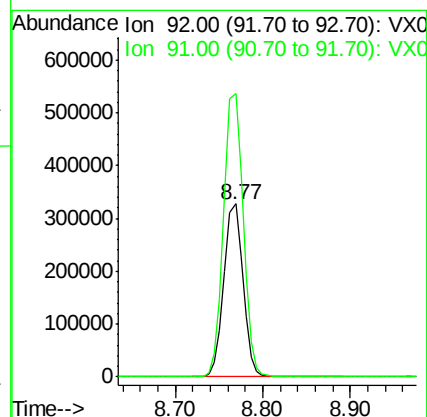
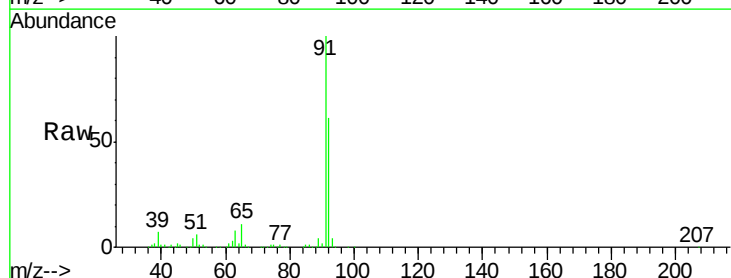
Acq: 19 Oct 2020 18:22

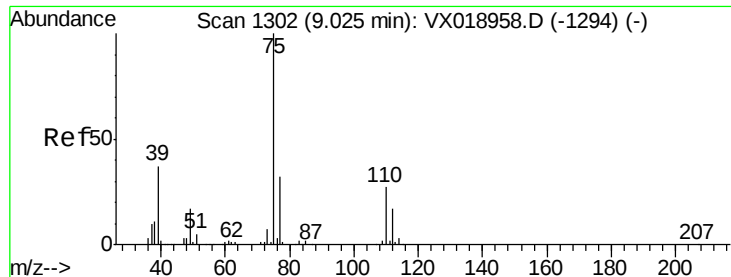
Tgt Ion: 92 Resp: 497606

Ion Ratio Lower Upper

92 100

91 168.2 137.1 205.7





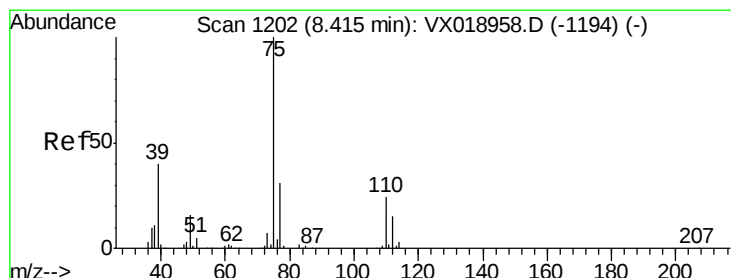
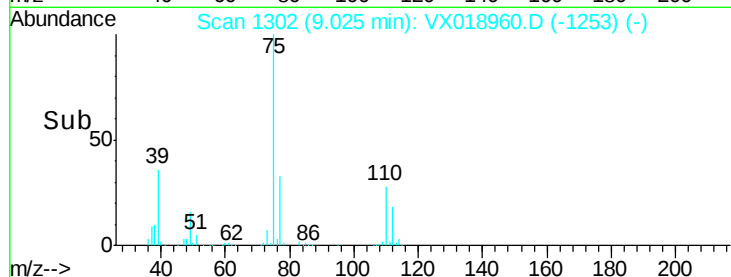
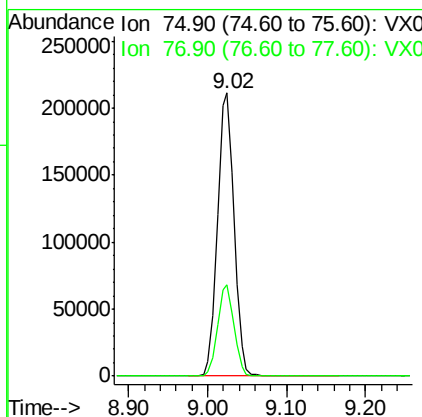
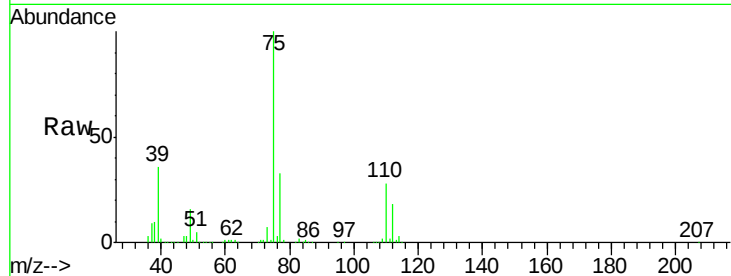
#53
t-1,3-Dichloropropene
Concen: 148.371 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.0	39.0

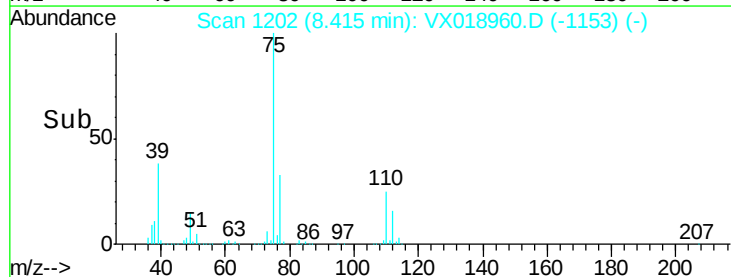
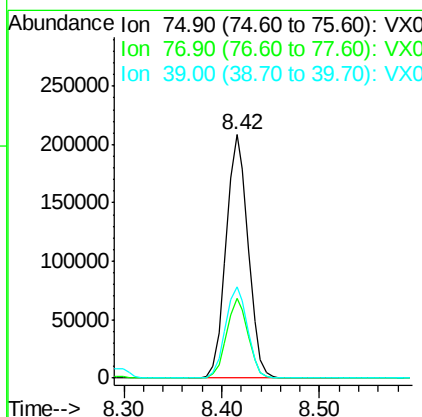
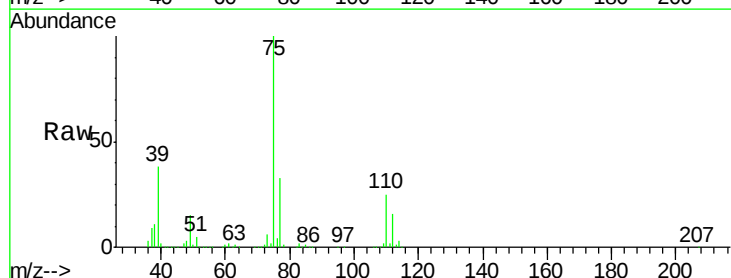
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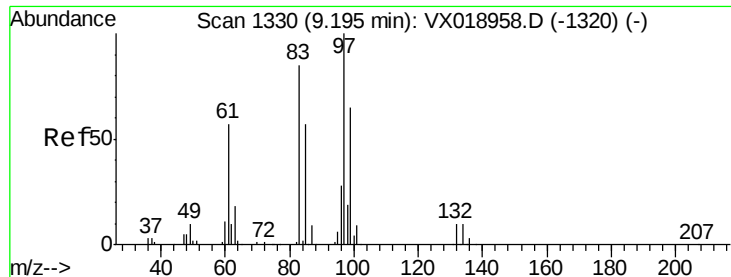
MMDadoda
10/20/2020 4:52:07 PM



#54
cis-1,3-Dichloropropene
Concen: 147.449 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.6	36.8
39	37.5	32.1	48.1





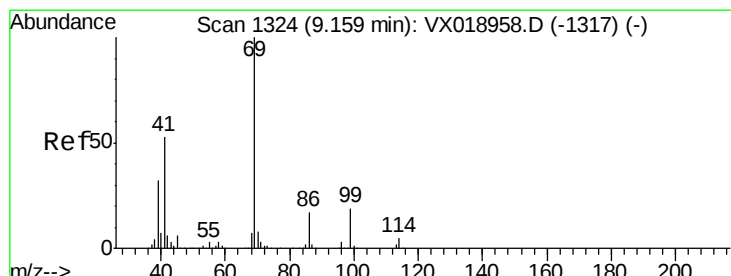
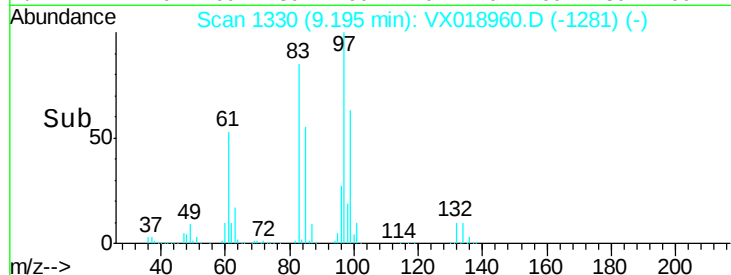
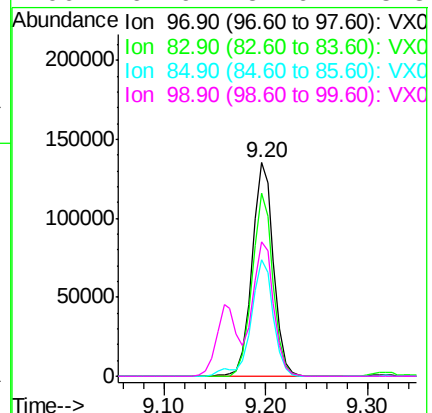
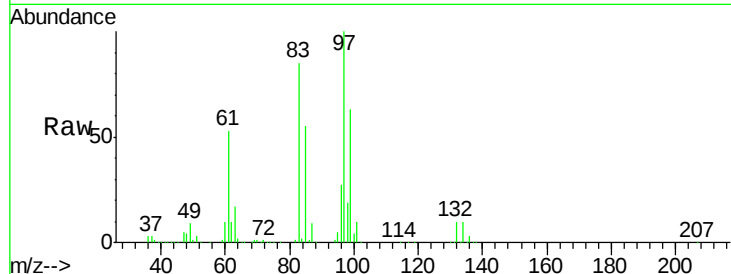
#55
 1,1,2-Trichloroethane
 Concen: 147.630 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		198082		
83	85.5	67.8	101.8		
85	54.8	45.7	68.5		
99	62.9	52.6	78.8		

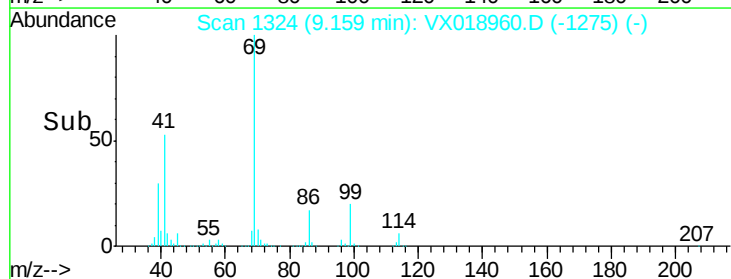
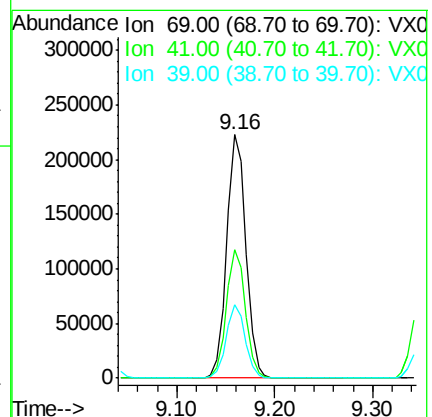
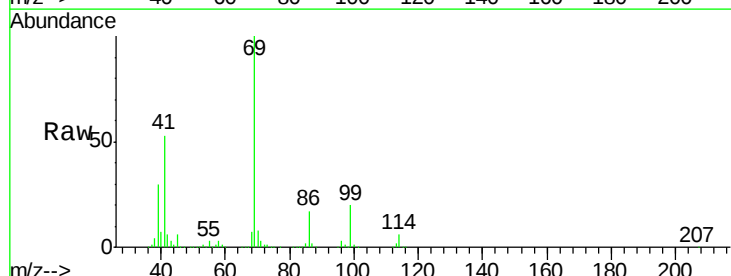
Manual Integrations
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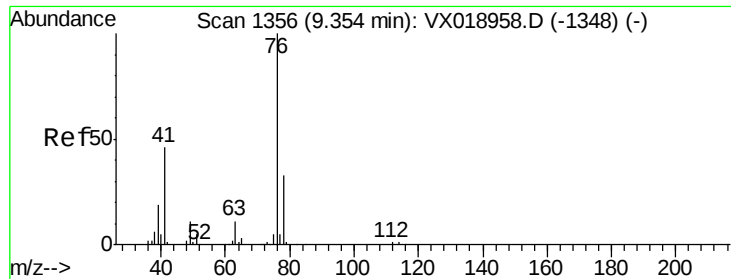
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 10/20/2020 4:52:07 PM



#56
 Ethyl methacrylate
 Concen: 151.867 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		303403		
41	52.4	43.4	65.2		
39	29.8	25.0	37.4		





#57

1,3-Dichloropropane

Concen: 144.181 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 318713

Ion Ratio Lower Upper

76 100

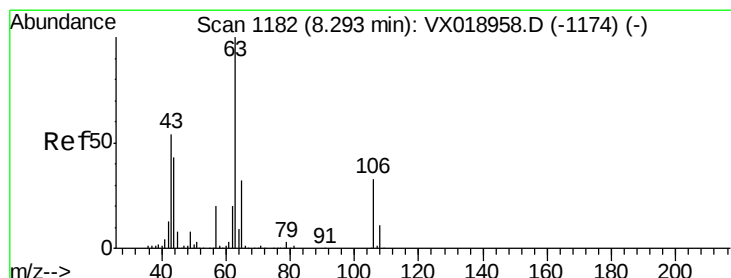
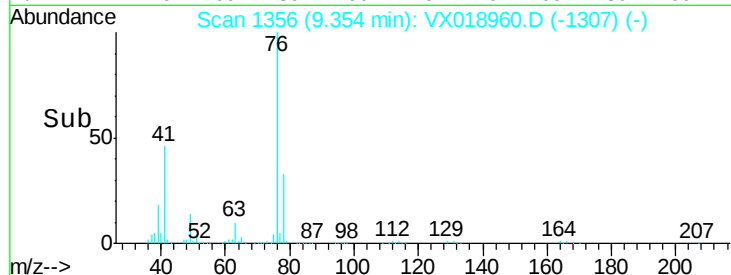
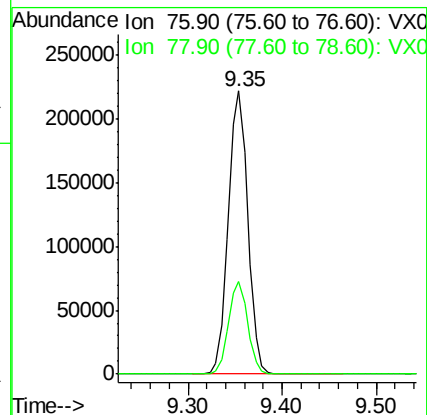
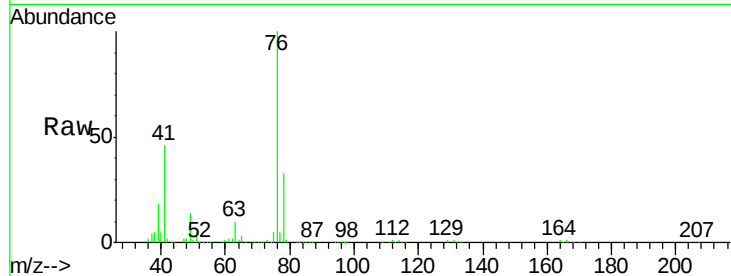
78 32.3 26.2 39.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 838.448 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018960.D

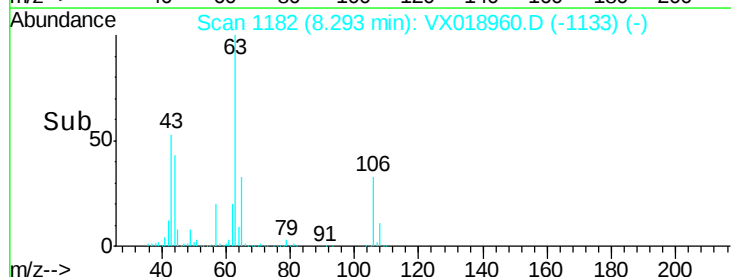
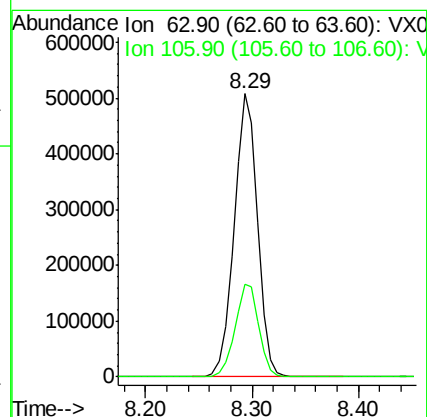
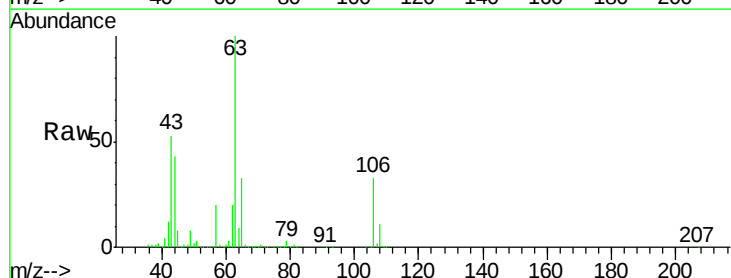
Acq: 19 Oct 2020 18:22

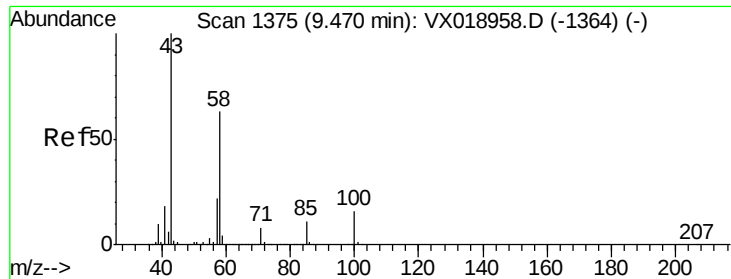
Tgt Ion: 63 Resp: 775651

Ion Ratio Lower Upper

63 100

106 33.4 24.8 37.2





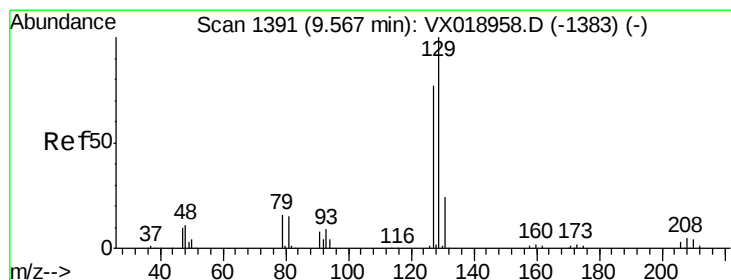
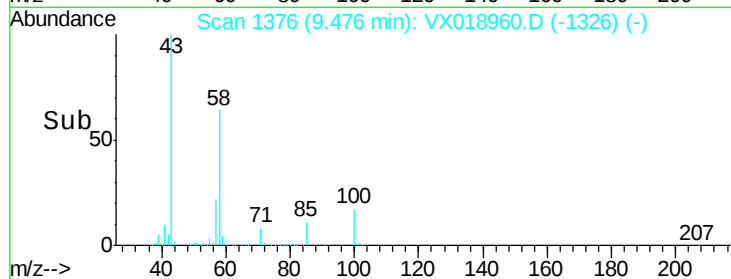
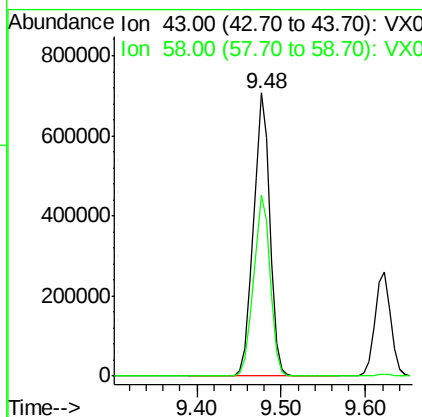
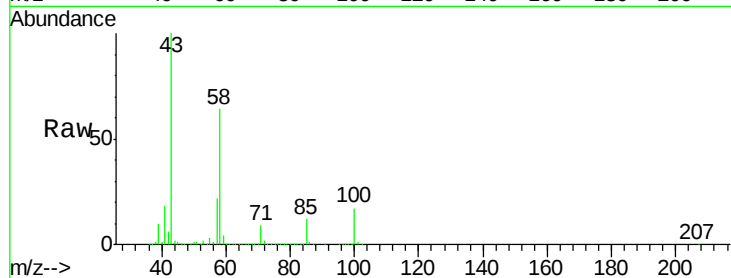
#59
2-Hexanone
Concen: 637.206 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	43	Resp	918343
Ion Ratio	100	Lower	Upper
43	100		
58	64.8	31.7	95.1

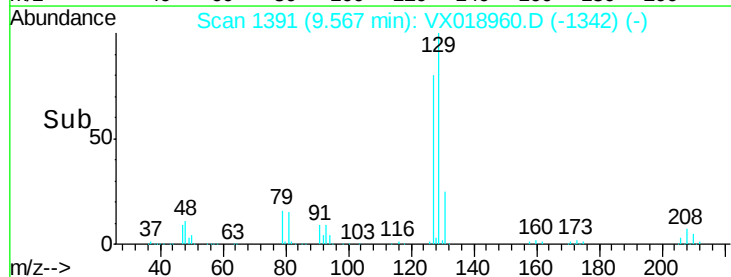
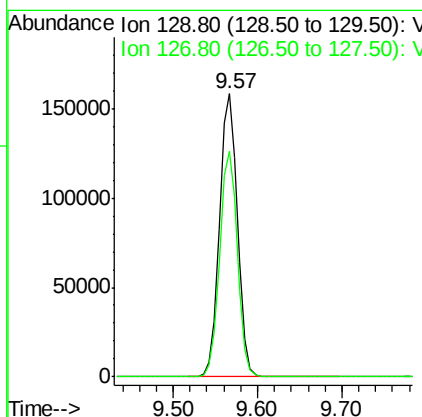
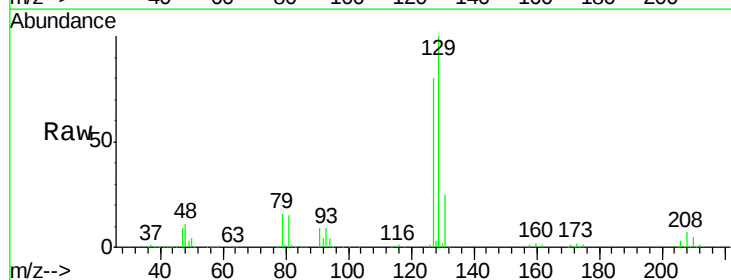
Manual Integrations
APPROVED

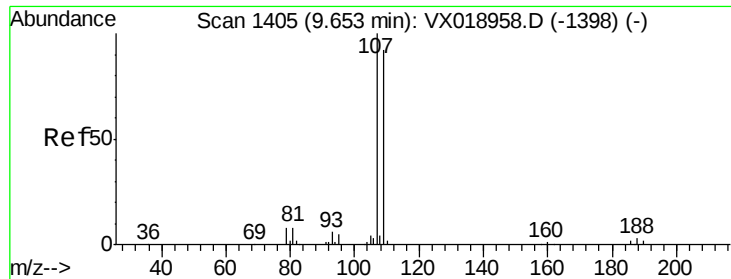
MMDadoda
10/20/2020 4:52:07 PM



#60
Dibromochloromethane
Concen: 149.364 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	129	Resp	233491
Ion Ratio	100	Lower	Upper
129	100		
127	79.0	38.8	116.4





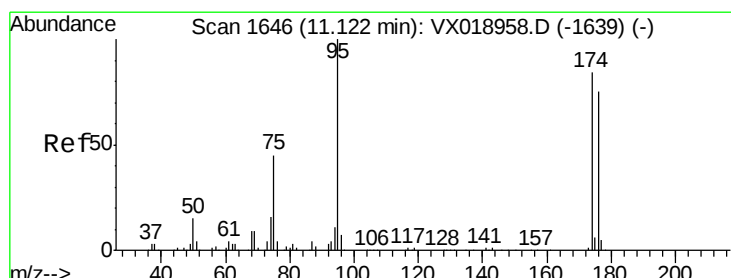
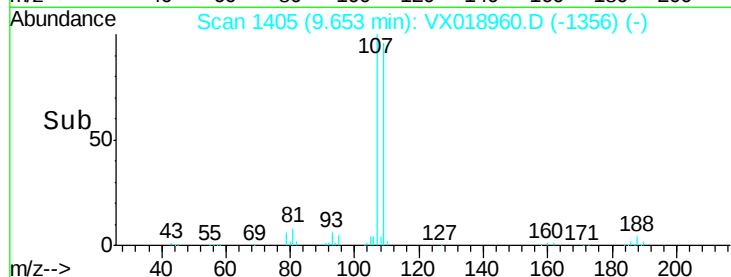
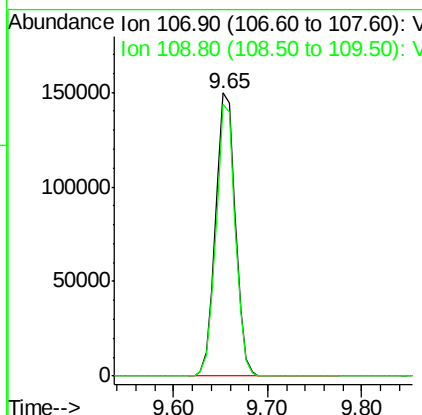
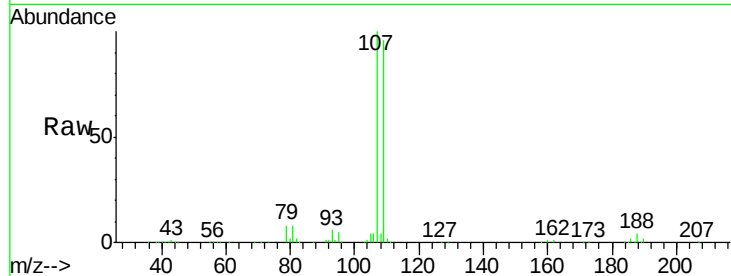
#61
 1,2-Dibromoethane
 Concen: 149.767 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
107	100	218190		
109	93.8	75.2	112.8	

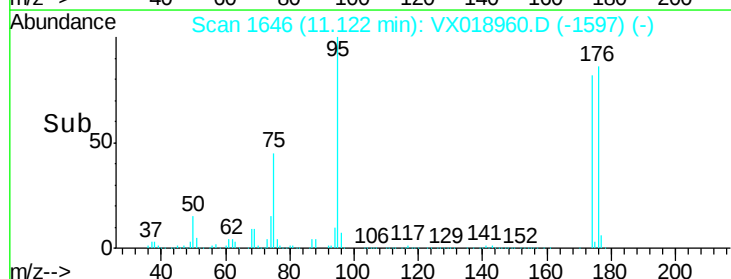
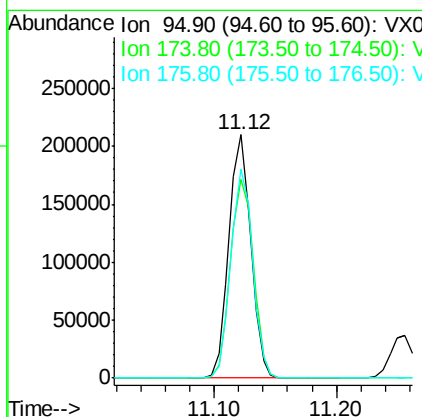
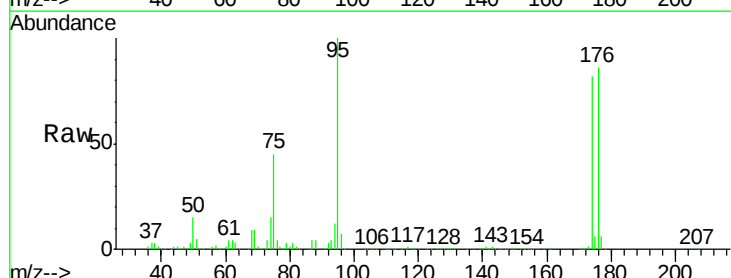
Manual Integrations
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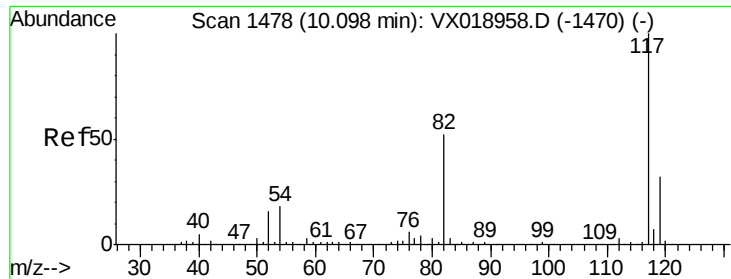
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 146.279 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	259734		
174	85.3	0.0	164.6	
176	85.0	0.0	154.6	





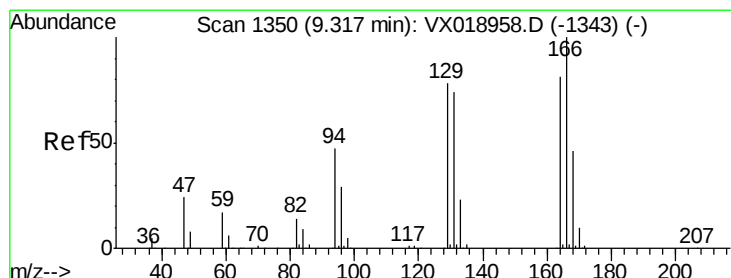
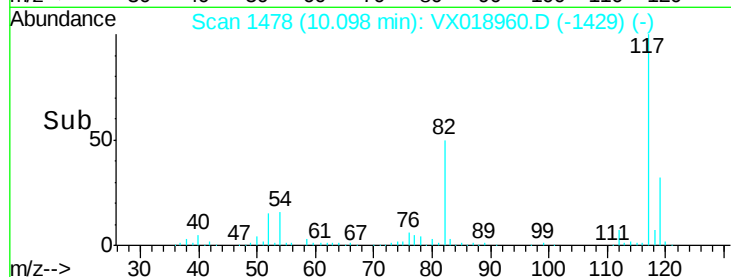
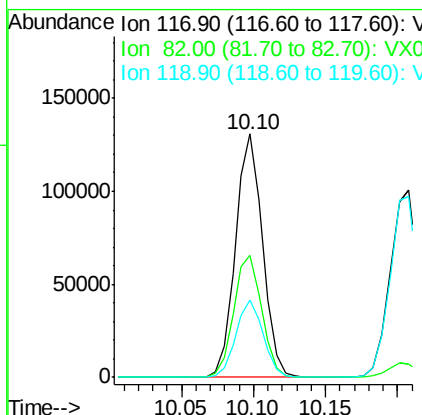
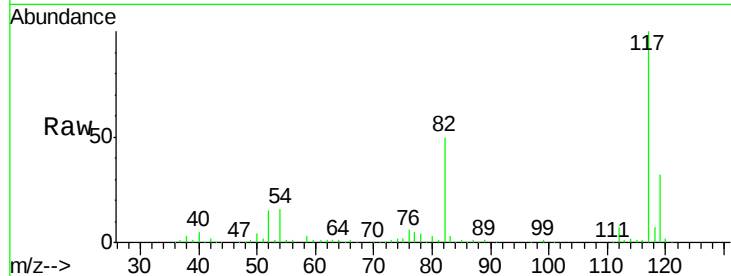
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	41.6	62.4
119	31.7	25.4	38.2

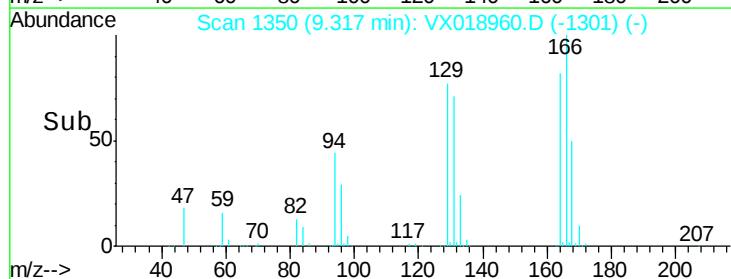
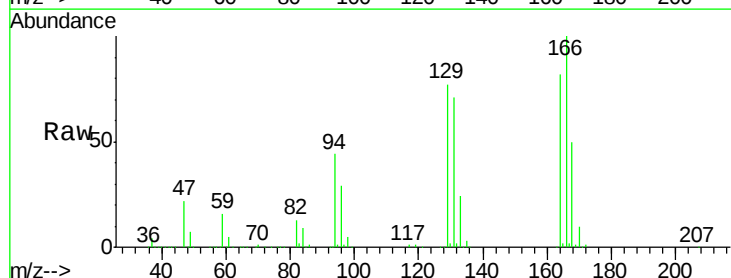
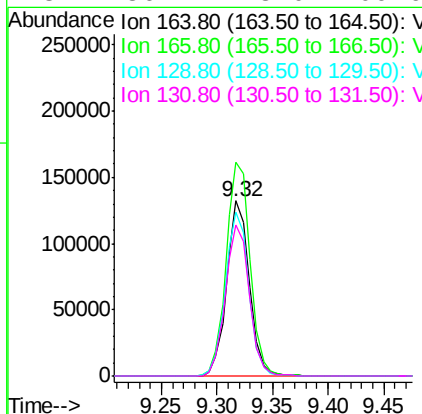
Manual Integrations
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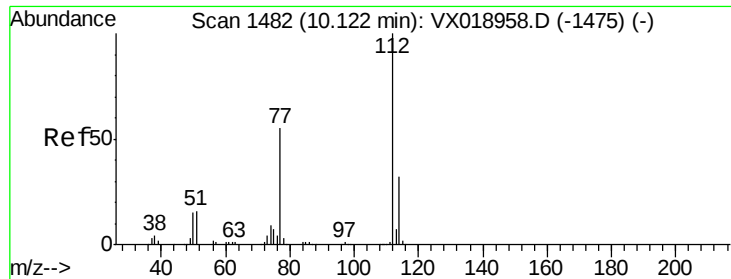
MMDadoda
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#64
Tetrachloroethene
Concen: 148.448 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.0	98.9	148.3
129	93.6	77.0	115.4
131	86.1	73.0	109.6





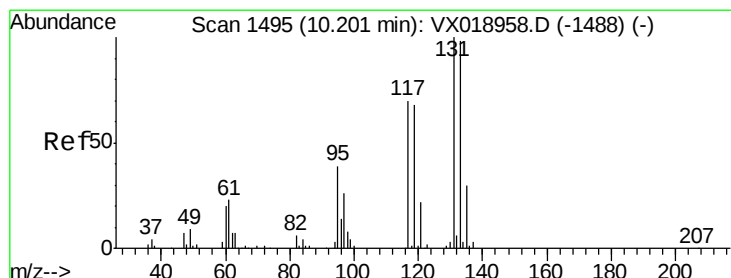
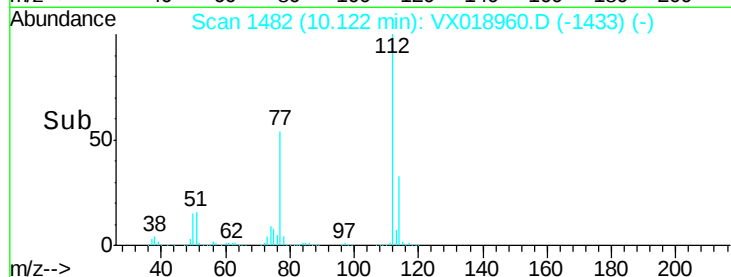
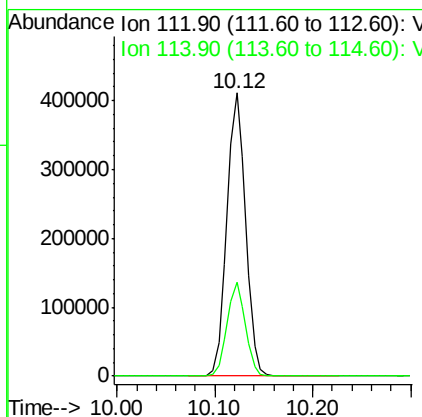
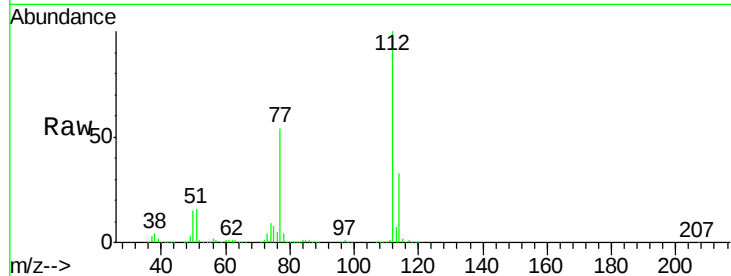
#65
Chlorobenzene
Concen: 158.784 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.3	25.6	38.4

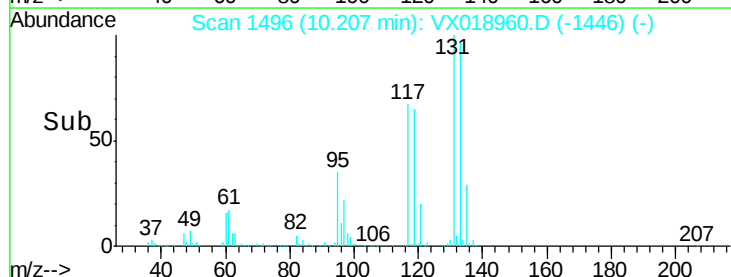
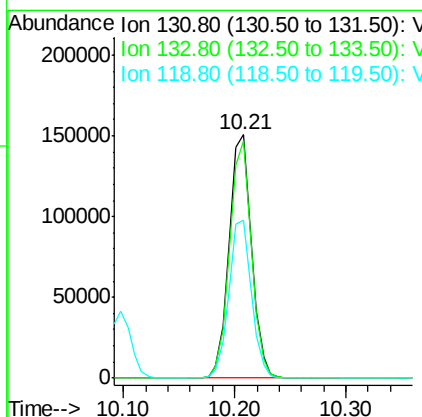
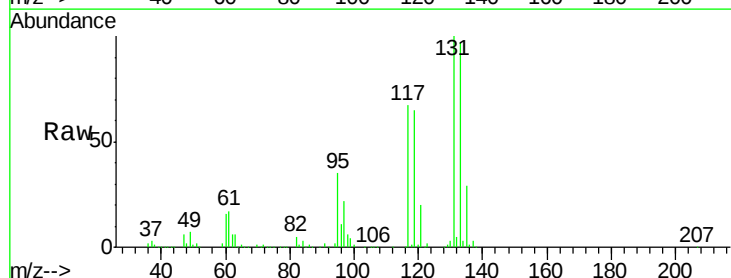
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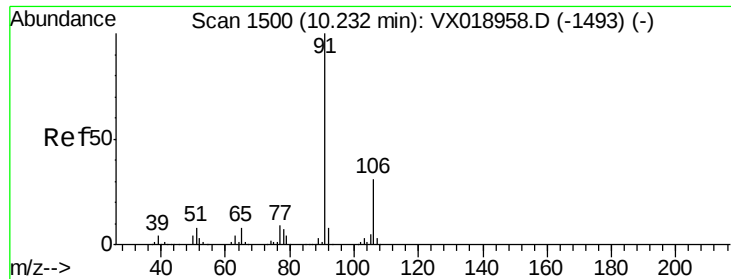
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#66
1,1,1,2-Tetrachloroethane
Concen: 156.581 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.4	142.2
119	65.2	33.5	100.4





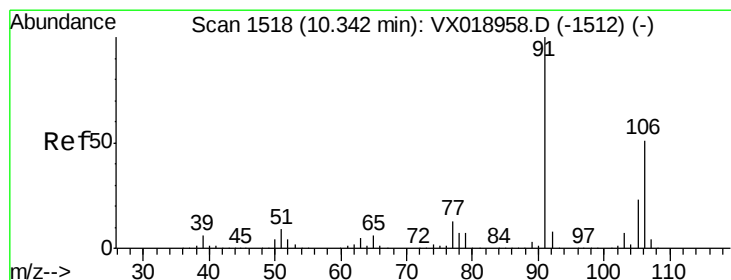
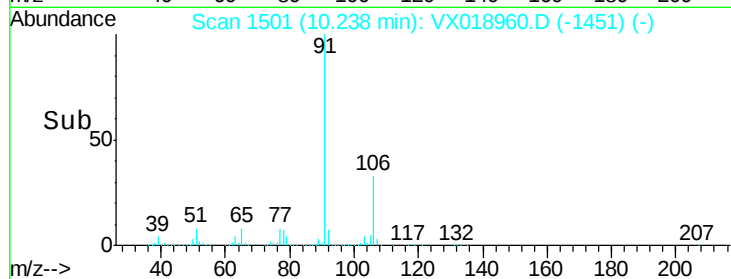
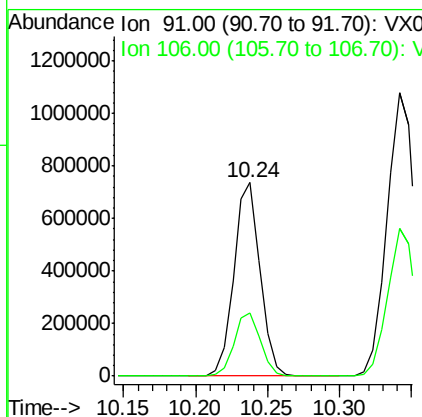
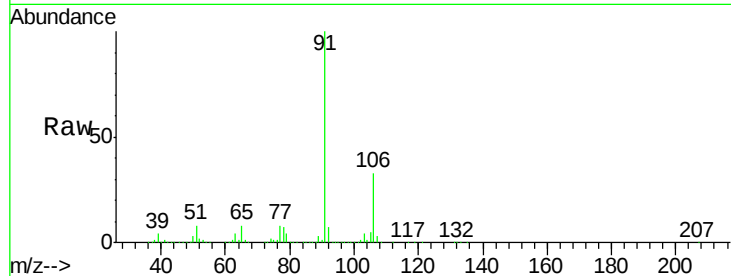
#67
Ethyl Benzene
Concen: 159.788 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 936779
Ion Ratio Lower Upper
91 100
106 32.8 24.7 37.1

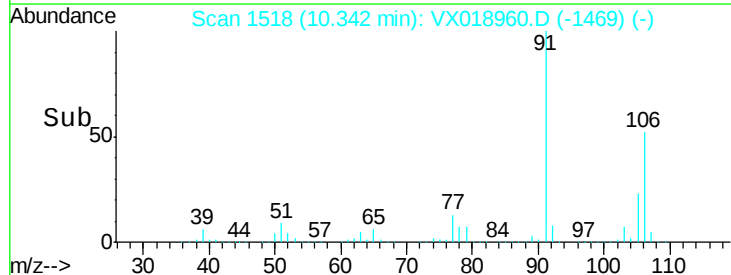
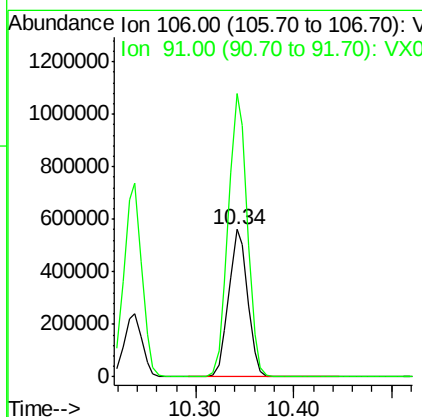
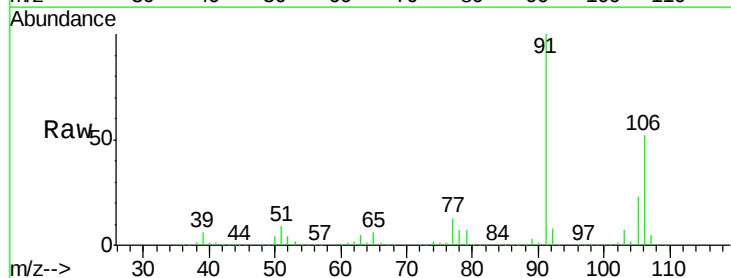
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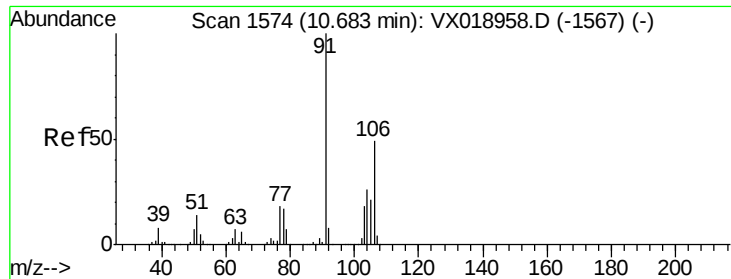
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#68
m/p-Xylenes
Concen: 342.807 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion: 106 Resp: 753583
Ion Ratio Lower Upper
106 100
91 193.8 156.7 235.1





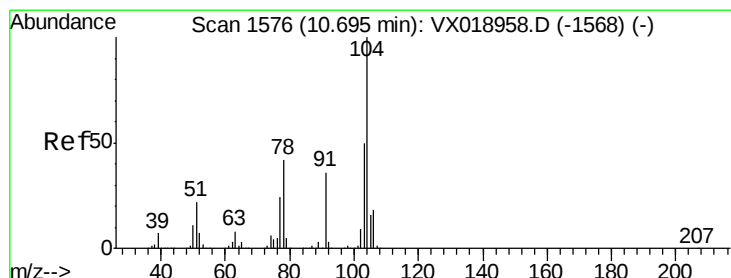
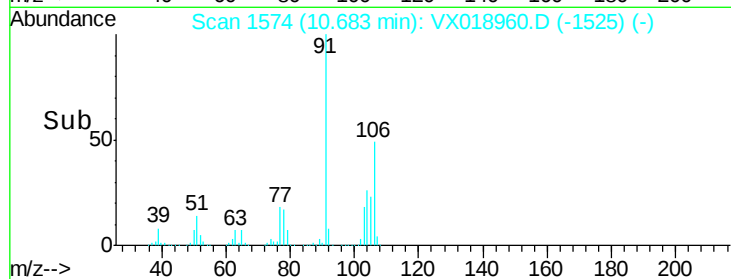
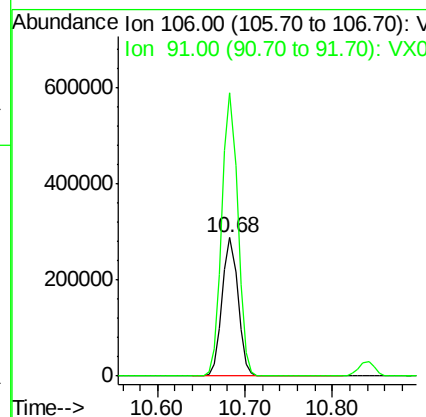
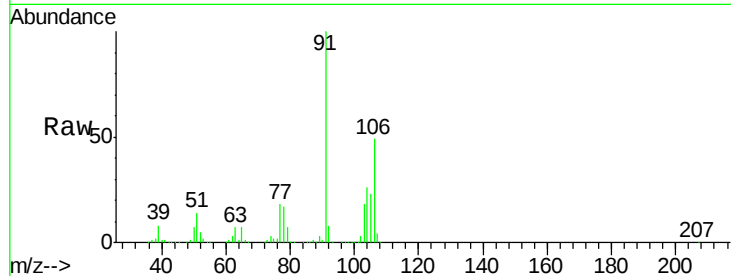
#69
o-Xylene
Concen: 168.940 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		361444		
91	205.3	102.4	307.1		

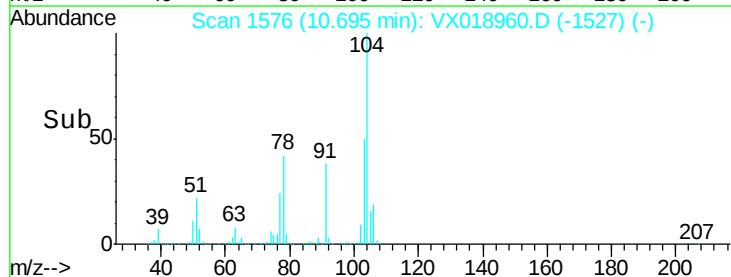
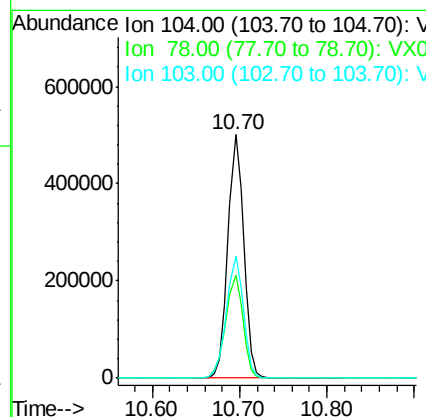
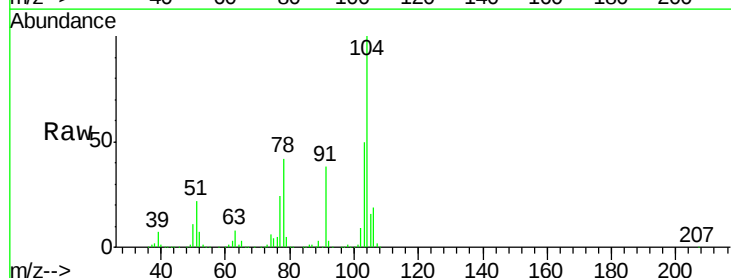
Manual Integrations
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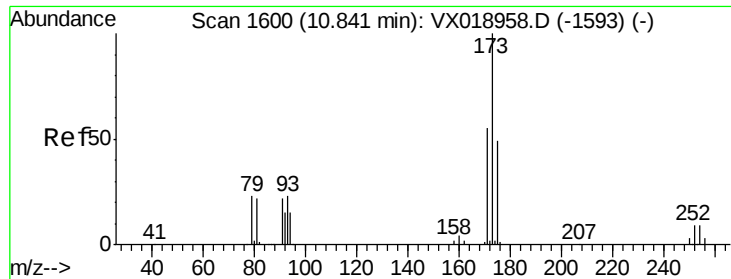
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#70
Styrene
Concen: 172.632 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		625071		
78	46.4	37.9	56.9		
103	54.0	43.7	65.5		





#71

Bromoform

Concen: 169.692 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 193422

Ion Ratio Lower Upper

173 100

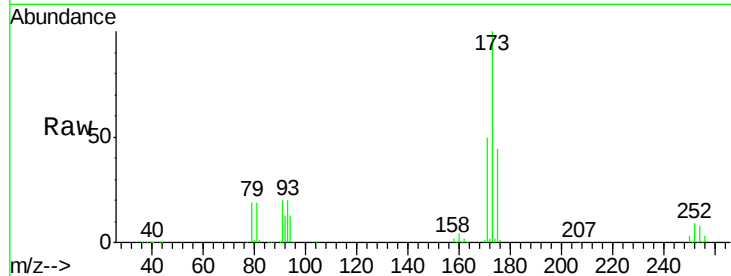
175 48.6 23.7 71.1

254 0.1 0.0 0.0#

Manual Integrations
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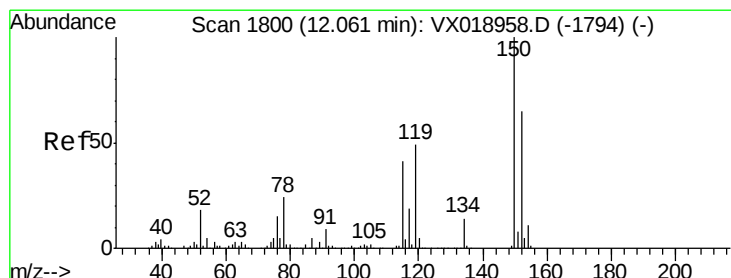
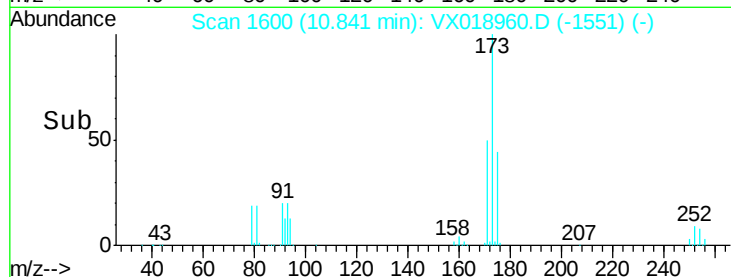
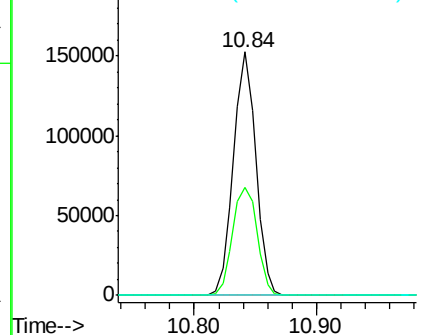
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

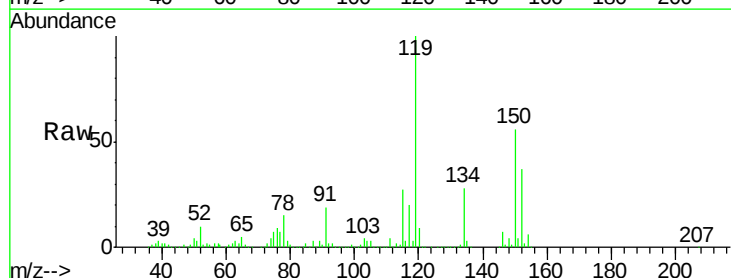
Tgt Ion:152 Resp: 94369

Ion Ratio Lower Upper

152 100

115 124.4 40.8 122.2#

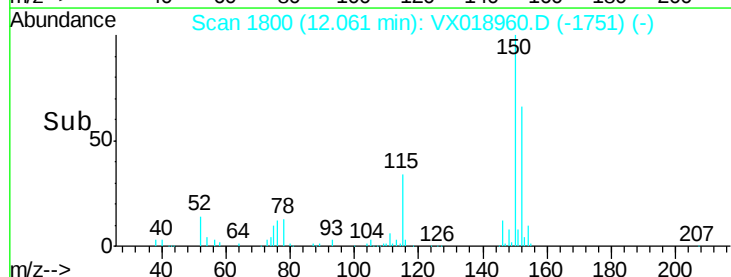
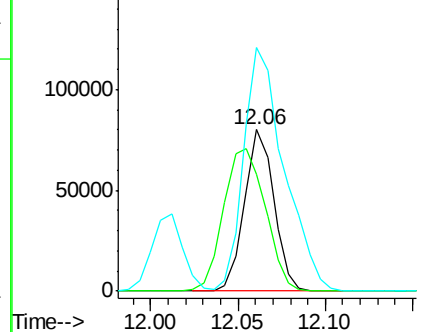
150 206.8 0.0 352.0

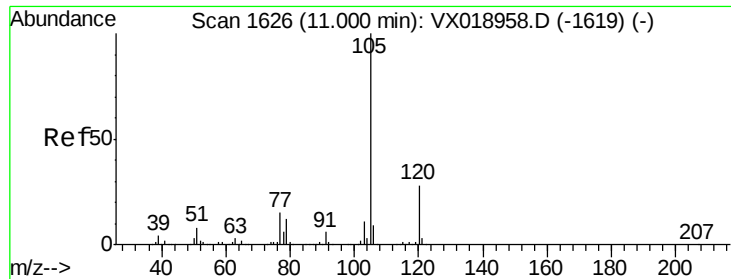


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 151.931 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 946214

Ion Ratio Lower Upper

105 100

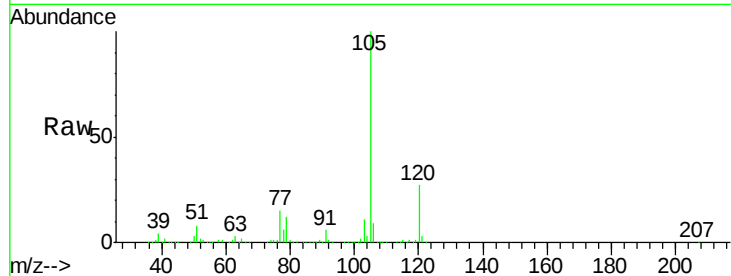
120 28.0 13.9 41.7

Manual Integrations

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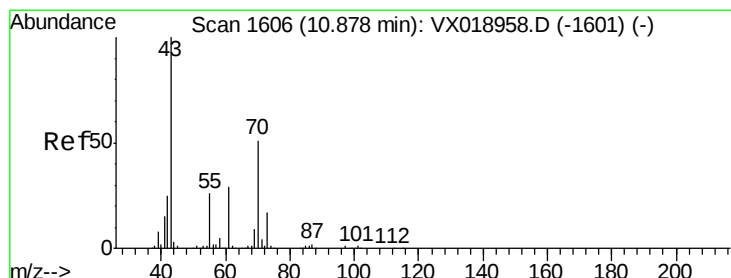
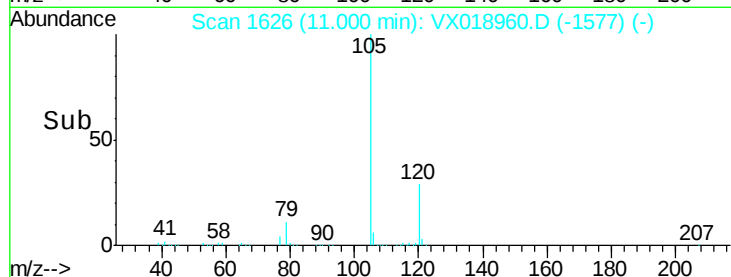
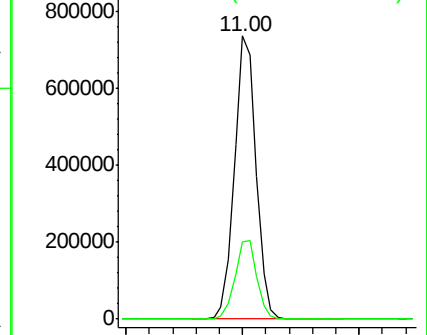
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 121.535 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Tgt Ion: 43 Resp: 341419

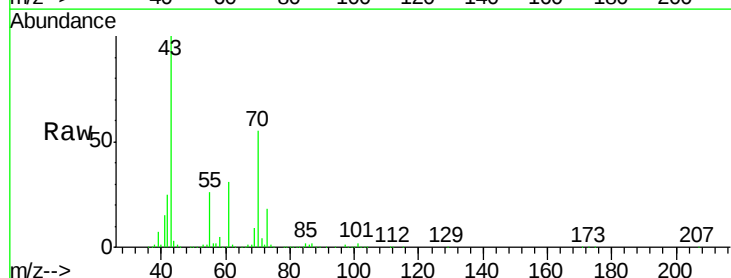
Ion Ratio Lower Upper

43 100

70 53.5 42.4 63.6

55 26.0 21.0 31.6

61 29.5 23.2 34.8

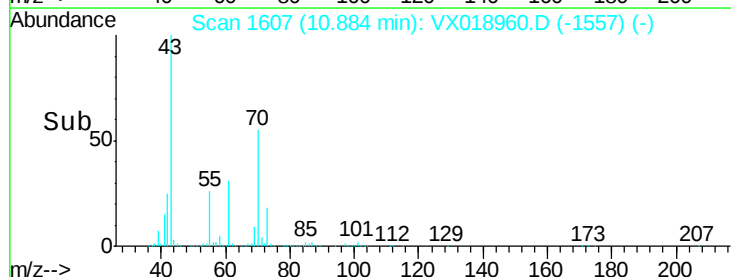
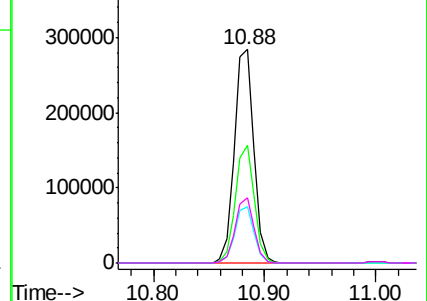


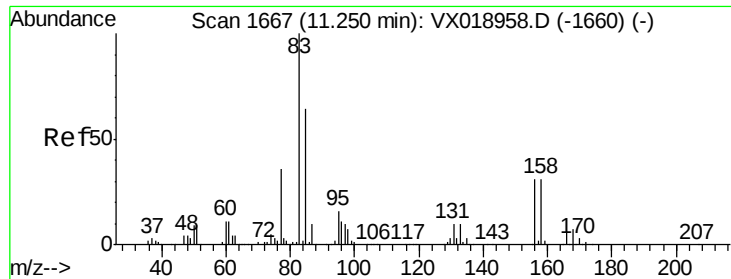
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 141.391 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 309869
Ion Ratio Lower Upper

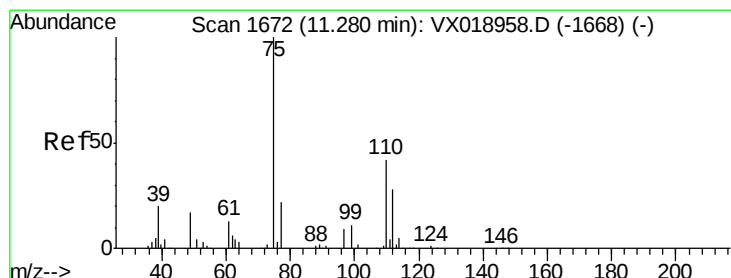
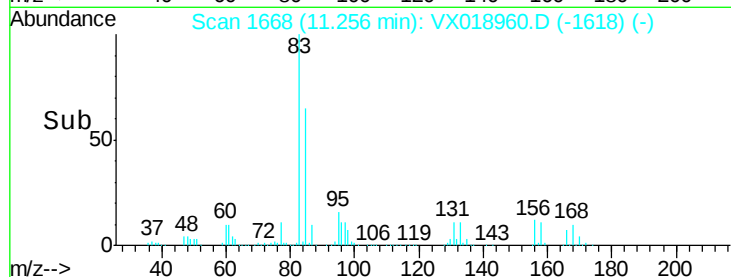
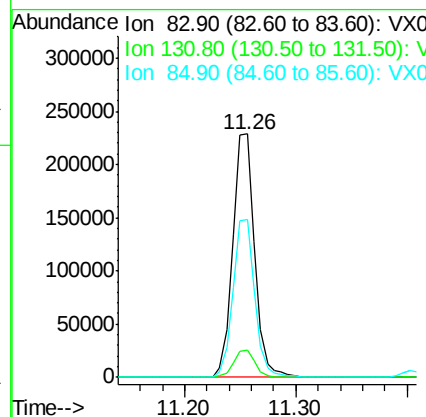
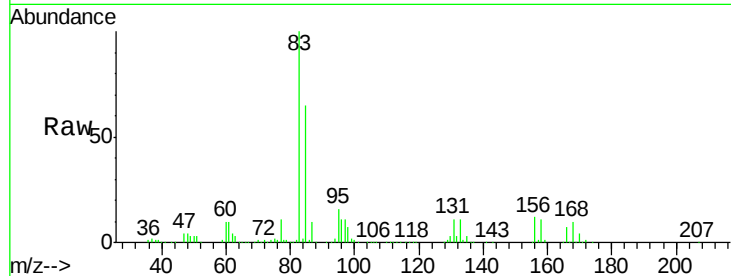
83 100

131 11.0 5.3 15.9

85 64.6 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 132.094 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

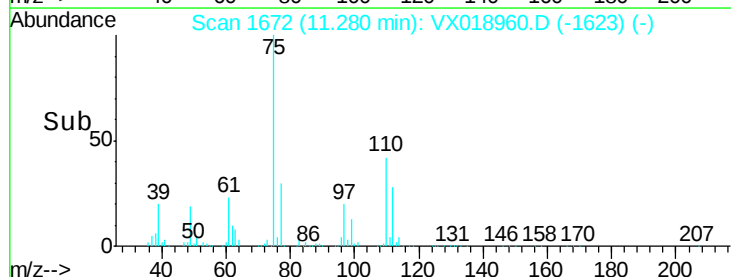
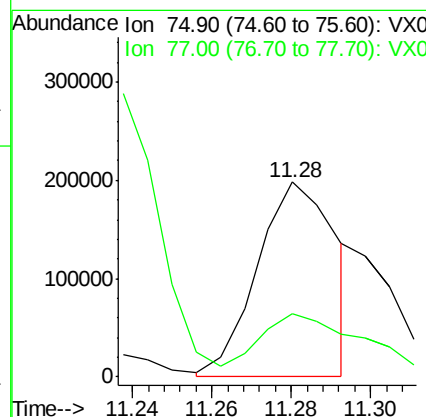
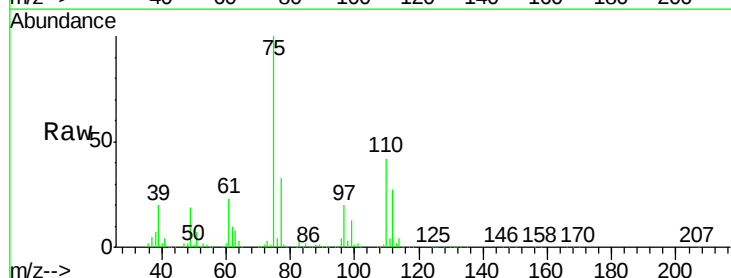
Lab File: VX018960.D

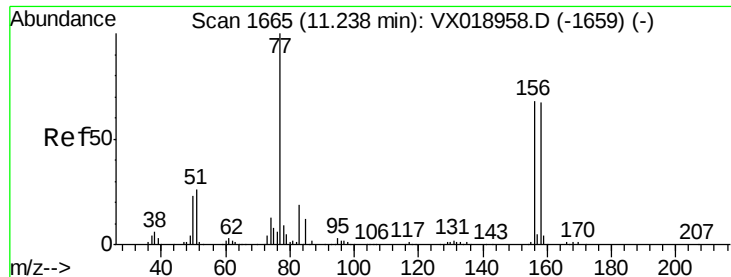
Acq: 19 Oct 2020 18:22

Tgt Ion: 75 Resp: 274030
Ion Ratio Lower Upper

75 100

77 43.2 21.1 63.1





#77

Bromobenzene

Concen: 152.365 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

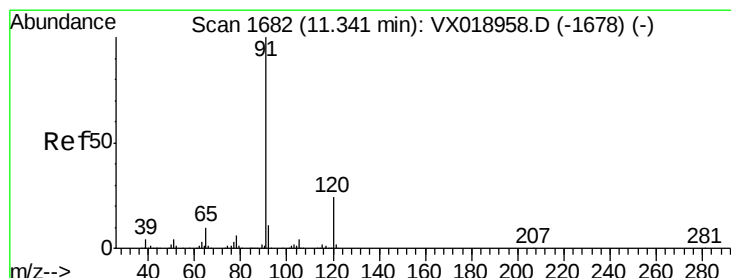
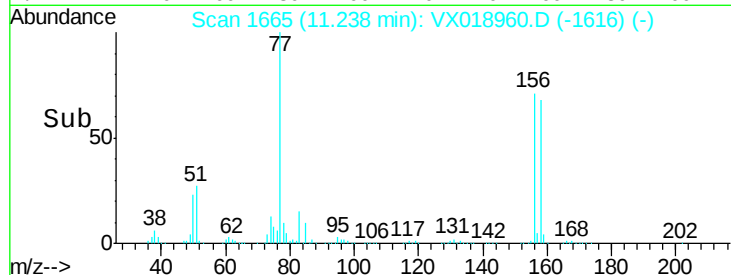
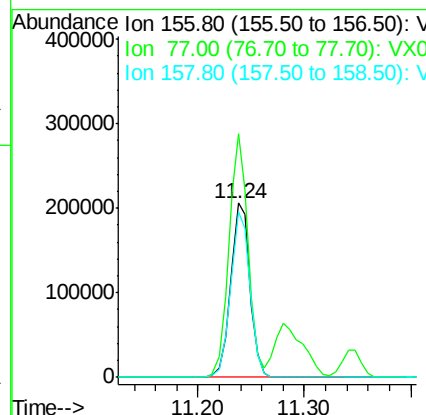
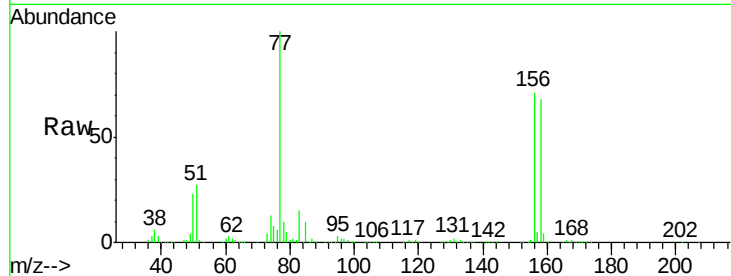
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	259827
Ion Ratio	Lower	Upper	
156	100		
77	138.3	77.4	232.2
158	95.4	50.6	151.9

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#78

n-propylbenzene

Concen: 152.241 ug/l

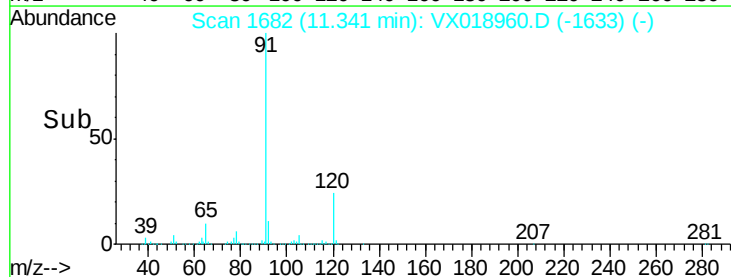
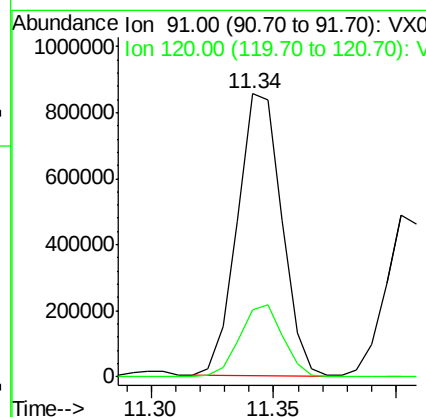
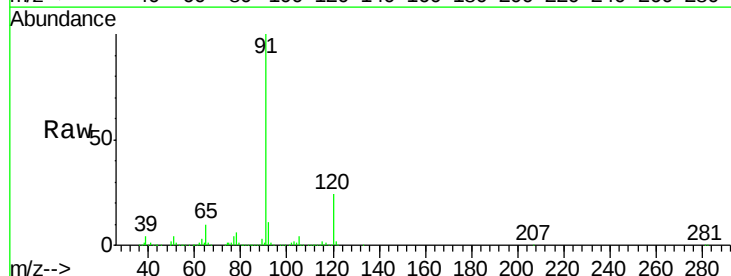
RT: 11.34 min Scan# 1682

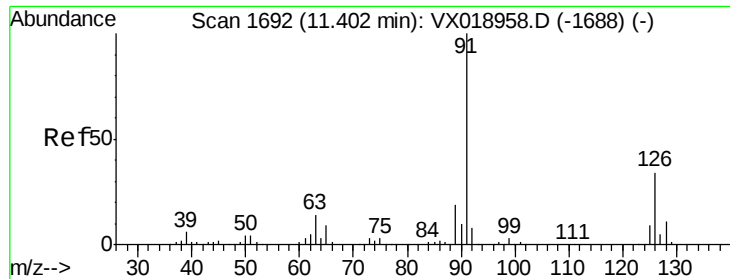
Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Tgt Ion:	91	Resp:	1078242
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.2	36.4





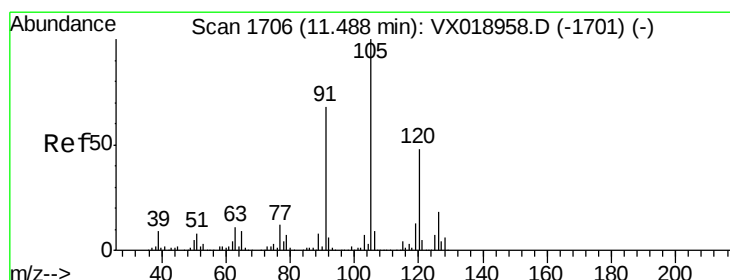
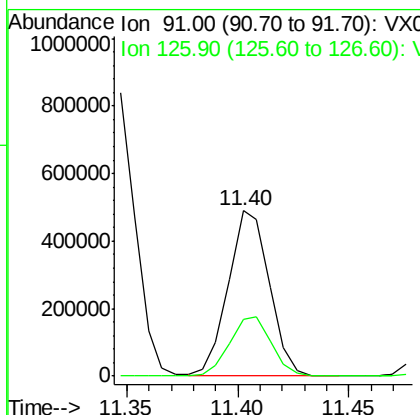
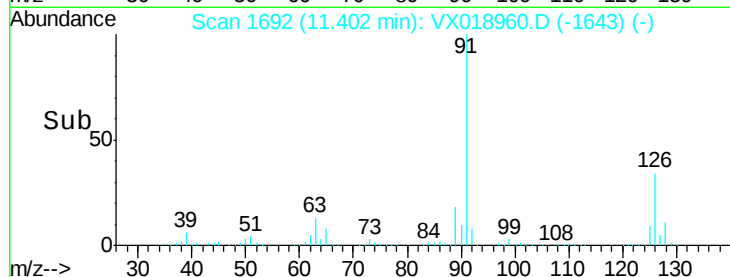
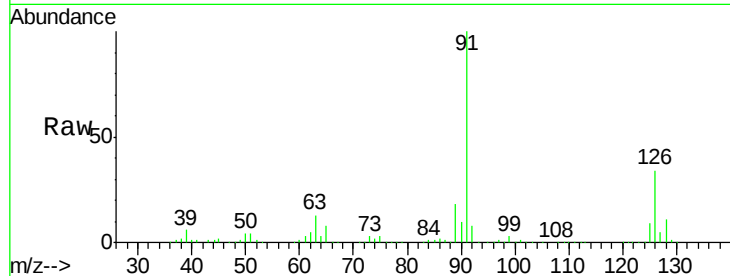
#79
 2-Chlorotoluene
 Concen: 144.510 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 91 Resp: 627075
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.6 52.9

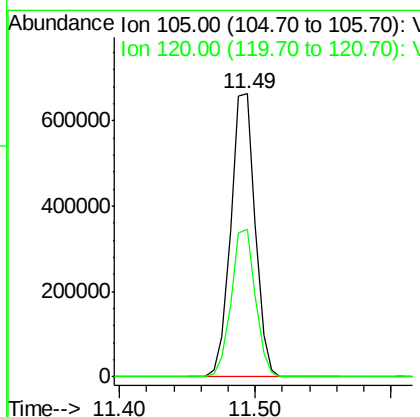
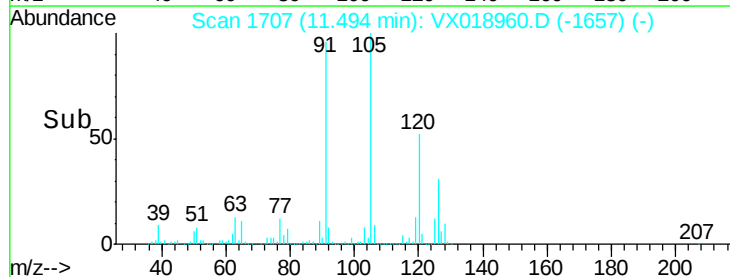
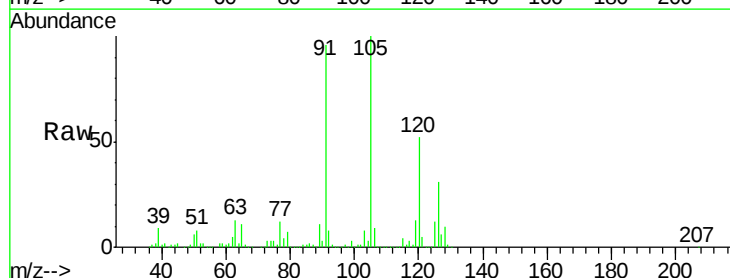
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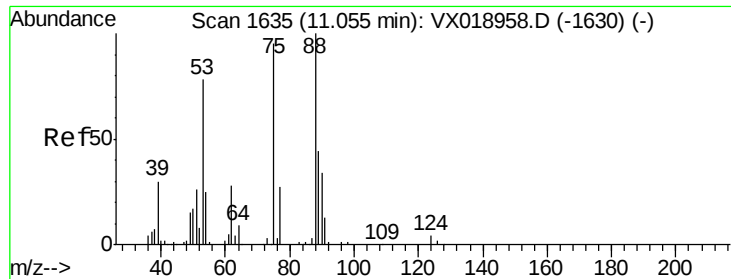
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#80
 1,3,5-Trimethylbenzene
 Concen: 160.279 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Tgt Ion: 105 Resp: 823443
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.1 75.3





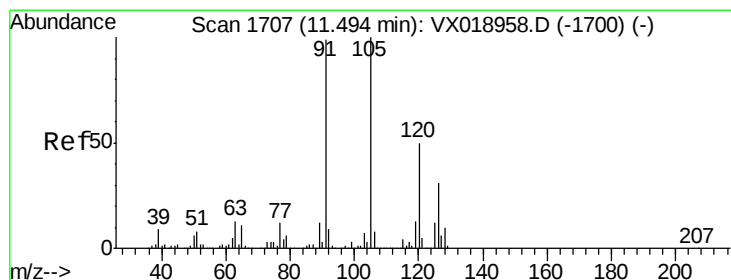
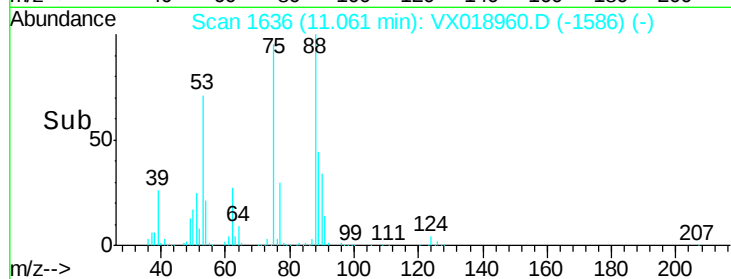
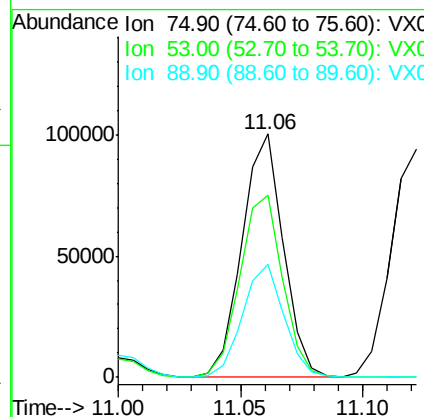
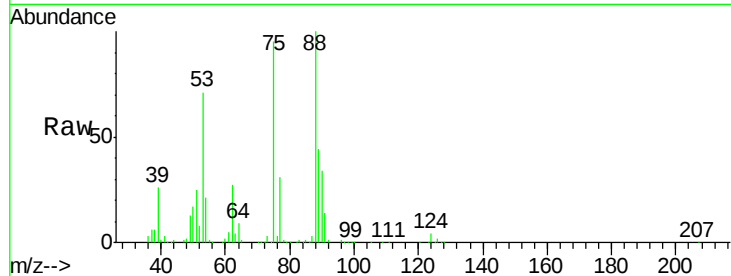
#81
trans-1,4-Dichloro-2-butene
Concen: 151.114 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	78.0	64.2	96.2
89	47.1	38.6	58.0

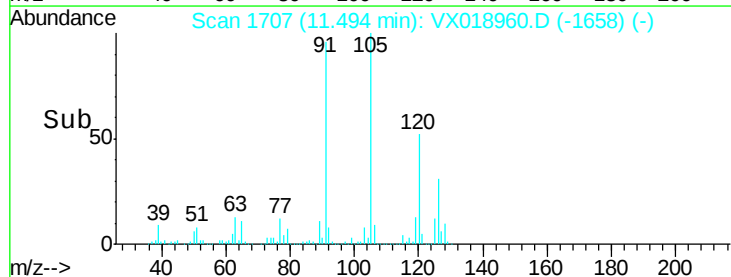
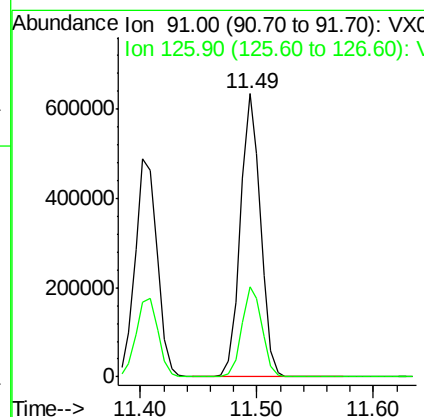
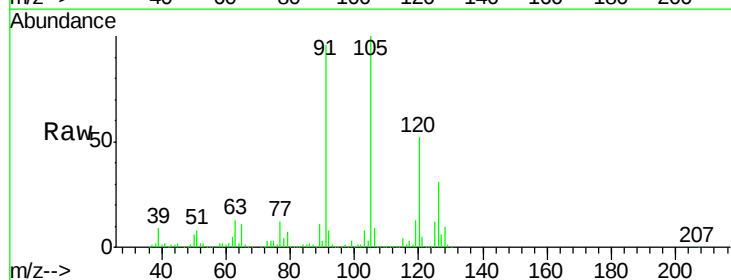
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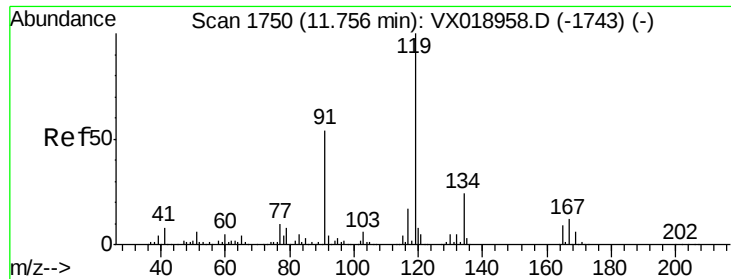
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#82
4-Chlorotoluene
Concen: 147.951 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	15.8	47.4





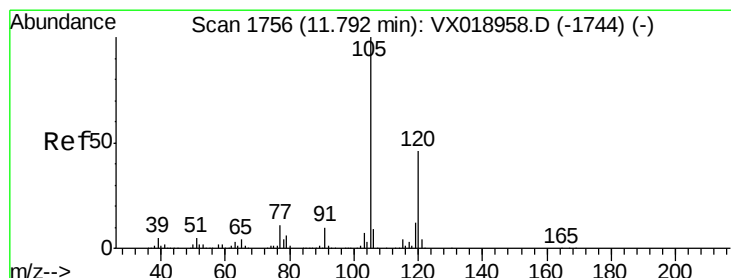
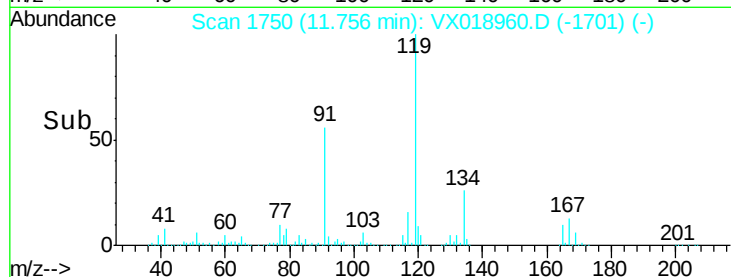
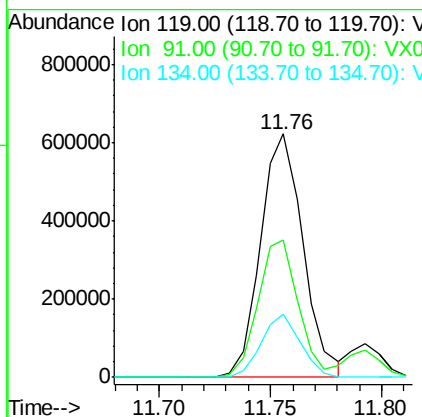
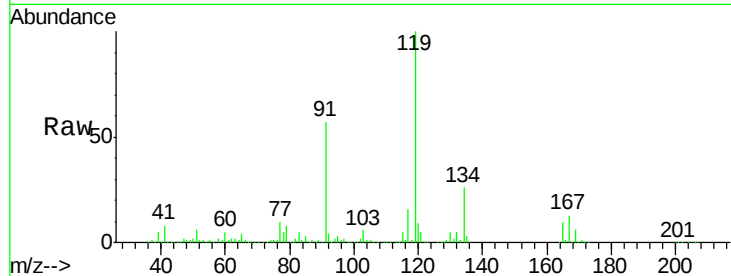
#83
 tert-Butylbenzene
 Concen: 162.077 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
119	100	826816		
91	53.4	27.2	81.6	
134	23.8	11.8	35.4	

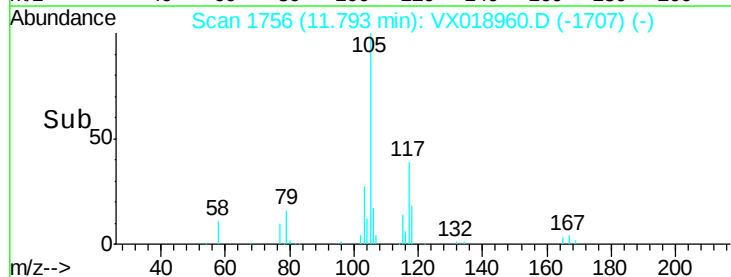
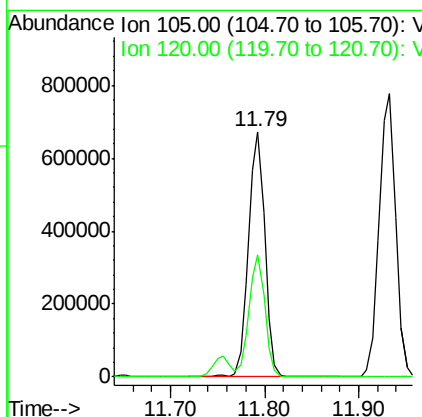
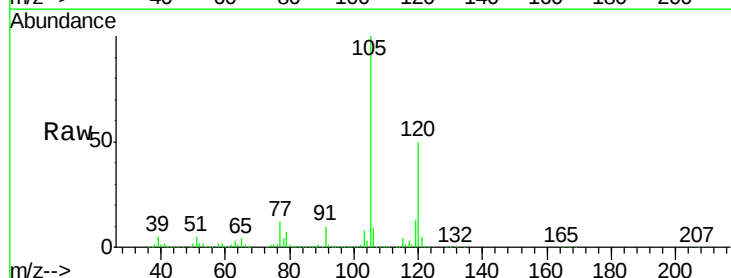
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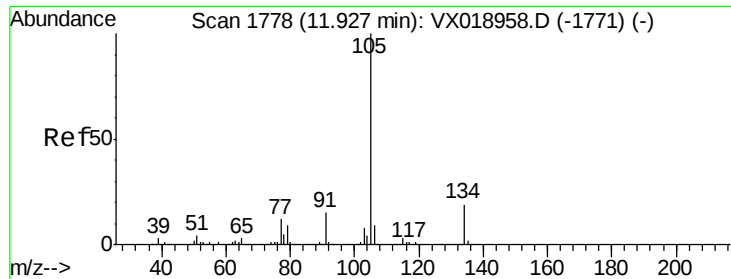
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#84
 1,2,4-Trimethylbenzene
 Concen: 155.943 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	818419		
120	48.1	22.9	68.5	





#85

sec-Butylbenzene

Concen: 162.515 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 945357

Ion Ratio Lower Upper

105 100

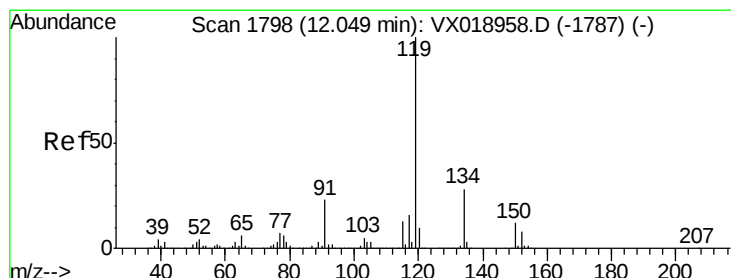
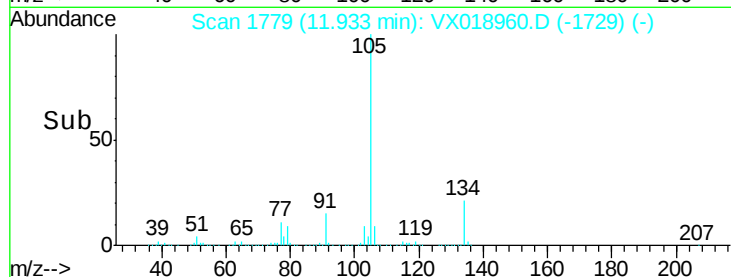
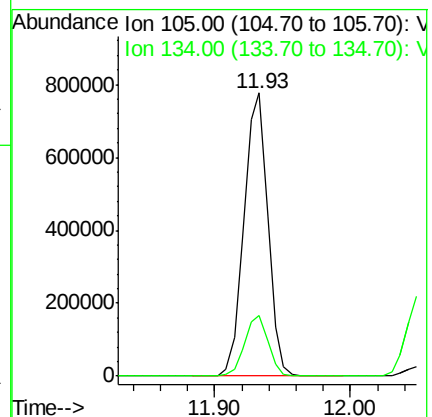
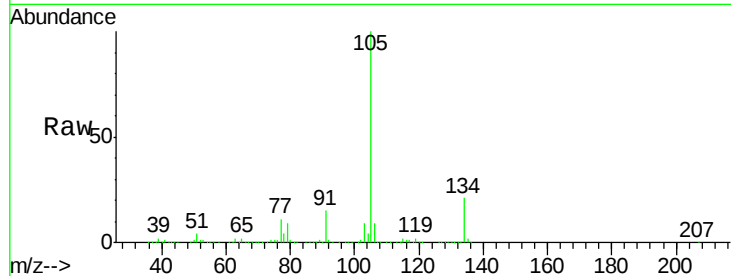
134 21.2 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 167.965 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

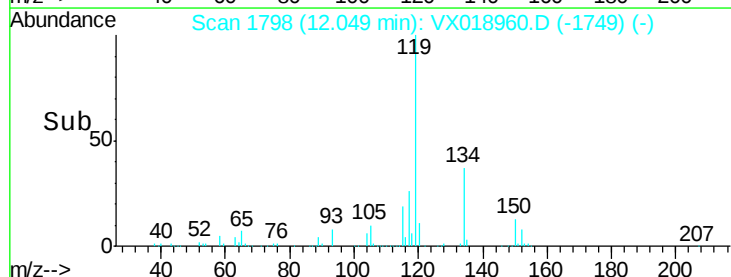
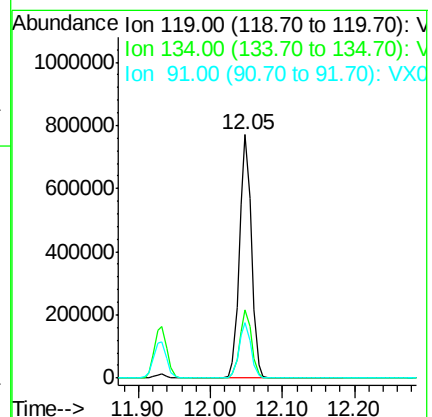
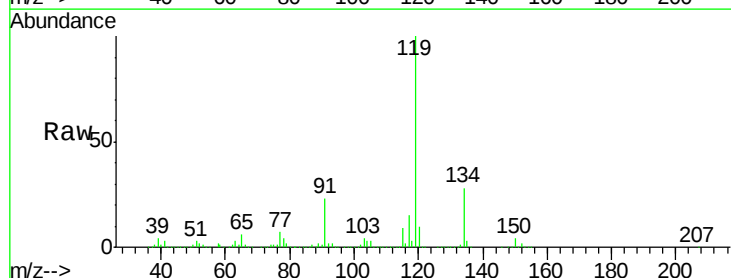
Tgt Ion:119 Resp: 893346

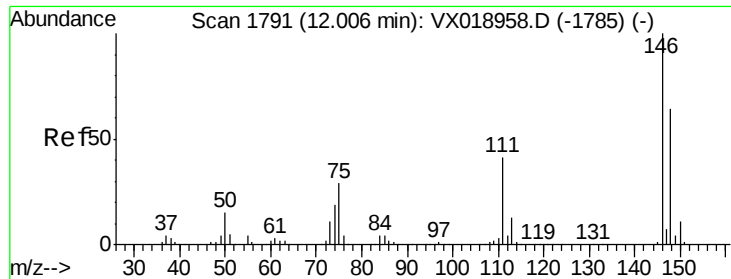
Ion Ratio Lower Upper

119 100

134 27.7 13.8 41.4

91 22.6 11.5 34.5





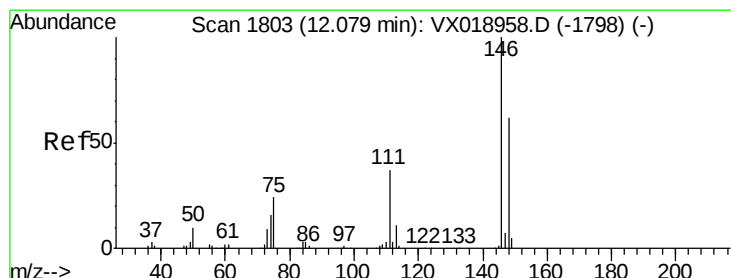
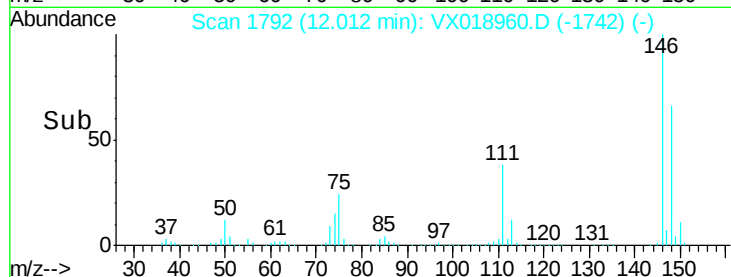
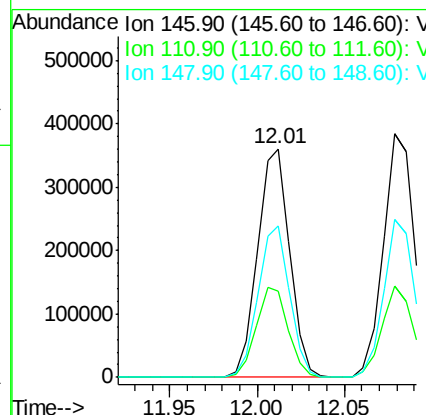
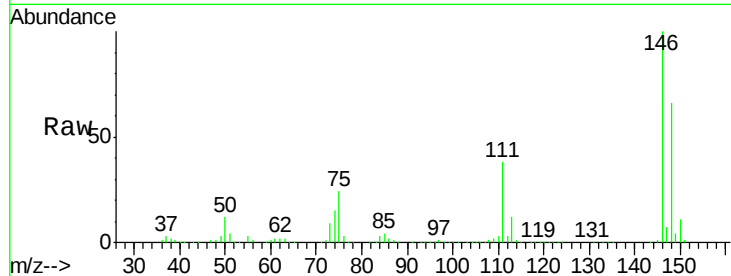
#87
 1,3-Dichlorobenzene
 Concen: 151.918 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.4
148	65.2	32.4	97.2

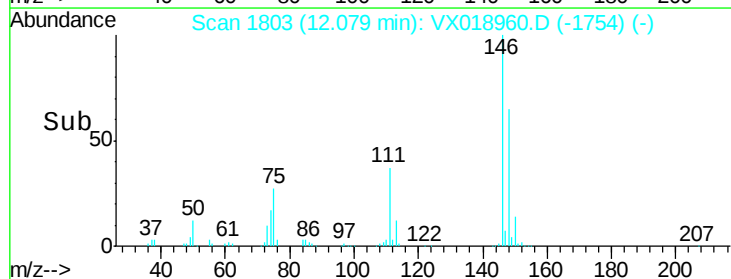
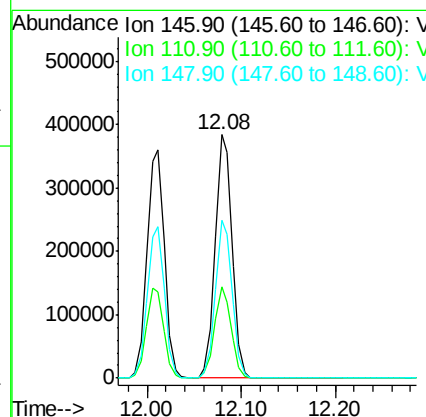
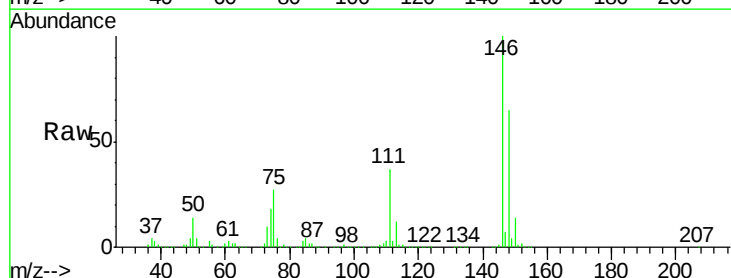
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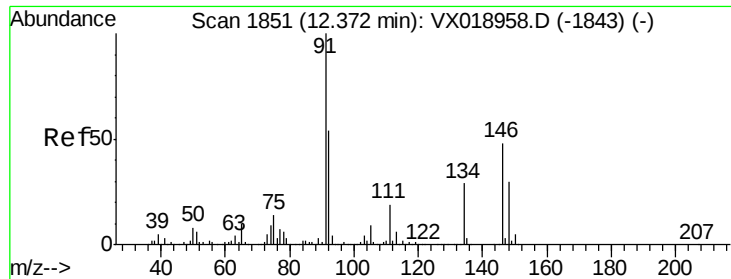
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#88
 1,4-Dichlorobenzene
 Concen: 156.001 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.8	56.3
148	64.2	31.7	95.1





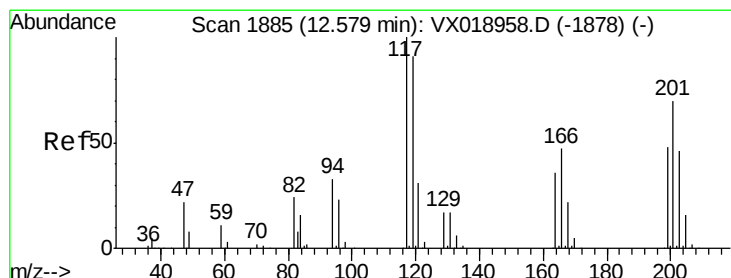
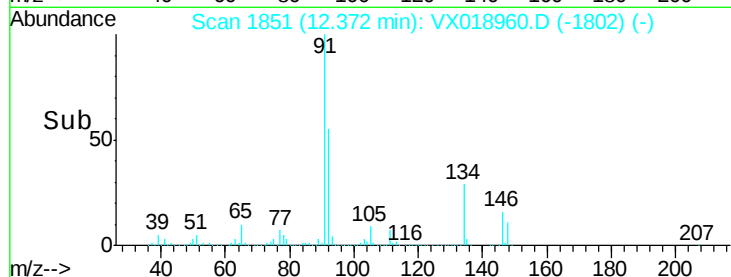
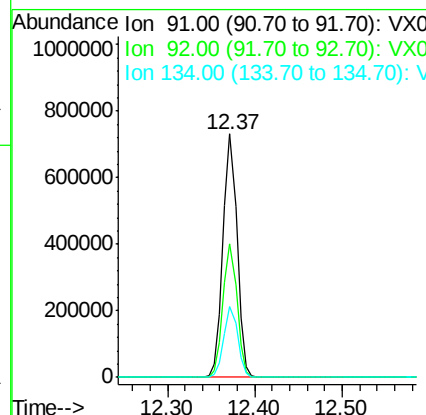
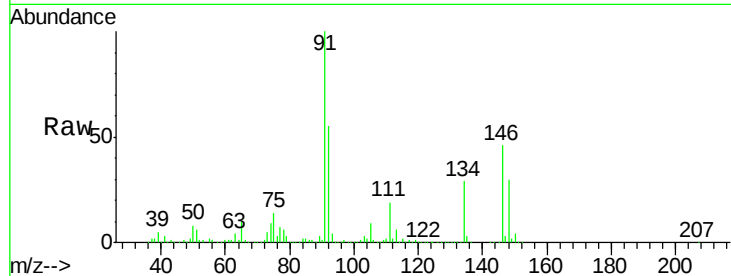
#89
n-Butylbenzene
Concen: 166.177 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.2	81.5
134	28.6	14.2	42.6

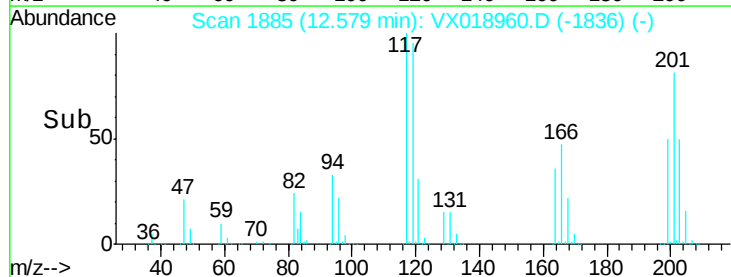
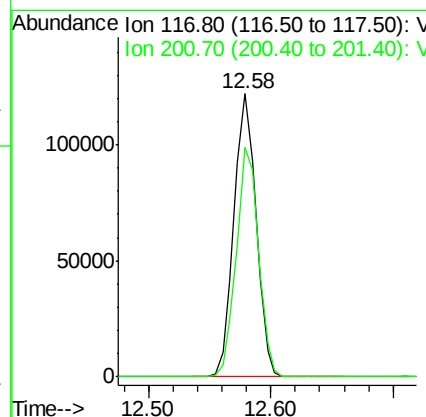
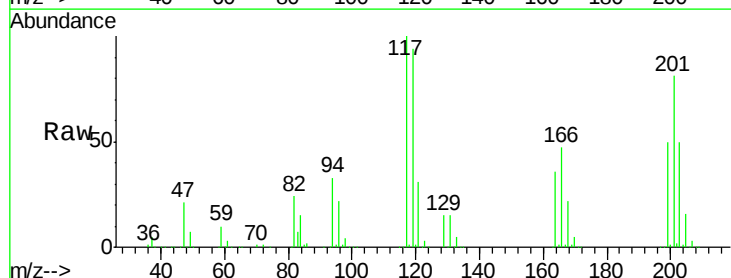
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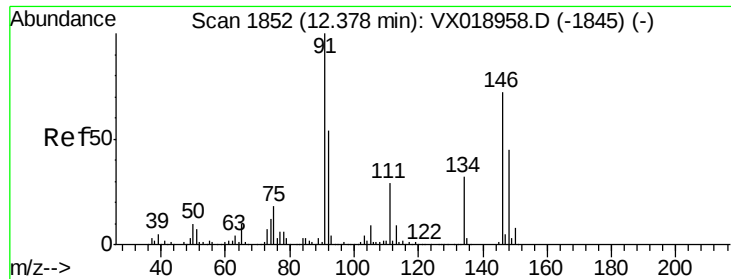
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#90
Hexachloroethane
Concen: 149.555 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.6	36.9	110.7





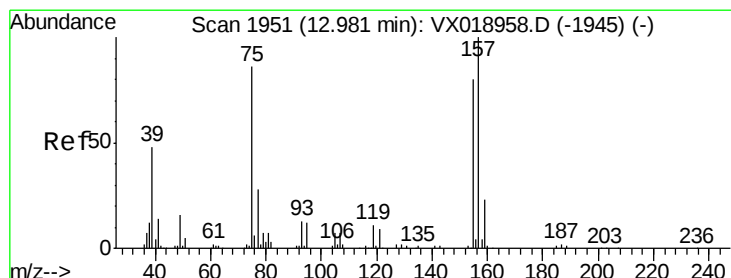
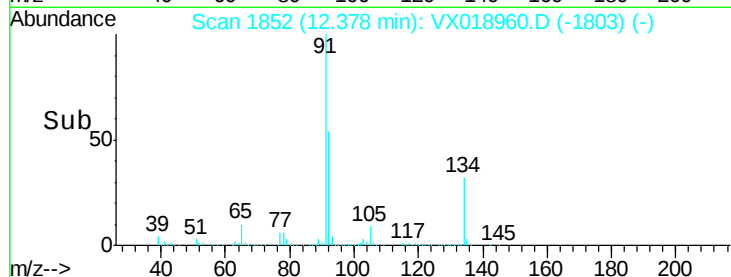
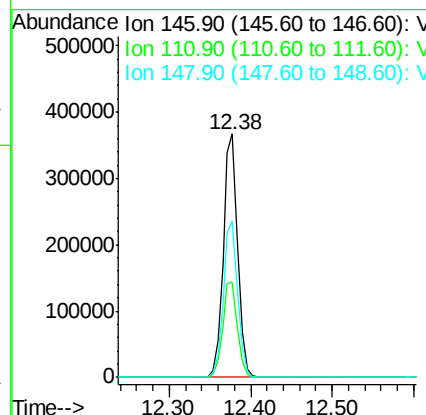
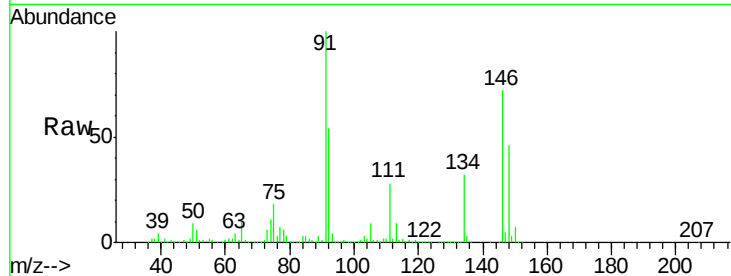
#91
 1,2-Dichlorobenzene
 Concen: 158.399 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	64.4	31.4	94.0

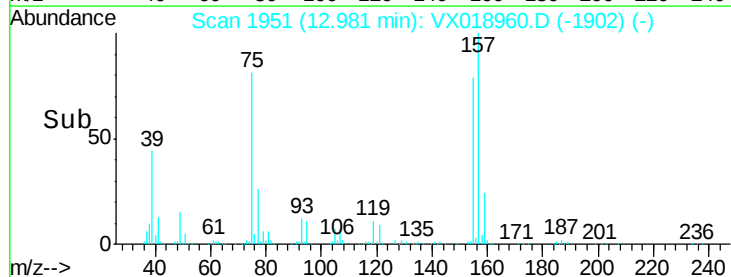
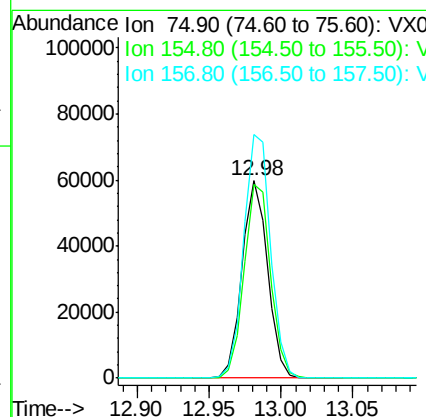
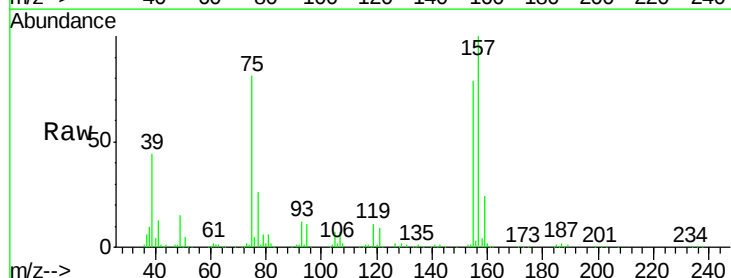
Manual Integrations
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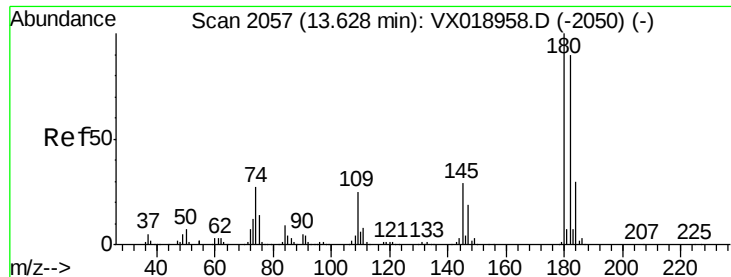
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 136.834 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018960.D
 Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.6	48.2	144.6
157	128.3	62.2	186.6





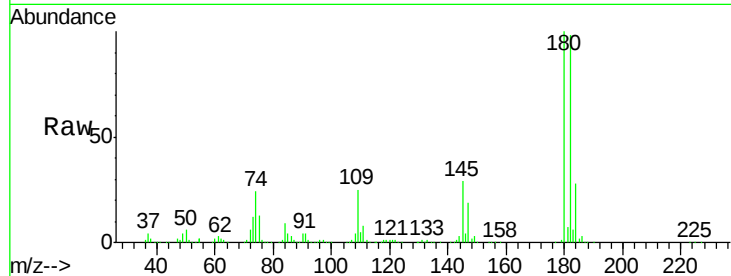
#93
1,2,4-Trichlorobenzene
Concen: 175.376 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

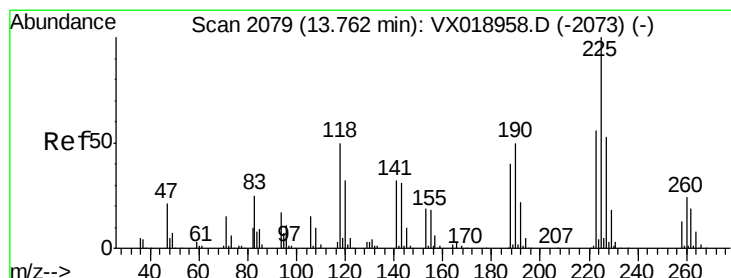
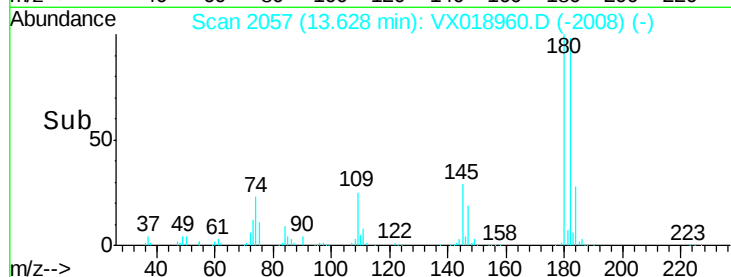
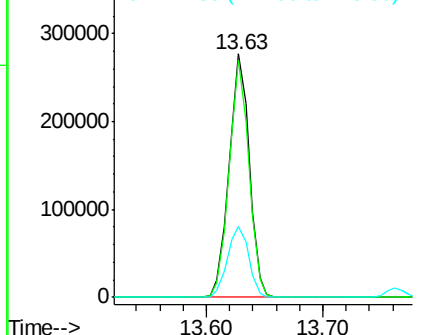
Tot Ion	Ratio	Resp	Lower	Upper
180	100	334369		
182	95.5	46.3	138.9	
145	30.4	15.5	46.5	

Manual Integrations
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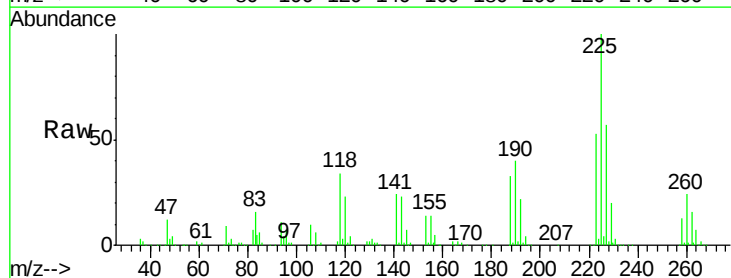


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

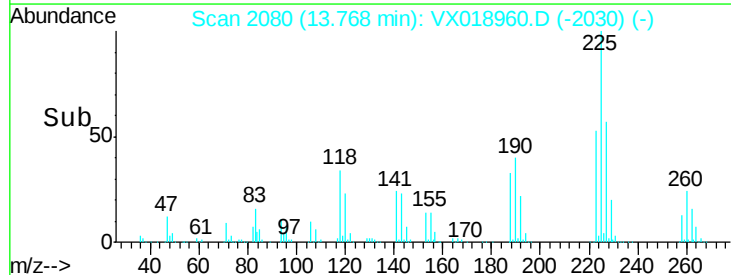
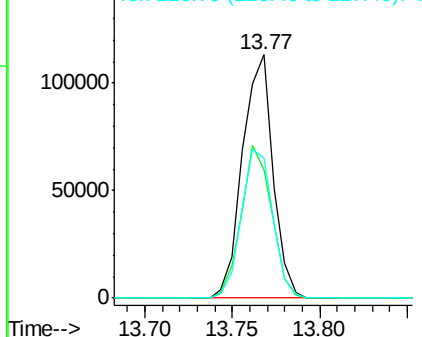


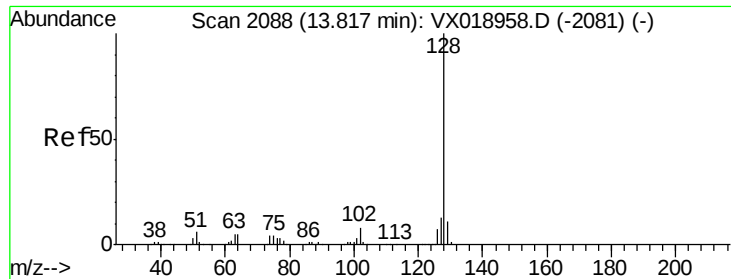
#94
Hexachlorobutadiene
Concen: 180.001 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX018960.D
Acq: 19 Oct 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	137133		
223	62.5	31.4	94.0	
227	63.0	30.9	92.8	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 171.742 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 1084754

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

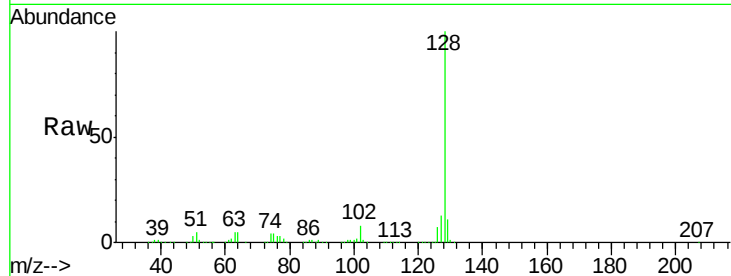
129 11.1 8.6 12.8

Manual Integrations

APPROVED

MMDadoda

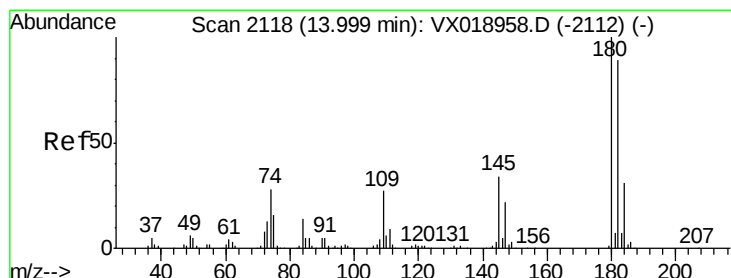
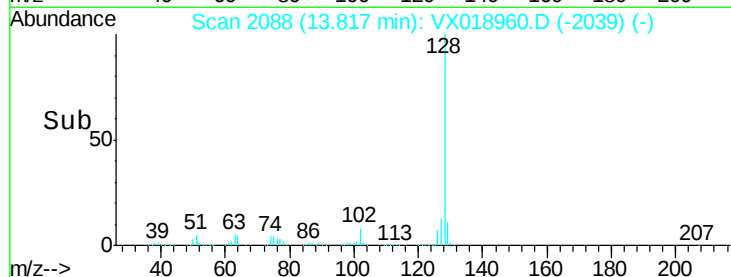
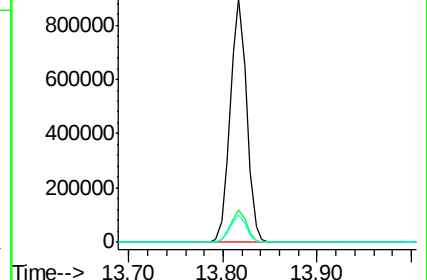
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 171.265 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018960.D

Acq: 19 Oct 2020 18:22

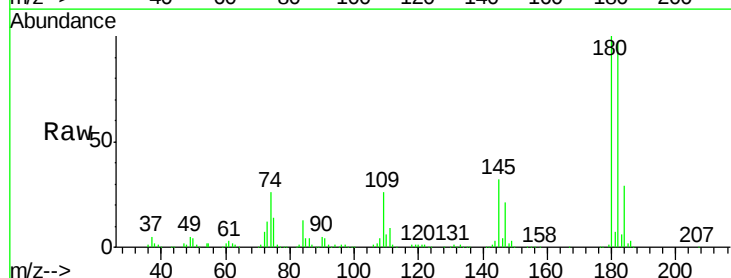
Tgt Ion:180 Resp: 323285

Ion Ratio Lower Upper

180 100

182 94.2 46.6 139.7

145 32.3 17.0 51.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

