

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
 Data File : VX018976.D
 Acq On : 20 Oct 2020 01:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:52:53 PM

Quant Time: Oct 20 09:59:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 09:17:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	84855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	157229	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	147657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	82486	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	59017	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	5.46	113	48575	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
50) Toluene-d8	8.70	98	190130	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.12	95	71179	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	39838	38.561	ug/l	100
3) Chloromethane	1.31	50	42810	39.304	ug/l	97
4) Vinyl Chloride	1.39	62	61192	56.437	ug/l	99
5) Bromomethane	1.62	94	56958	108.700	ug/l	99
6) Chloroethane	1.71	64	45717	78.504	ug/l	100
7) Trichlorofluoromethane	1.92	101	106592	72.097	ug/l	97
8) Diethyl Ether	2.17	74	40870	81.513	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.36	101	46796	58.547	ug/l	94
10) Methyl Iodide	2.49	142	50742	68.262	ug/l	98
11) Tert butyl alcohol	3.02	59	62403	272.447	ug/l	98
12) 1,1-Dichloroethene	2.36	96	55429	66.843	ug/l	91
13) Acrolein	2.28	56	44510	468.661	ug/l	97
14) Allyl chloride	2.70	41	64413	43.235	ug/l #	88
15) Acrylonitrile	3.12	53	122341	235.468	ug/l	99
16) Acetone	2.42	43	104446	227.540	ug/l	97
17) Carbon Disulfide	2.55	76	124000	49.465	ug/l	100
18) Methyl Acetate	2.75	43	58478	52.793	ug/l #	87
19) Methyl tert-butyl Ether	3.17	73	149043	52.408	ug/l	100
20) Methylene Chloride	2.83	84	50608	48.678	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	52383	57.017	ug/l	90
22) Diisopropyl ether	3.83	45	132877	45.189	ug/l #	96
23) Vinyl Acetate	3.79	43	632876	241.881	ug/l #	91
24) 1,1-Dichloroethane	3.67	63	90343	53.973	ug/l	99
25) 2-Butanone	4.64	43	179555	238.015	ug/l #	87
26) 2,2-Dichloropropane	4.55	77	68532	50.320	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	60241	56.909	ug/l	92
28) Bromochloromethane	4.98	49	38060	47.106	ug/l	93
29) Tetrahydrofuran	5.09	42	105269	219.207	ug/l #	79
30) Chloroform	5.18	83	98014	56.551	ug/l	99
31) Cyclohexane	5.55	56	72054	51.103	ug/l	90
32) 1,1,1-Trichloroethane	5.46	97	88650	55.736	ug/l	99
36) 1,1-Dichloropropene	5.77	75	73623	50.768	ug/l	100
37) Ethyl Acetate	4.79	43	71074	42.197	ug/l #	94
38) Carbon Tetrachloride	5.76	117	75666	46.299	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	79021	49.832	ug/l	92
40) Benzene	6.11	78	220396	51.721	ug/l	99
41) Methacrylonitrile	5.01	41	37315	40.349	ug/l #	87
42) 1,2-Dichloroethane	6.16	62	77056	47.197	ug/l	98
43) Isopropyl Acetate	6.42	43	118038	43.389	ug/l #	92
44) Trichloroethene	7.19	130	57413	47.683	ug/l	98
45) 1,2-Dichloropropane	7.49	63	54006	47.024	ug/l	99
46) Dibromomethane	7.63	93	38961	48.241	ug/l	93
47) Bromodichloromethane	7.88	83	79157	49.087	ug/l	98
48) Methyl methacrylate	7.74	41	55707	41.134	ug/l #	84
49) 1,4-Dioxane	7.71	88	23286	949.226	ug/l	91
51) 4-Methyl-2-Pentanone	8.62	43	357111	212.507	ug/l	89
52) Toluene	8.76	92	144535	53.491	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	87423	48.915	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	91681	48.425	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	57179	49.617	ug/l	97
56) Ethyl methacrylate	9.16	69	87769	51.232	ug/l	87
57) 1,3-Dichloropropane	9.35	76	95065	50.015	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	227923	295.750	ug/l	95
59) 2-Hexanone	9.48	43	271069	212.137	ug/l	86
60) Dibromochloromethane	9.57	129	63404	46.901	ug/l	100
61) 1,2-Dibromoethane	9.65	107	61691	49.308	ug/l	99
64) Tetrachloroethene	9.32	164	58043	53.492	ug/l	95
65) Chlorobenzene	10.12	112	151480	51.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	55636	47.867	ug/l	96
67) Ethyl Benzene	10.24	91	271018	54.040	ug/l	96
68) m/p-Xylenes	10.34	106	216541	115.681	ug/l	97
69) o-Xylene	10.68	106	102356	56.407	ug/l	100
70) Styrene	10.70	104	177198	57.342	ug/l	98
71) Bromoform	10.84	173	46318	46.719	ug/l #	98
73) Isopropylbenzene	11.00	105	278217	51.135	ug/l	100
74) N-amyl acetate	10.88	43	97054	37.596	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.25	83	88706	46.217	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	80584m	43.917	ug/l	
77) Bromobenzene	11.24	156	66613	44.292	ug/l	98
78) n-propylbenzene	11.34	91	314364	50.886	ug/l	99
79) 2-Chlorotoluene	11.40	91	183416	48.055	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	238370	53.314	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	30185	44.429	ug/l	91
82) 4-Chlorotoluene	11.49	91	222454	49.026	ug/l	98
83) tert-Butylbenzene	11.76	119	233453	52.909	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	236807	51.805	ug/l	97
85) sec-Butylbenzene	11.93	105	277086	55.222	ug/l	99
86) p-Isopropyltoluene	12.05	119	256032	55.550	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	127802	48.400	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	131633	49.788	ug/l	96
89) n-Butylbenzene	12.37	91	224773	53.431	ug/l	97
90) Hexachloroethane	12.58	117	40825	45.020	ug/l	93
91) 1,2-Dichlorobenzene	12.37	146	124478	50.080	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20769	43.277	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	79443	47.930	ug/l	99
94) Hexachlorobutadiene	13.76	225	29713	45.449	ug/l	97
95) Naphthalene	13.82	128	284088	52.081	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	78109	47.693	ug/l	98

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

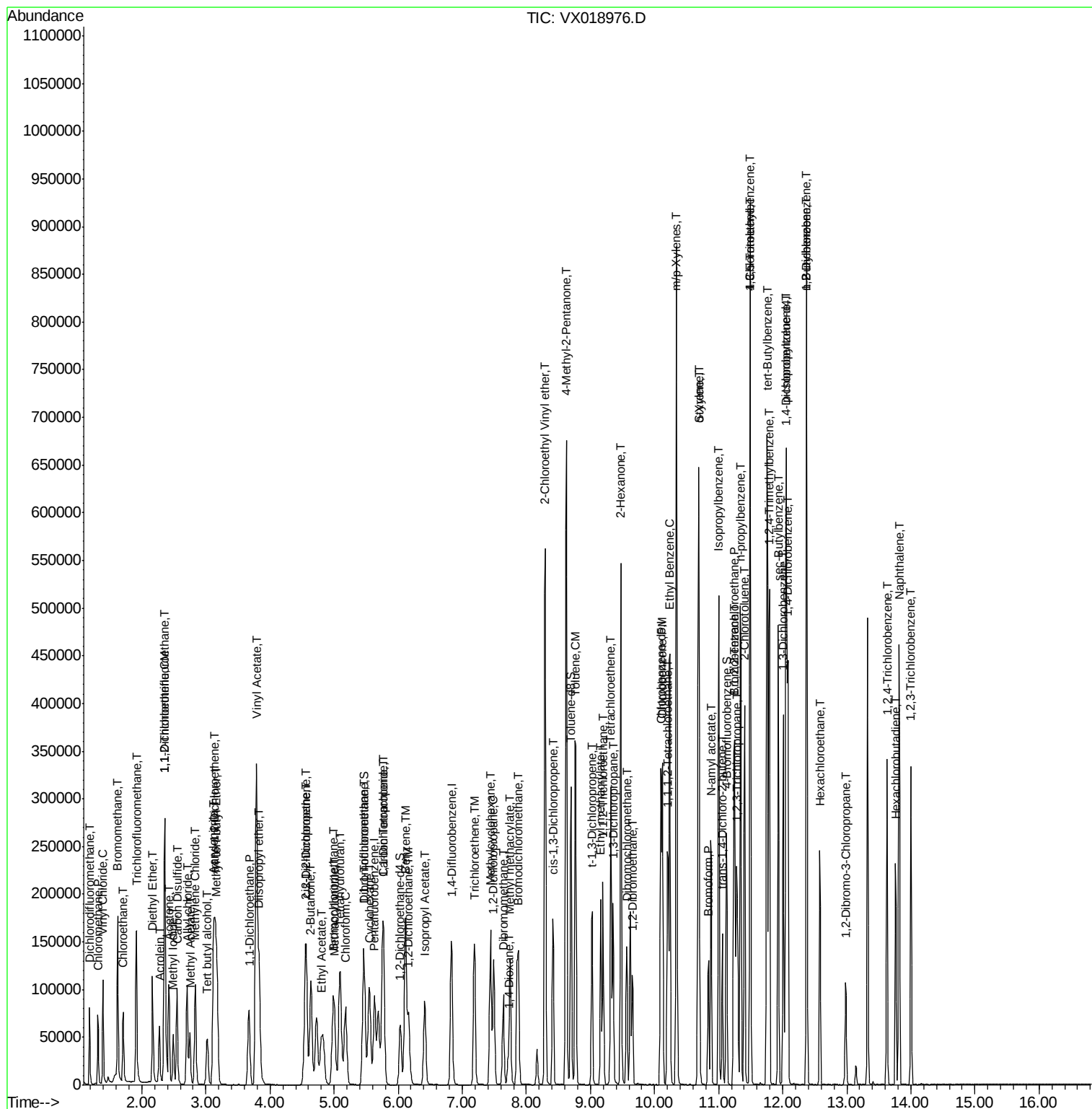
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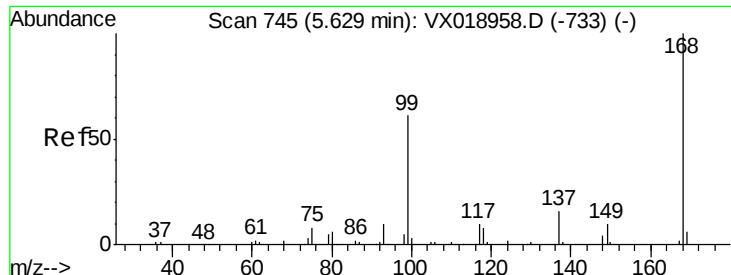
Instrument :
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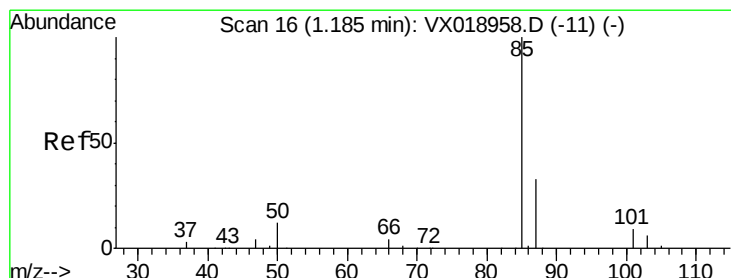
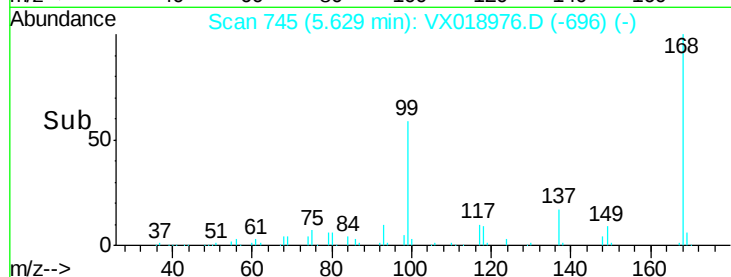
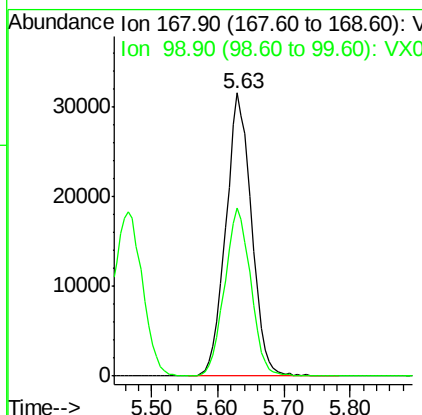
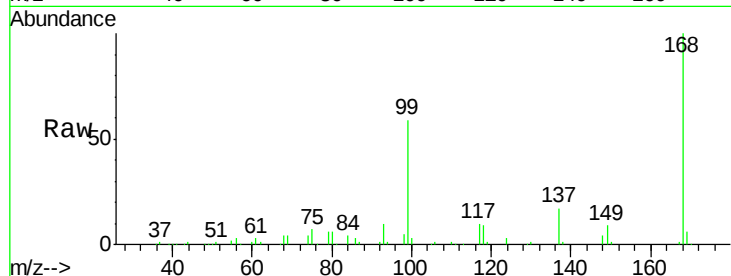
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
168	100	84855		
99	59.3	46.3	69.5	

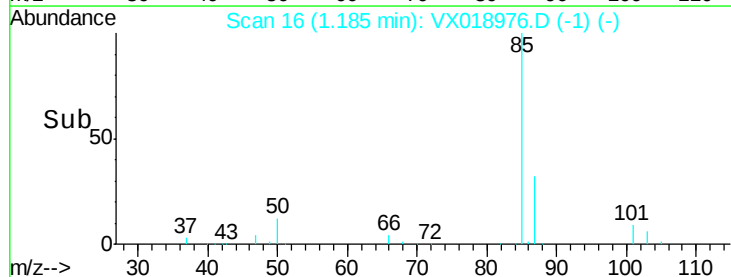
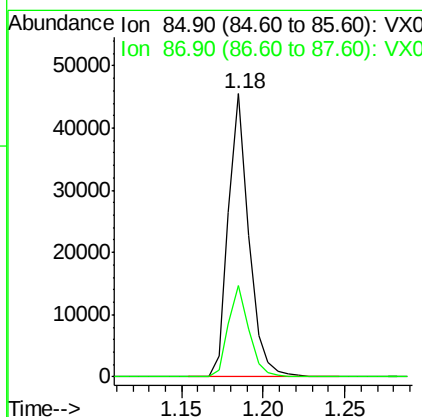
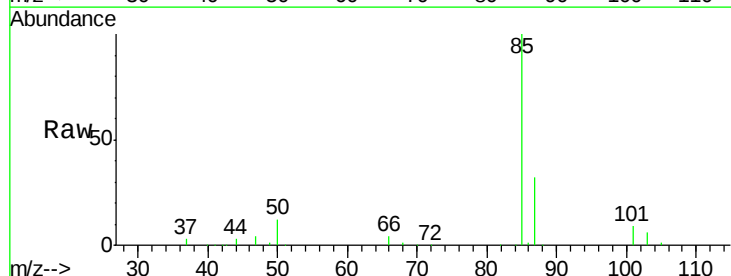
Manual Integrations
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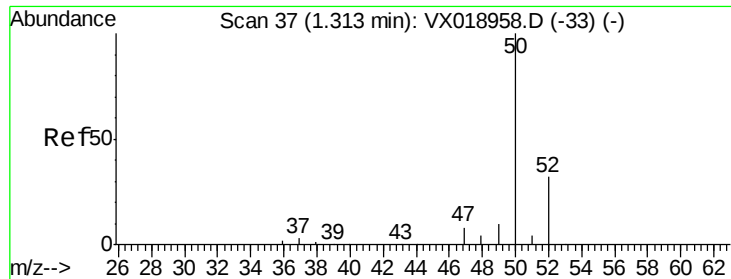
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#2
Dichlorodifluoromethane
Concen: 38.561 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	39838		
87	32.1	16.1	48.2	





#3

Chloromethane

Concen: 39.304 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 42810

Ion Ratio Lower Upper

50 100

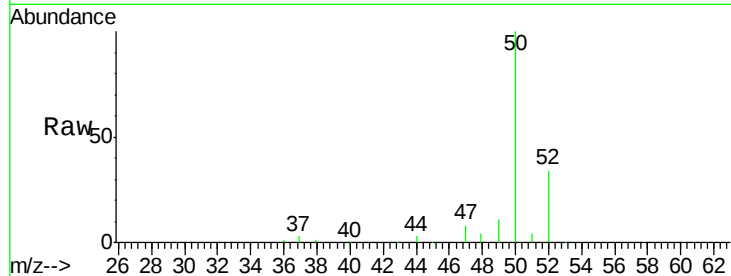
52 33.7 25.4 38.2

Manual Integrations

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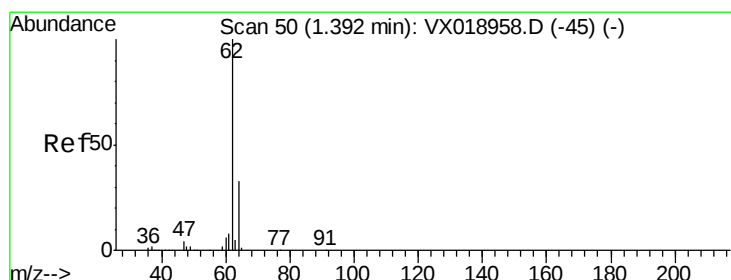
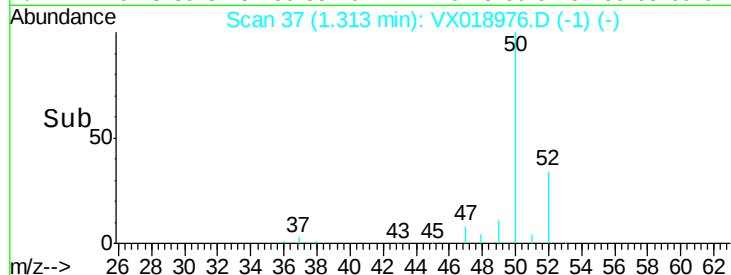
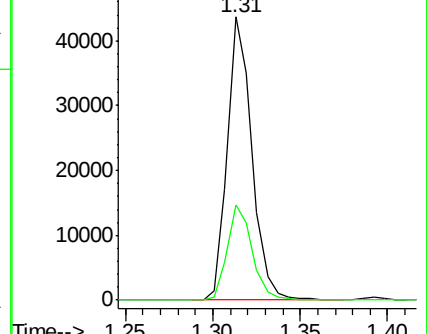
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 56.437 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018976.D

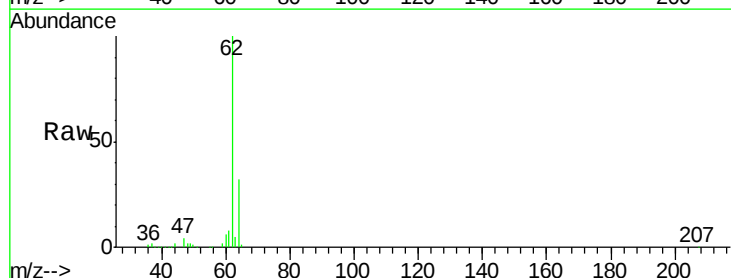
Acq: 20 Oct 2020 01:11

Tgt Ion: 62 Resp: 61192

Ion Ratio Lower Upper

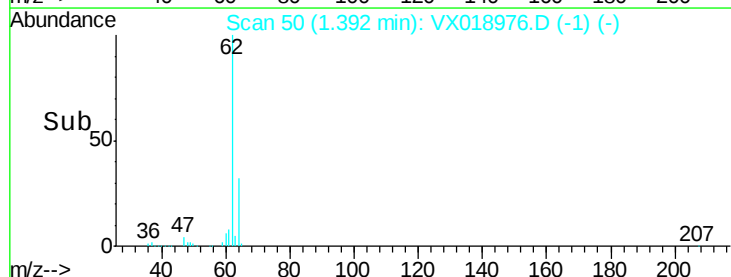
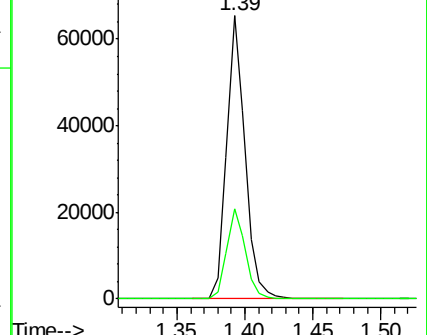
62 100

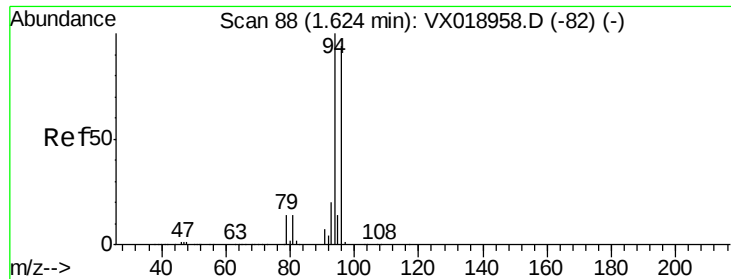
64 31.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 108.700 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 56958

Ion Ratio Lower Upper

94 100

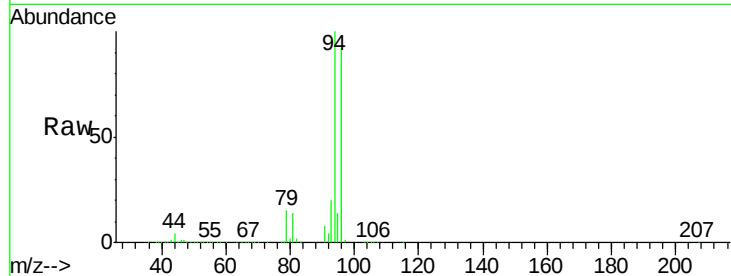
96 92.4 74.8 112.2

Manual Integrations

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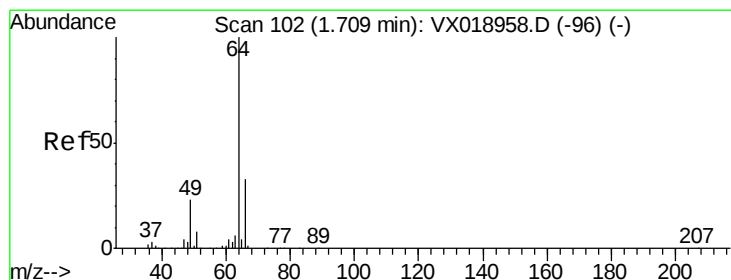
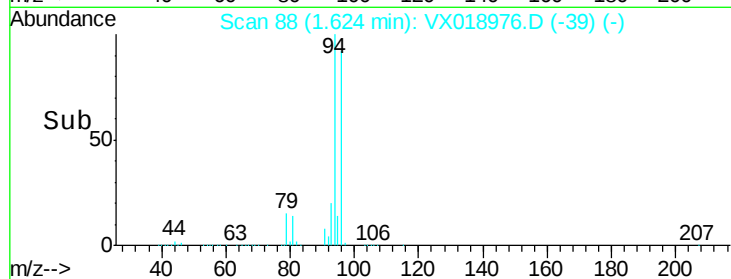
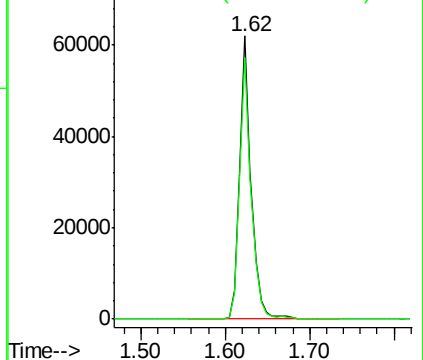
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 78.504 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018976.D

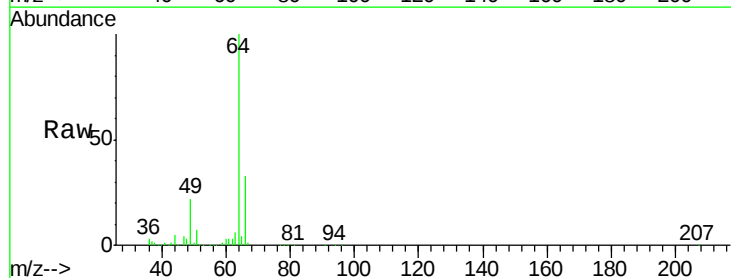
Acq: 20 Oct 2020 01:11

Tgt Ion: 64 Resp: 45717

Ion Ratio Lower Upper

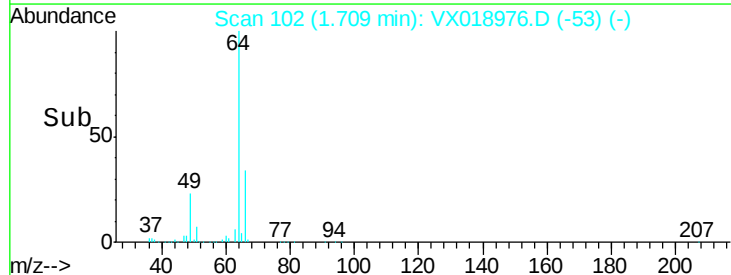
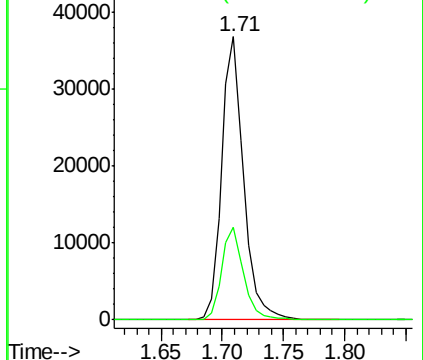
64 100

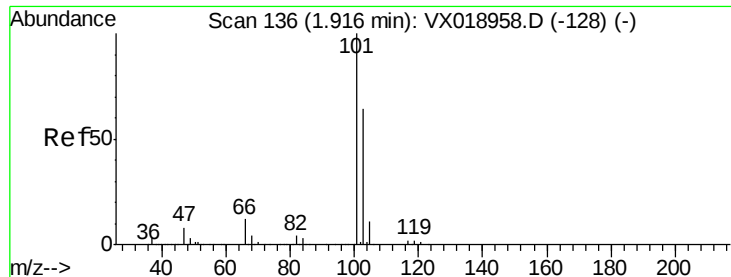
66 32.9 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

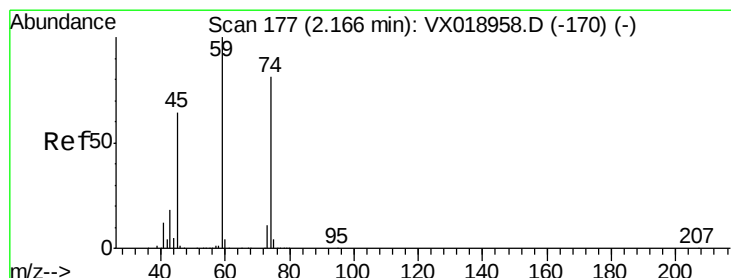
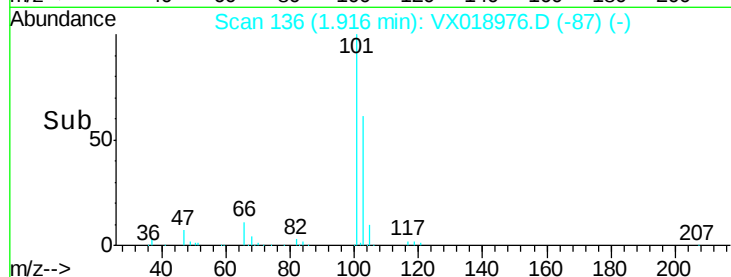
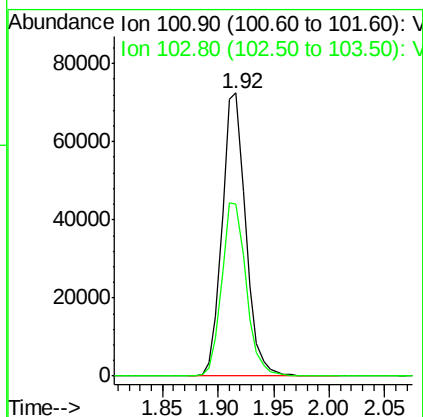
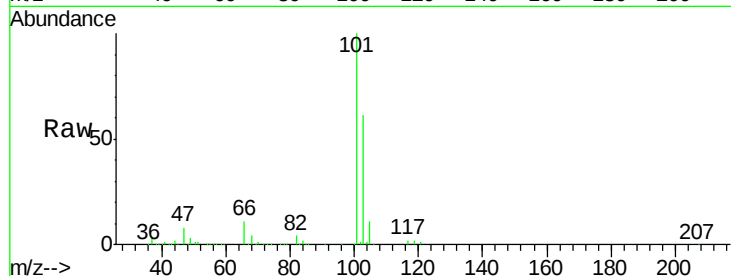
Trichlorofluoromethane
Concen: 72.097 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.8	50.7	76.1

Manual Integrations
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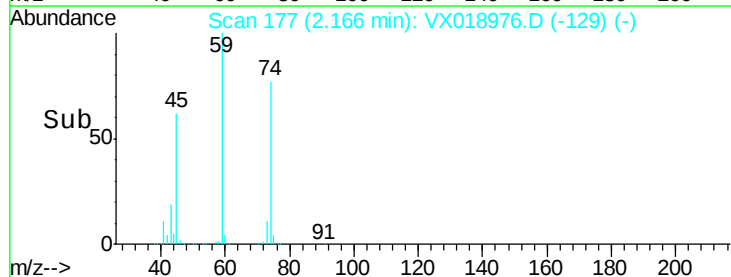
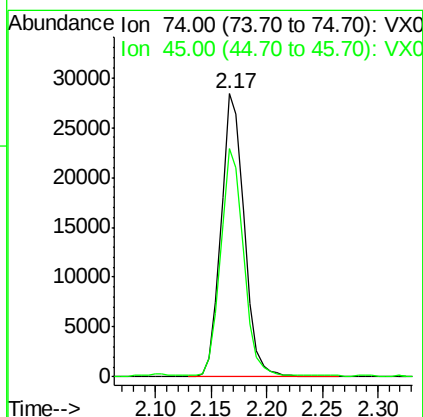
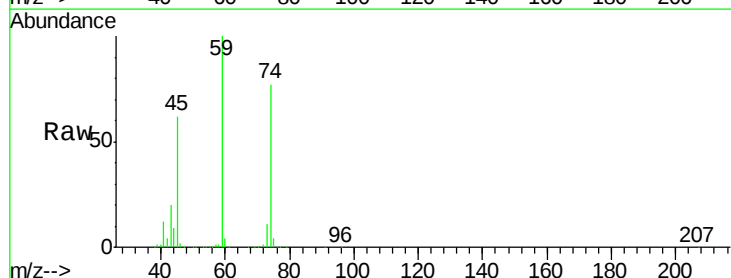
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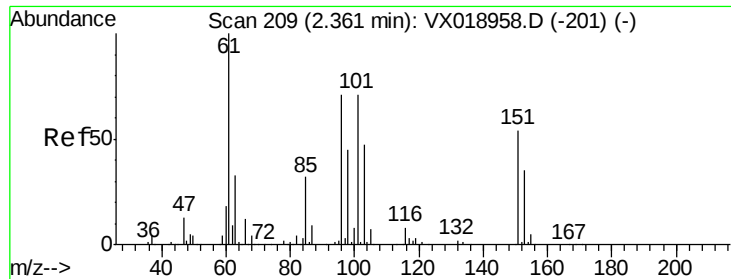


#8

Diethyl Ether
Concen: 81.513 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.0	50.7	152.3





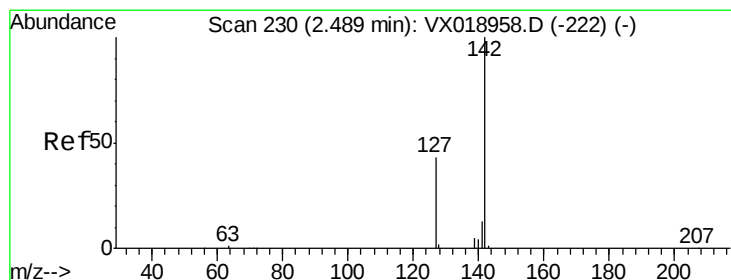
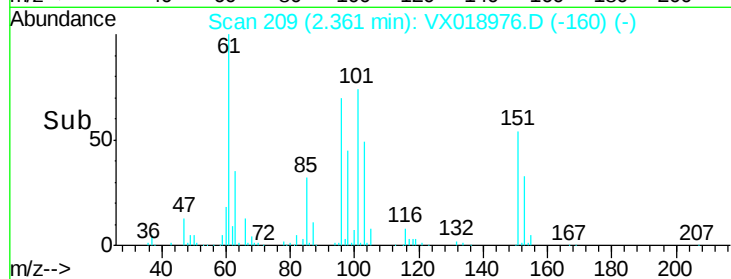
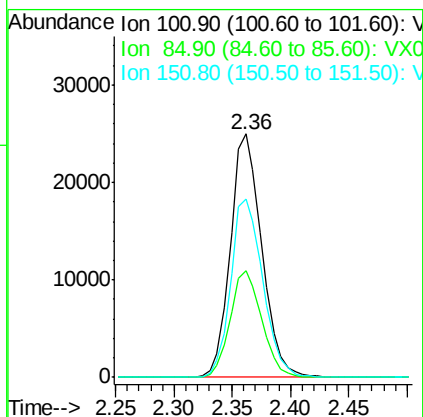
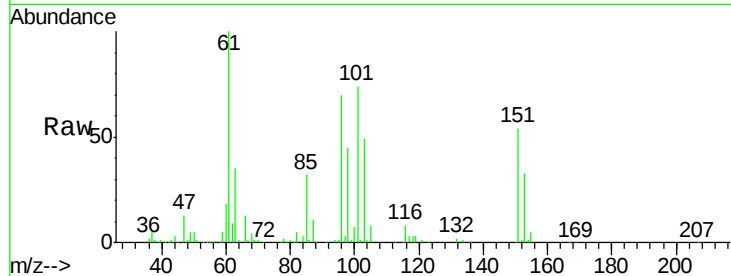
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 58.547 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.00 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	46796		
85	44.5	34.0	51.0	
151	75.0	65.2	97.8	

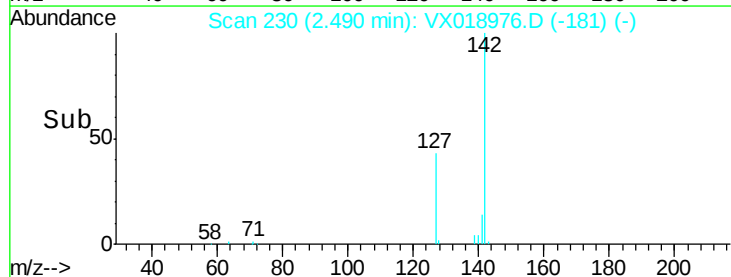
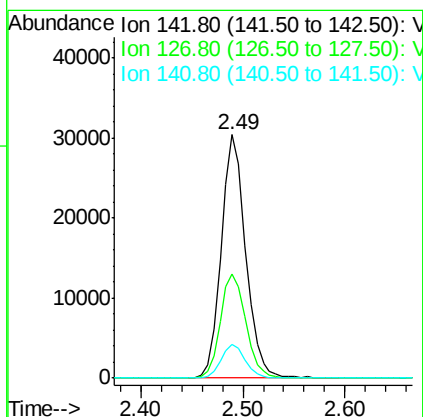
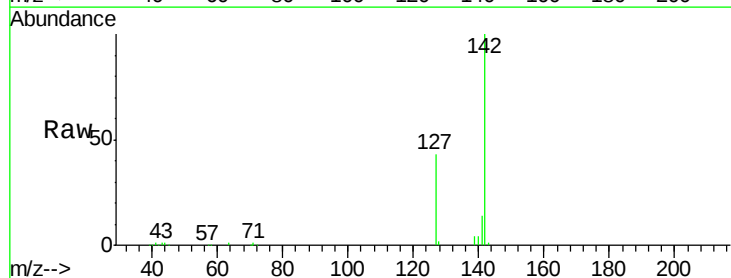
Manual Integrations
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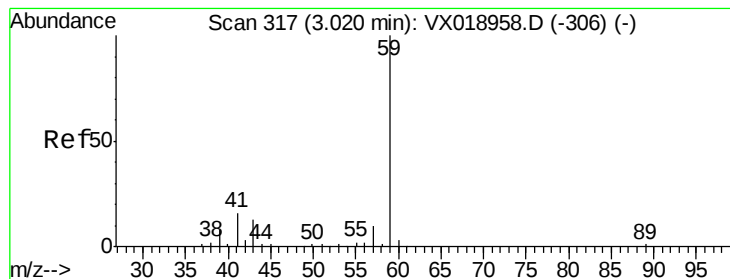
MMDadoda
 10/20/2020 4:52:53 PM



#10
 Methyl Iodide
 Concen: 68.262 ug/l
 RT: 2.49 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	50742		
127	44.7	37.0	55.6	
141	14.0	11.5	17.3	





#11

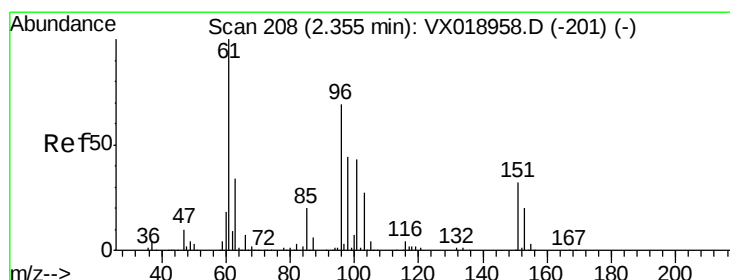
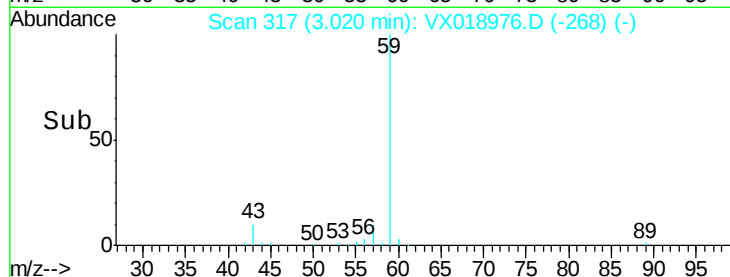
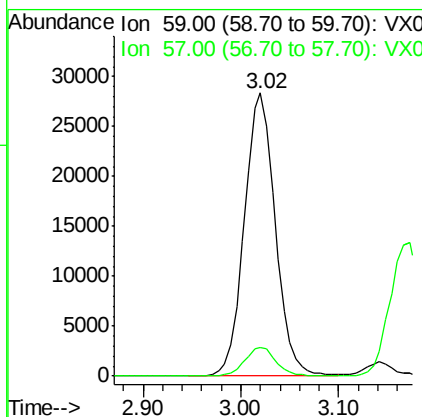
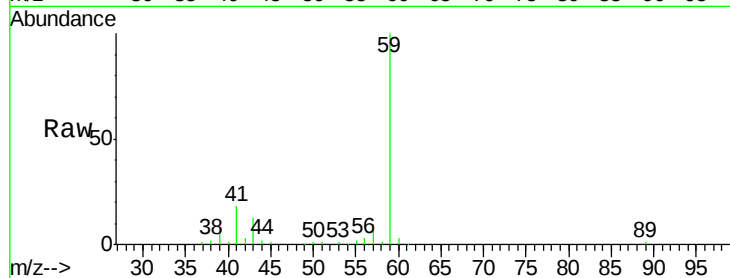
Tert butyl alcohol
Concen: 272.447 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.3	Resp	Lower	Upper
62403							8.9	13.3

Manual Integrations
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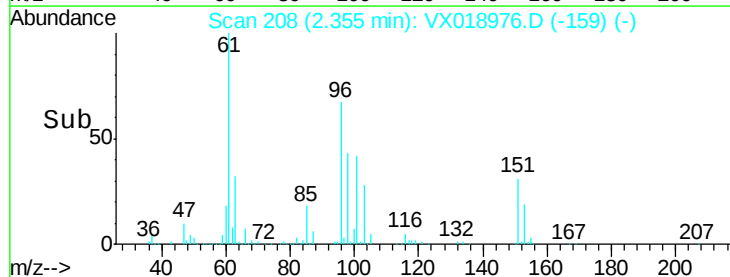
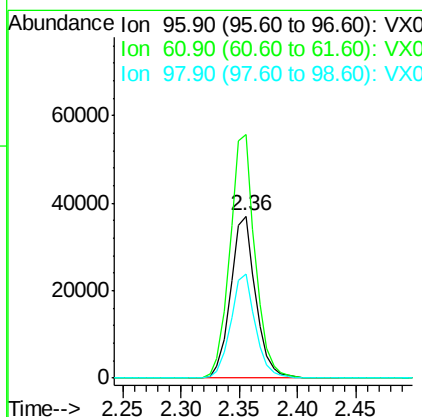
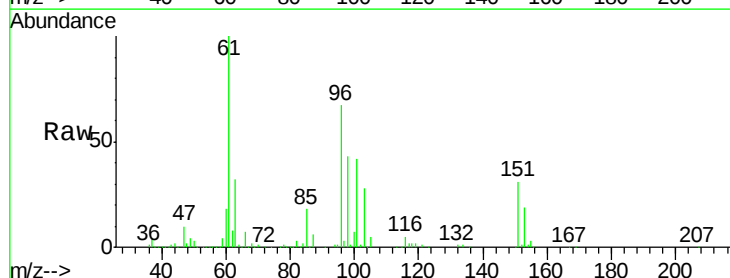
MMDadoda
10/20/2020 4:52:53 PM

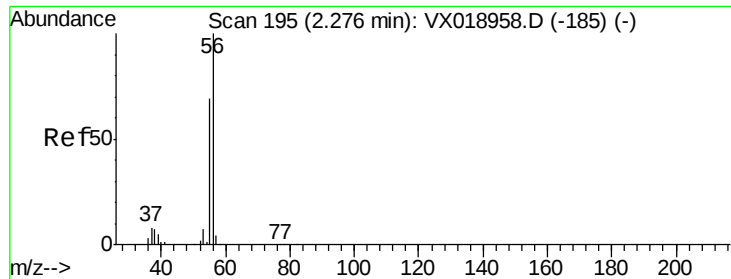


#12

1,1-Dichloroethene
Concen: 66.843 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	96	61	98	Ratio	100	150.1	64.4	Resp	Lower	Upper
55429									133.0	199.4





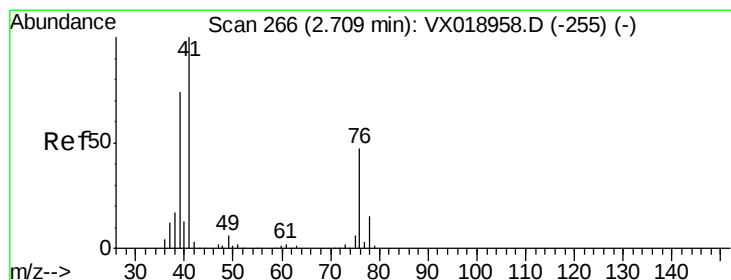
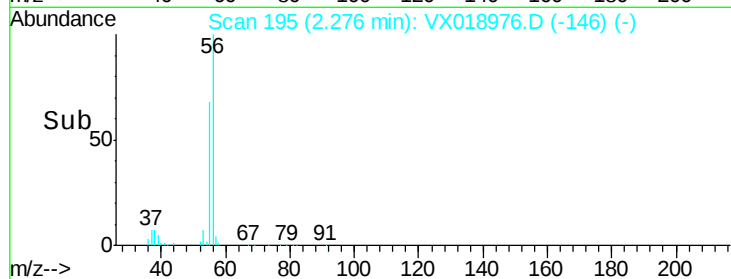
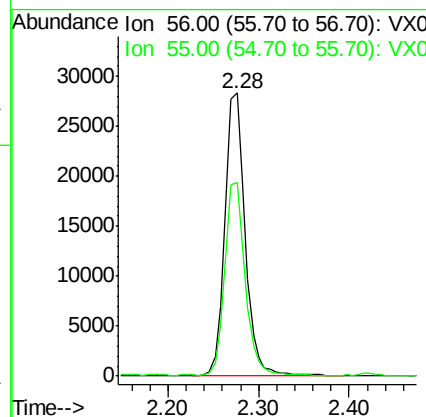
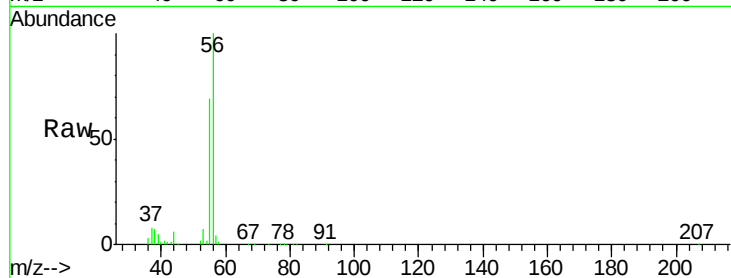
#13
Acrolein
Concen: 468.661 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.9	57.0	85.6

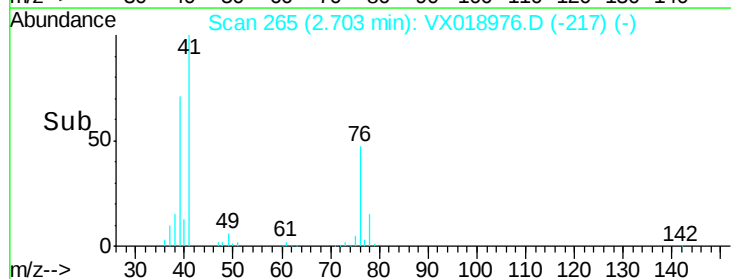
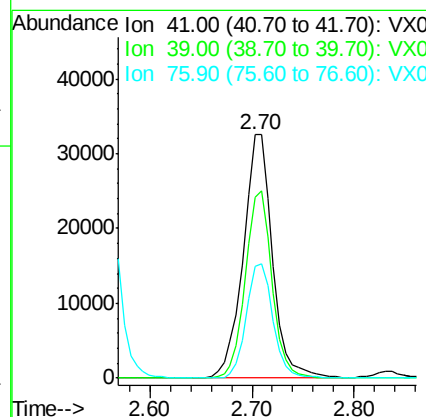
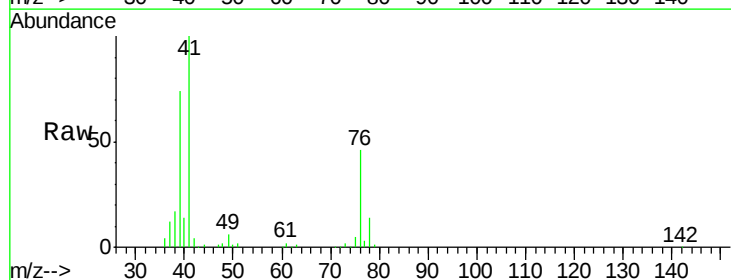
Manual Integrations
APPROVED

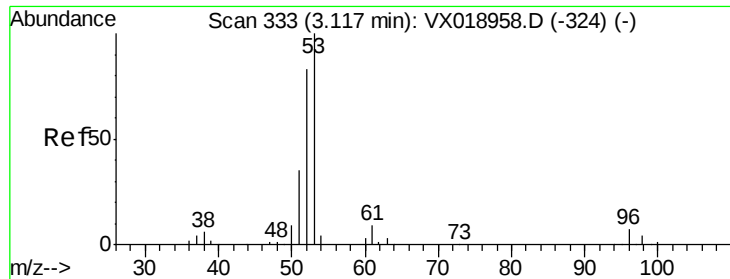
MMDadoda
10/20/2020 4:52:53 PM



#14
Allyl chloride
Concen: 43.235 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
41	100		
39	70.9	50.6	76.0
76	42.7	26.2	39.2#





#15

Acrylonitrile

Concen: 235.468 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

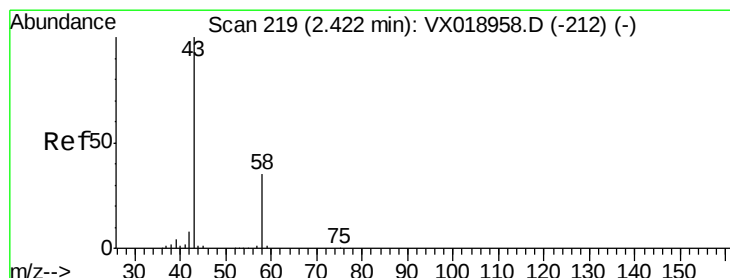
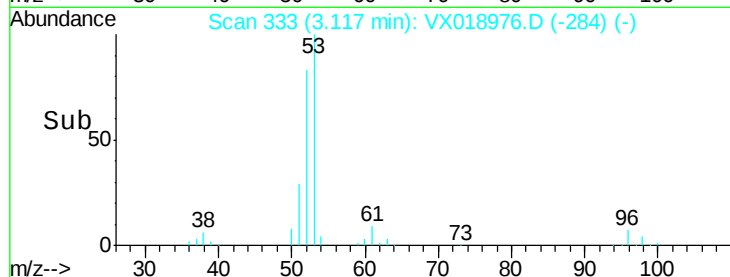
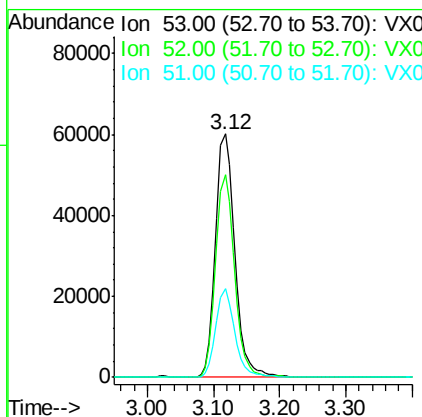
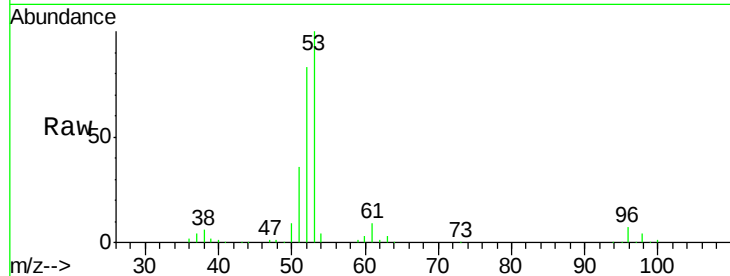
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	122341
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.9	100.3
51	36.0	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 227.540 ug/l

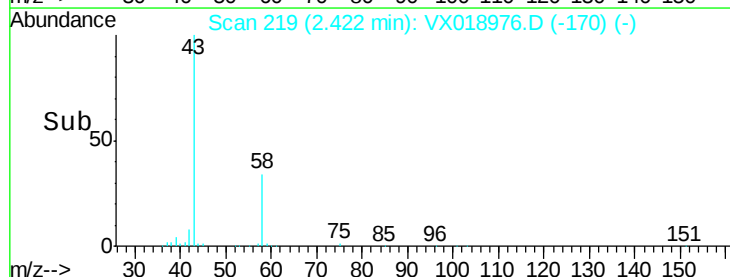
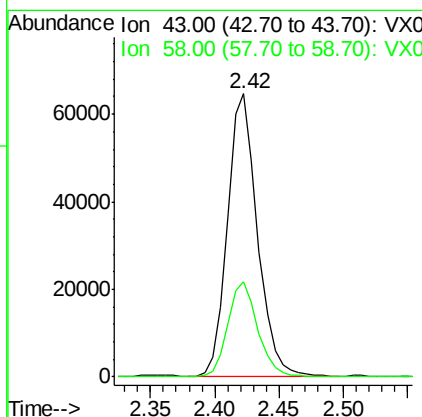
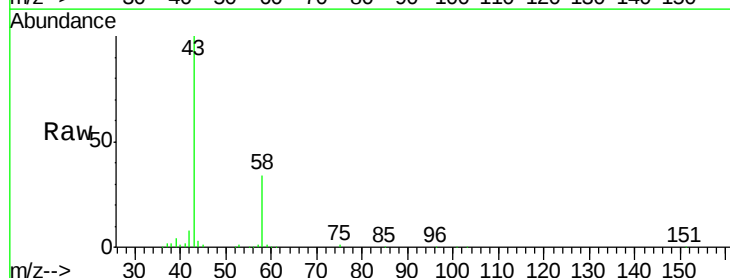
RT: 2.42 min Scan# 219

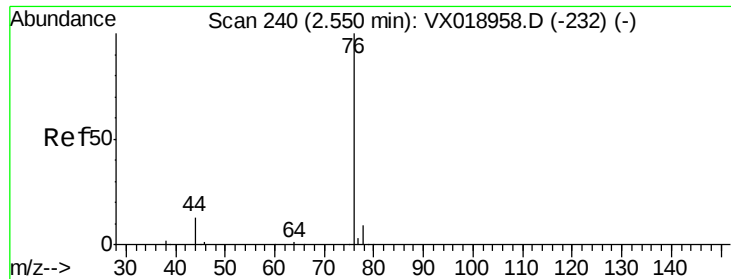
Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Tgt Ion:	43	Resp:	104446
Ion Ratio	Lower	Upper	
43	100		
58	33.7	25.5	38.3





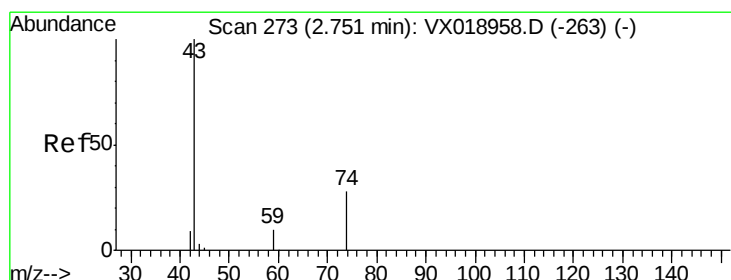
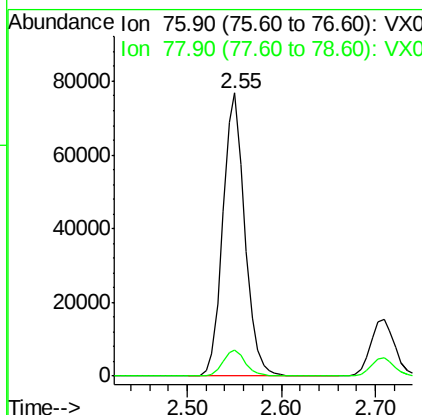
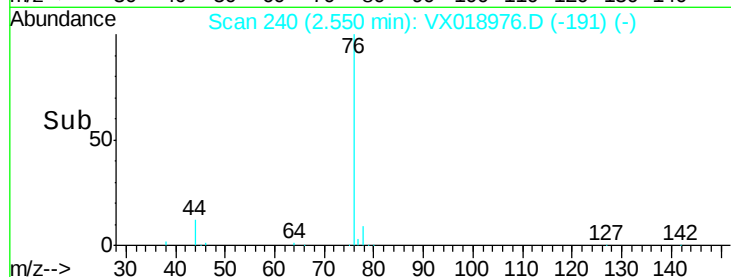
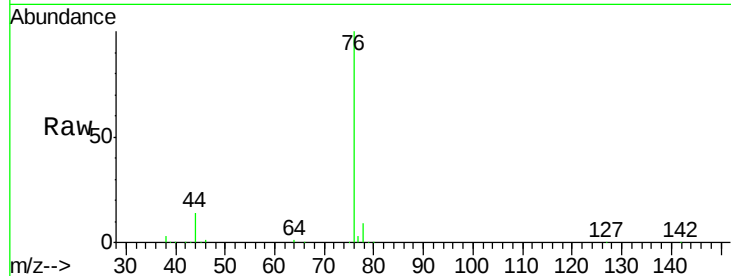
#17
Carbon Disulfide
Concen: 49.465 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 124000
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

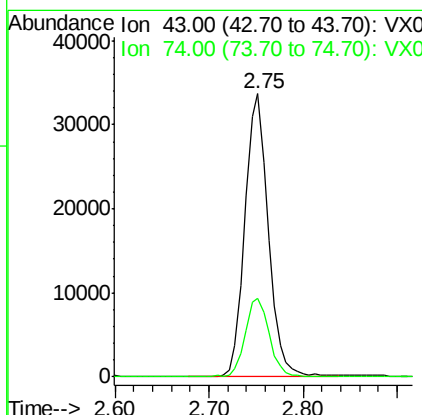
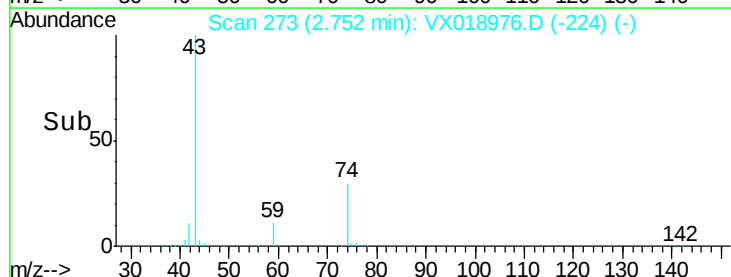
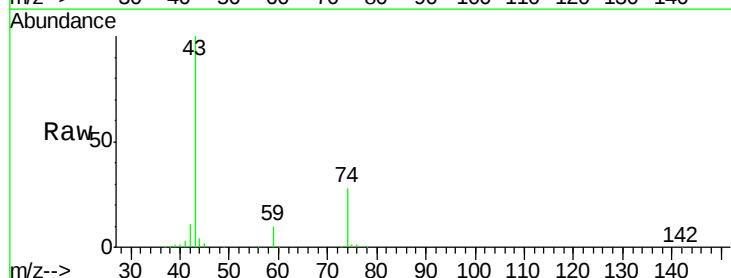
Manual Integrations
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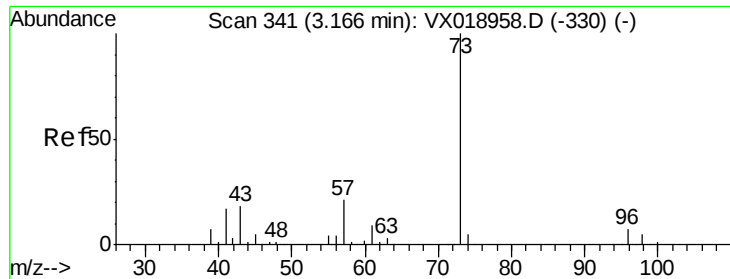
MMDadoda
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#18
Methyl Acetate
Concen: 52.793 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion: 43 Resp: 58478
Ion Ratio Lower Upper
43 100
74 28.9 18.2 27.4#





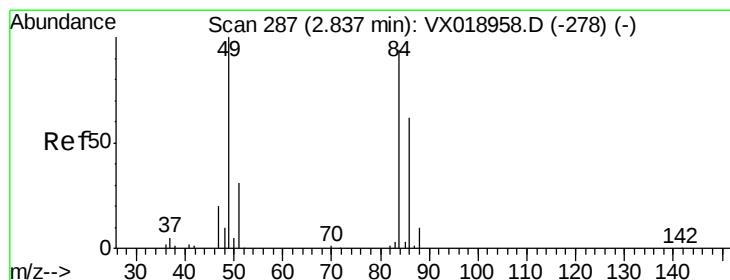
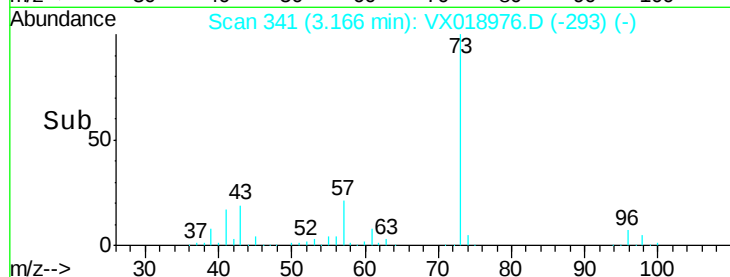
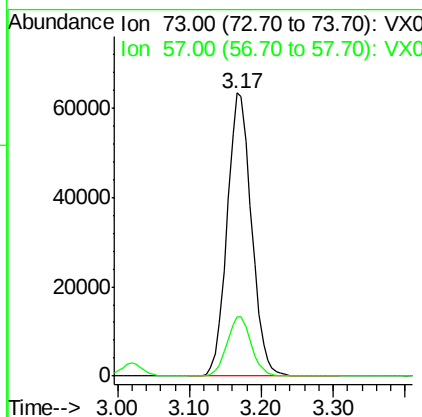
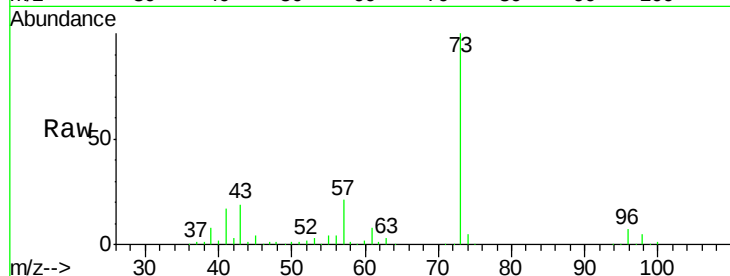
#19
Methvl tert-butvl Ether
Concen: 52.408 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 149043
Ion Ratio Lower Upper
73 100
57 20.8 16.8 25.2

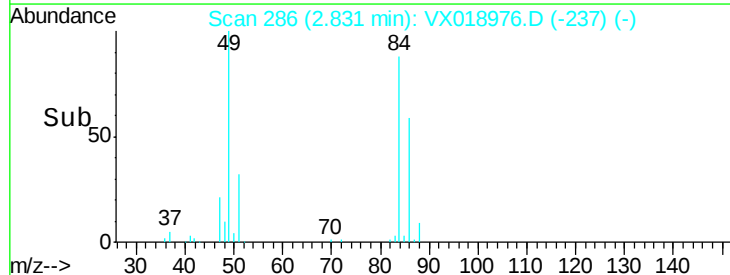
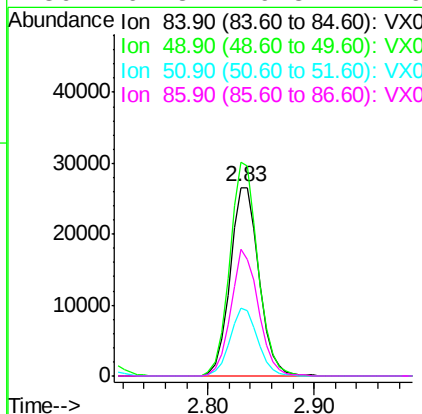
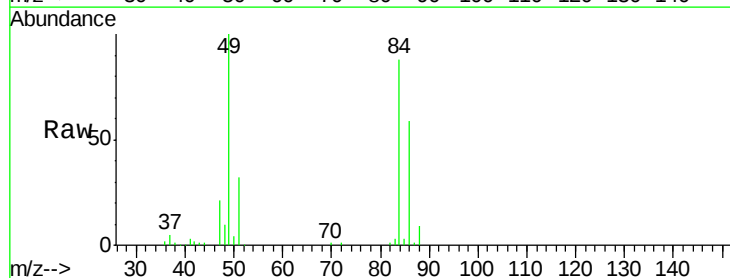
Manual Integrations
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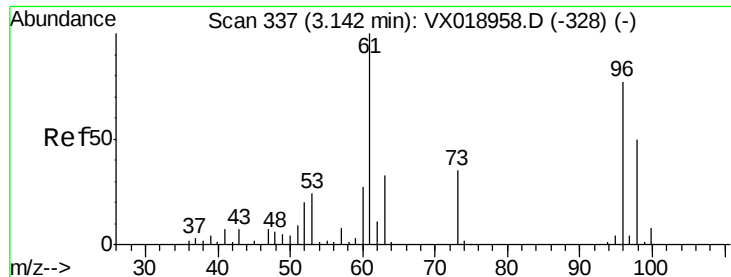
MMDadoda
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#20
Methylene Chloride
Concen: 48.678 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion: 84 Resp: 50608
Ion Ratio Lower Upper
84 100
49 113.4 98.6 148.0
51 35.8 29.6 44.4
86 67.3 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 57.017 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 52383

Ion Ratio Lower Upper

96 100

61 127.5 115.4 173.0

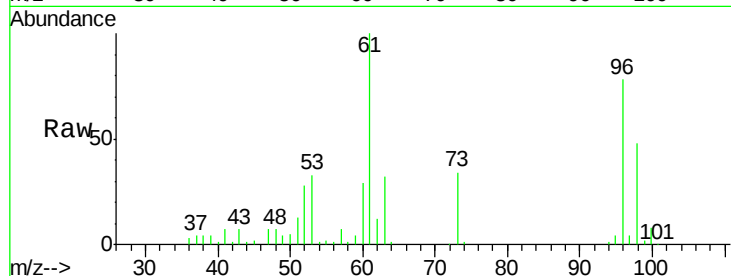
98 61.0 51.1 76.7

Manual Integrations

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MMDadoda

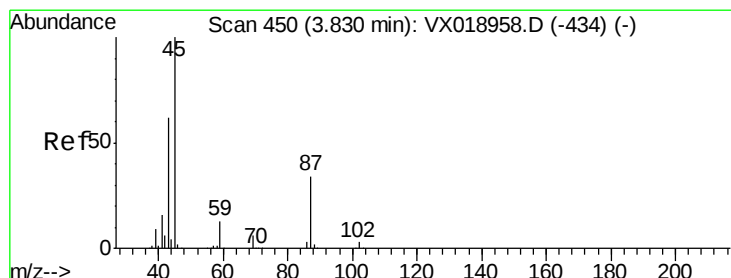
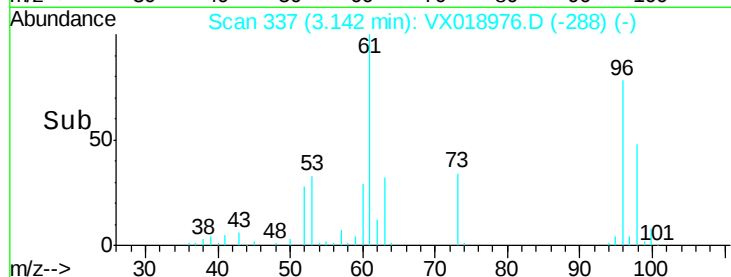
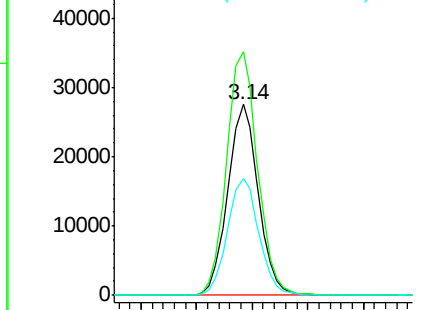
10/20/2020 4:52:53 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 45.189 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Tgt Ion: 45 Resp: 132877

Ion Ratio Lower Upper

45 100

43 64.6 52.8 79.2

87 34.0 22.5 33.7#

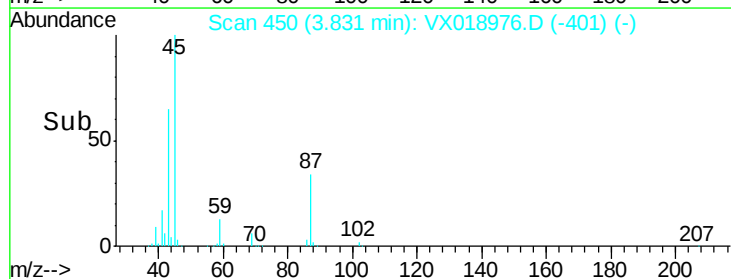
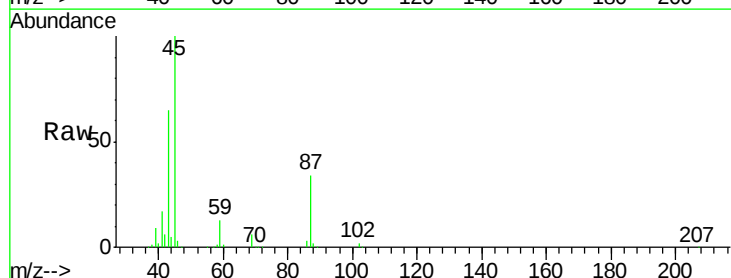
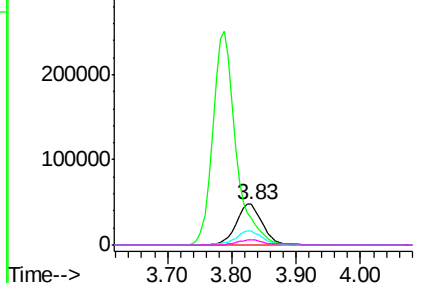
59 12.8 9.0 13.6

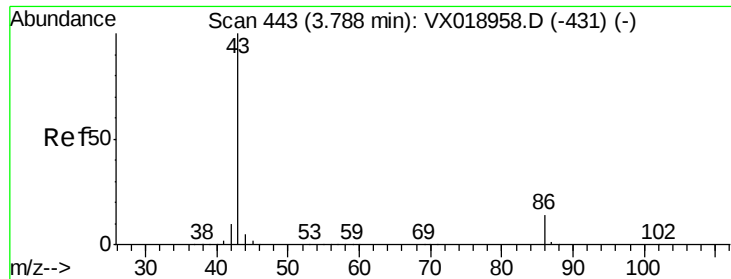
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 241.881 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 632876

Ion Ratio Lower Upper

43 100

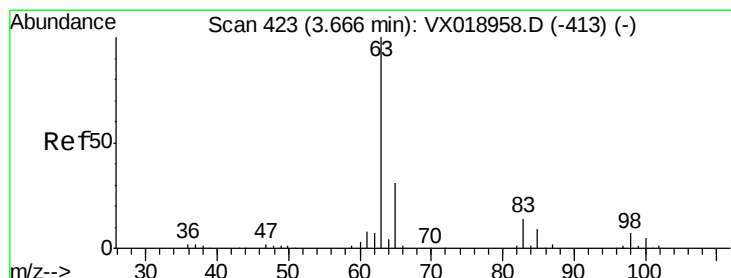
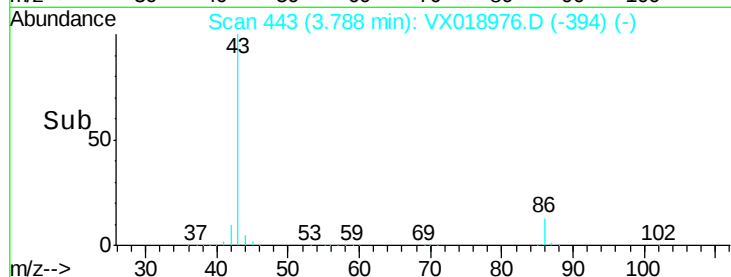
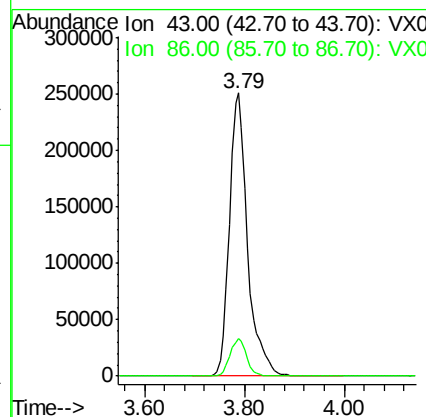
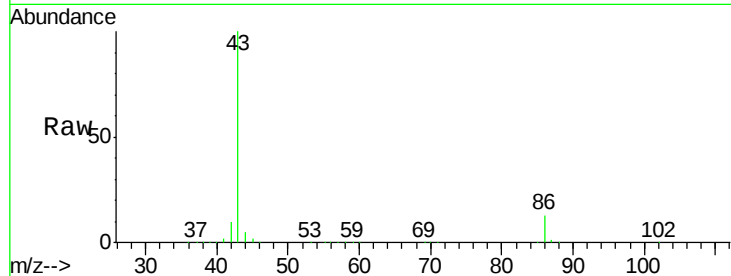
86 13.1 7.9 11.9#

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 53.973 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

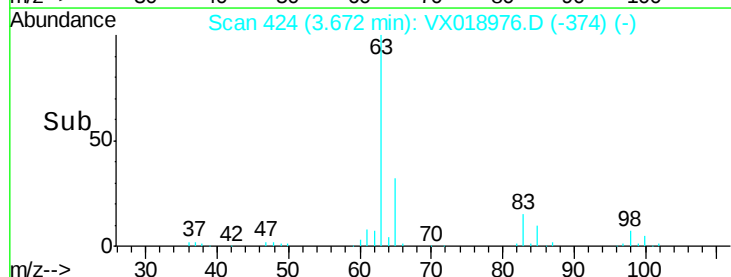
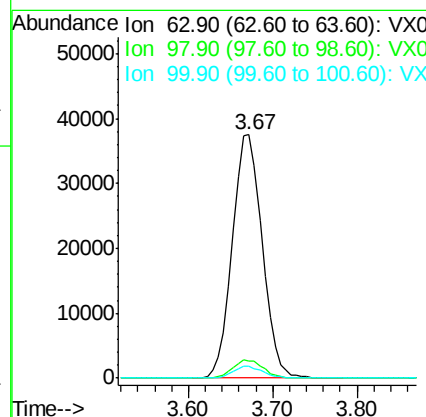
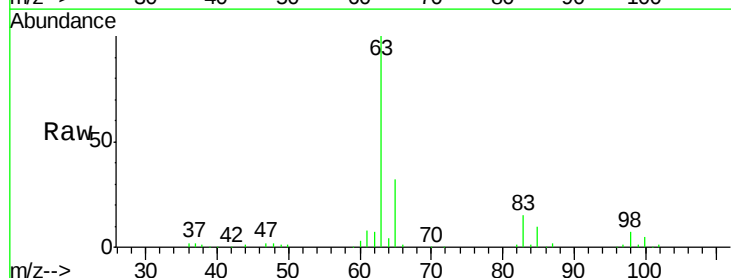
Tgt Ion: 63 Resp: 90343

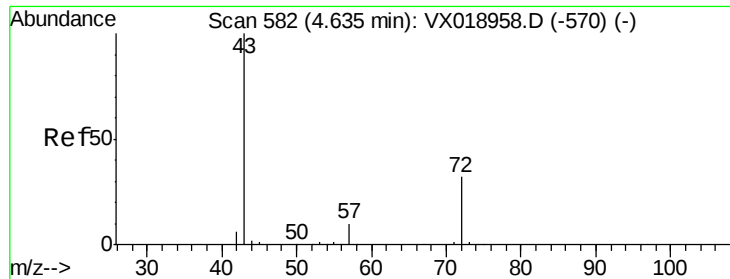
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 5.0 2.0 6.0





#25

2-Butanone

Concen: 238.015 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 179555

Ion Ratio Lower Upper

43 100

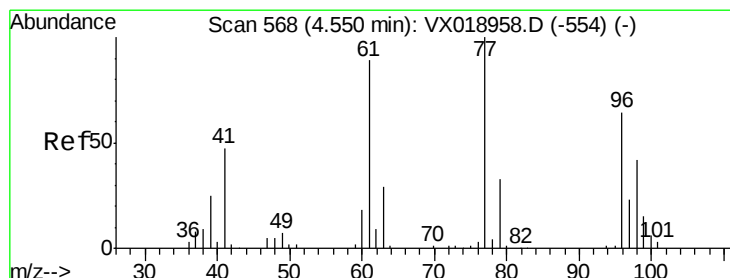
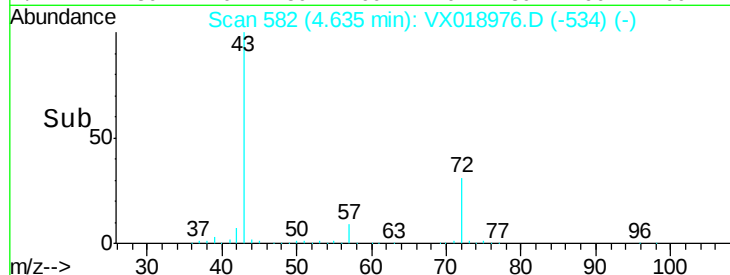
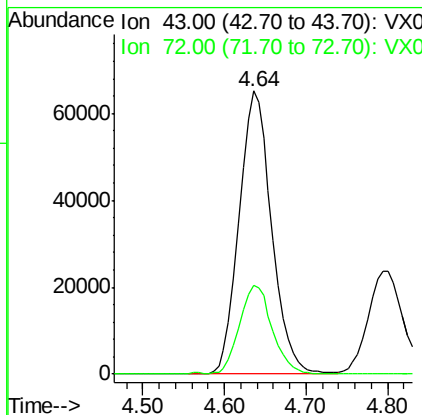
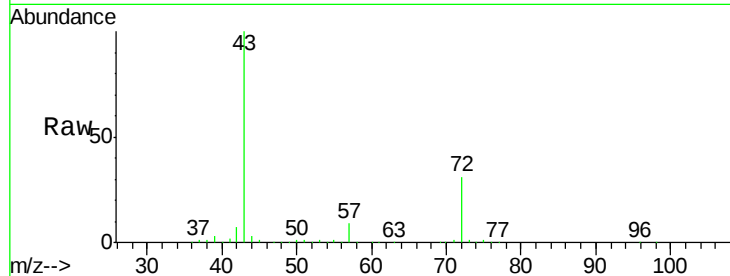
72 31.2 19.8 29.6#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.320 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018976.D

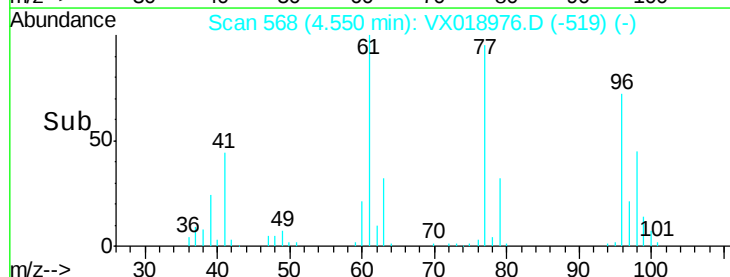
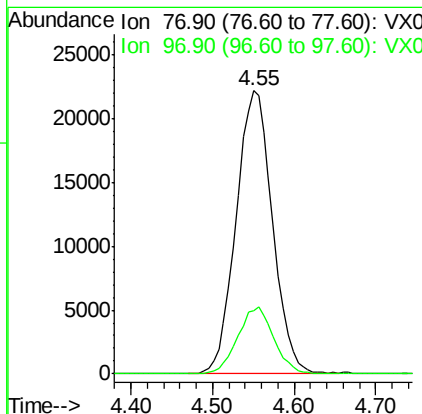
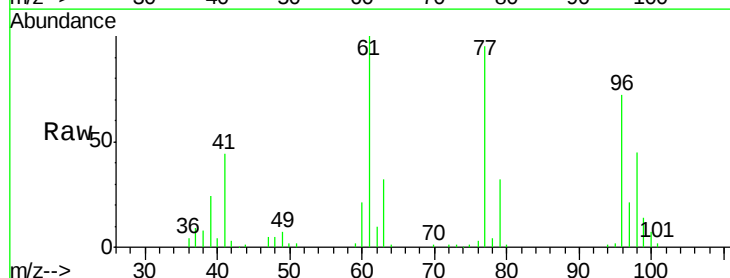
Acq: 20 Oct 2020 01:11

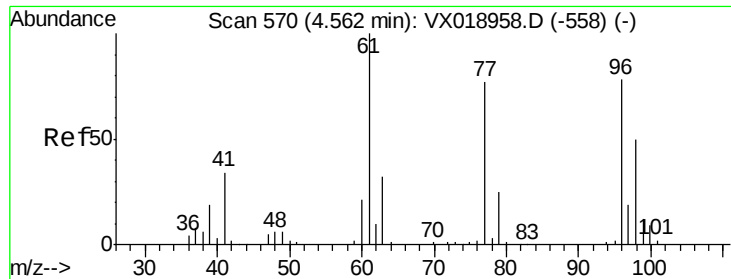
Tgt Ion: 77 Resp: 68532

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.5





#27

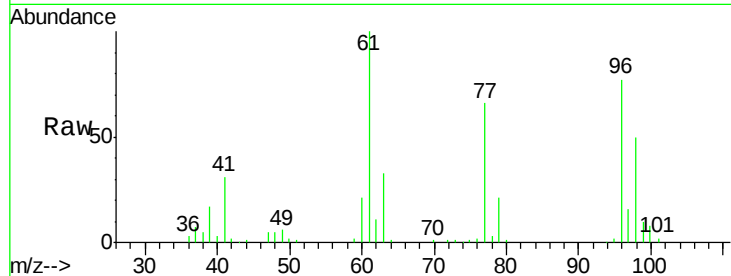
cis-1,2-Dichloroethene
Concen: 56.909 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

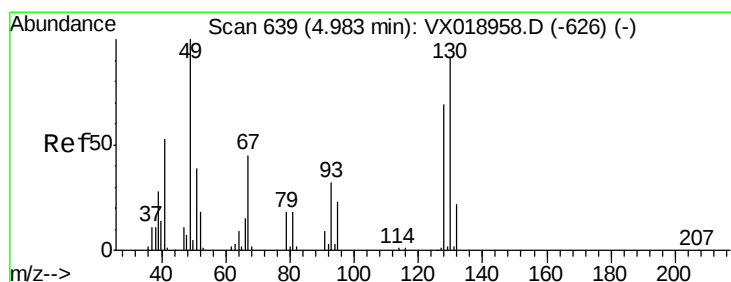
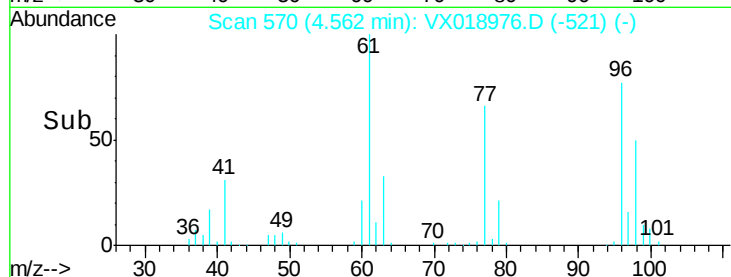
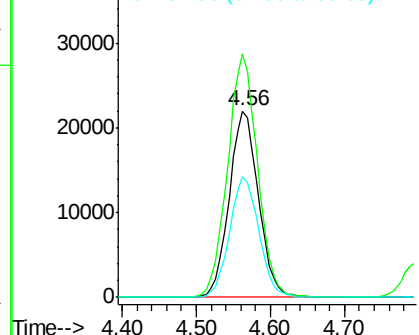
Tot Ion	Ratio	Resp	Lower	Upper
96	100	60241		
61	134.1	0.0	296.6	
98	65.0	0.0	130.2	

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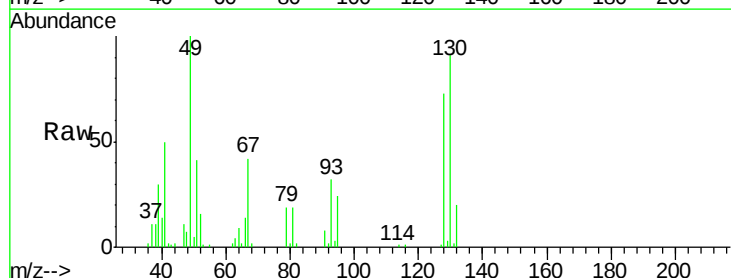
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



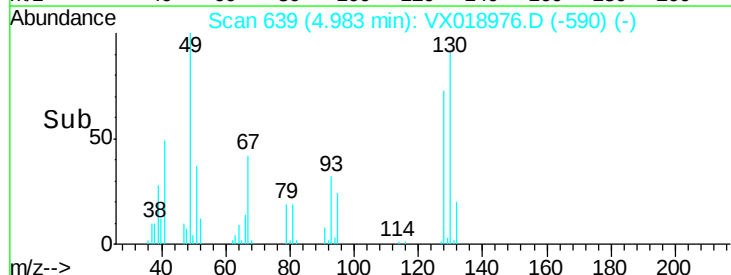
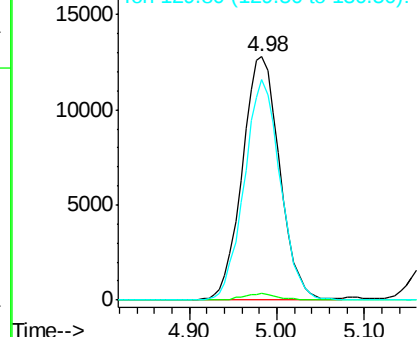
#28

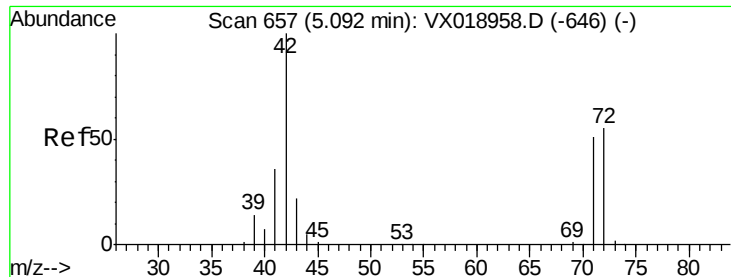
Bromochloromethane
Concen: 47.106 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	38060		
129	2.3	0.0	4.6	
130	86.9	64.6	96.8	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





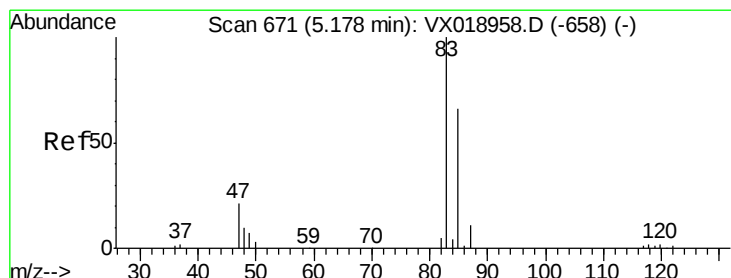
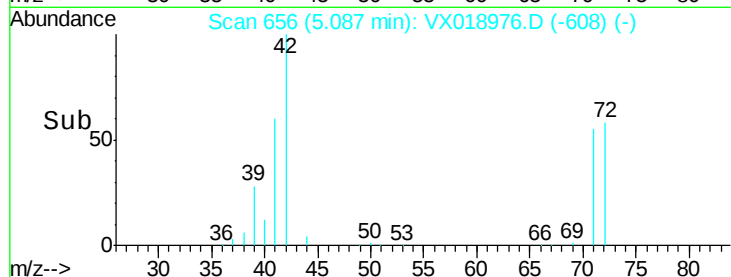
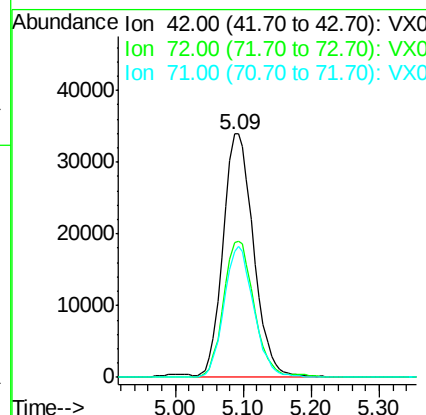
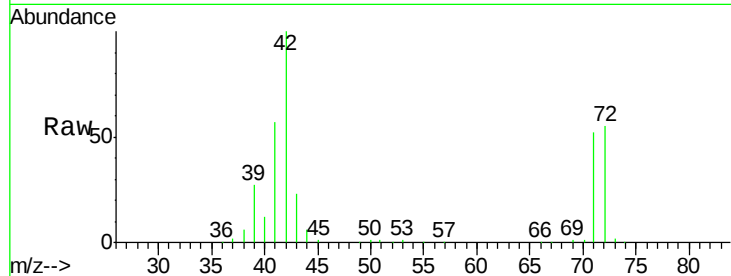
#29
Tetrahydrofuran
Concen: 219.207 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	56.7	34.2	51.4#
71	52.3	32.1	48.1#

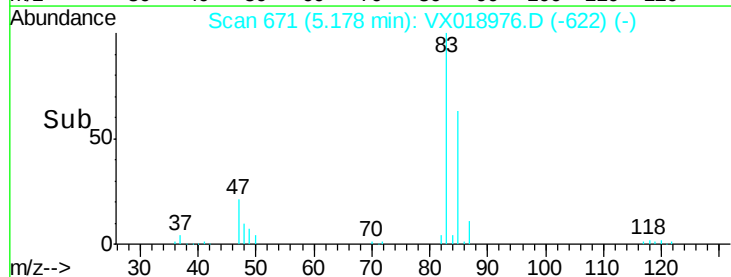
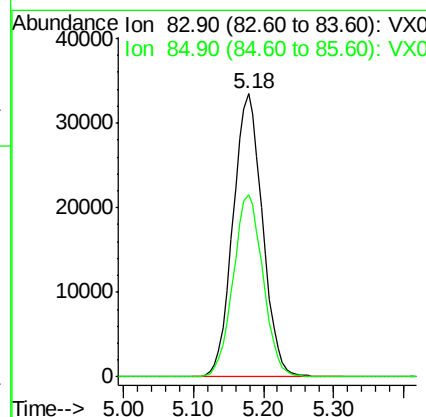
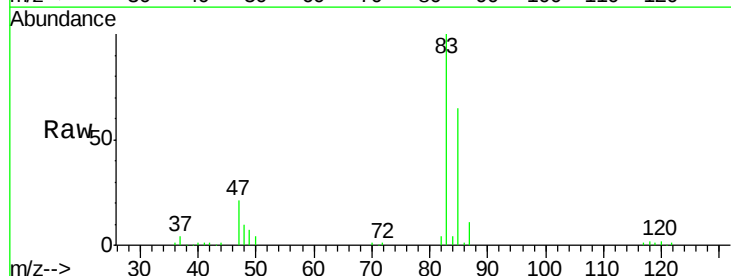
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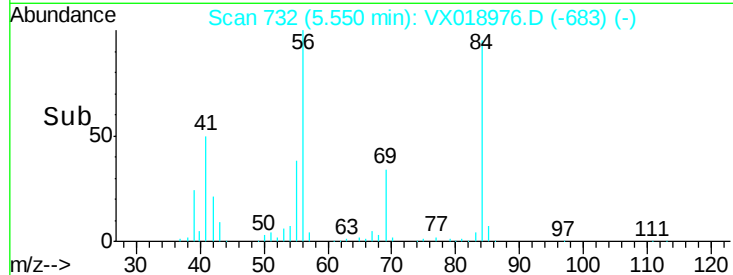
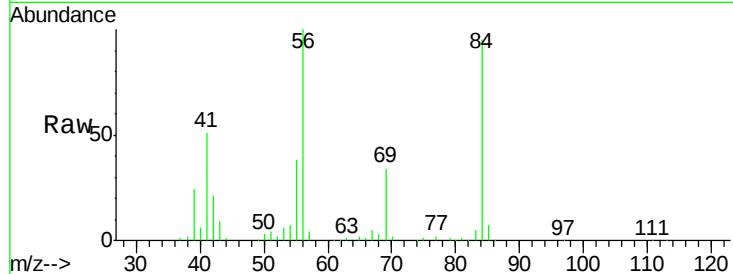
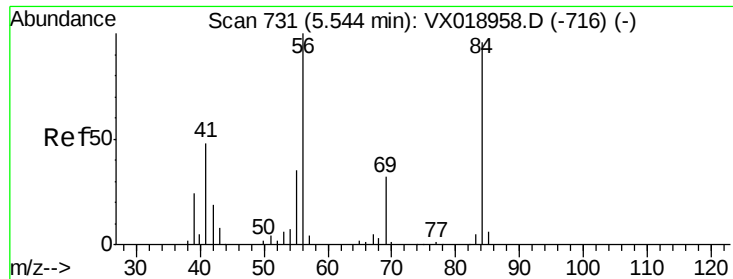
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#30
Chloroform
Concen: 56.551 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.7	76.1





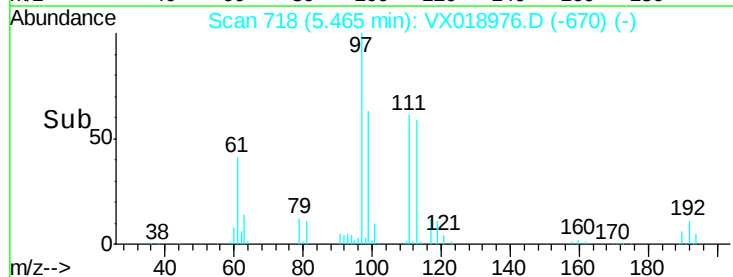
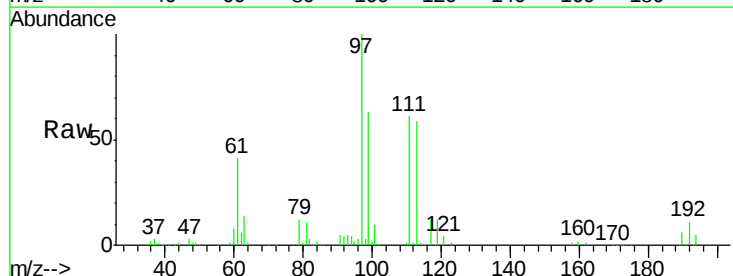
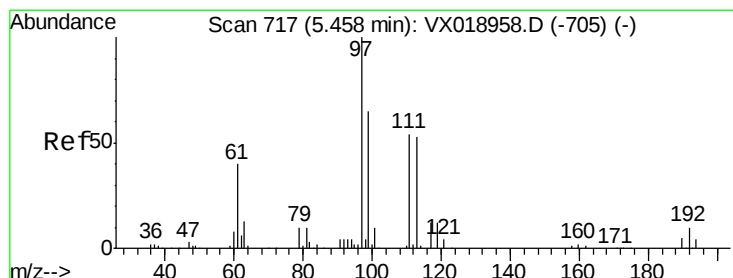
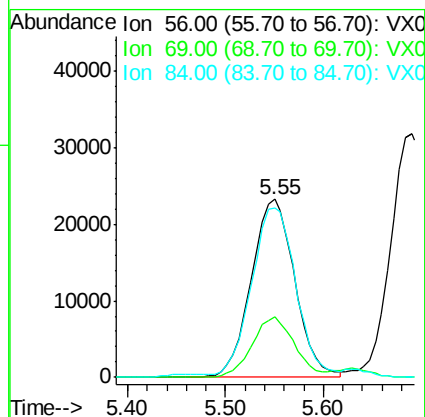
#31
Cyclohexane
Concen: 51.103 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tot Ion: 56 Resp: 72054
Ion Ratio Lower Upper
56 100
69 33.7 23.9 35.9
84 93.1 67.0 100.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

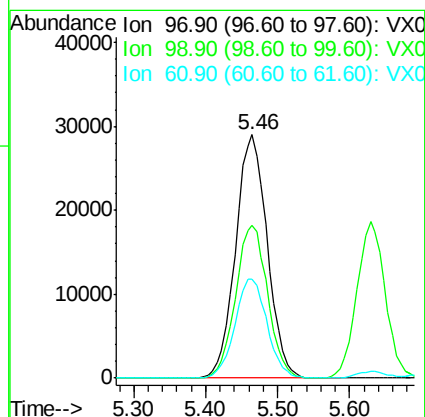
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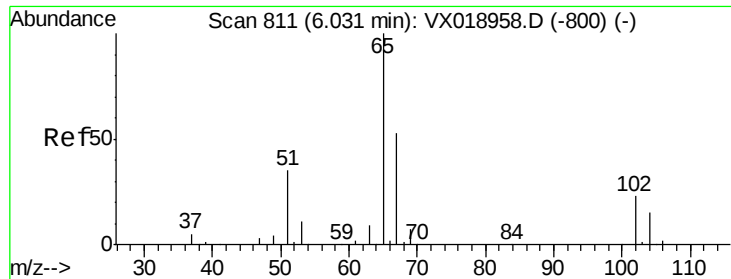
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#32
1,1,1-Trichloroethane
Concen: 55.736 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion: 97 Resp: 88650
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.0
61 41.5 34.2 51.4





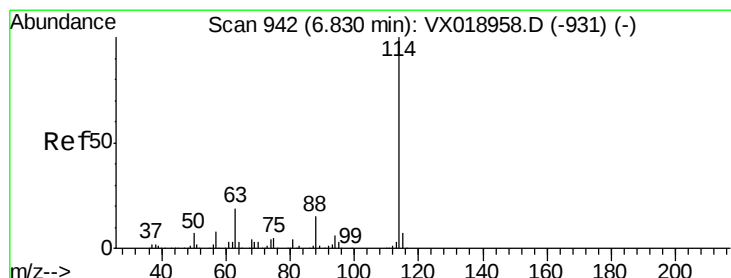
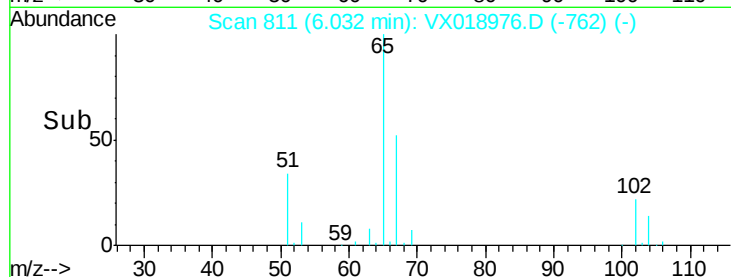
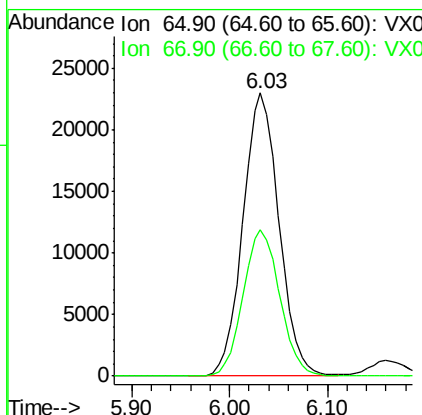
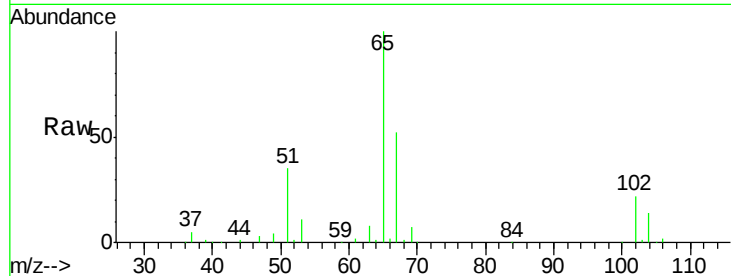
#33
 1,2-Dichloroethane-d4
 Concen: 50.099 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.8

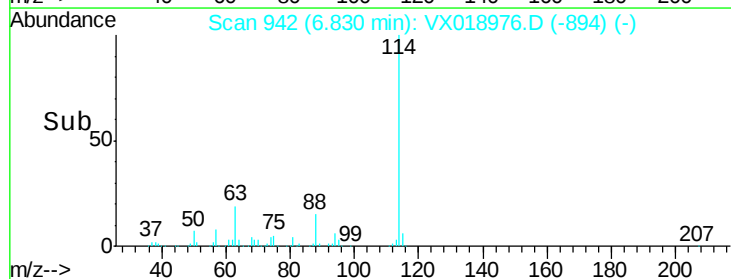
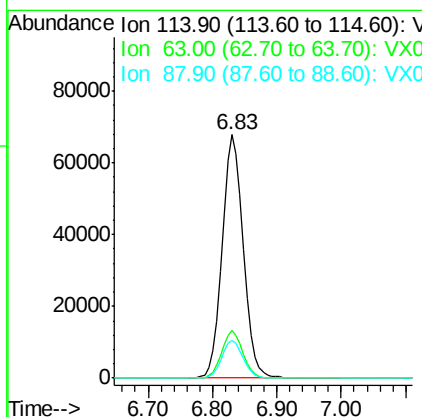
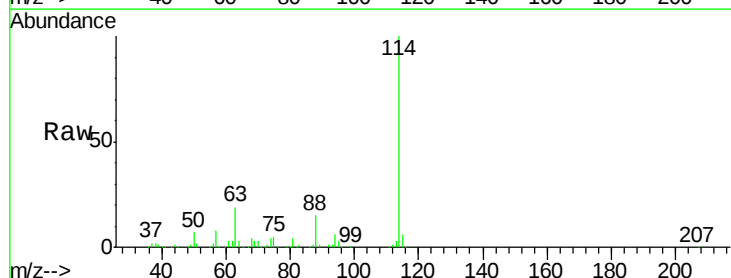
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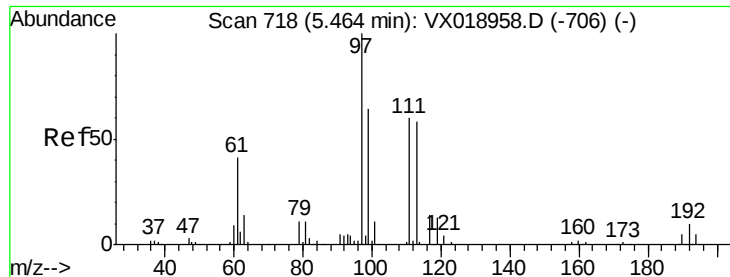
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.6
88	15.5	0.0	31.8





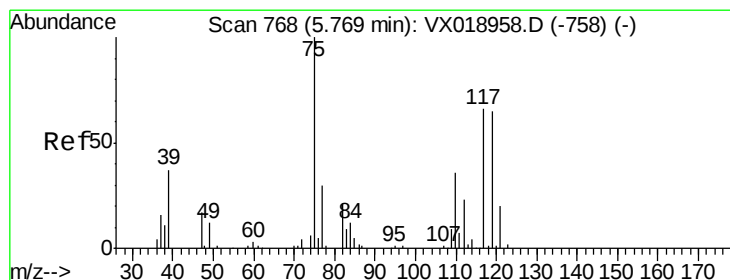
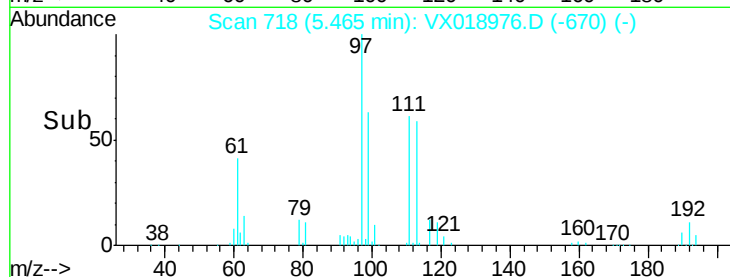
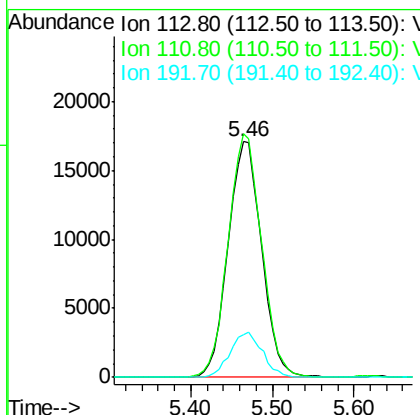
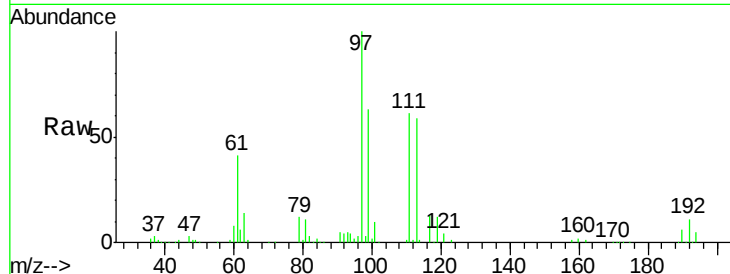
#35
 Dibromofluoromethane
 Concen: 45.363 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	48575		
111	103.3	81.6	122.4	
192	18.4	15.8	23.8	

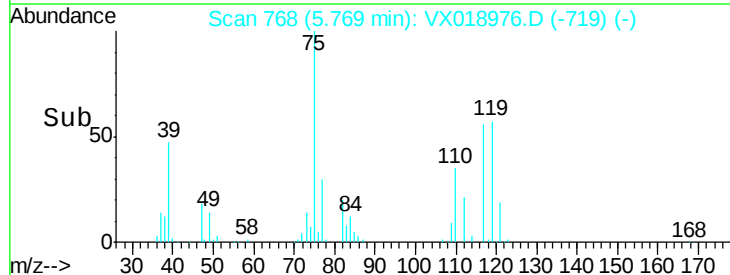
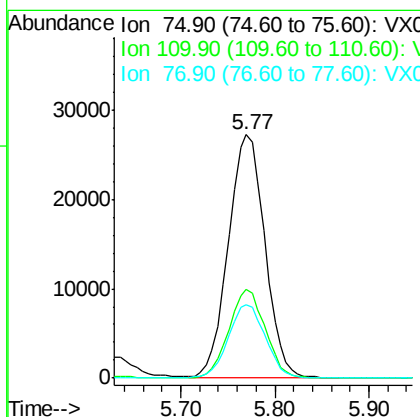
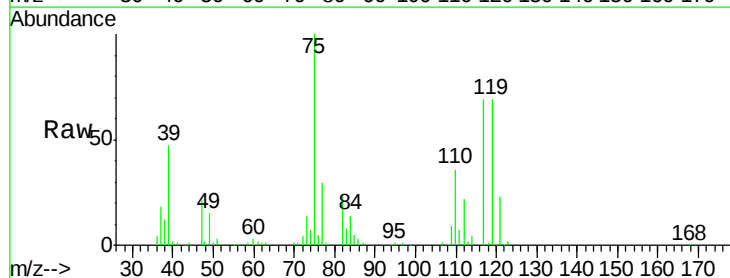
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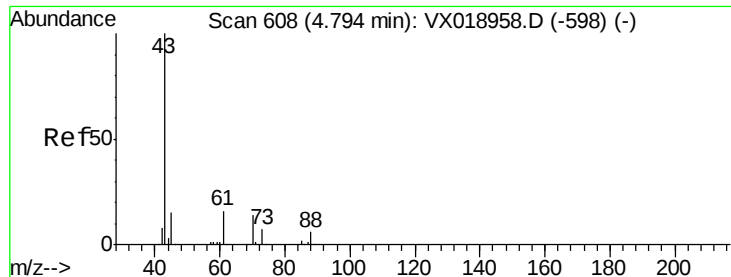
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#36
 1,1-Dichloropropene
 Concen: 50.768 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73623		
110	36.2	18.0	54.0	
77	30.7	24.4	36.6	





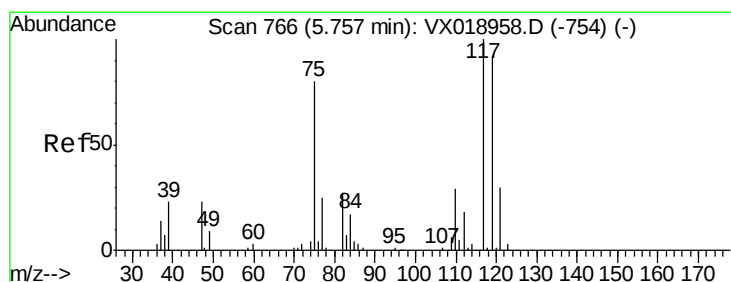
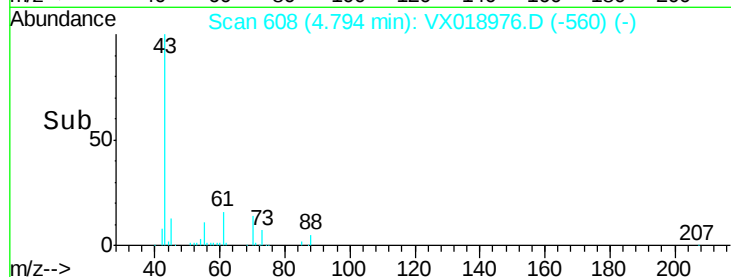
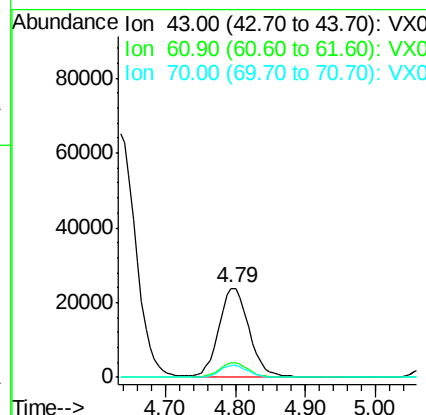
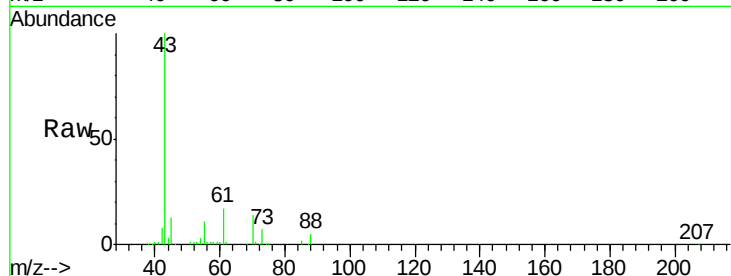
#37
Ethyl Acetate
Concen: 42.197 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	11.3	16.9
70	13.0	8.2	12.4

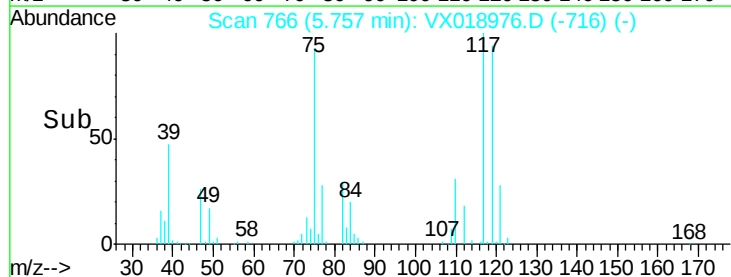
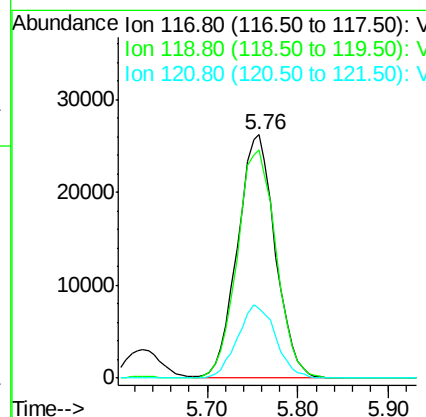
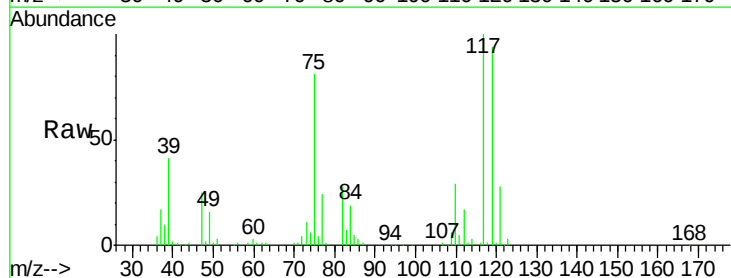
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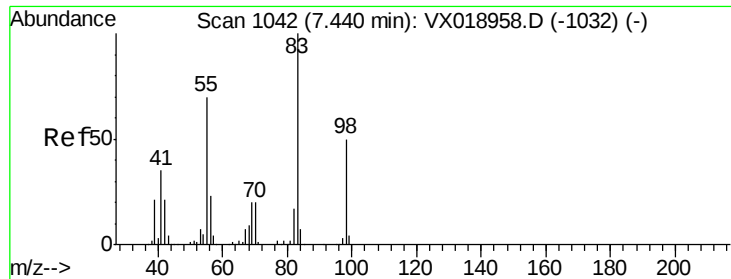
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#38
Carbon Tetrachloride
Concen: 46.299 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.8	113.6
121	28.3	23.4	35.0





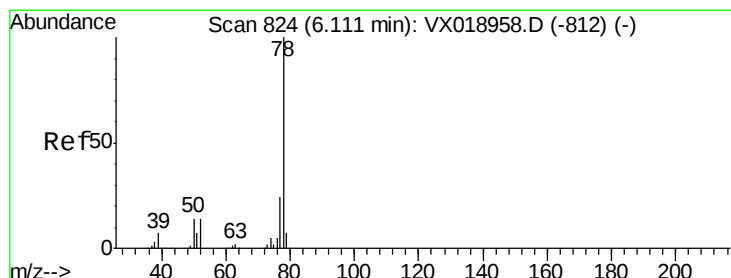
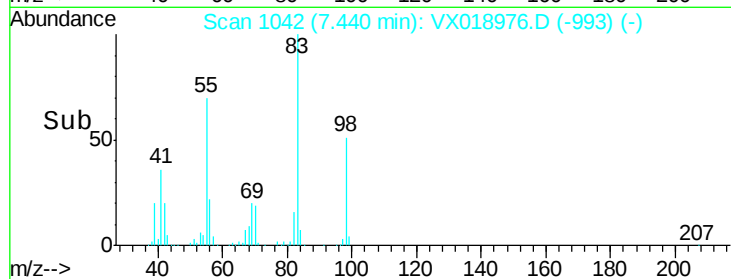
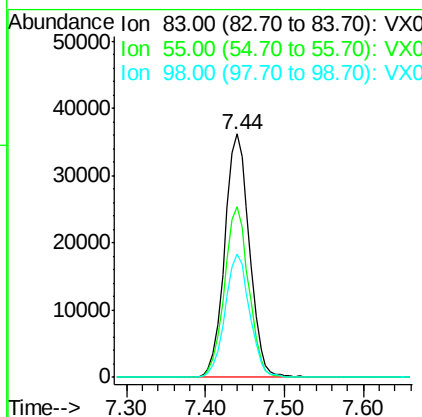
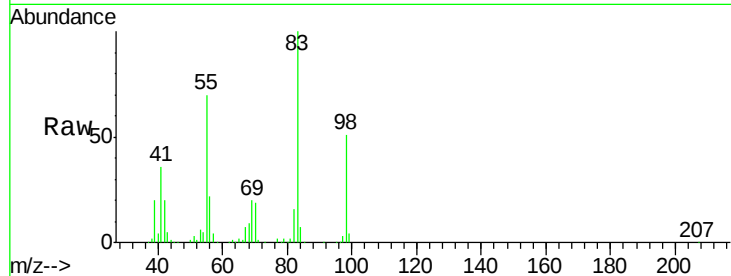
#39
Methvlcvclohexane
Concen: 49.832 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	61.8	92.6
98	50.8	36.6	55.0

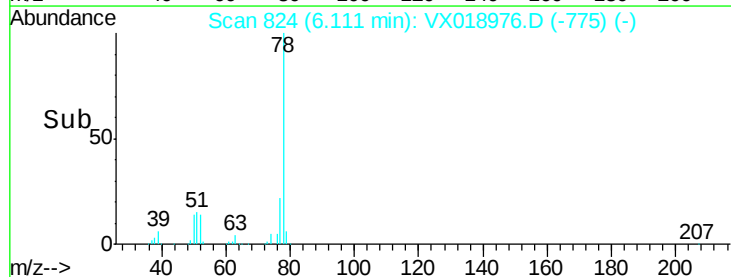
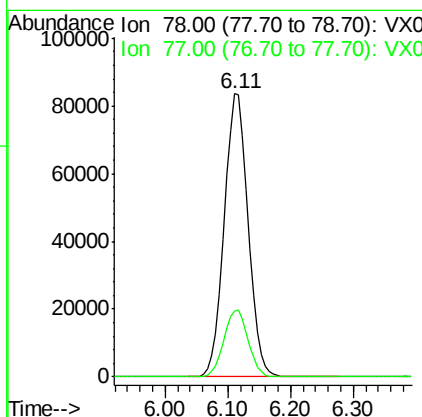
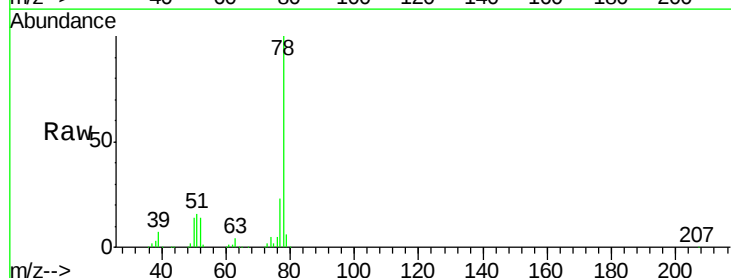
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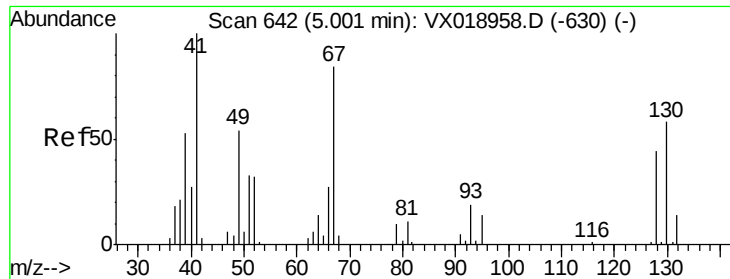
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#40
Benzene
Concen: 51.721 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.2	27.2





#41

Methacrylonitrile

Concen: 40.349 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 37315

Ion Ratio Lower Upper

41 100

39 55.9 43.1 64.7

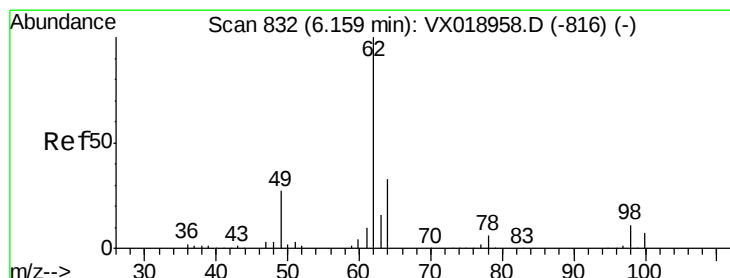
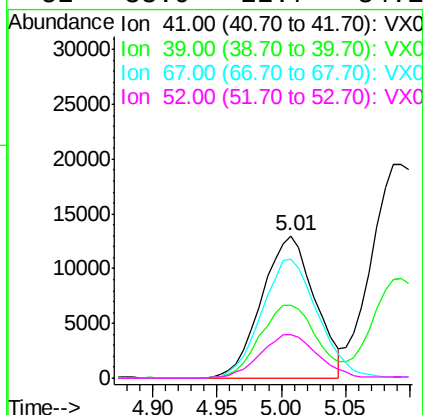
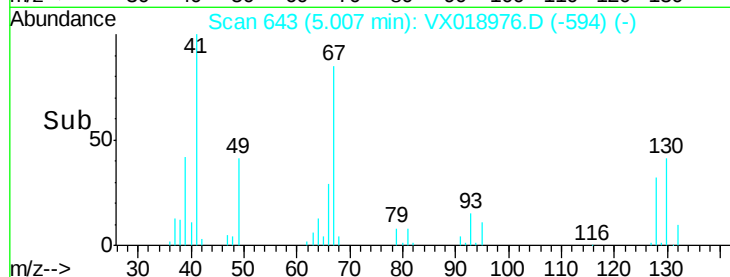
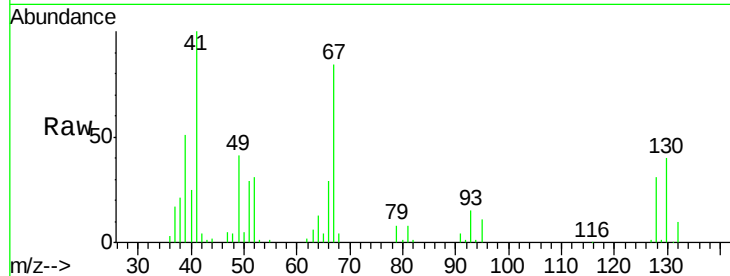
67 88.8 56.0 84.0#

52 33.9 22.7 34.1

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10/20/2020 4:52:53 PM



#42

1,2-Dichloroethane

Concen: 47.197 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018976.D

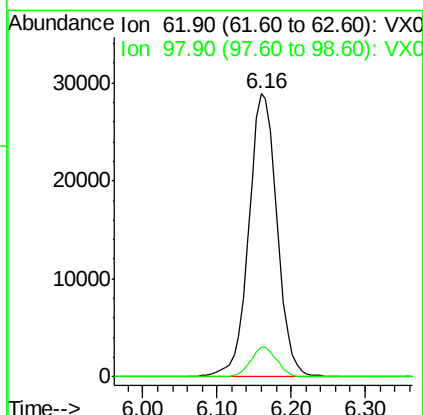
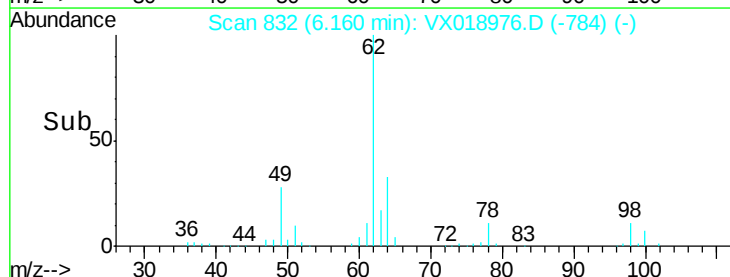
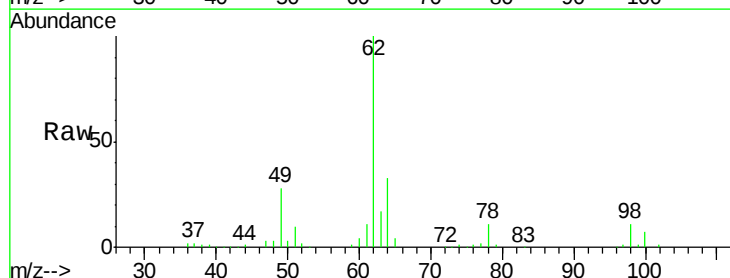
Acq: 20 Oct 2020 01:11

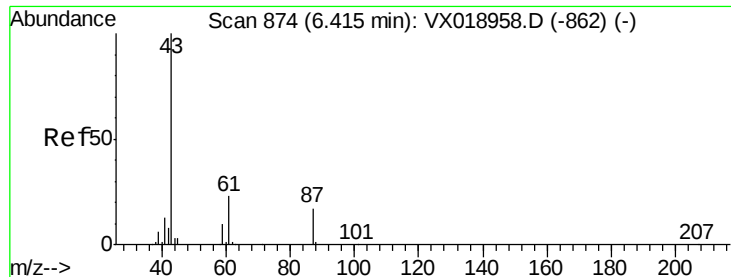
Tgt Ion: 62 Resp: 77056

Ion Ratio Lower Upper

62 100

98 9.9 0.0 18.2





#43

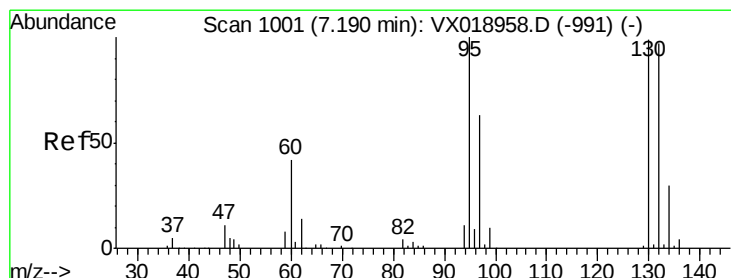
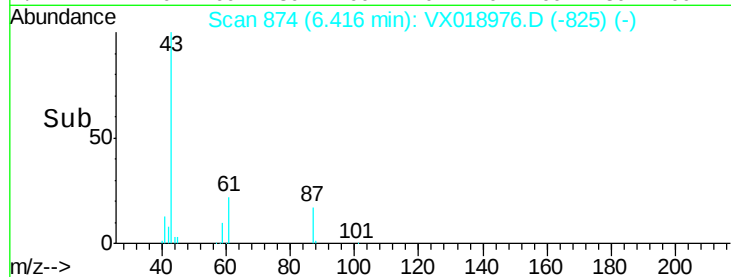
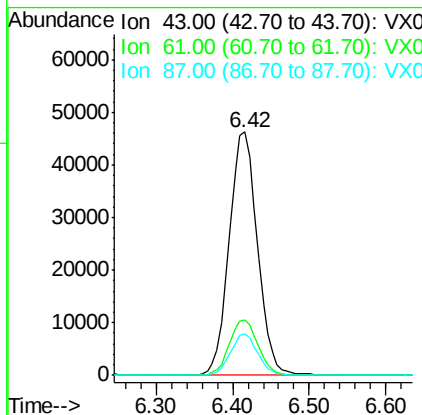
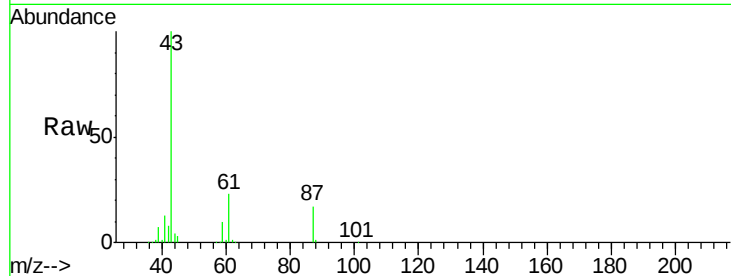
Isopropyl Acetate
 Concen: 43.389 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	15.7	23.5
87	16.4	10.3	15.5

Manual Integrations
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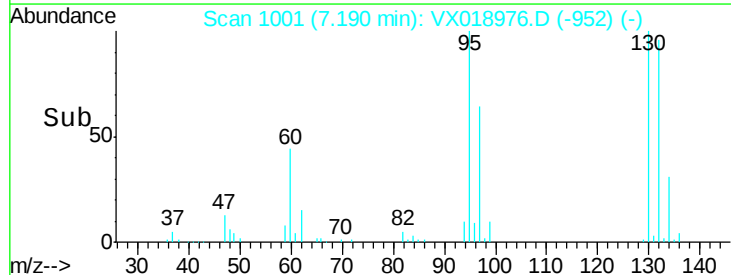
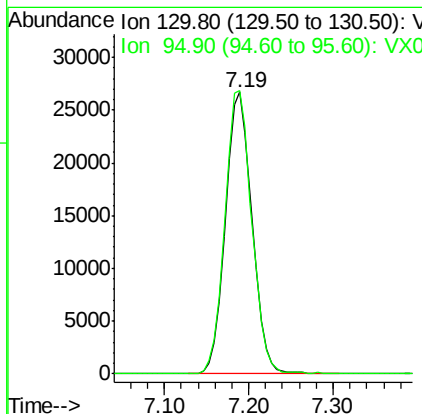
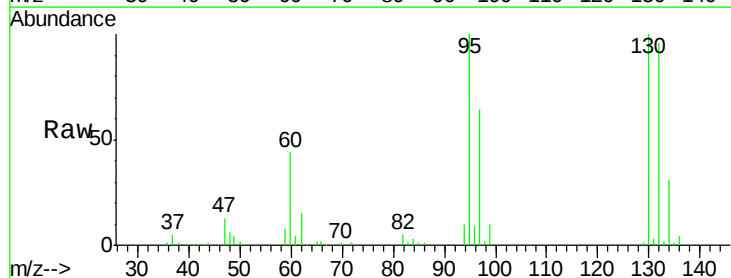
MMDadoda
 10/20/2020 4:52:53 PM

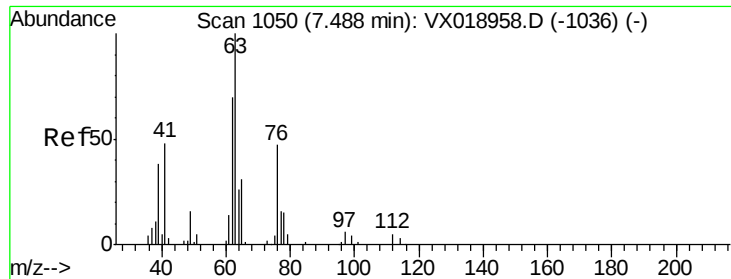


#44

Trichloroethene
 Concen: 47.683 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	196.4





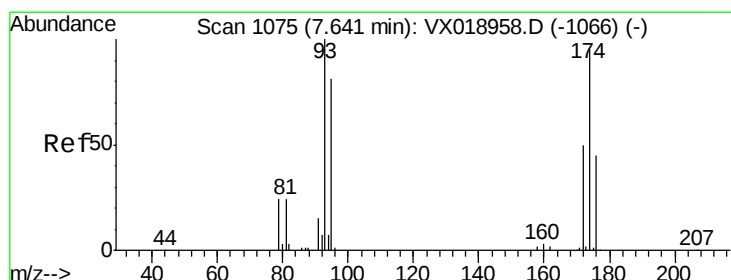
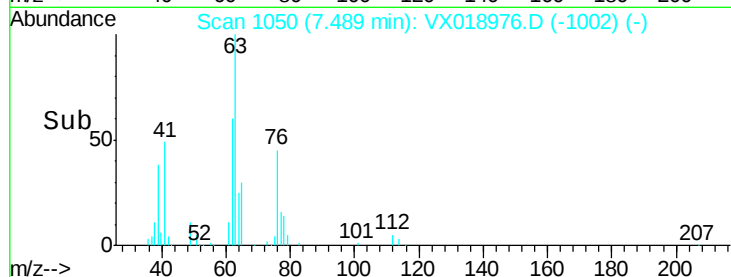
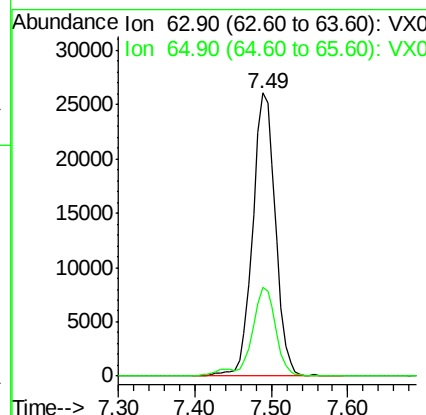
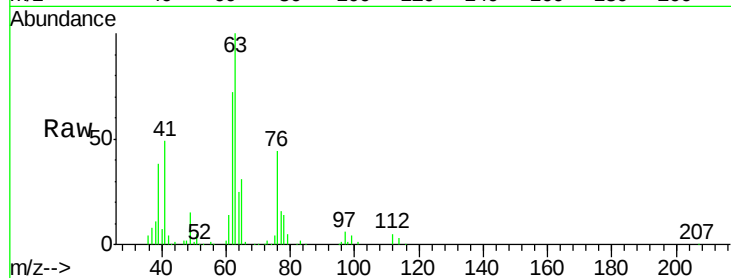
#45
 1,2-Dichloropropane
 Concen: 47.024 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 54006
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.7 38.5

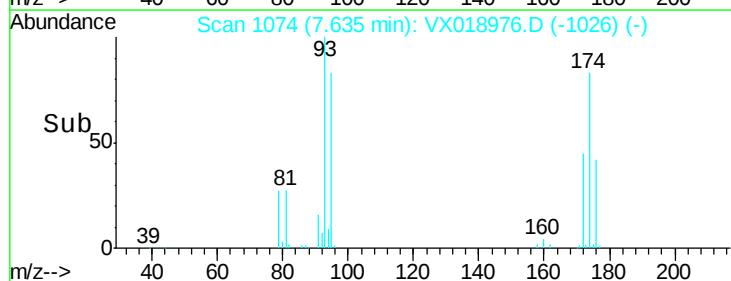
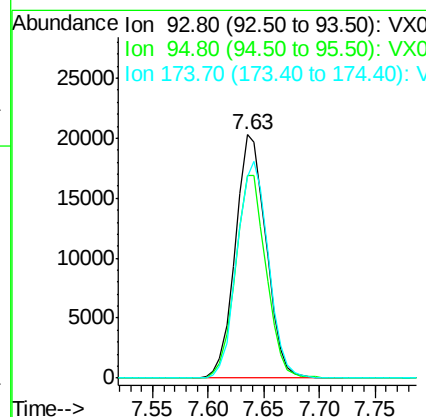
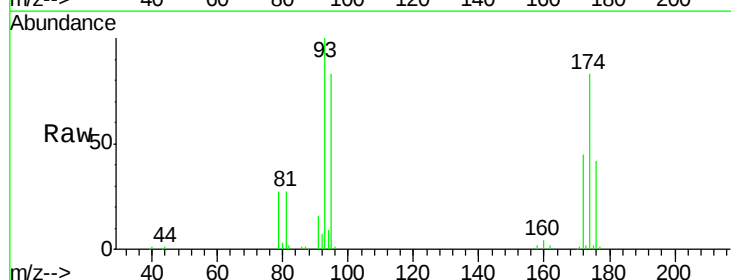
Manual Integrations
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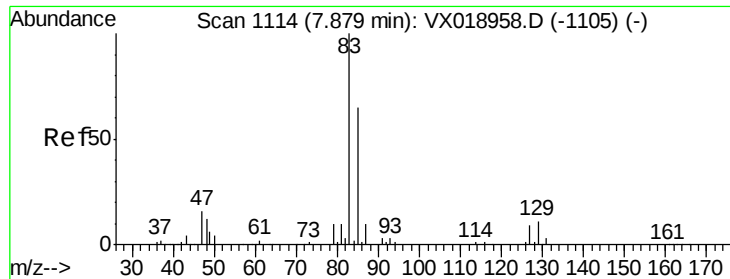
MMDadoda
 10/20/2020 4:52:53 PM



#46
 Dibromomethane
 Concen: 48.241 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Tgt Ion: 93 Resp: 38961
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.3 100.9
 174 90.3 82.2 123.2





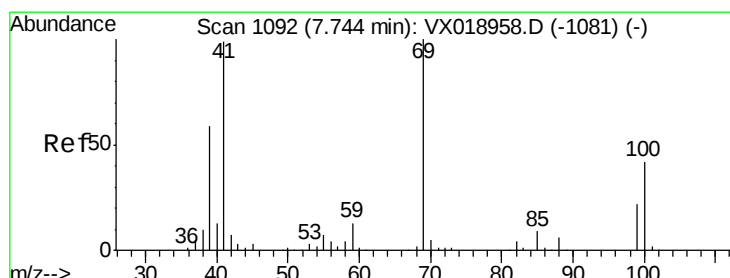
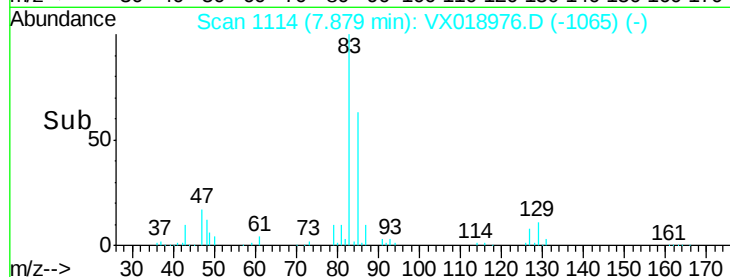
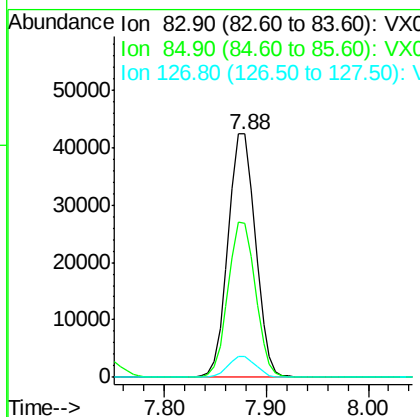
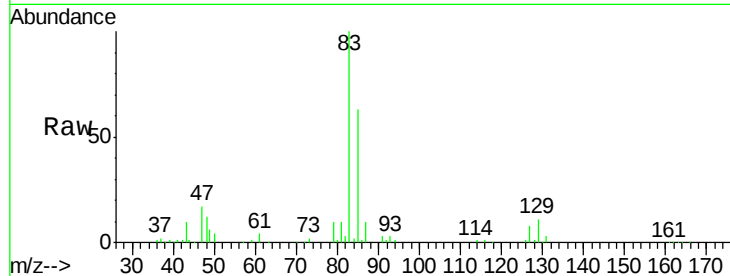
#47
Bromodichloromethane
Concen: 49.087 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	79157
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	51.8	77.6
127	8.5	7.7	11.5

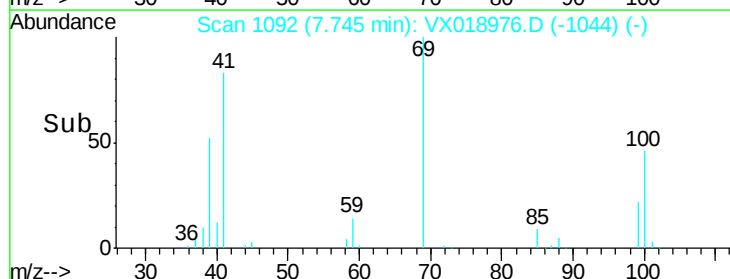
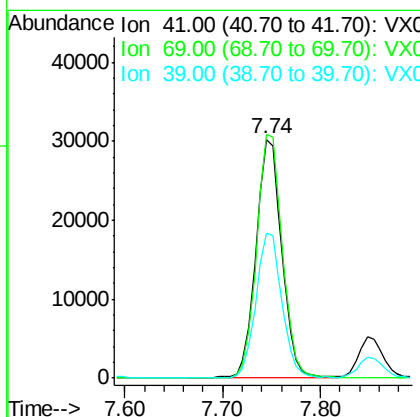
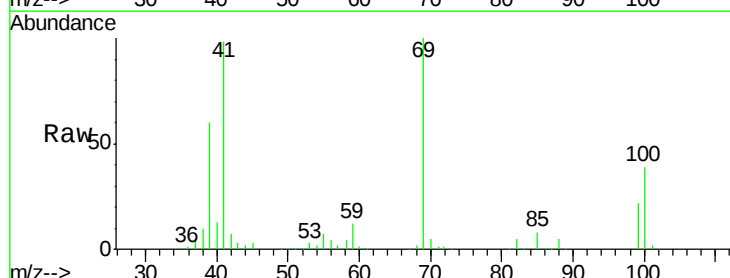
Manual Integrations
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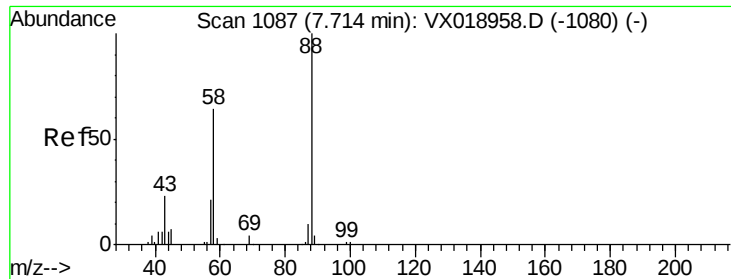
MMDadoda
10/20/2020 4:52:53 PM



#48
Methyl methacrylate
Concen: 41.134 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	41	Resp	55707
Ion Ratio	100	Lower	Upper
41	100		
69	101.0	65.5	98.3#
39	60.7	44.5	66.7





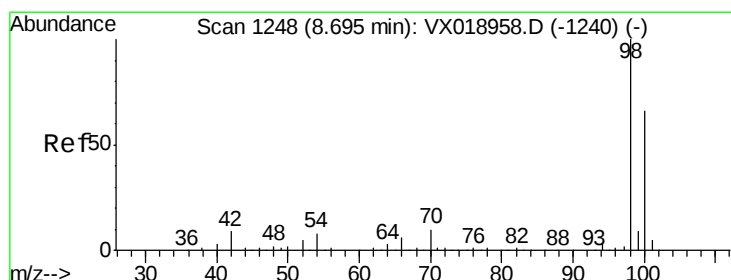
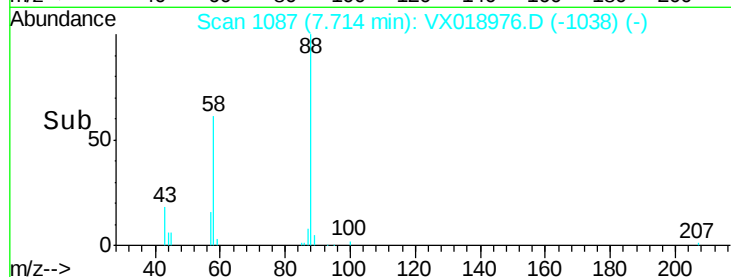
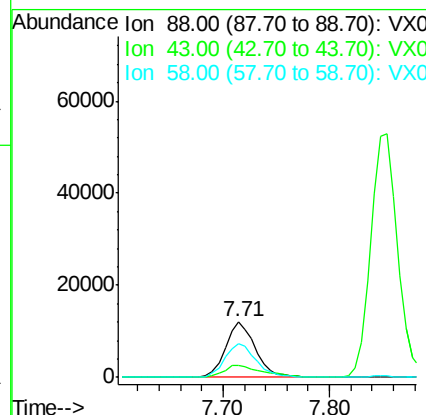
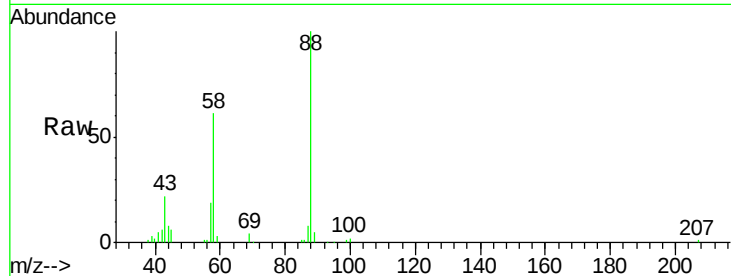
#49
1,4-Dioxane
Concen: 949.226 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	27.4	41.0
58	64.3	56.4	84.6

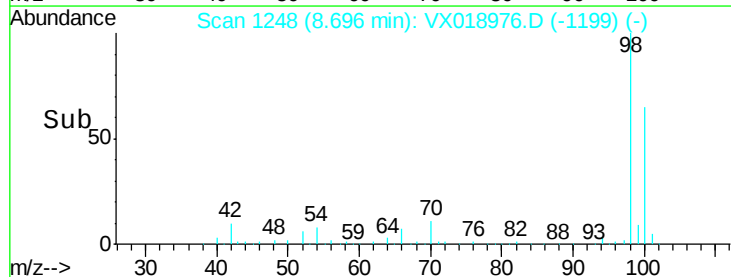
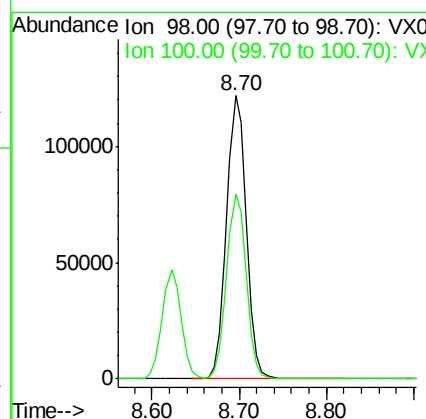
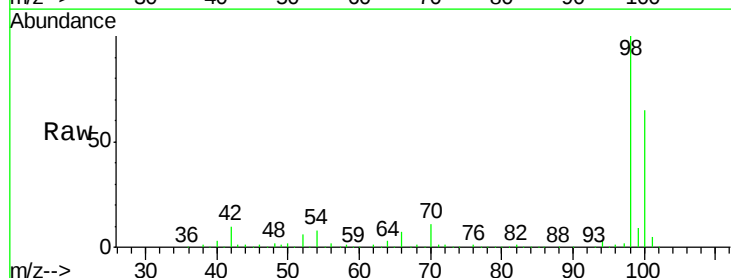
Manual Integrations
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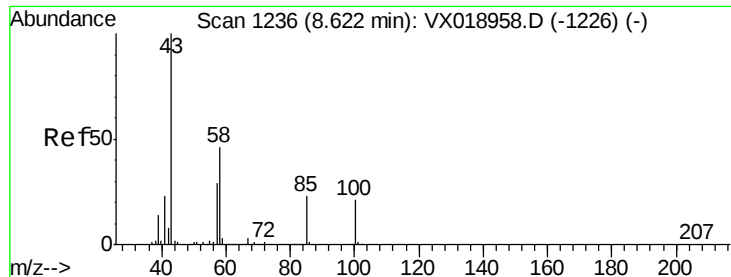
MMDadoda
10/20/2020 4:52:53 PM



#50
Toluene-d8
Concen: 47.672 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 212.507 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 357111

Ion Ratio Lower Upper

43 100

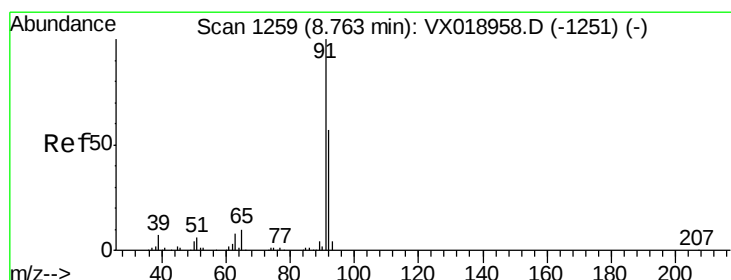
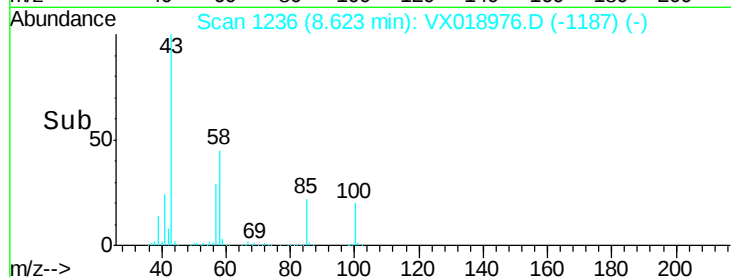
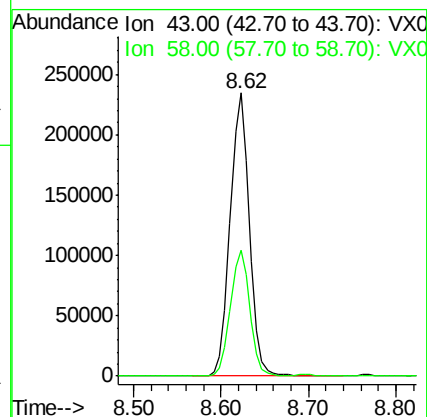
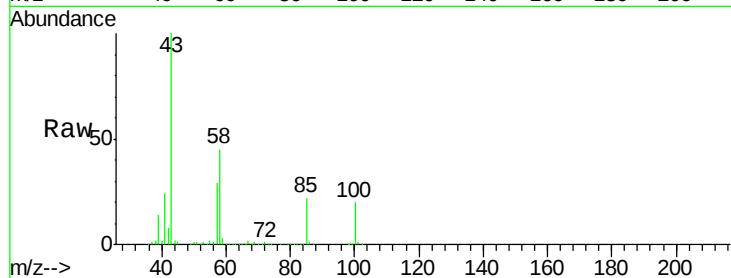
58 45.0 30.7 46.1

Manual Integrations

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10/20/2020 4:52:53 PM



#52

Toluene

Concen: 53.491 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018976.D

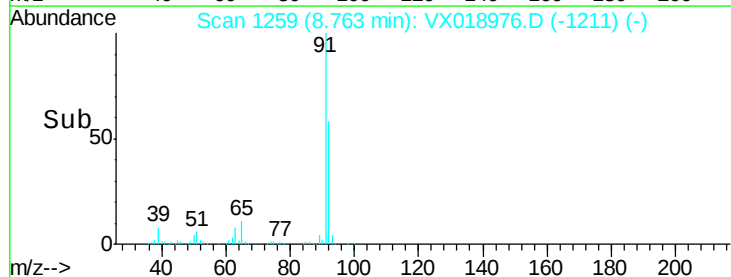
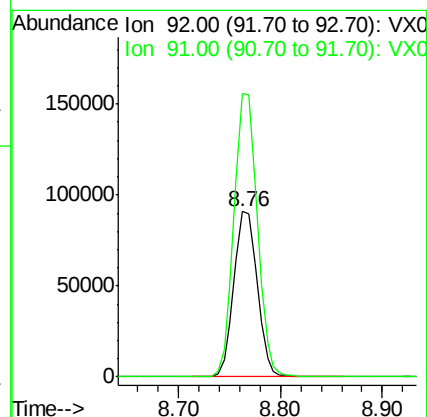
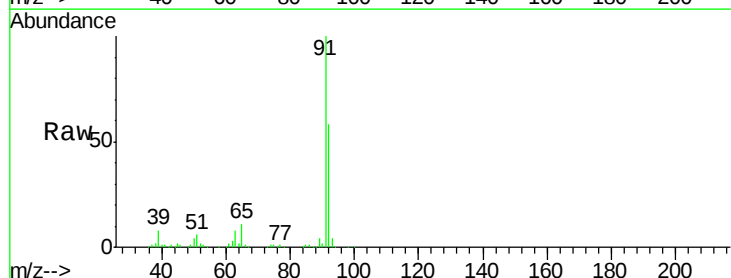
Acq: 20 Oct 2020 01:11

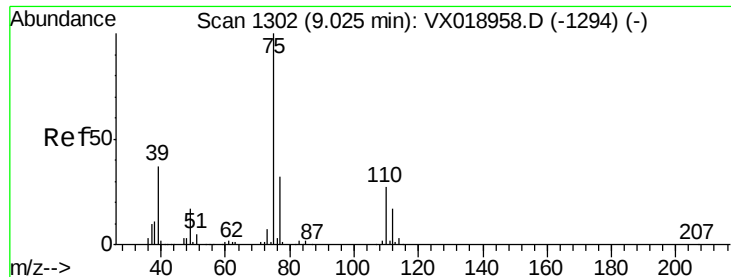
Tgt Ion: 92 Resp: 144535

Ion Ratio Lower Upper

92 100

91 170.6 140.3 210.5





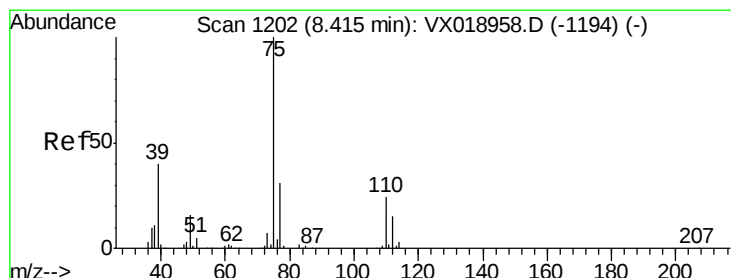
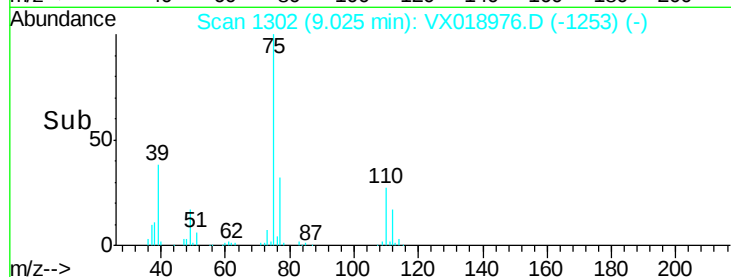
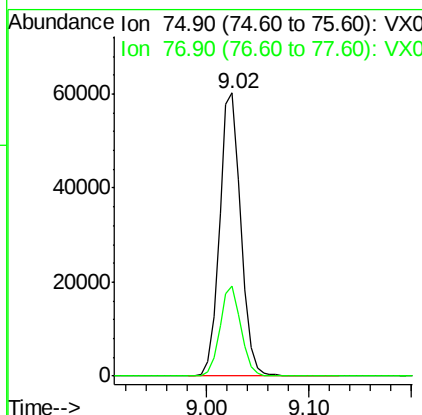
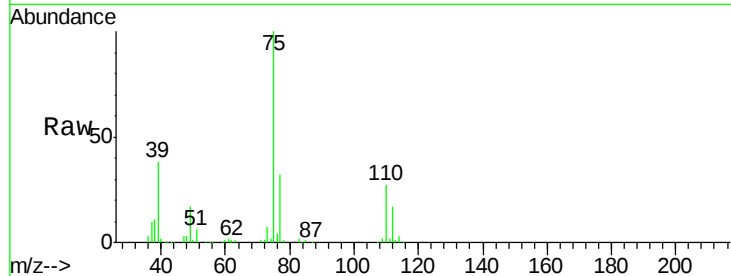
#53
t-1,3-Dichloropropene
Concen: 48.915 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 87423
Ion Ratio Lower Upper
75 100
77 31.9 26.6 39.8

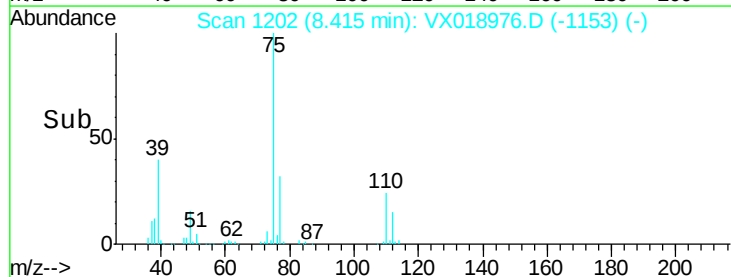
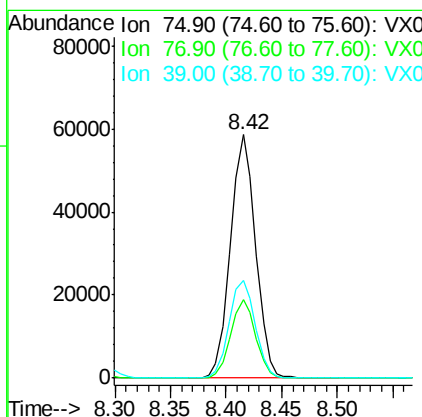
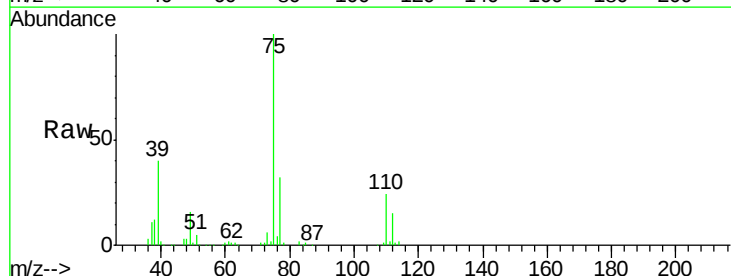
Manual Integrations
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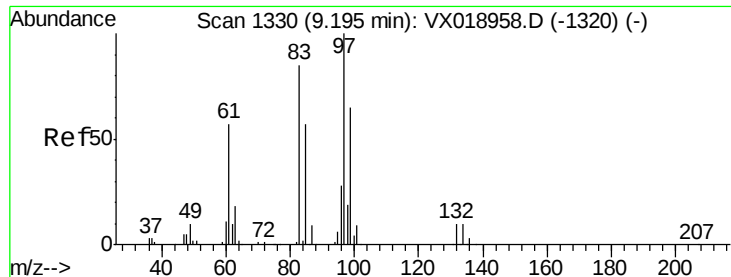
MMDadoda
10/20/2020 4:52:53 PM



#54
cis-1,3-Dichloropropene
Concen: 48.425 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion: 75 Resp: 91681
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
39 40.1 38.8 58.2





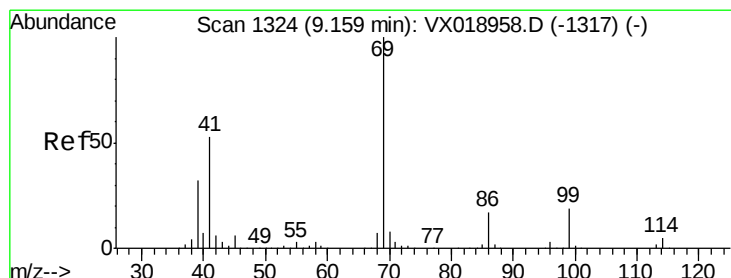
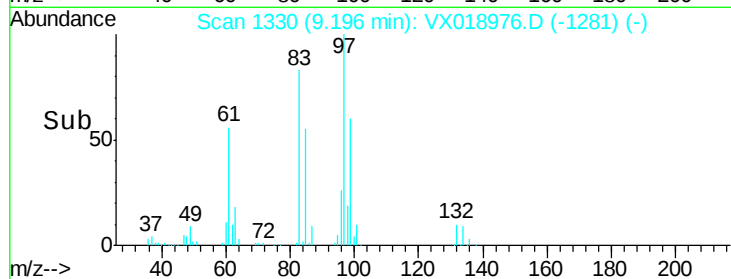
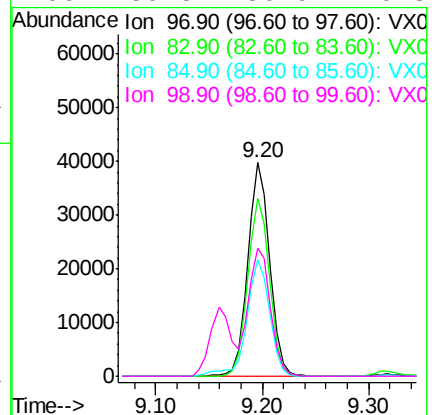
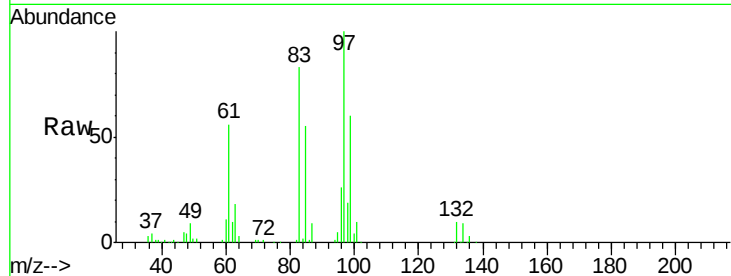
#55
 1,1,2-Trichloroethane
 Concen: 49.617 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		57179		
83	83.2	67.8	101.6		
85	54.5	45.3	67.9		
99	59.8	50.9	76.3		

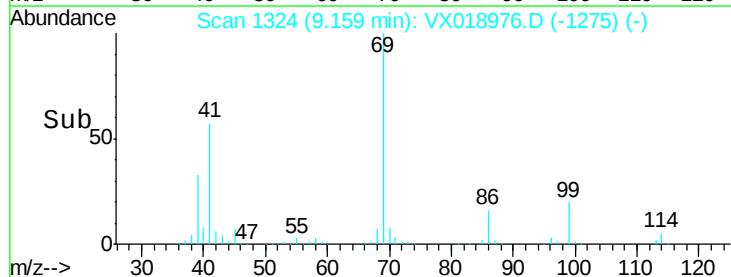
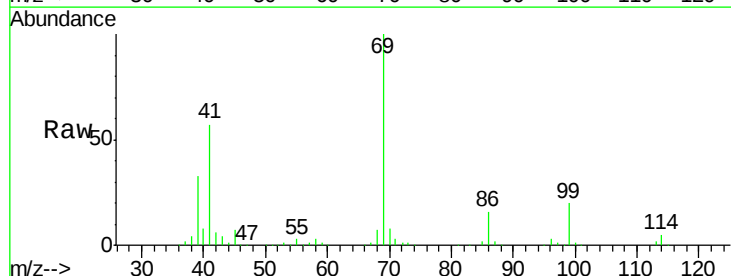
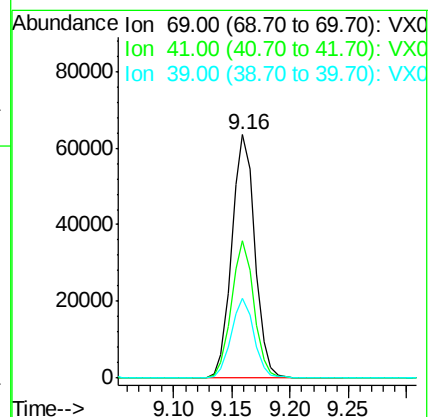
Manual Integrations
 APPROVED

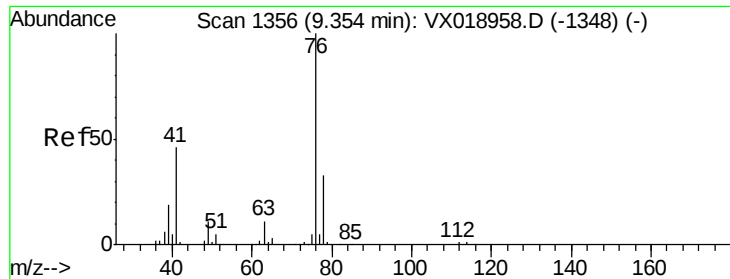
MMDadoda
 10/20/2020 4:52:53 PM



#56
 Ethyl methacrylate
 Concen: 51.232 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		87769		
41	55.2	54.6	81.8		
39	32.4	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 50.015 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 95065

Ion Ratio Lower Upper

76 100

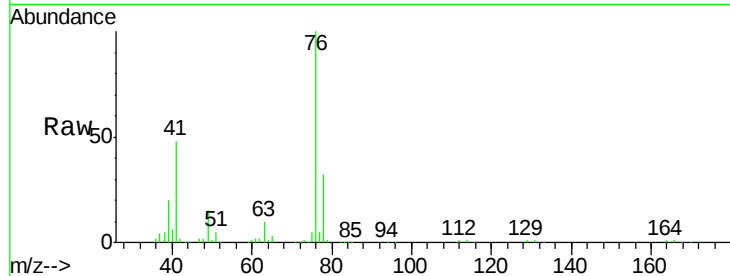
78 32.2 25.8 38.6

Manual Integrations

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MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

60000

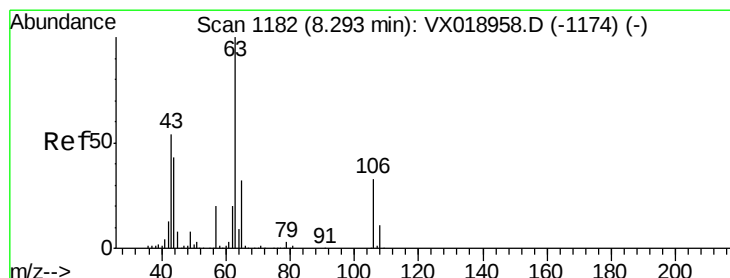
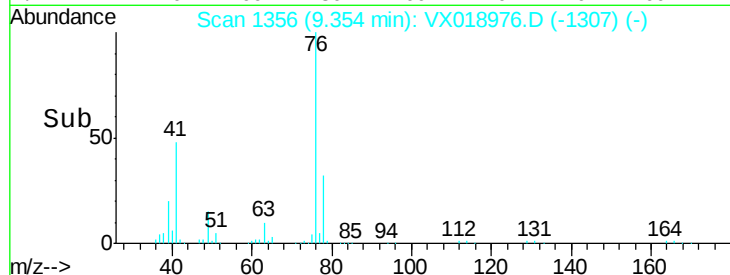
40000

20000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 295.750 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018976.D

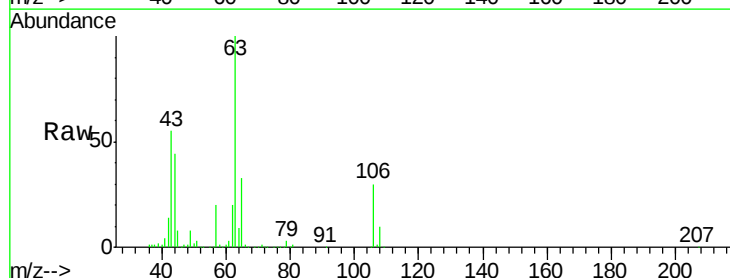
Acq: 20 Oct 2020 01:11

Tgt Ion: 63 Resp: 227923

Ion Ratio Lower Upper

63 100

106 30.2 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

150000

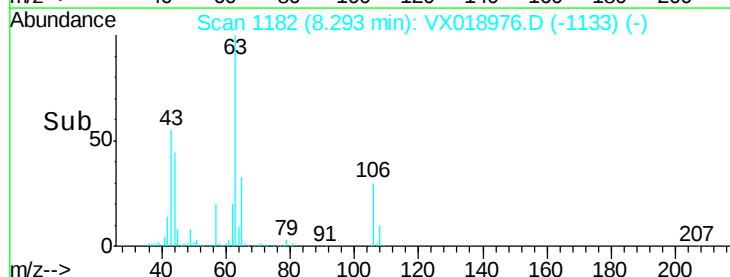
100000

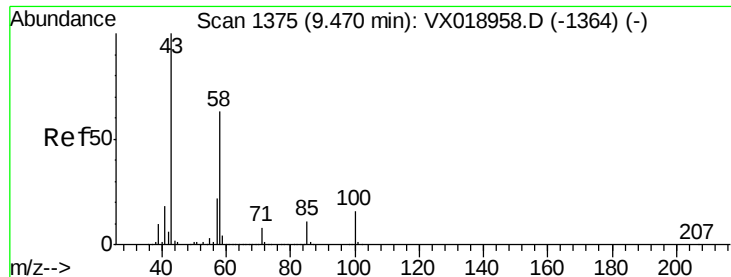
50000

0

Time-->

8.20 8.30 8.40





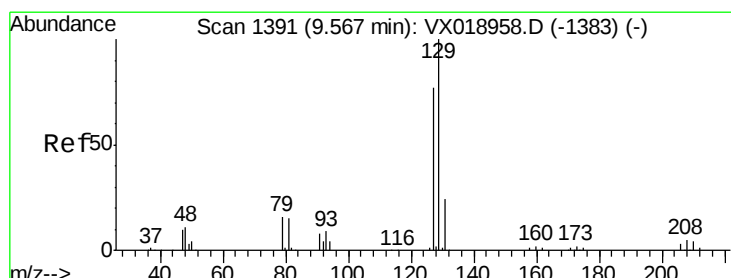
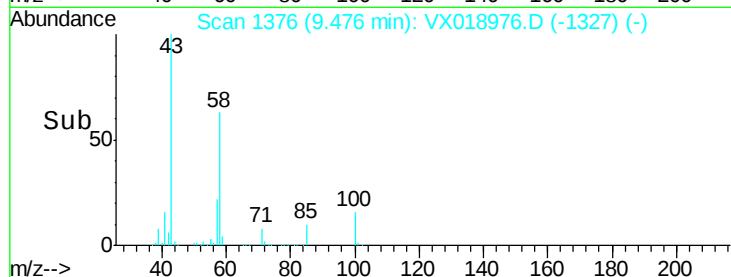
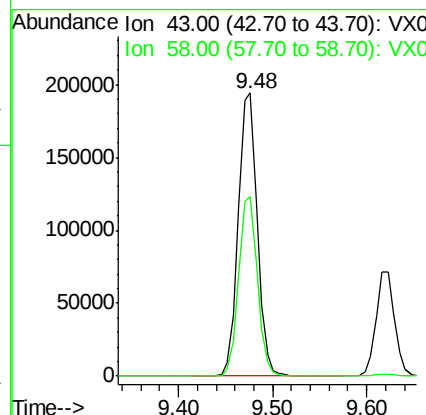
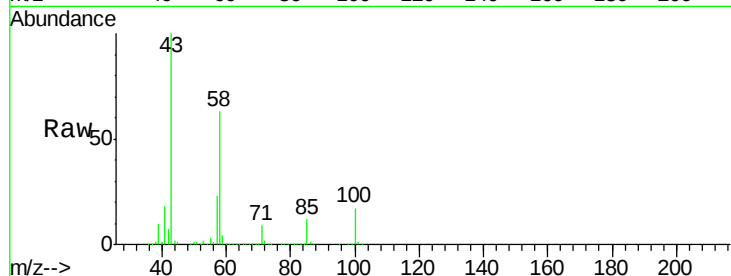
#59
2-Hexanone
Concen: 212.137 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 271069
Ion Ratio Lower Upper
43 100
58 62.9 26.6 79.7

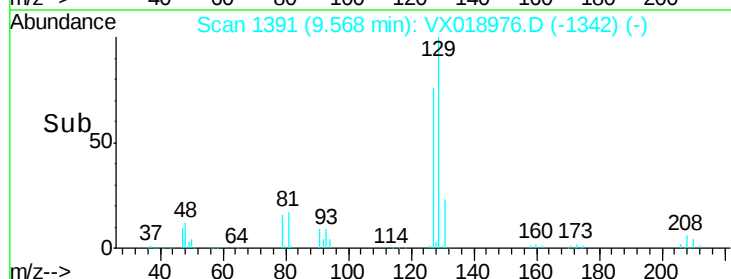
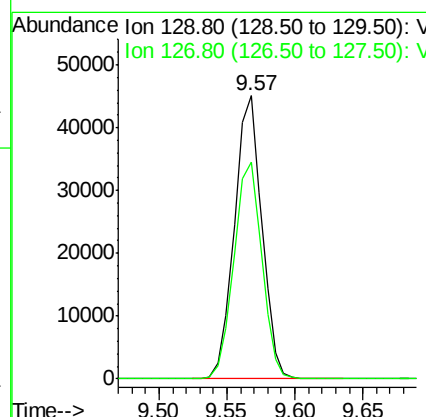
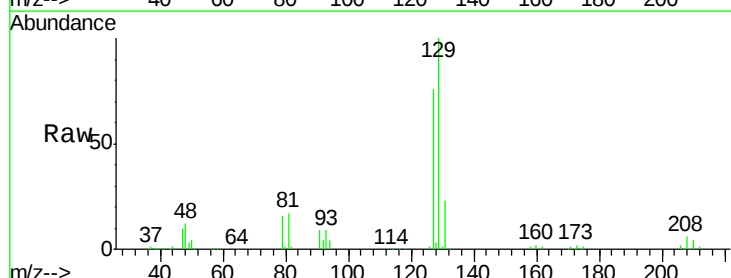
Manual Integrations
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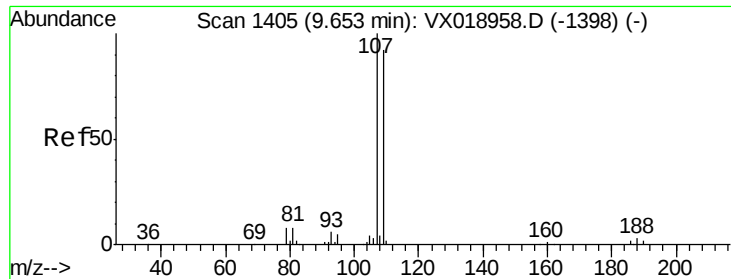
MMDadoda
10/20/2020 4:52:53 PM



#60
Dibromochloromethane
Concen: 46.901 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion: 129 Resp: 63404
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.308 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 61691

Ion Ratio Lower Upper

107 100

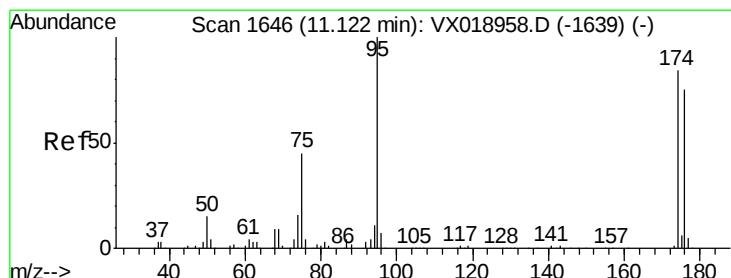
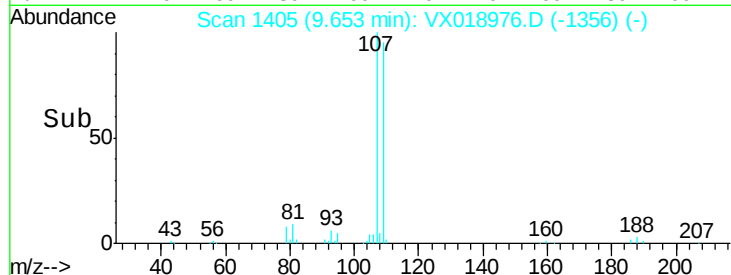
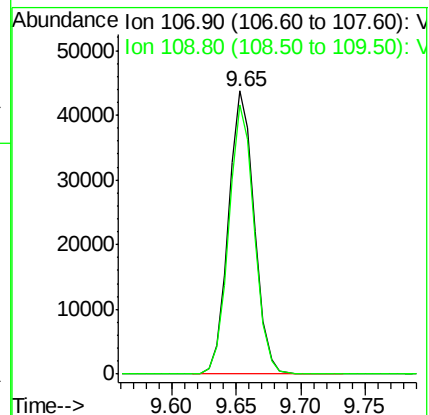
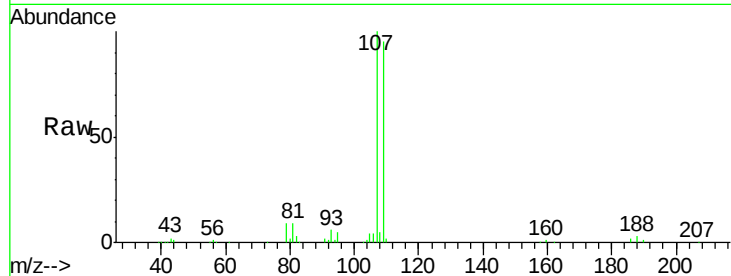
109 94.2 75.9 113.9

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 45.362 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

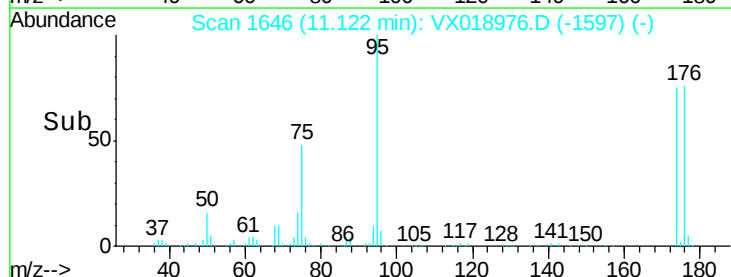
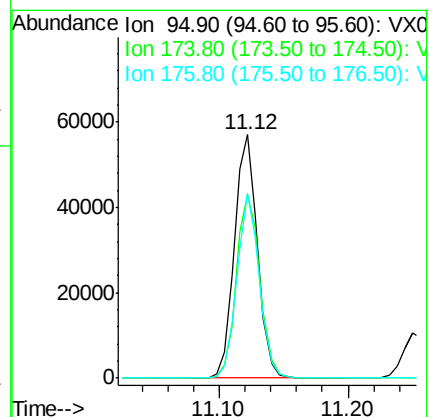
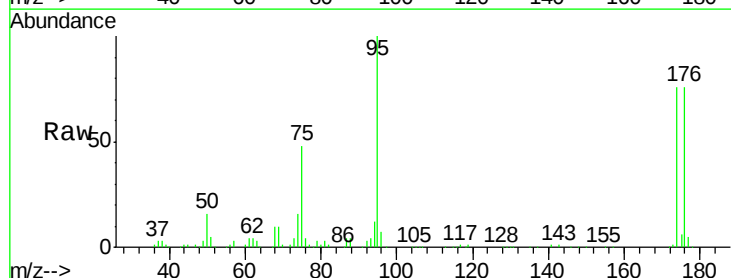
Tgt Ion: 95 Resp: 71179

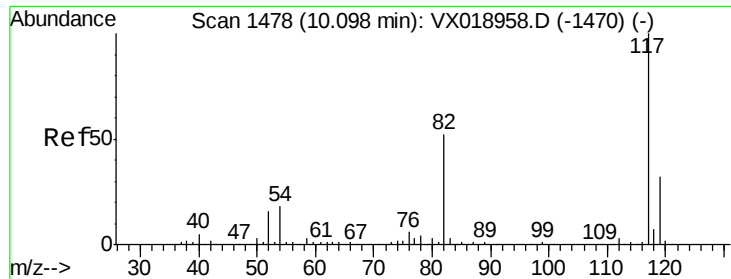
Ion Ratio Lower Upper

95 100

174 76.9 0.0 160.2

176 73.5 0.0 155.8





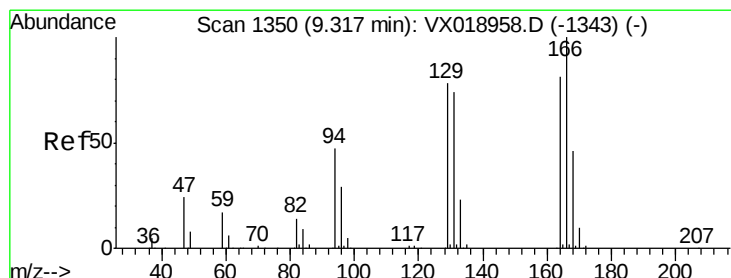
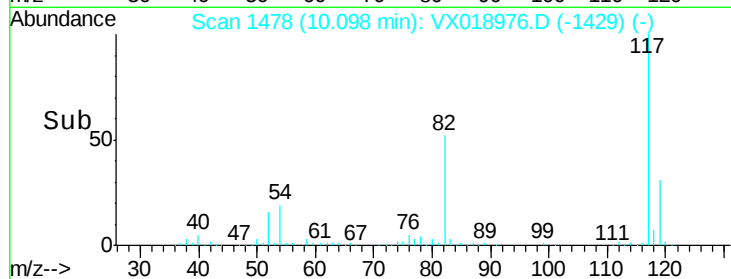
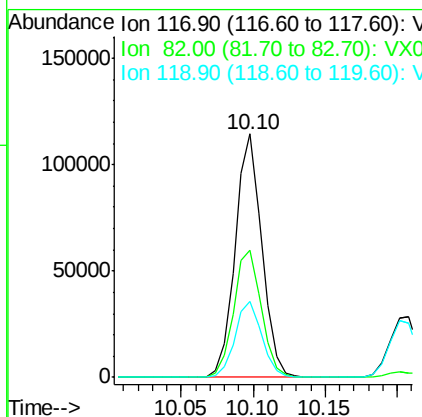
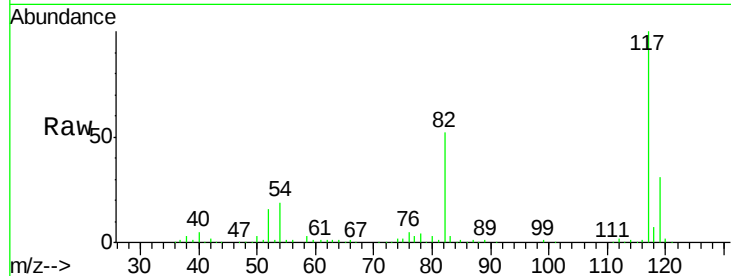
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	44.2	66.2
119	31.3	25.7	38.5

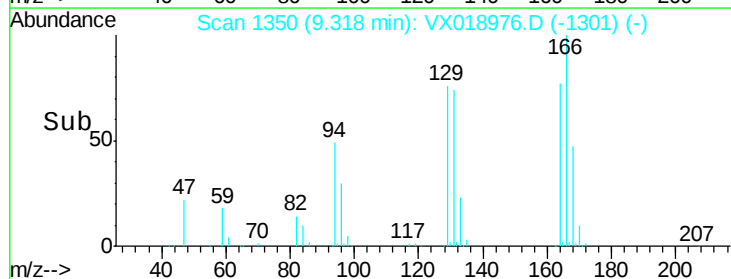
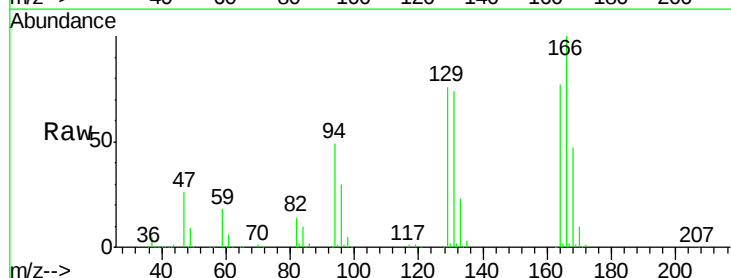
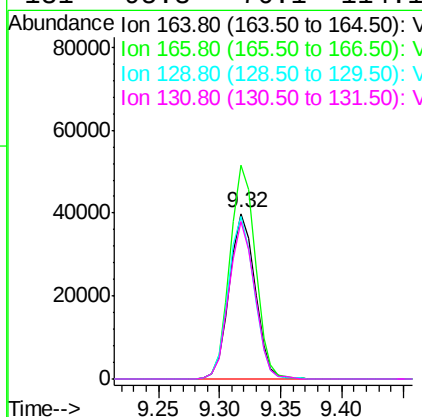
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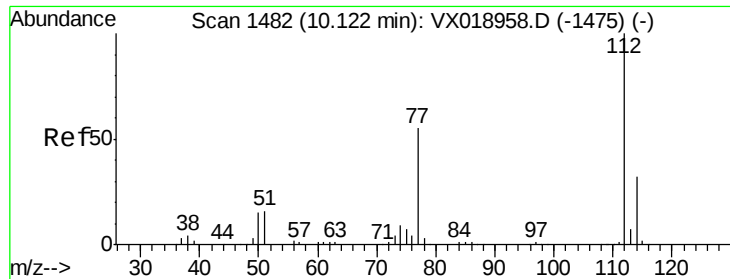
MMDadoda
10/20/2020 4:52:53 PM



#64
Tetrachloroethene
Concen: 53.492 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	94.2	141.2
129	98.4	76.9	115.3
131	95.3	76.1	114.1





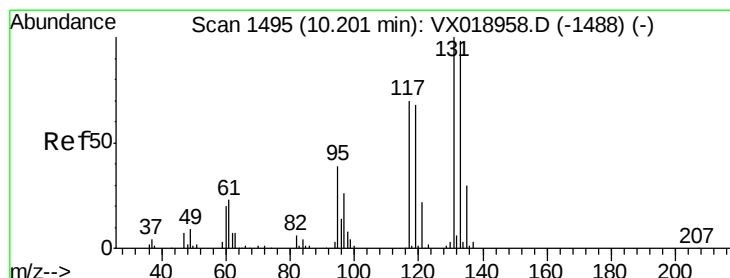
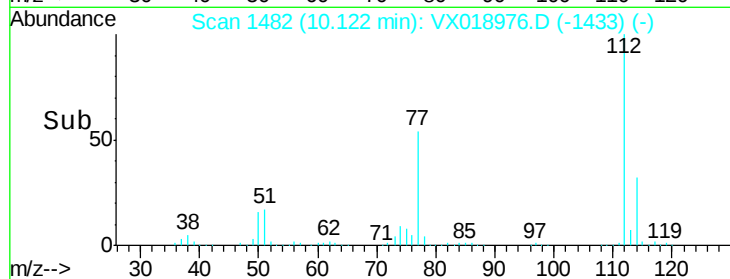
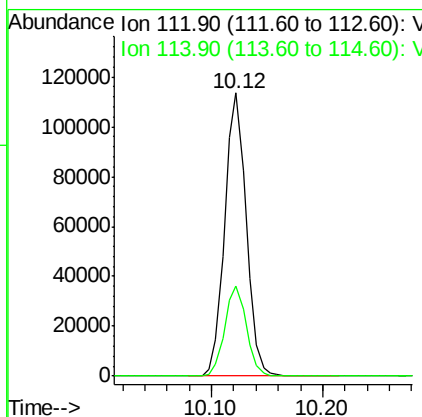
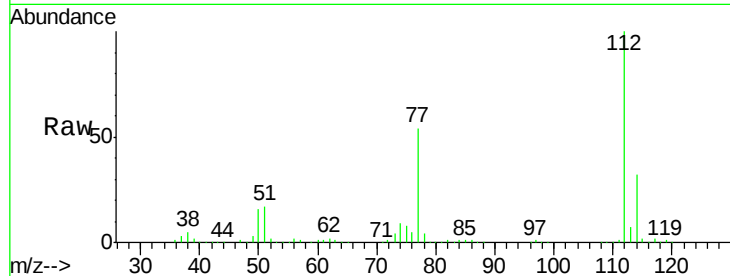
#65
Chlorobenzene
Concen: 51.366 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 151480
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

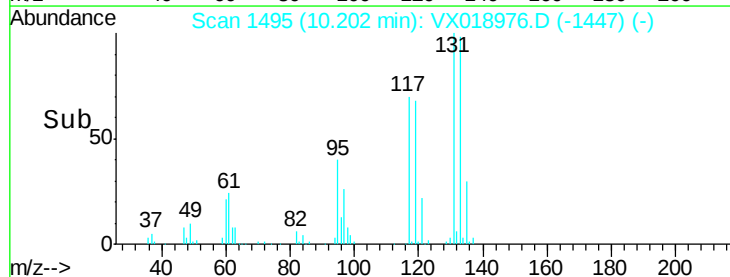
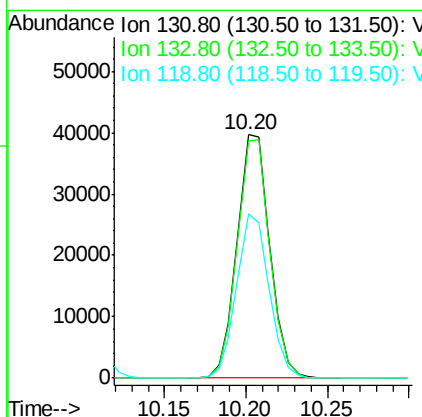
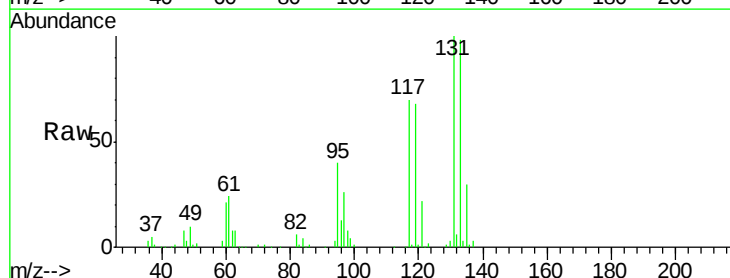
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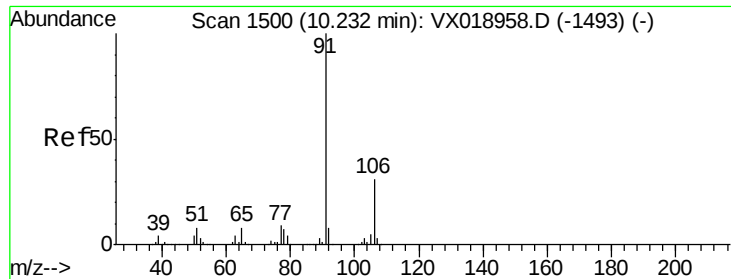
MMDadoda
10/20/2020 4:52:53 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.867 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion:131 Resp: 55636
Ion Ratio Lower Upper
131 100
133 97.8 46.7 140.1
119 66.9 31.8 95.4





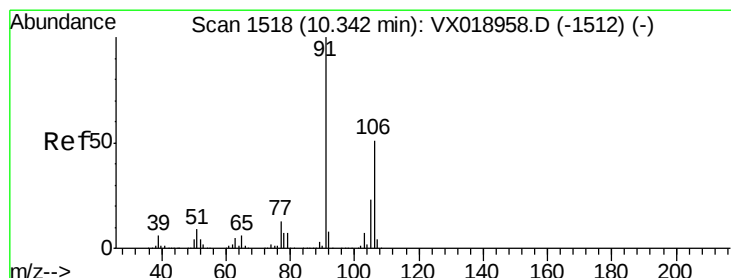
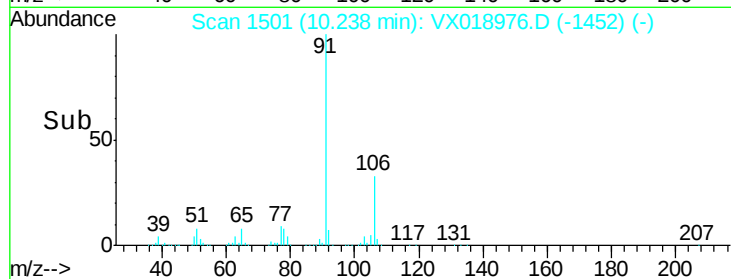
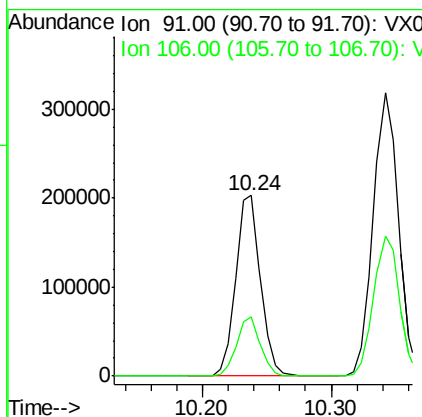
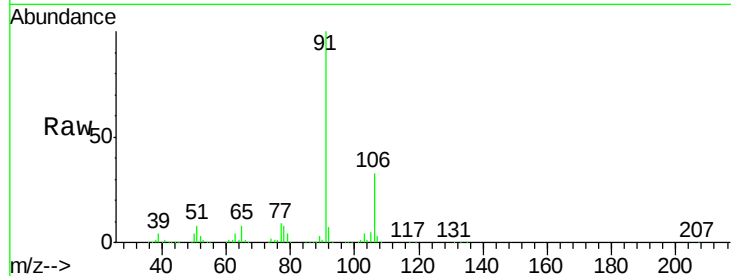
#67
Ethyl Benzene
Concen: 54.040 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	33.2	24.9	37.3

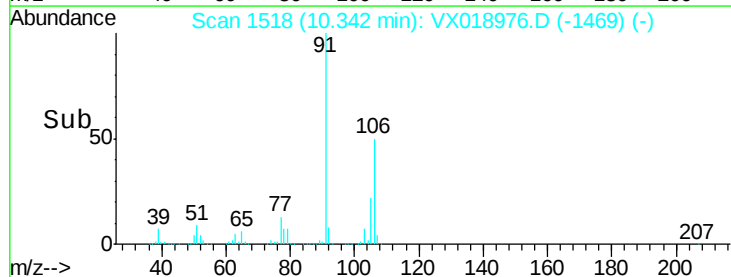
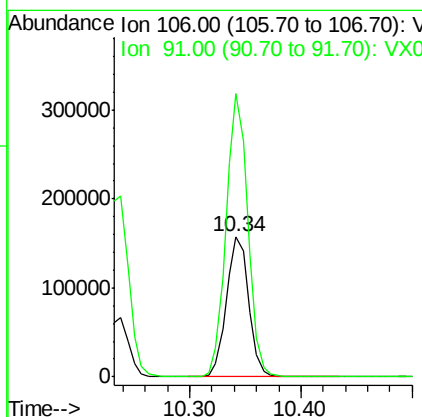
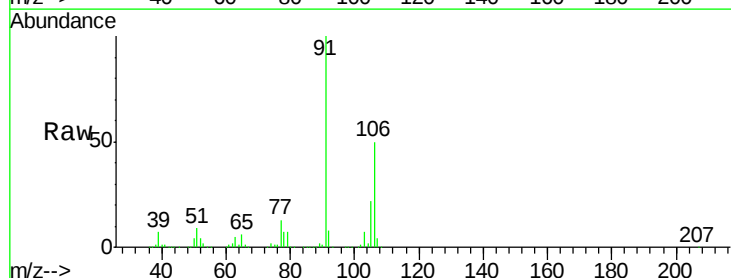
Manual Integrations
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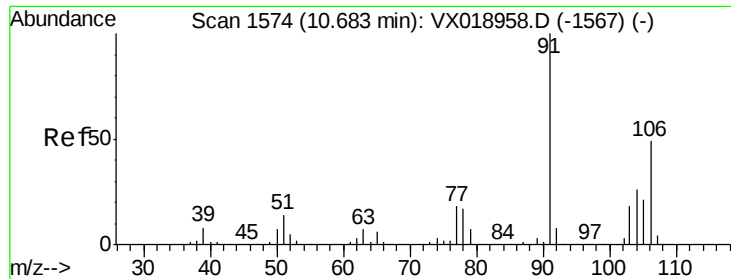
MMDadoda
10/20/2020 4:52:53 PM



#68
m/p-Xylenes
Concen: 115.681 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.7	162.2	243.2





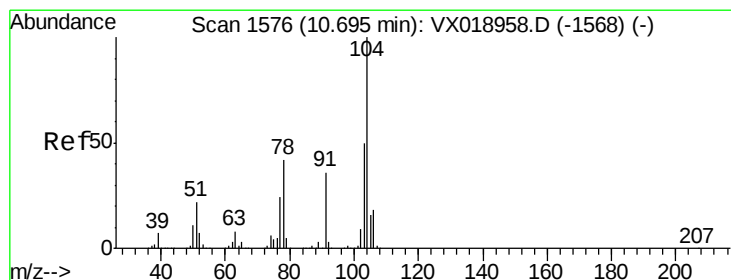
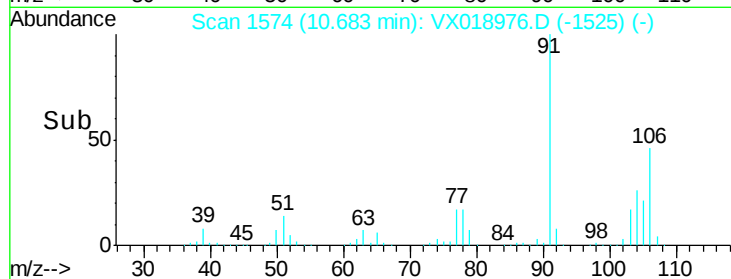
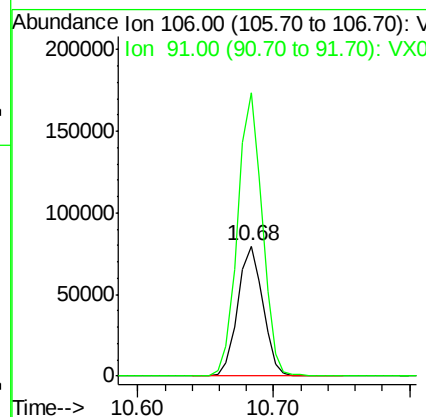
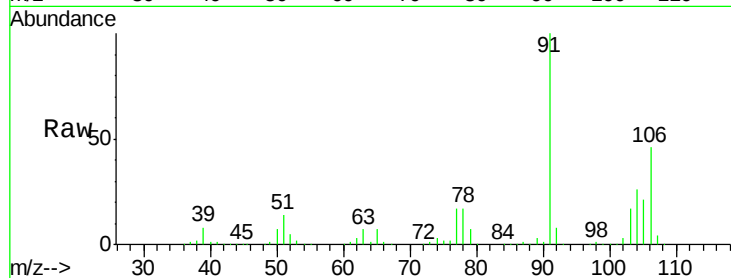
#69
o-Xylene
Concen: 56.407 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.6	107.1	321.3

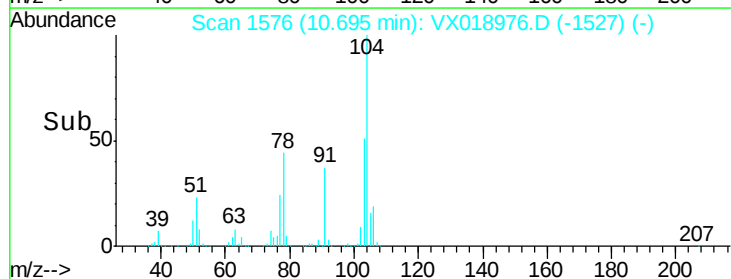
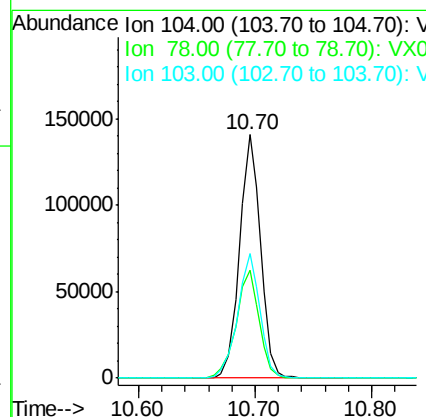
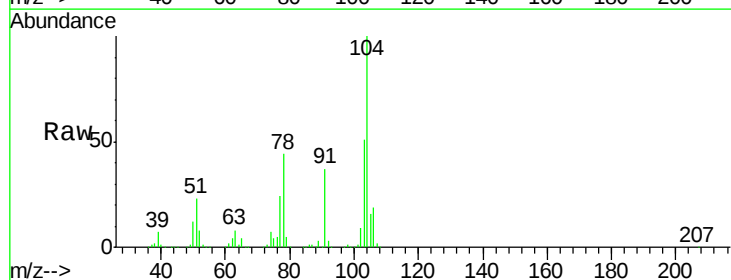
Manual Integrations
APPROVED

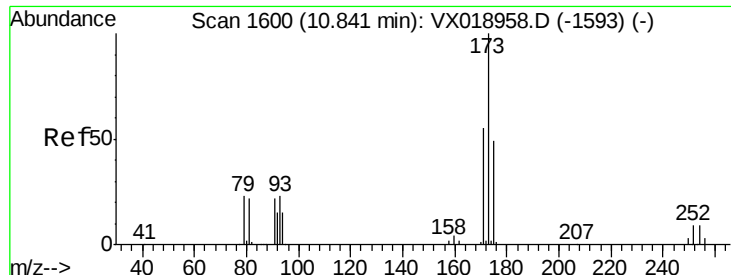
MMDadoda
10/20/2020 4:52:53 PM



#70
Styrene
Concen: 57.342 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	40.9	61.3
103	54.4	43.6	65.4





#71

Bromoform

Concen: 46.719 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 46318

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.8

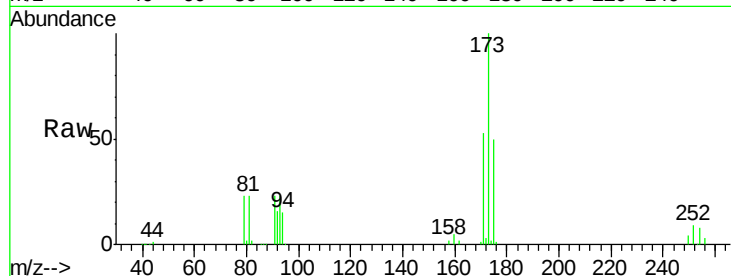
254 0.0 0.2 0.2#

Manual Integrations

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MMDadoda

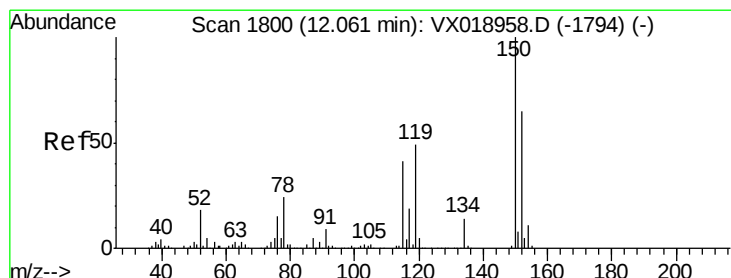
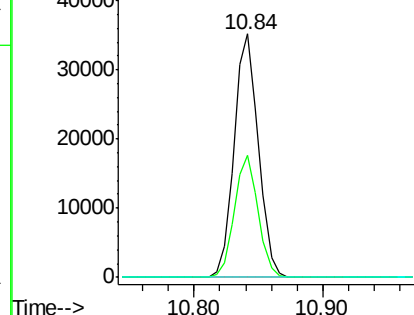
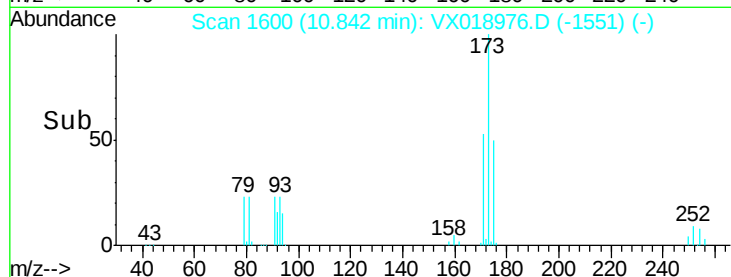
10/20/2020 4:52:53 PM



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: VX018976.D

Acq: 20 Oct 2020 01:11

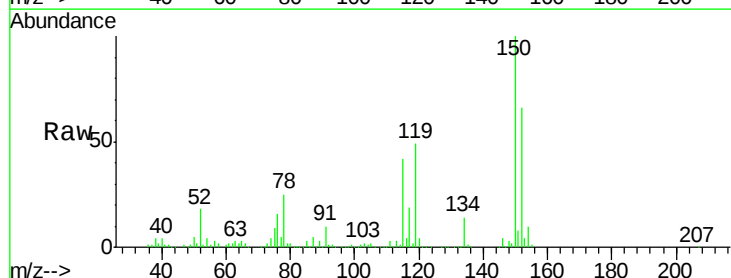
Tgt Ion:152 Resp: 82486

Ion Ratio Lower Upper

152 100

115 81.1 41.5 124.5

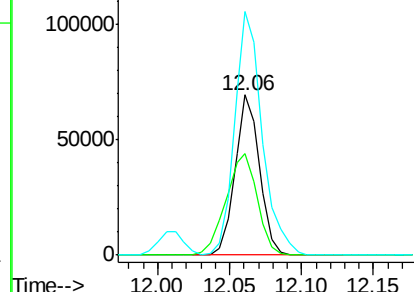
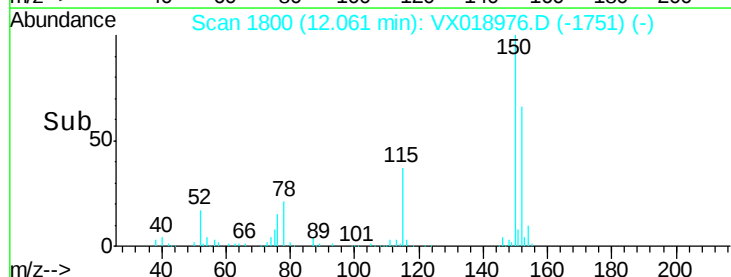
150 170.9 0.0 343.8

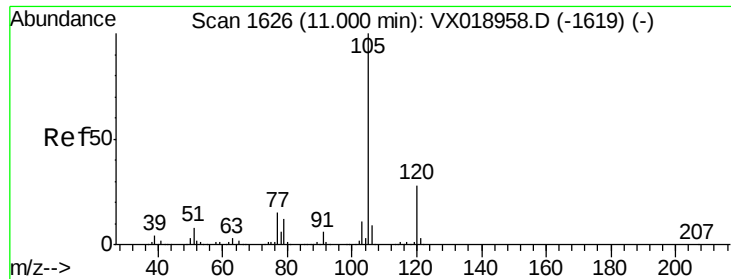


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.135 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 278217

Ion Ratio Lower Upper

105 100

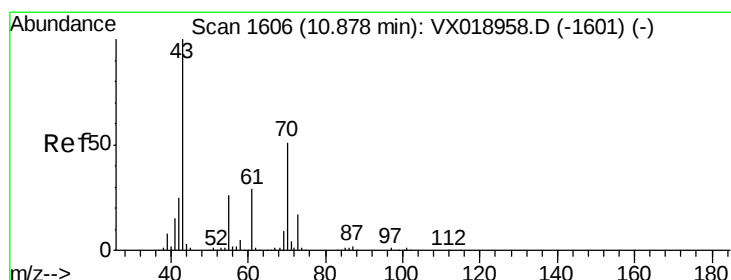
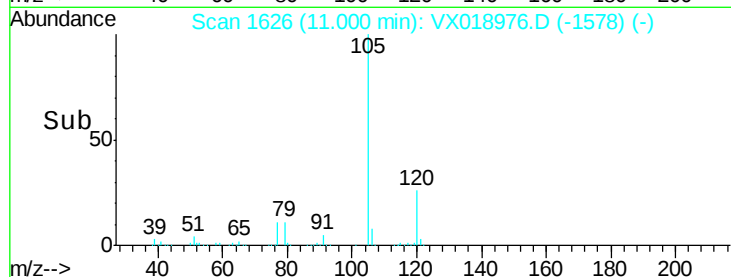
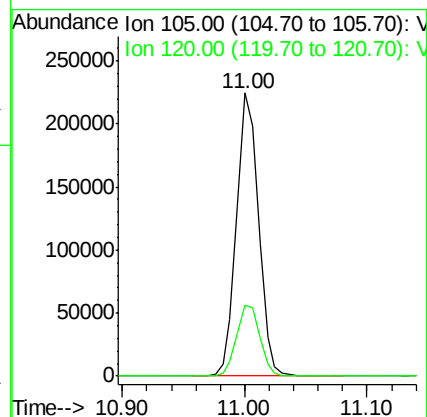
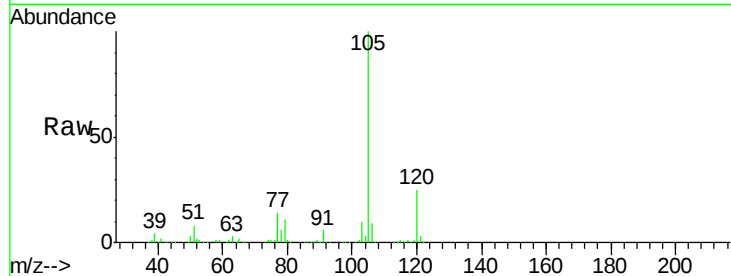
120 26.4 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 37.596 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Tgt Ion: 43 Resp: 97054

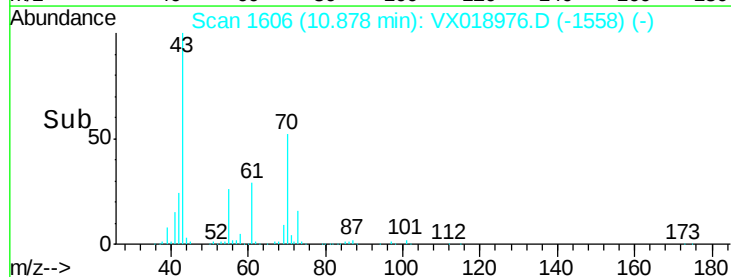
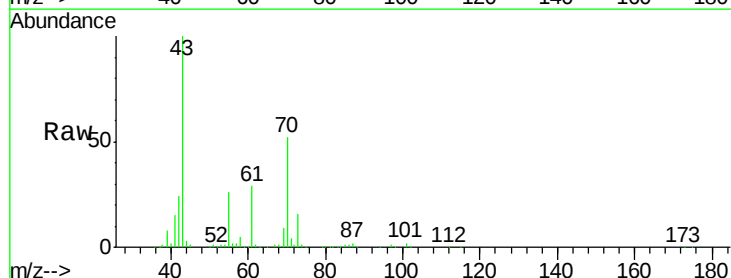
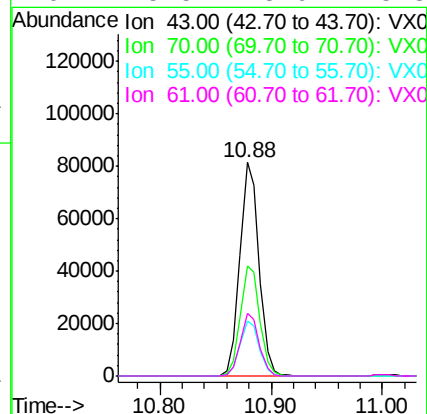
Ion Ratio Lower Upper

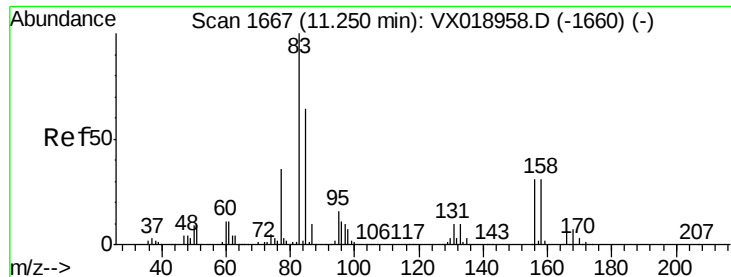
43 100

70 52.1 32.3 48.5#

55 25.8 18.2 27.2

61 28.5 18.9 28.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 46.217 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 88706

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

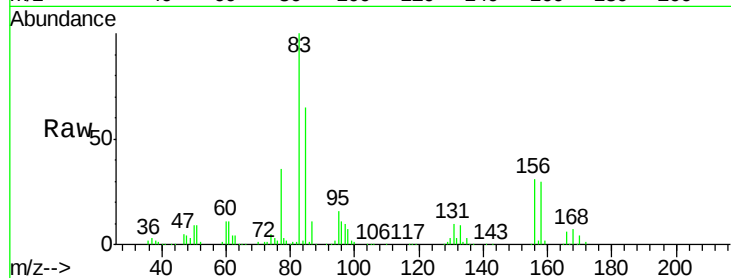
85 64.8 32.2 96.6

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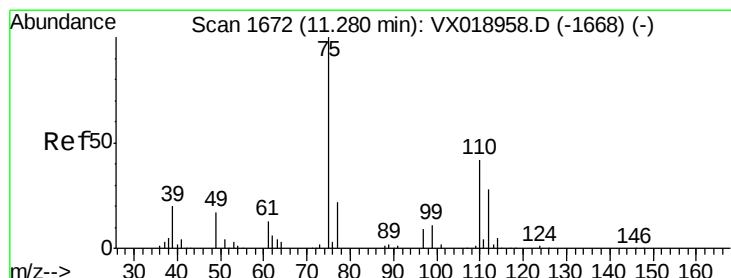
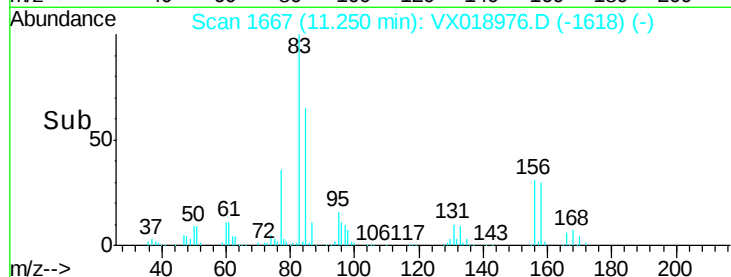
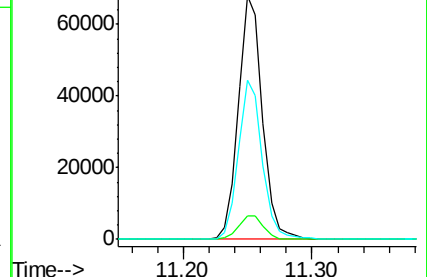
10/20/2020 4:52:53 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 43.917 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018976.D

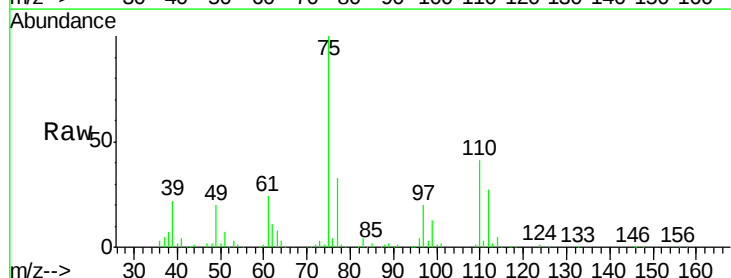
Acq: 20 Oct 2020 01:11

Tgt Ion: 75 Resp: 80584

Ion Ratio Lower Upper

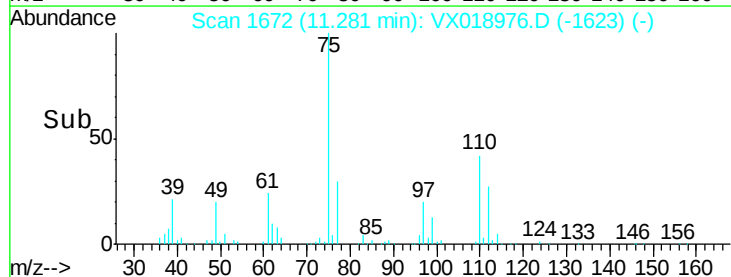
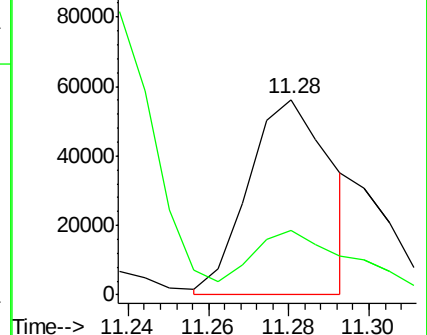
75 100

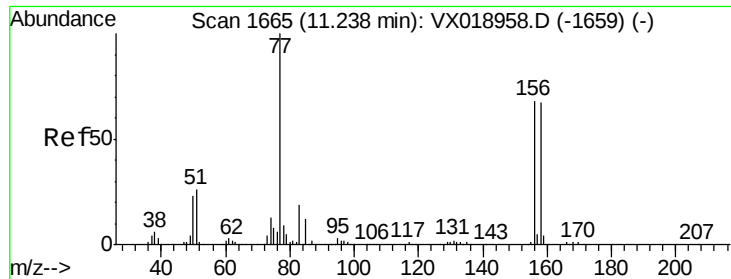
77 40.6 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.292 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

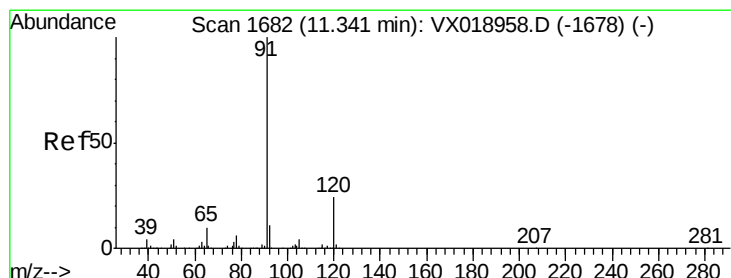
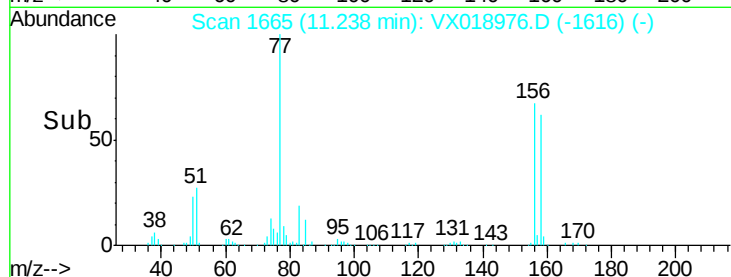
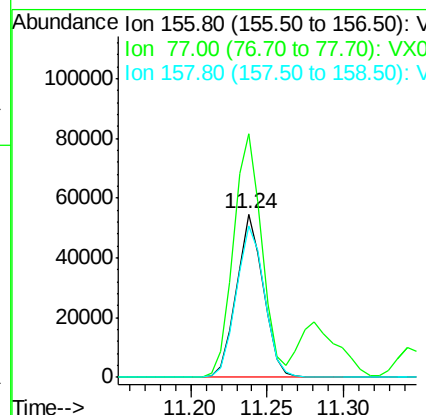
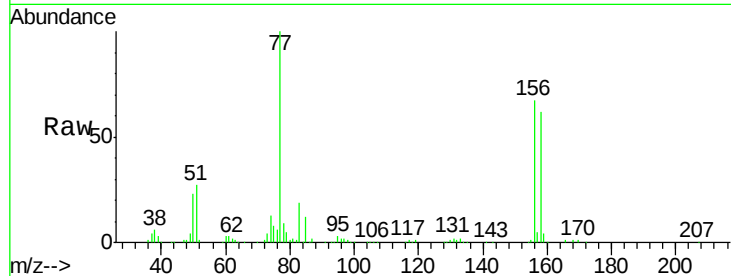
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	157.2	80.0	240.2	
158	97.1	49.5	148.7	

Manual Integrations
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#78

n-propylbenzene

Concen: 50.886 ug/l

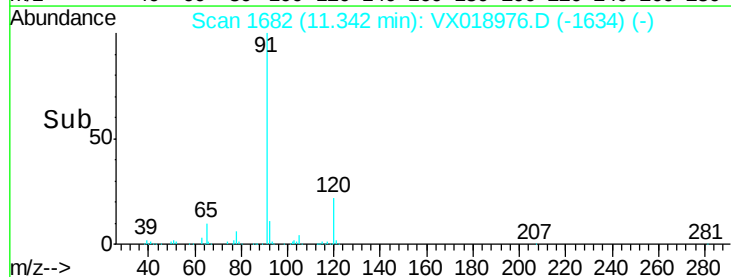
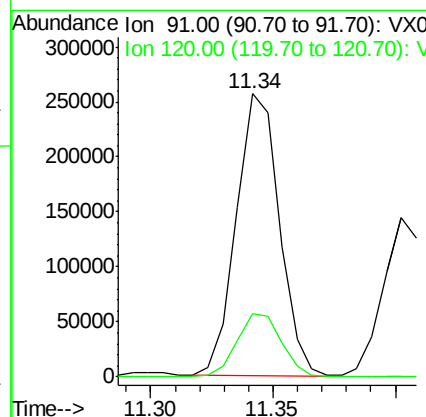
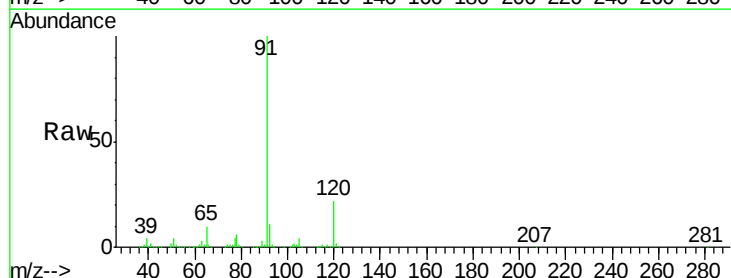
RT: 11.34 min Scan# 1682

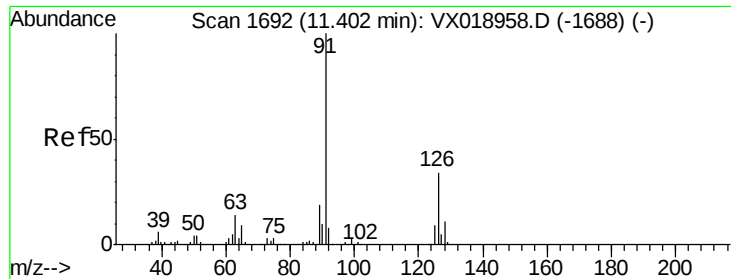
Delta R.T. -0.01 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.3	11.9	35.9	





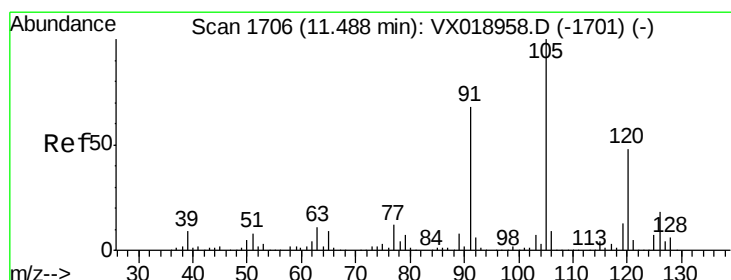
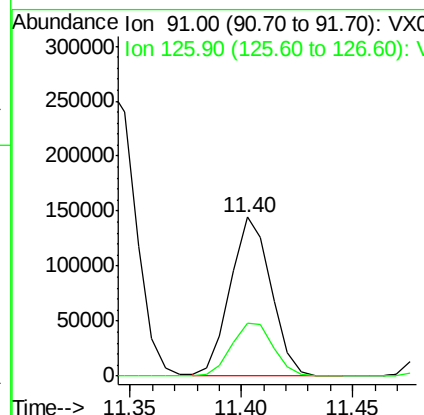
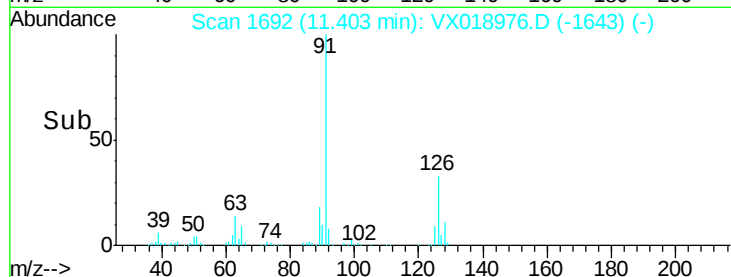
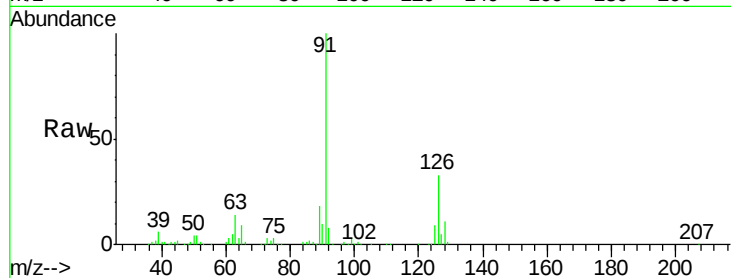
#79
2-Chlorotoluene
Concen: 48.055 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 183416
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2

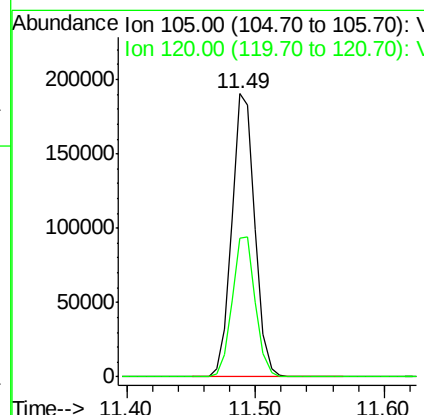
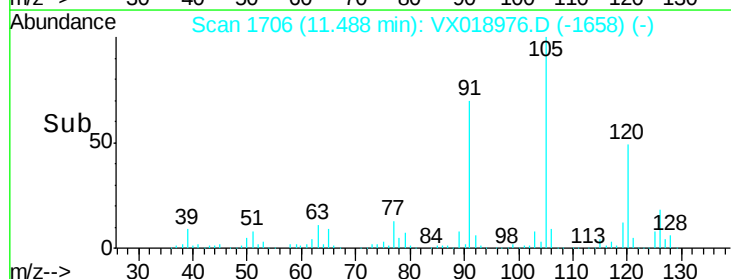
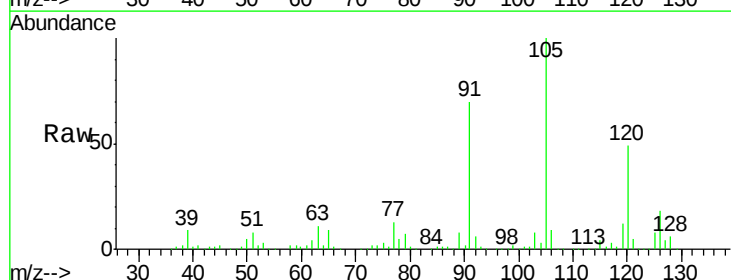
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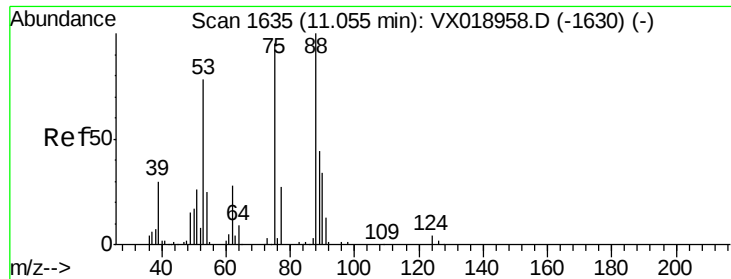
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#80
1,3,5-Trimethylbenzene
Concen: 53.314 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion: 105 Resp: 238370
Ion Ratio Lower Upper
105 100
120 49.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 44.429 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Instrument :

MSVOA_X

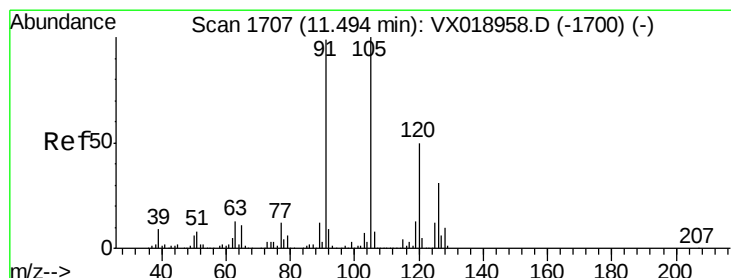
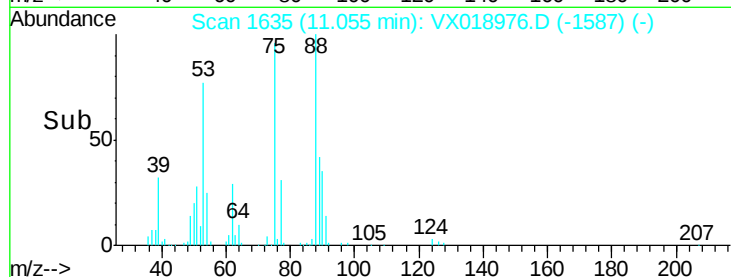
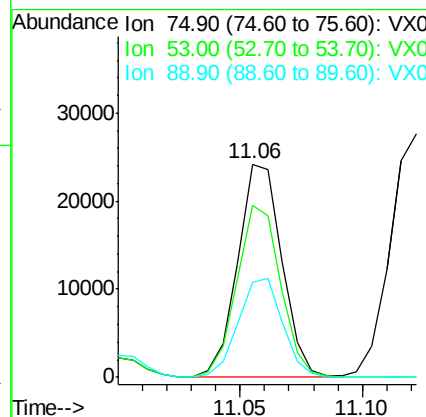
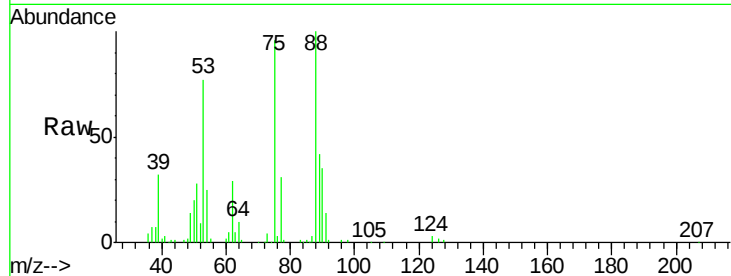
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	30185
Ion	Ratio	Lower	Upper
75	100		
53	81.0	74.7	112.1
89	46.9	36.6	54.8

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#82

4-Chlorotoluene

Concen: 49.026 ug/l

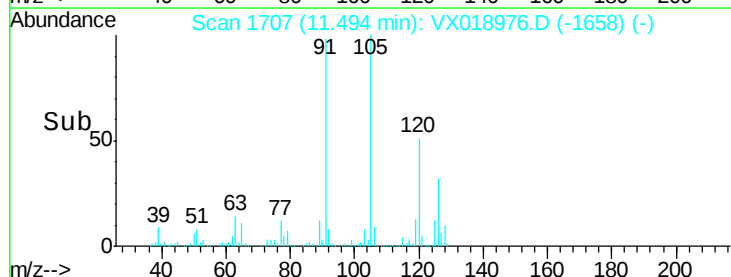
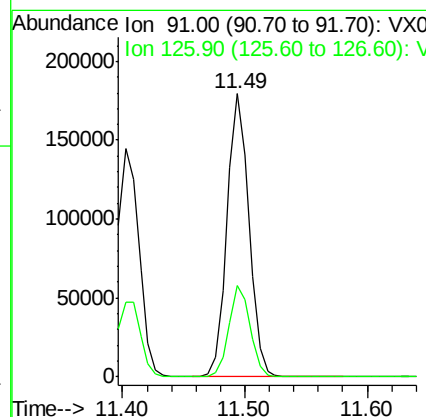
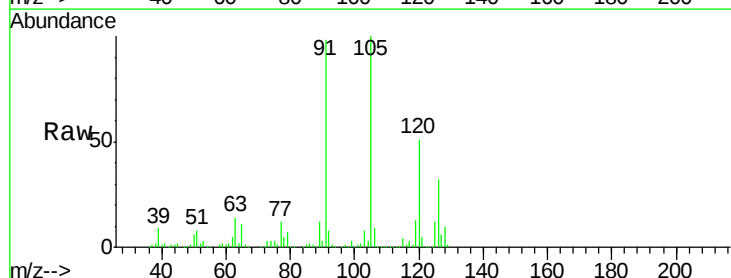
RT: 11.49 min Scan# 1707

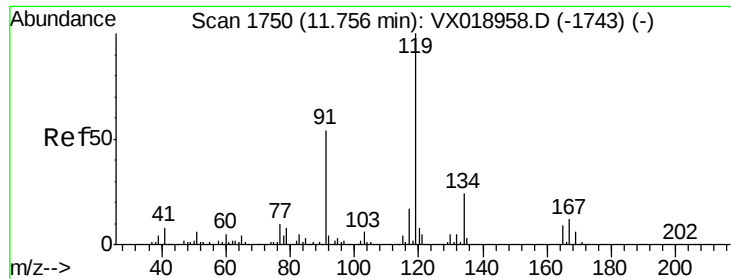
Delta R.T. 0.00 min

Lab File: VX018976.D

Acq: 20 Oct 2020 01:11

Tgt Ion:	91	Resp:	222454
Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.1	45.3





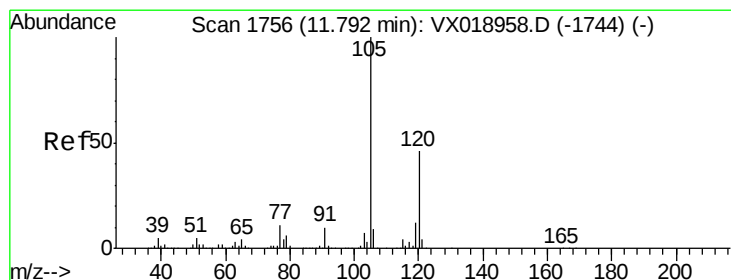
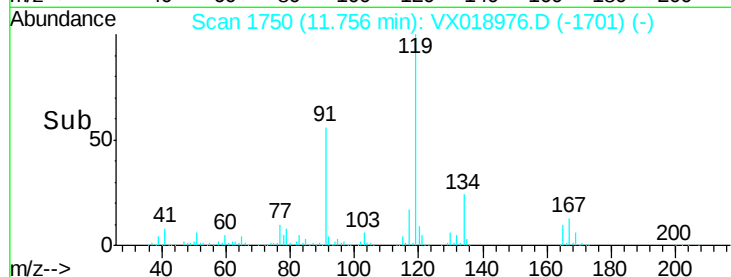
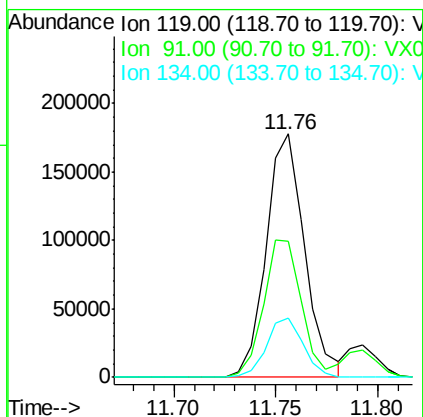
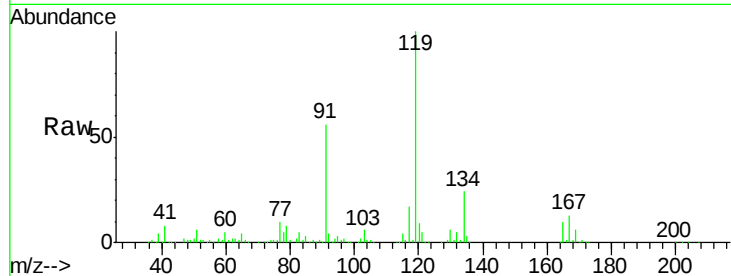
#83
 tert-Butylbenzene
 Concen: 52.909 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	233453		
91	55.4	28.2	84.7	
134	23.4	11.3	33.8	

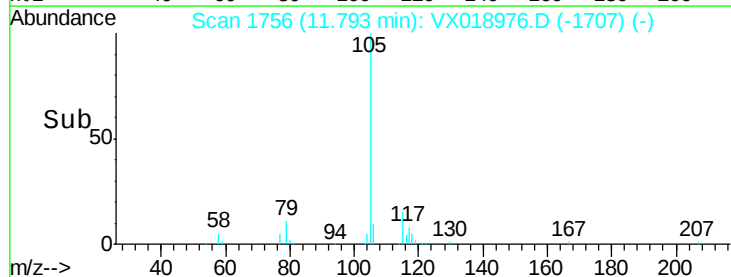
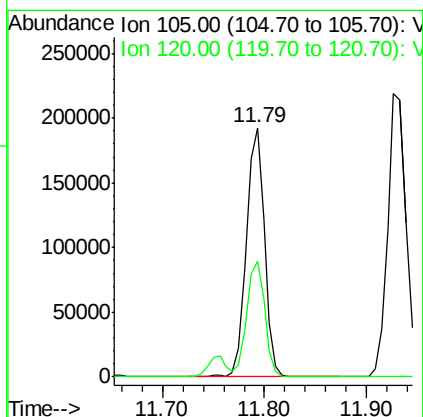
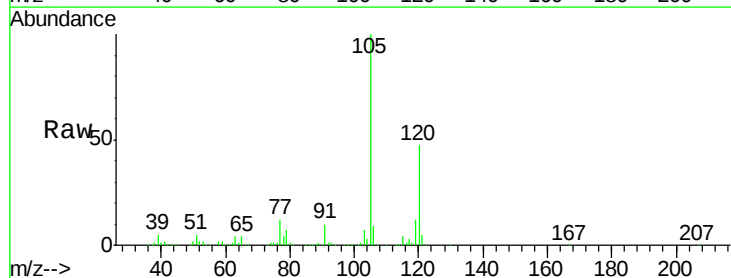
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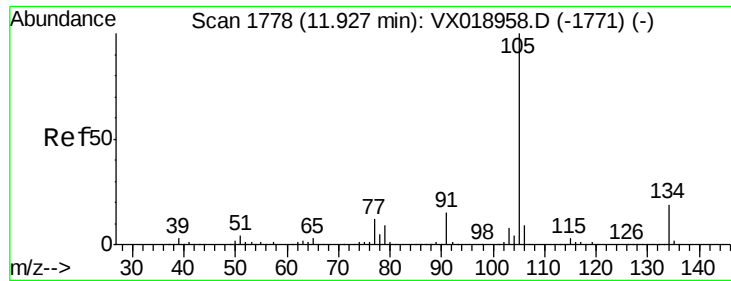
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 10/20/2020 4:52:53 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.805 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	236807		
120	46.5	22.3	66.9	





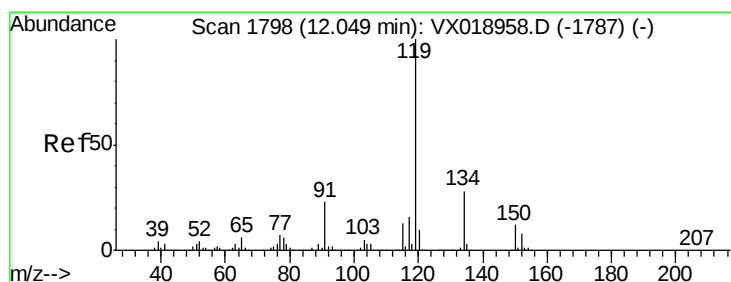
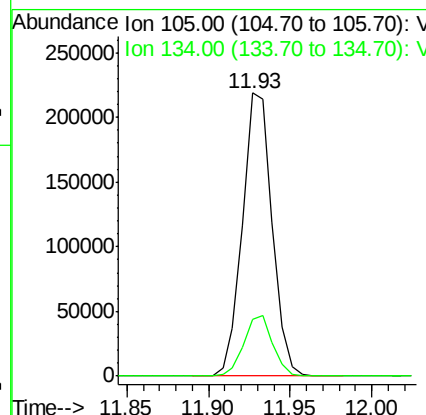
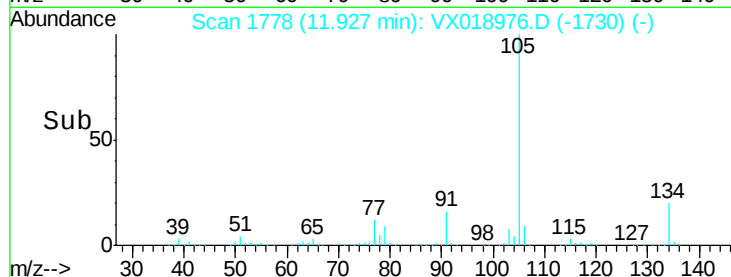
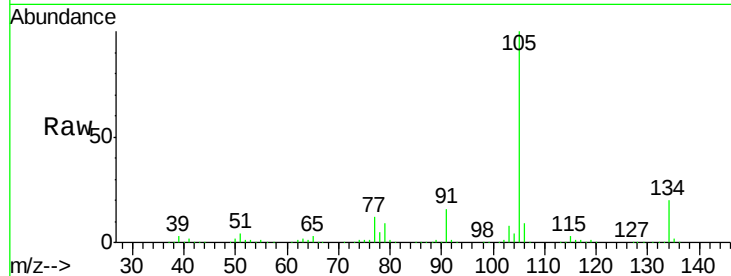
#85
 sec-Butylbenzene
 Concen: 55.222 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.1	30.3

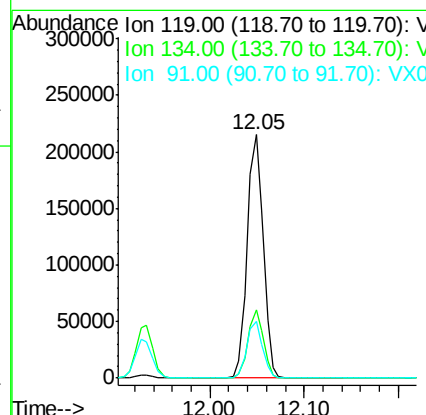
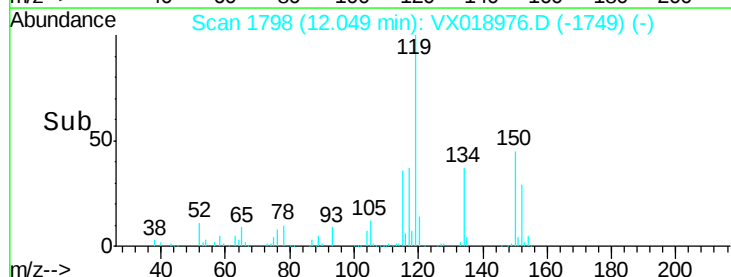
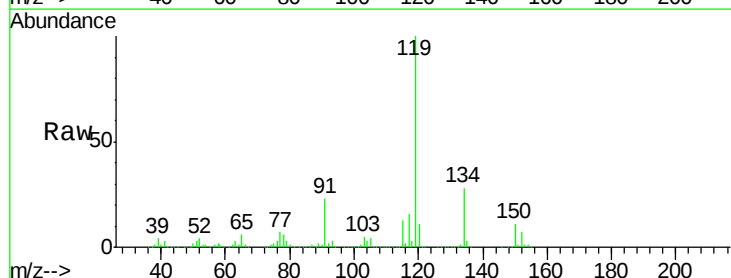
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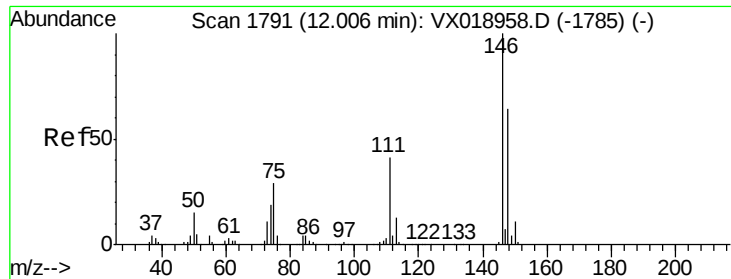
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#86
 p-Isopropyltoluene
 Concen: 55.550 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.2	39.5
91	22.8	11.8	35.4





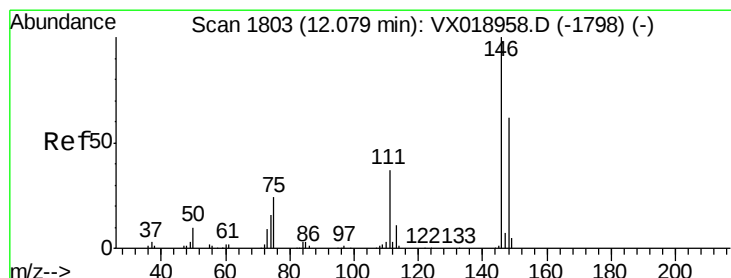
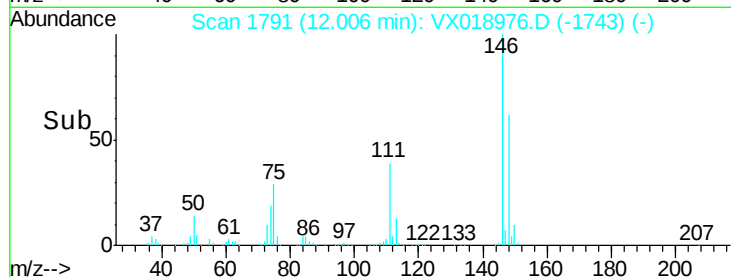
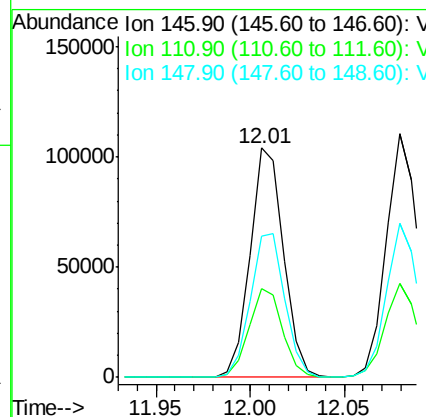
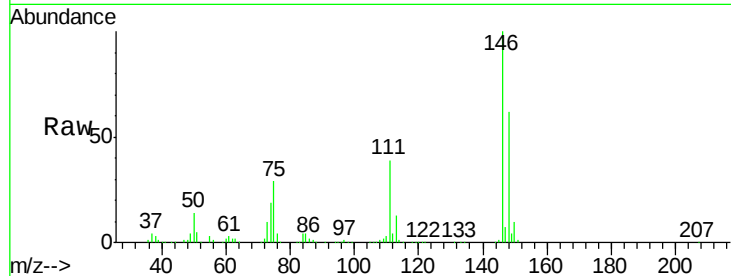
#87
 1,3-Dichlorobenzene
 Concen: 48.400 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.6	61.8
148	64.7	33.1	99.2

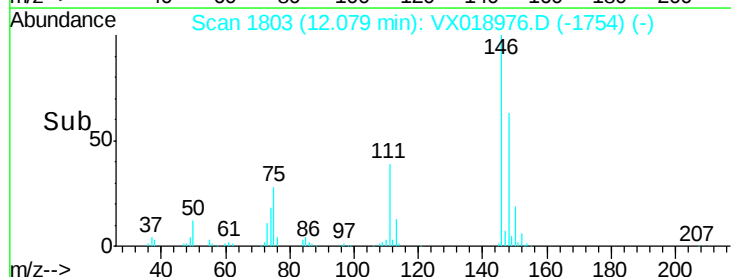
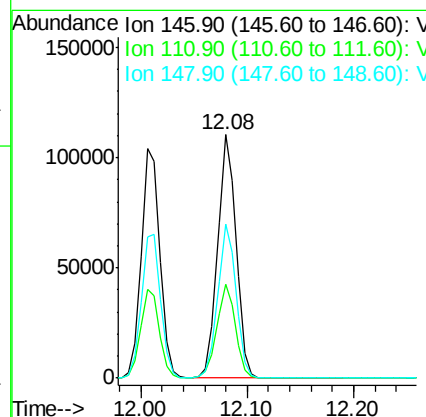
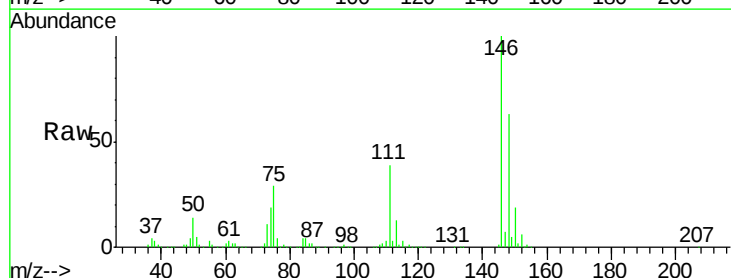
Manual Integrations
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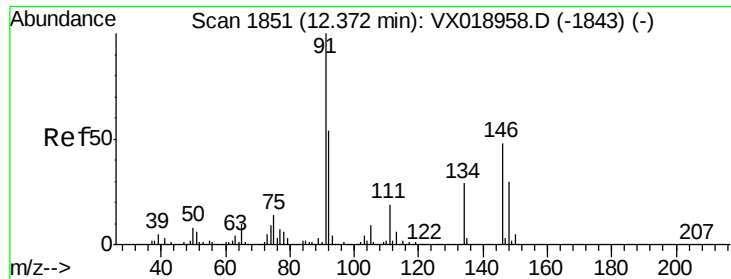
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#88
 1,4-Dichlorobenzene
 Concen: 49.788 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.3	60.8
148	62.7	33.1	99.2





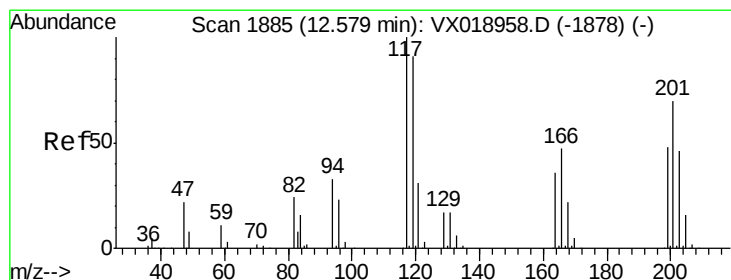
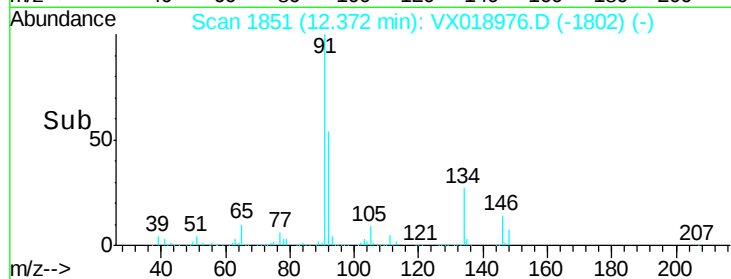
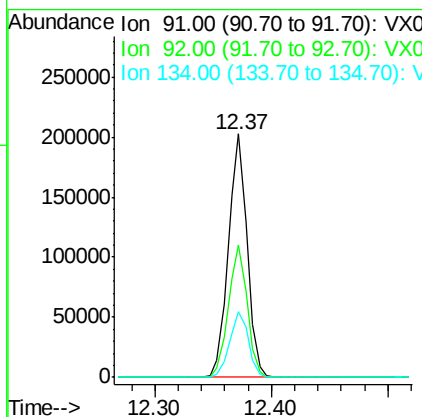
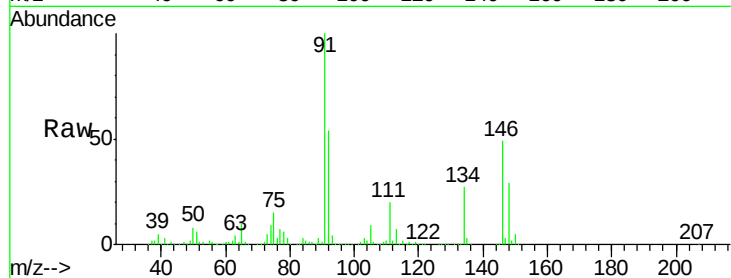
#89
n-Butylbenzene
Concen: 53.431 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.4	79.2
134	27.2	12.9	38.7

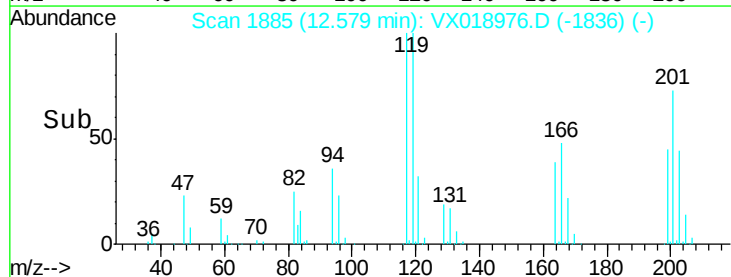
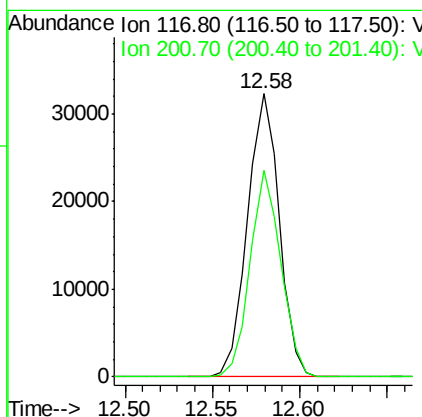
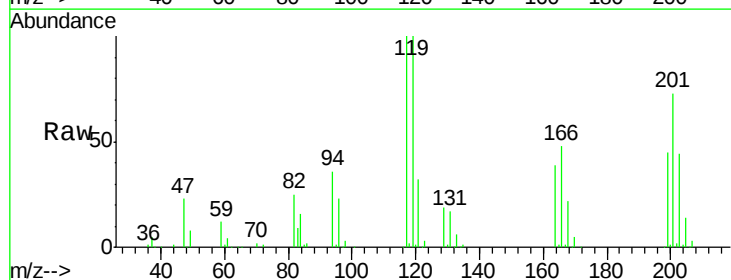
Manual Integrations
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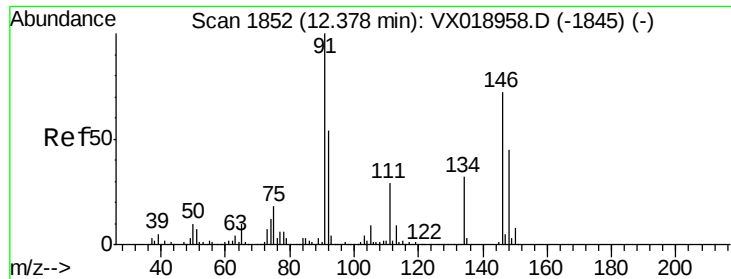
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#90
Hexachloroethane
Concen: 45.020 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.0	38.5	115.3





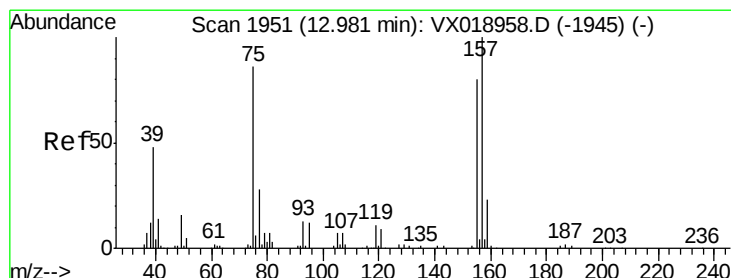
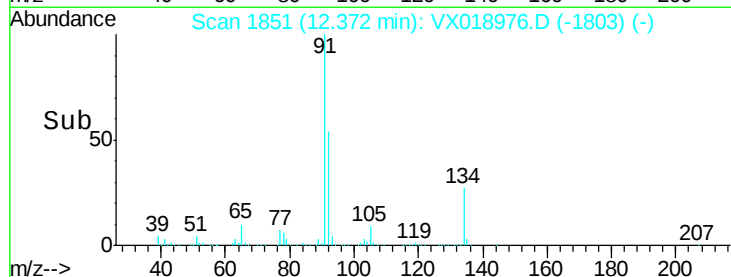
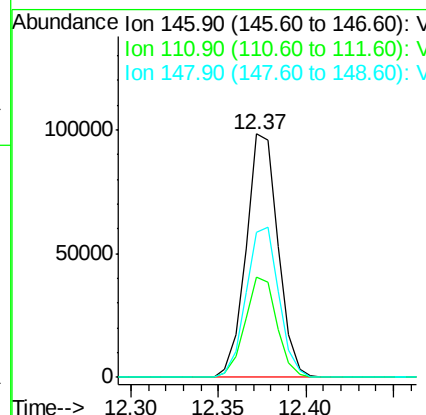
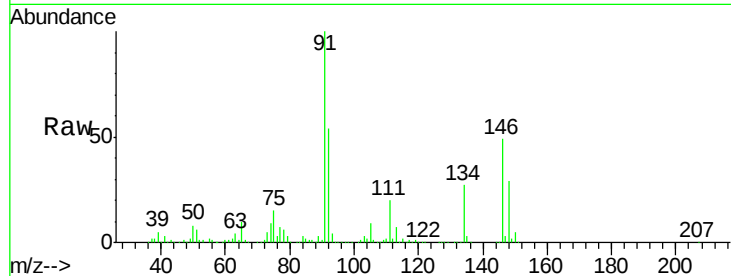
#91
1,2-Dichlorobenzene
Concen: 50.080 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.5
148	63.2	31.6	95.0

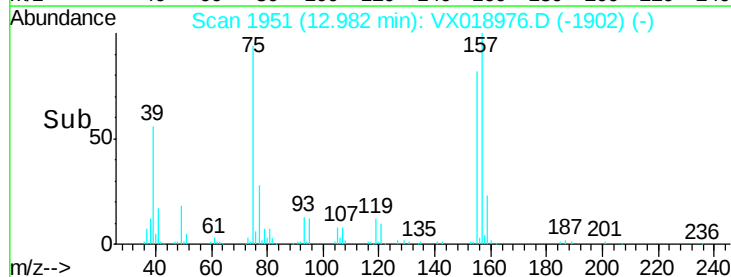
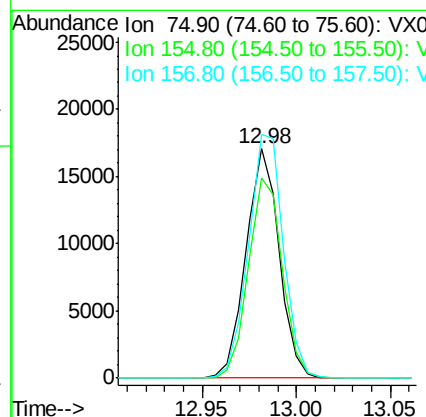
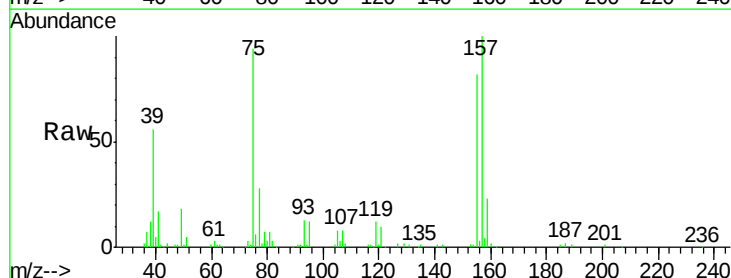
Manual Integrations
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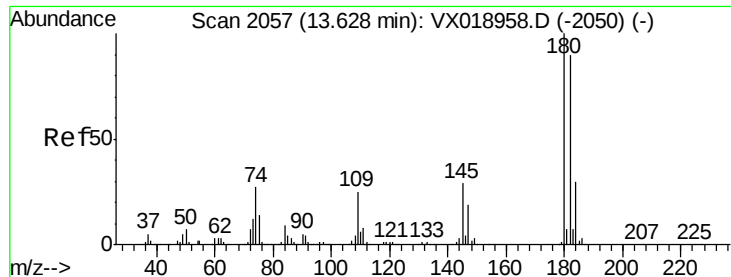
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#92
1,2-Dibromo-3-Chloropropane
Concen: 43.277 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	40.2	120.6
157	112.1	55.0	165.2





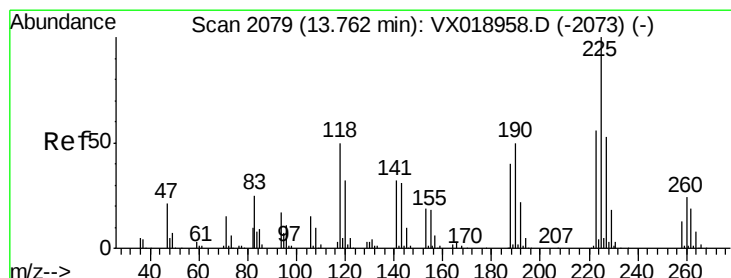
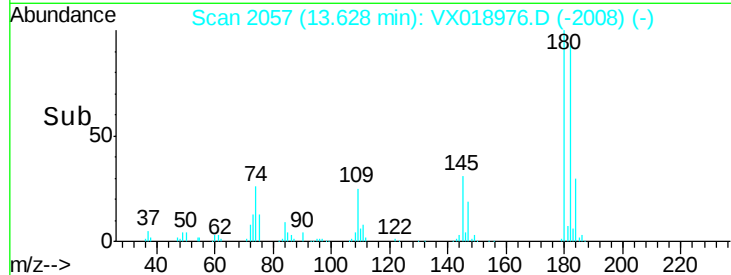
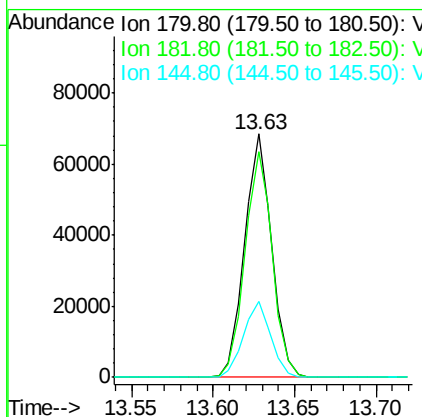
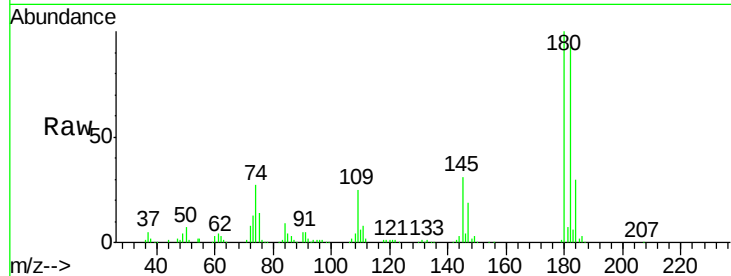
#93
 1,2,4-Trichlorobenzene
 Concen: 47.930 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.5	142.6
145	31.4	15.7	47.1

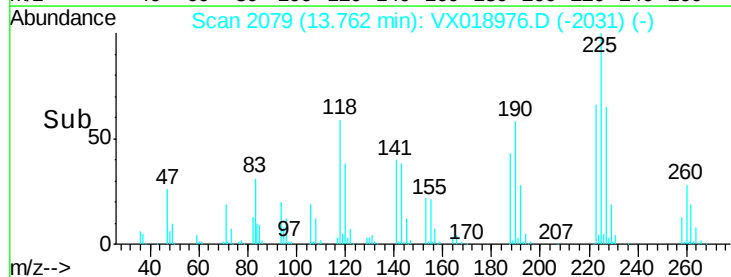
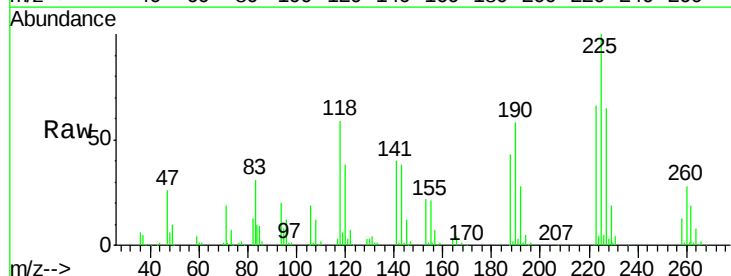
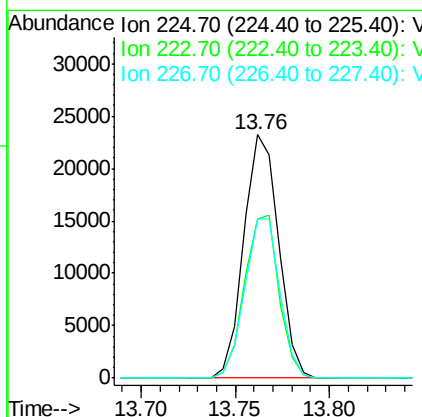
Manual Integrations
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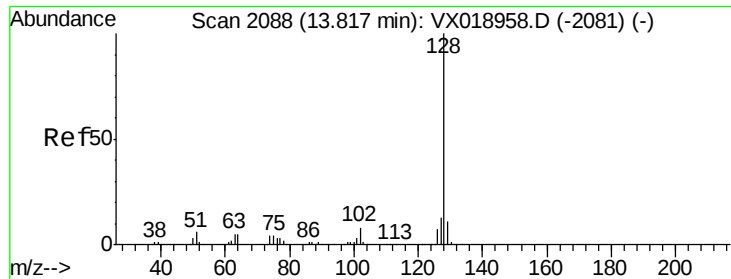
MMDadoda
 10/20/2020 4:52:53 PM



#94
 Hexachlorobutadiene
 Concen: 45.449 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018976.D
 Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	30.7	92.1
227	66.0	32.6	97.8





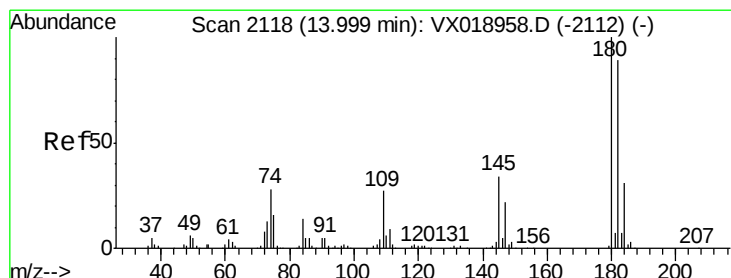
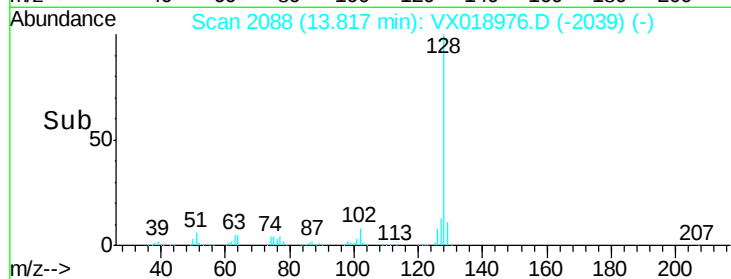
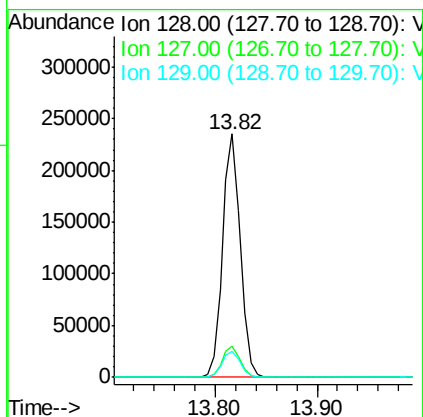
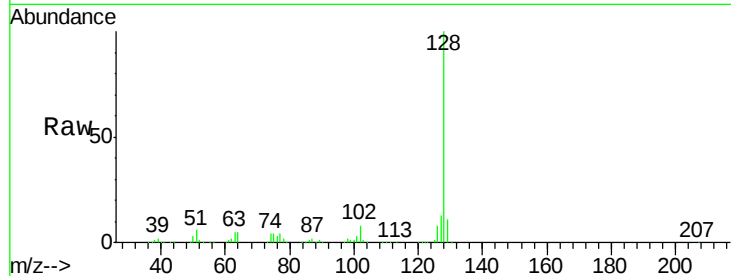
#95
Naphthalene
Concen: 52.081 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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10/20/2020 4:52:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.693 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018976.D
Acq: 20 Oct 2020 01:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.3	142.0
145	34.1	17.5	52.6

