

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
 Data File : VX018923.D
 Acq On : 12 Oct 2020 22:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 2:19:21 PM

Quant Time: Oct 13 05:21:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	250648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	370250	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	359345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163172	44.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.28%	
35) Dibromofluoromethane	5.46	113	124460	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
50) Toluene-d8	8.70	98	443115	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.12	95	176565	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	136762	46.267	ug/l	97
3) Chloromethane	1.31	50	107648	45.823	ug/l	96
4) Vinyl Chloride	1.39	62	129519	49.321	ug/l	99
5) Bromomethane	1.63	94	89634	61.285	ug/l	98
6) Chloroethane	1.71	64	82939	47.156	ug/l	95
7) Trichlorofluoromethane	1.92	101	224692	43.408	ug/l	96
8) Diethyl Ether	2.17	74	72467	50.232	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	113161	45.519	ug/l	99
10) Methyl Iodide	2.50	142	119952	46.250	ug/l	95
11) Tert butyl alcohol	3.01	59	149568	256.883	ug/l	98
12) 1,1-Dichloroethene	2.35	96	113575	49.112	ug/l	97
13) Acrolein	2.28	56	109207	225.432	ug/l	99
14) Allyl chloride	2.71	41	197971	47.170	ug/l	94
15) Acrylonitrile	3.12	53	320157	259.270	ug/l	100
16) Acetone	2.42	43	307692	219.882	ug/l	98
17) Carbon Disulfide	2.55	76	321460	47.359	ug/l	100
18) Methyl Acetate	2.75	43	151623	49.339	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	386054	49.741	ug/l	99
20) Methylene Chloride	2.83	84	133365	50.572	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	128755	47.956	ug/l	99
22) Diisopropyl ether	3.82	45	363053	48.334	ug/l	94
23) Vinyl Acetate	3.79	43	1815048	251.253	ug/l	98
24) 1,1-Dichloroethane	3.67	63	234325	46.399	ug/l	99
25) 2-Butanone	4.63	43	485992	242.713	ug/l	100
26) 2,2-Dichloropropane	4.56	77	184266	37.817	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	143339	48.075	ug/l	95
28) Bromochloromethane	4.98	49	107157	48.102	ug/l	98
29) Tetrahydrofuran	5.09	42	275359	256.316	ug/l	98
30) Chloroform	5.18	83	253313	45.527	ug/l	97
31) Cyclohexane	5.55	56	170164	49.282	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	240390	45.463	ug/l	98
36) 1,1-Dichloropropene	5.77	75	180016	46.243	ug/l	99
37) Ethyl Acetate	4.79	43	192853	51.301	ug/l	100
38) Carbon Tetrachloride	5.76	117	221523	45.912	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	172020	47.937	ug/l	97
40) Benzene	6.12	78	512859	49.037	ug/l	99
41) Methacrylonitrile	5.00	41	105318	48.294	ug/l	99
42) 1,2-Dichloroethane	6.16	62	217451	44.349	ug/l	98
43) Isopropyl Acetate	6.41	43	302590	48.434	ug/l	98
44) Trichloroethene	7.19	130	148024	47.195	ug/l	97
45) 1,2-Dichloropropane	7.49	63	133086	48.092	ug/l	99
46) Dibromomethane	7.64	93	97138	47.499	ug/l	95
47) Bromodichloromethane	7.88	83	208061	46.949	ug/l	97
48) Methyl methacrylate	7.75	41	156902	49.495	ug/l	97
49) 1,4-Dioxane	7.71	88	40230	905.066	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	968551	265.617	ug/l	99
52) Toluene	8.77	92	335763	50.027	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	220171	47.981	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	229496	48.618	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	137877	47.826	ug/l	97
56) Ethyl methacrylate	9.16	69	203476	48.446	ug/l	97
57) 1,3-Dichloropropane	9.35	76	235276	50.296	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	554279	265.737	ug/l	99
59) 2-Hexanone	9.47	43	741519	266.912	ug/l	99
60) Dibromochloromethane	9.57	129	176140	48.672	ug/l	98
61) 1,2-Dibromoethane	9.65	107	151370	48.962	ug/l	99
64) Tetrachloroethene	9.32	164	133243	50.801	ug/l	94
65) Chlorobenzene	10.12	112	368708	47.480	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	156102	48.726	ug/l	97
67) Ethyl Benzene	10.23	91	654905	49.991	ug/l	100
68) m/p-Xylenes	10.34	106	495580	99.570	ug/l	99
69) o-Xylene	10.68	106	236712	50.479	ug/l	97
70) Styrene	10.69	104	412593	51.972	ug/l	98
71) Bromoform	10.84	173	140797	50.811	ug/l #	98
73) Isopropylbenzene	11.00	105	655761	50.882	ug/l	100
74) N-amyl acetate	10.88	43	273411	53.620	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	209658	48.808	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	204729m	48.227	ug/l	
77) Bromobenzene	11.24	156	184104	52.003	ug/l	96
78) n-propylbenzene	11.34	91	740169	50.401	ug/l	100
79) 2-Chlorotoluene	11.40	91	453800	49.572	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	569883	51.694	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	70005	46.734	ug/l	92
82) 4-Chlorotoluene	11.49	91	545437	50.110	ug/l	100
83) tert-Butylbenzene	11.76	119	561299	50.842	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	571793	51.023	ug/l	100
85) sec-Butylbenzene	11.93	105	631927	50.809	ug/l	98
86) p-Isopropyltoluene	12.05	119	599195	50.782	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	320989	49.369	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	322271	48.934	ug/l	98
89) n-Butylbenzene	12.37	91	508802	49.630	ug/l	100
90) Hexachloroethane	12.58	117	97982	44.667	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	302696	48.909	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51426	46.810	ug/l	90

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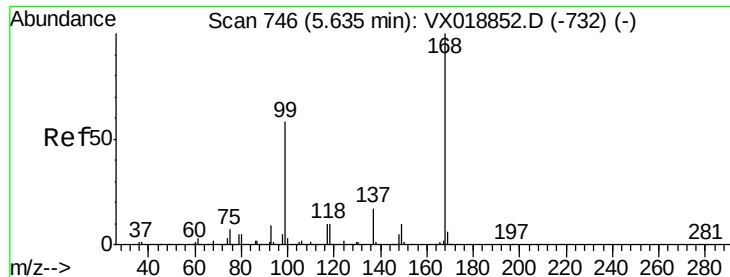
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	217575	54.798	ug/l	94
94) Hexachlorobutadiene	13.77	225	100298	56.872	ug/l	95
95) Naphthalene	13.82	128	643055	48.602	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	205247	52.835	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 250648

Ion Ratio Lower Upper

168 100

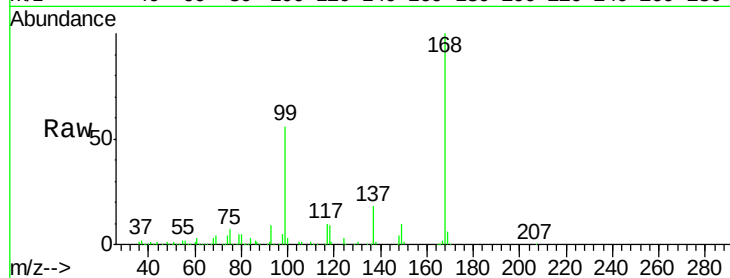
99 55.3 46.1 69.1

Manual Integrations

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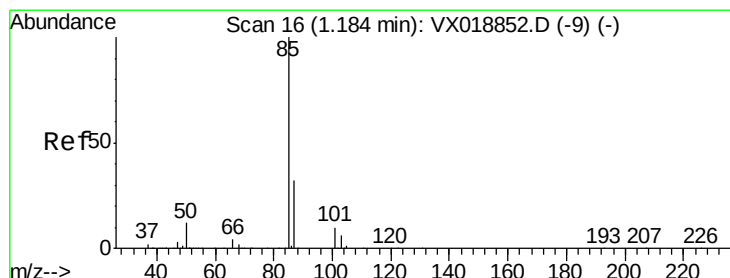
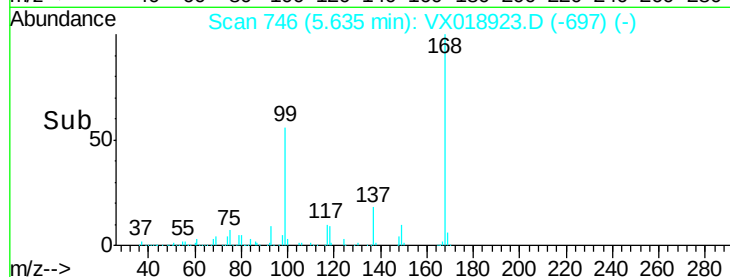
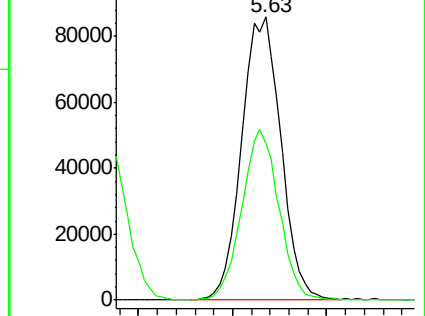
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.267 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018923.D

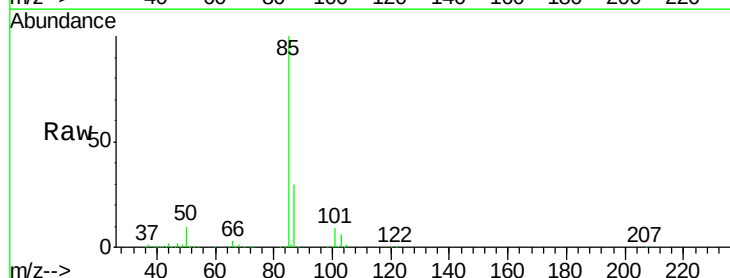
Acq: 12 Oct 2020 22:48

Tgt Ion: 85 Resp: 136762

Ion Ratio Lower Upper

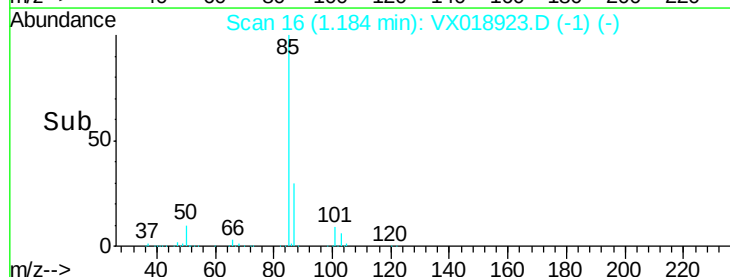
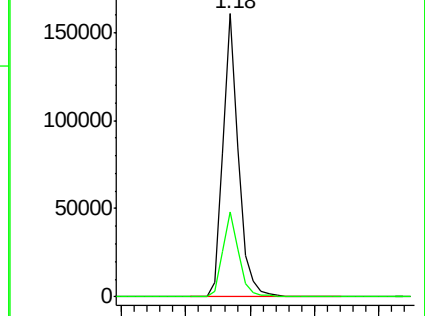
85 100

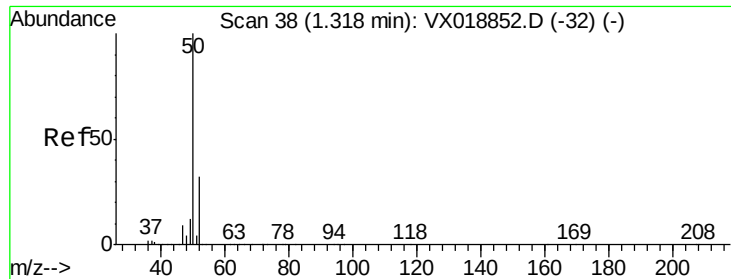
87 30.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.823 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 107648

Ion Ratio Lower Upper

50 100

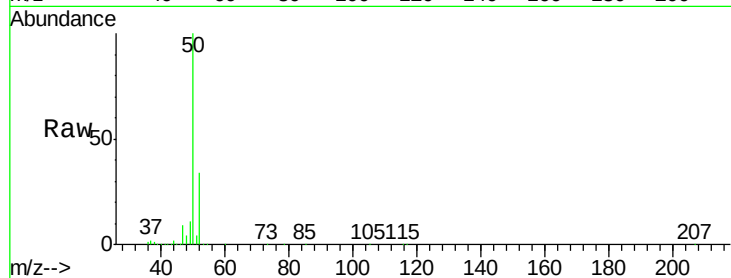
52 33.7 25.2 37.8

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

120000

100000

80000

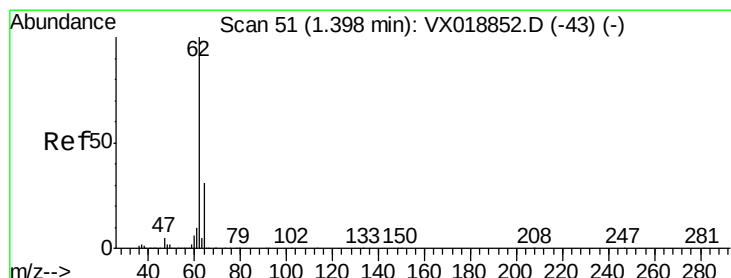
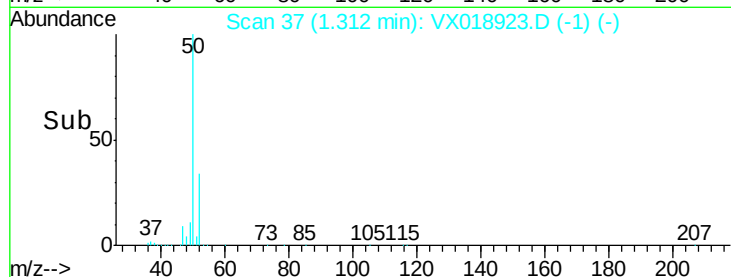
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 49.321 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018923.D

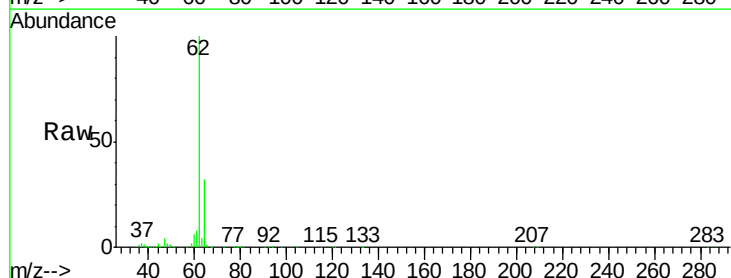
Acq: 12 Oct 2020 22:48

Tgt Ion: 62 Resp: 129519

Ion Ratio Lower Upper

62 100

64 31.5 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

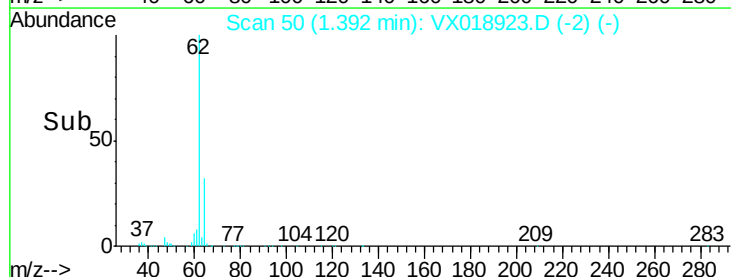
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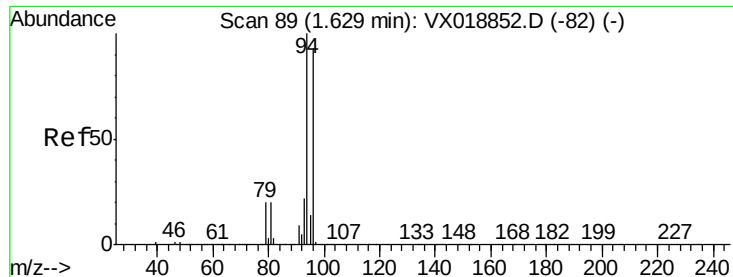
100000

50000

0

Time-->





#5

Bromomethane

Concen: 61.285 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 89634

Ion Ratio Lower Upper

94 100

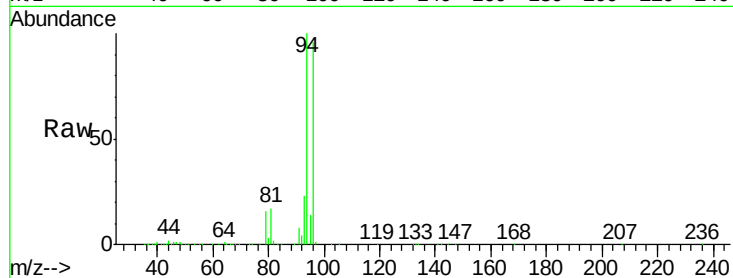
96 95.3 74.5 111.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

80000

60000

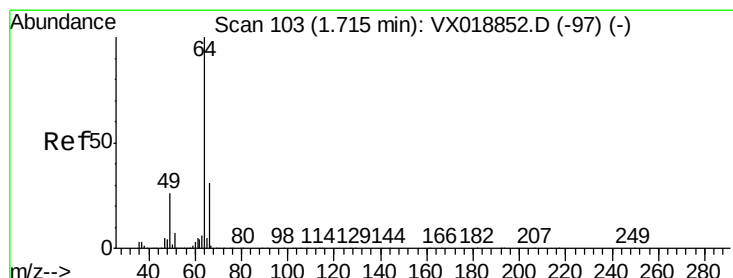
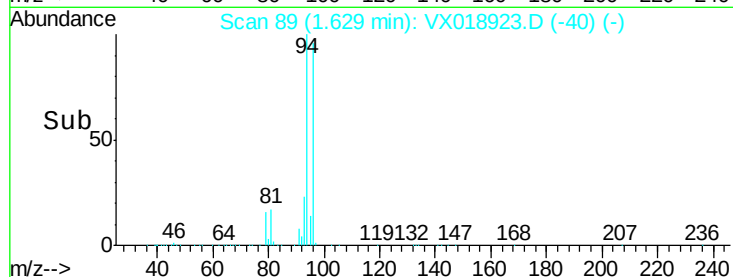
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 47.156 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018923.D

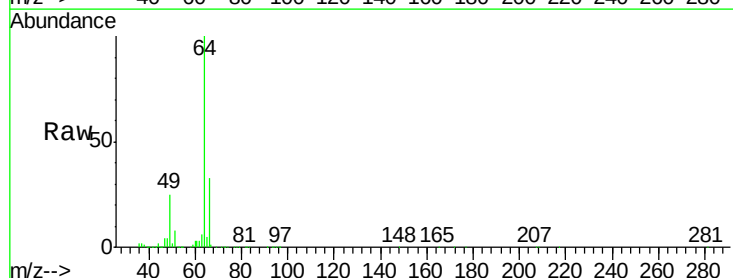
Acq: 12 Oct 2020 22:48

Tgt Ion: 64 Resp: 82939

Ion Ratio Lower Upper

64 100

66 33.5 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

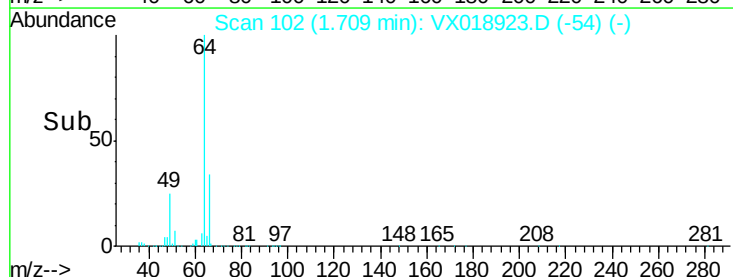
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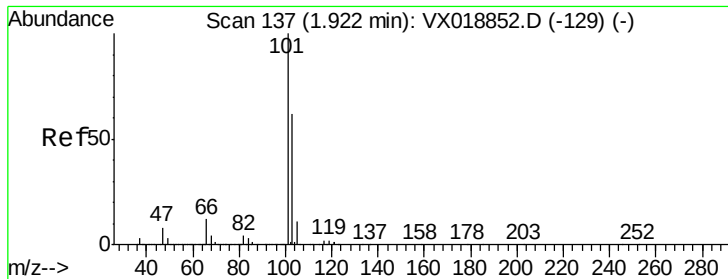
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Time-->

1.65 1.70 1.75 1.80





#7

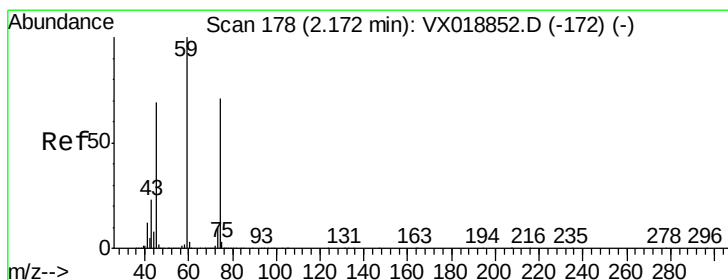
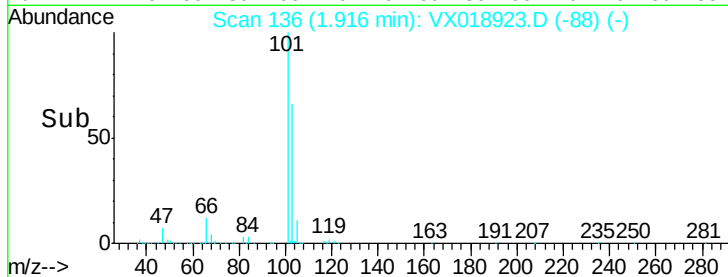
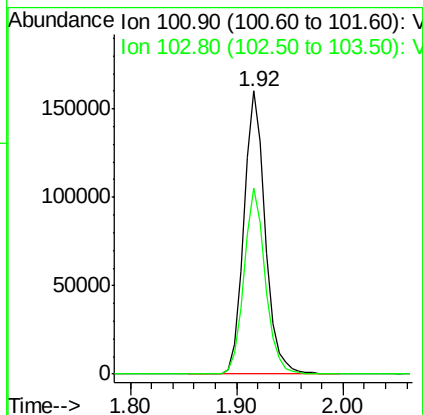
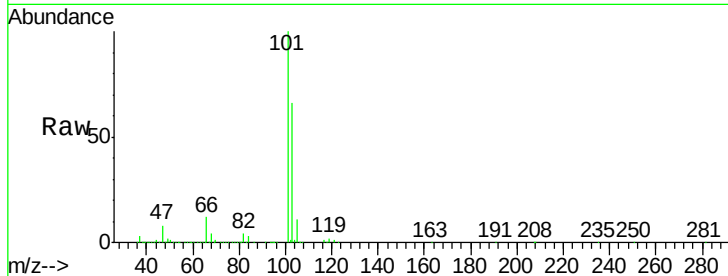
Trichlorofluoromethane
Concen: 43.408 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	50.0	75.0

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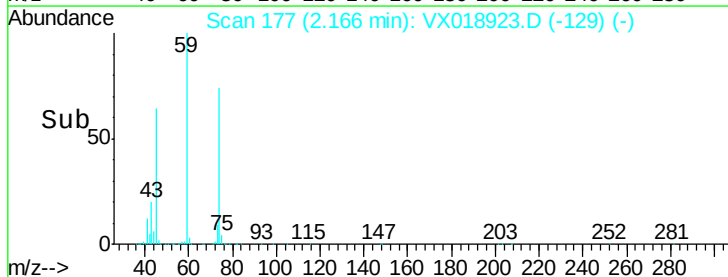
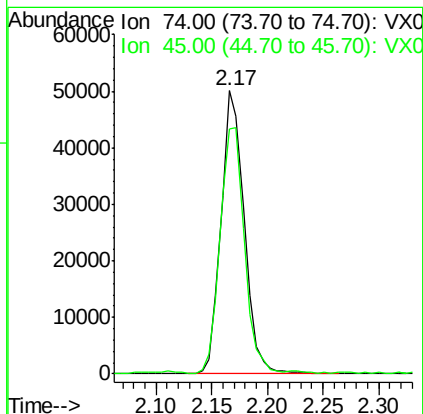
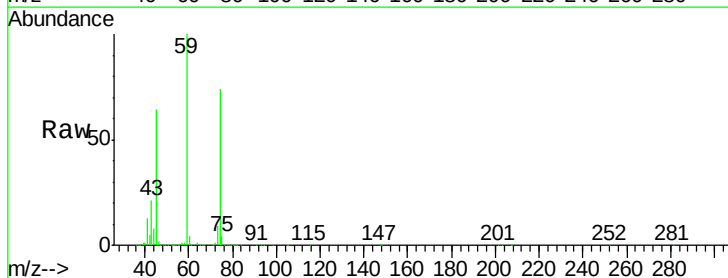
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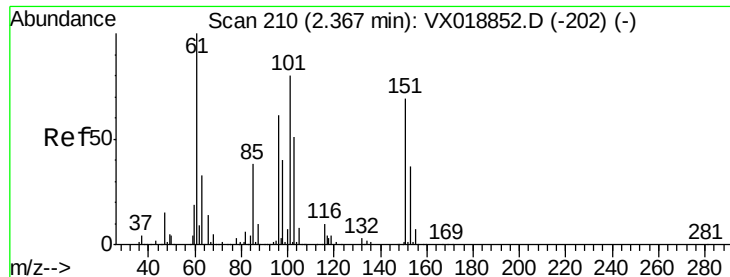


#8

Diethyl Ether
Concen: 50.232 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.3	47.0	141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.519 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

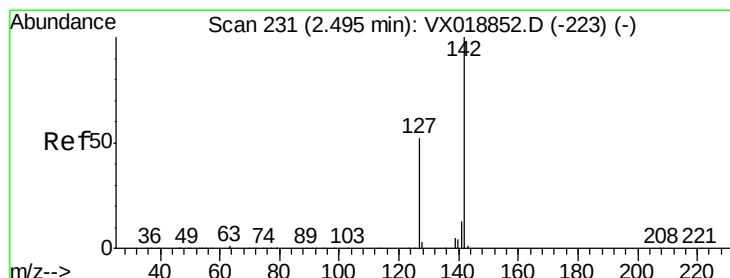
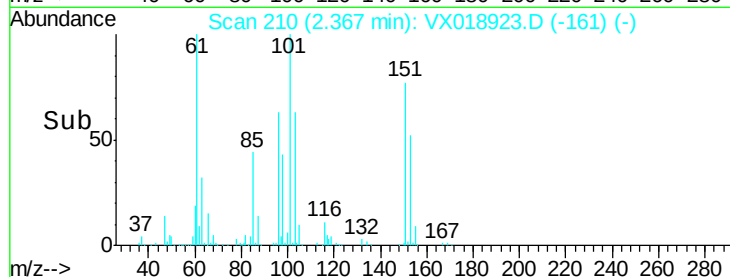
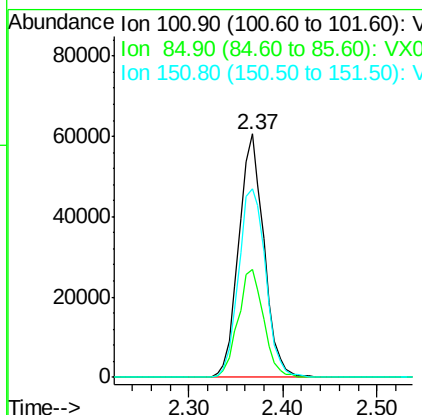
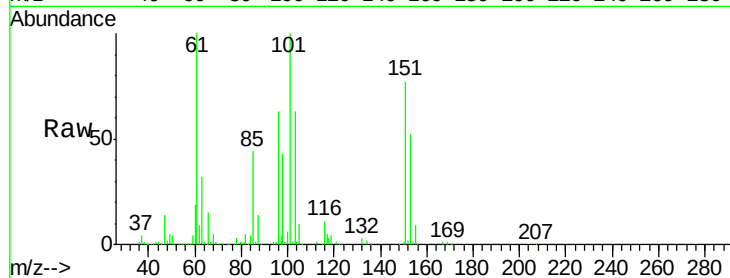
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	113161
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.6	55.0
151	83.3	67.2	100.8

Manual Integrations
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#10

Methyl Iodide

Concen: 46.250 ug/l

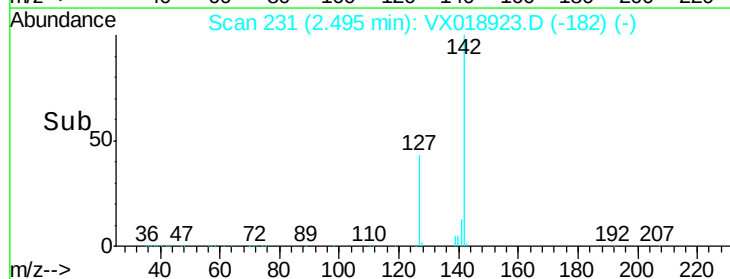
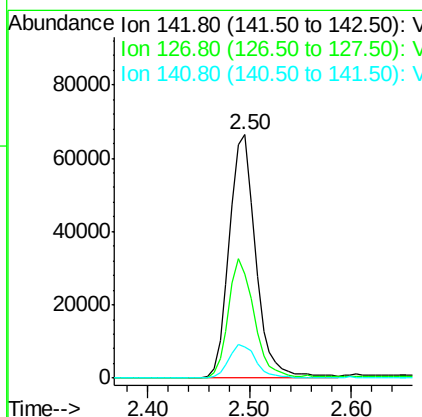
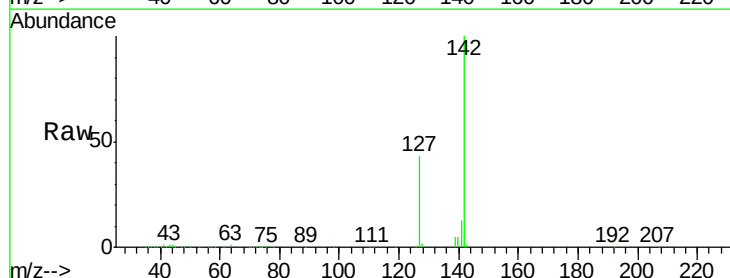
RT: 2.50 min Scan# 231

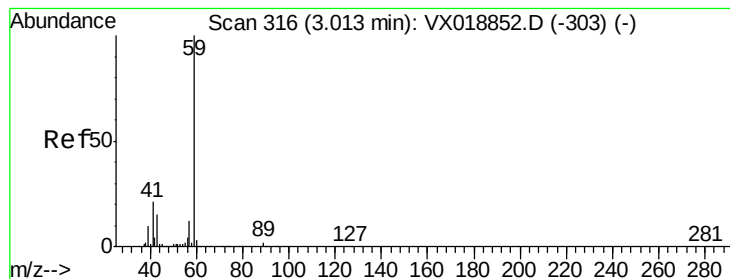
Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Tgt Ion:	142	Resp:	119952
Ion Ratio	Lower	Upper	
142	100		
127	48.1	42.0	63.0
141	14.1	11.8	17.6





#11

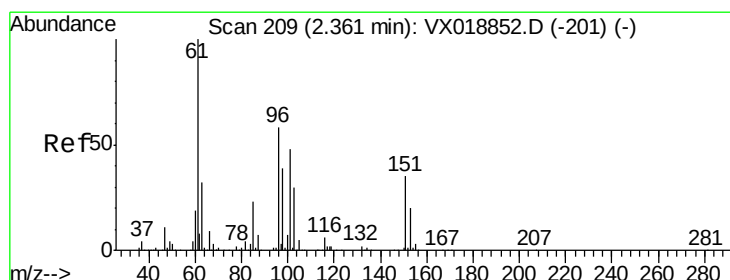
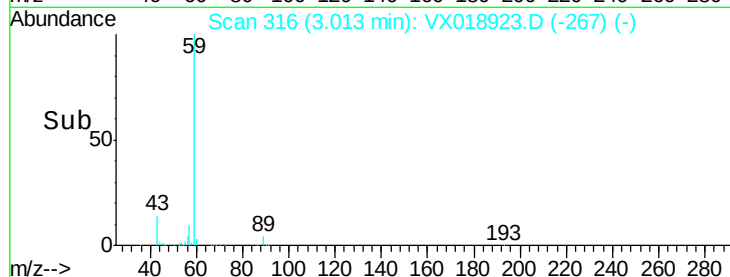
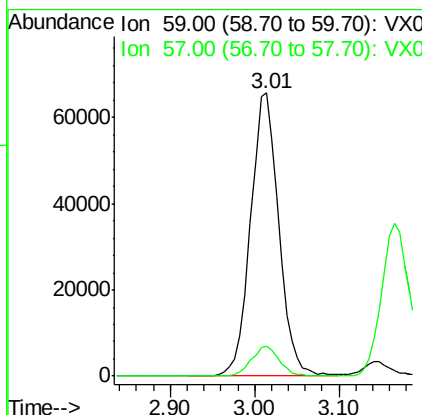
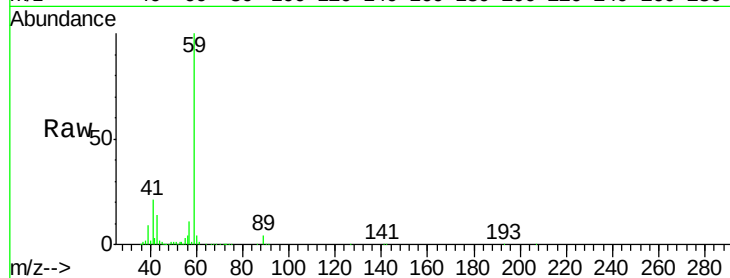
Tert butyl alcohol
 Concen: 256.883 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	9.0	13.6

Manual Integrations
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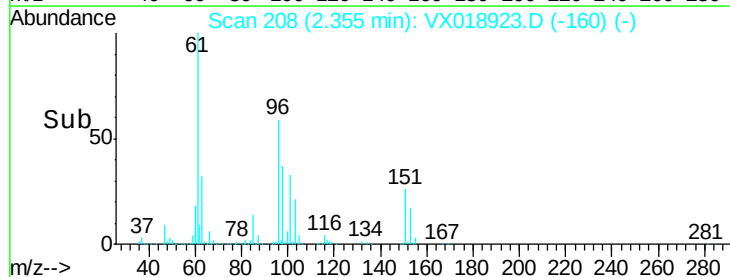
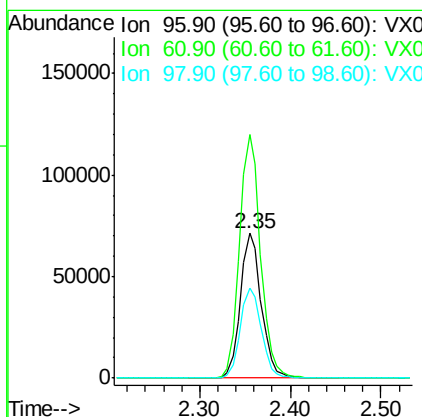
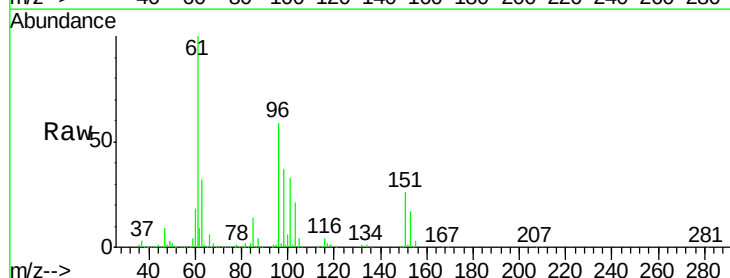
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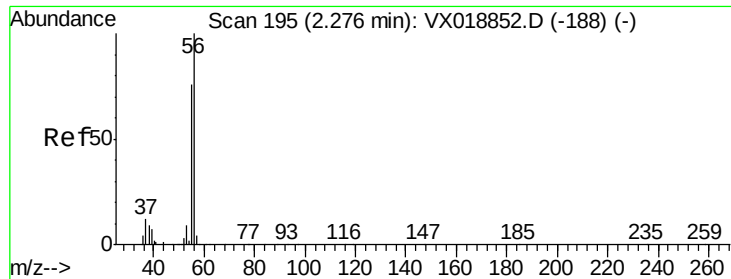


#12

1,1-Dichloroethene
 Concen: 49.112 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.01 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.1	137.0	205.6
98	62.5	53.9	80.9





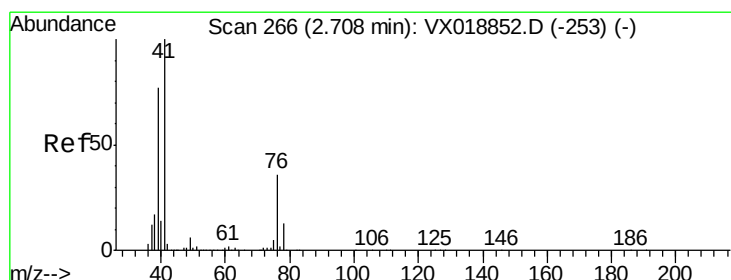
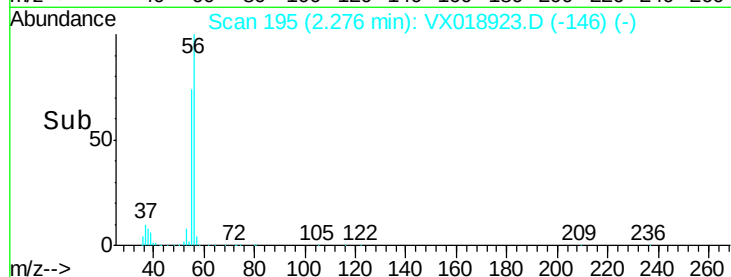
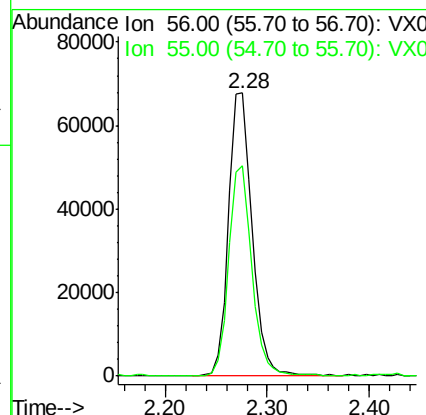
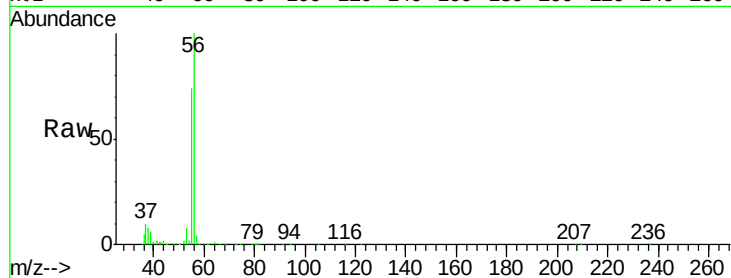
#13
Acrolein
Concen: 225.432 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.0	58.6	87.8

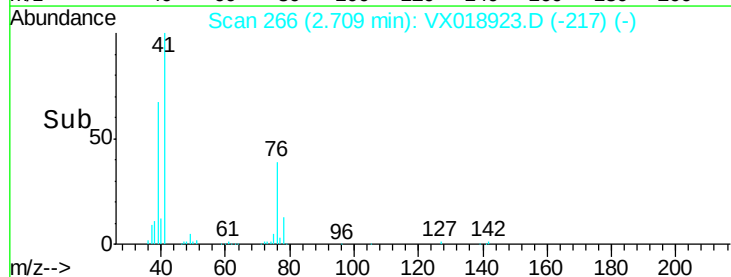
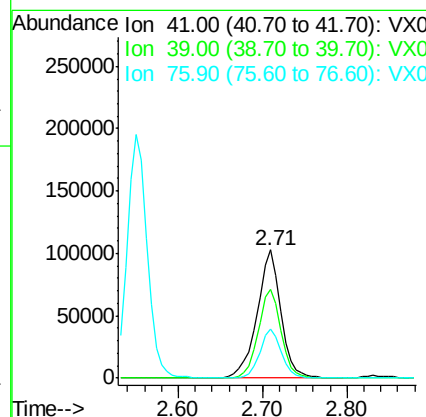
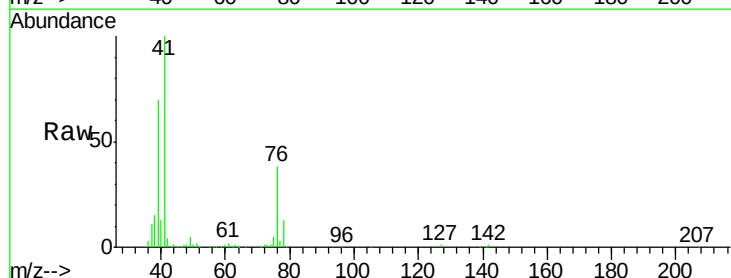
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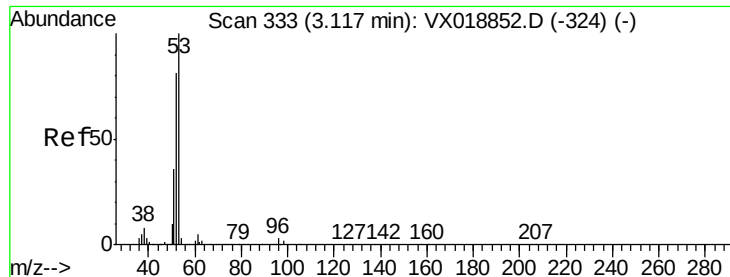
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#14
Allyl chloride
Concen: 47.170 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.8	57.8	86.8
76	34.3	26.8	40.2





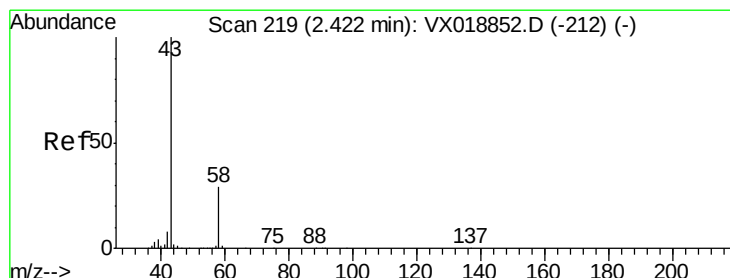
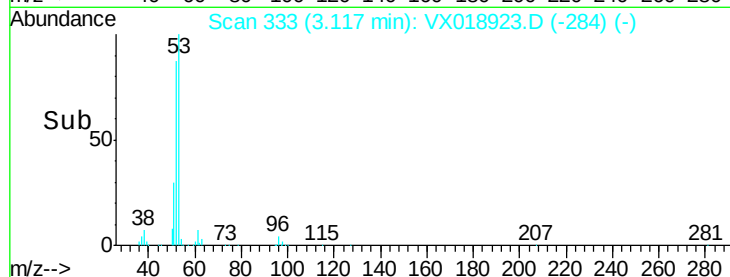
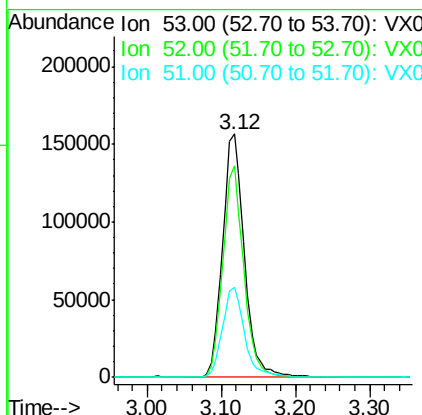
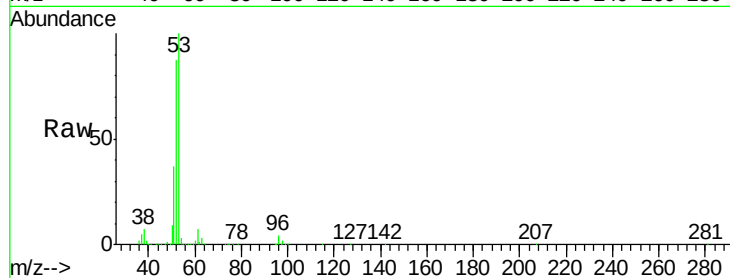
#15
 Acrylonitrile
 Concen: 259.270 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	320157
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.7	100.1
51	37.1	30.3	45.5

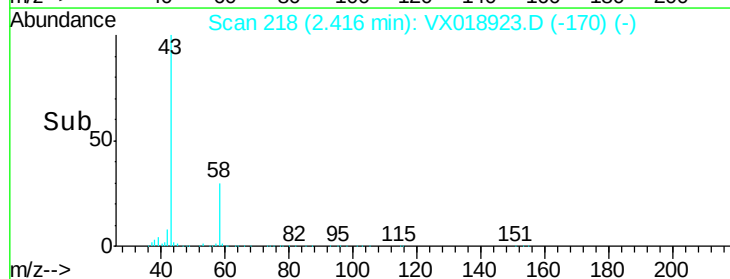
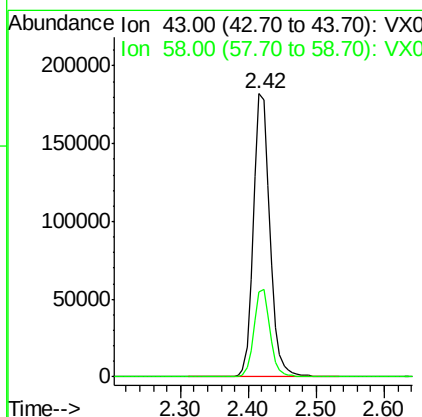
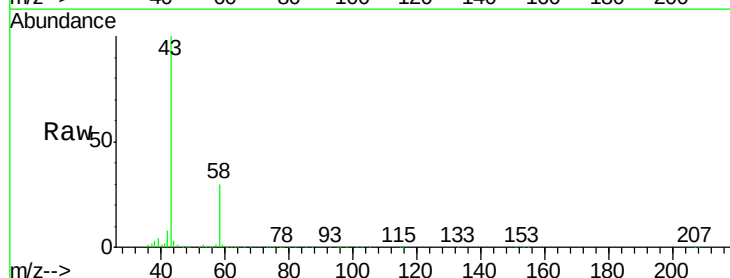
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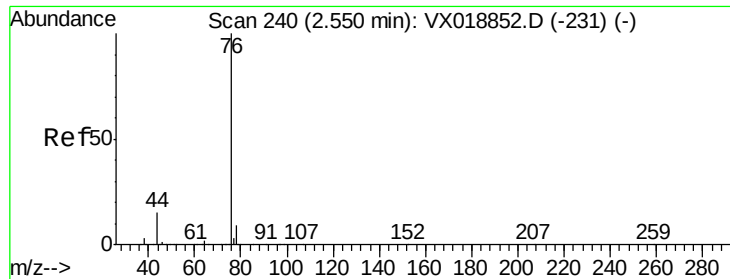
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#16
 Acetone
 Concen: 219.882 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion:	43	Resp:	307692
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.0	34.4





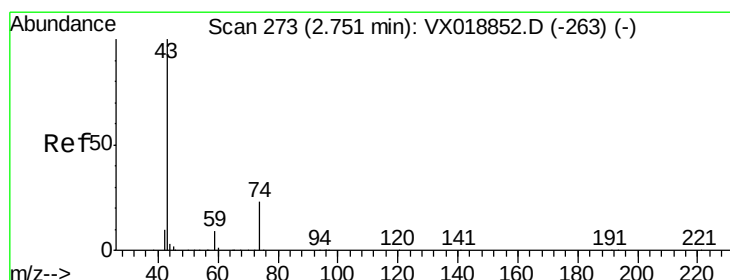
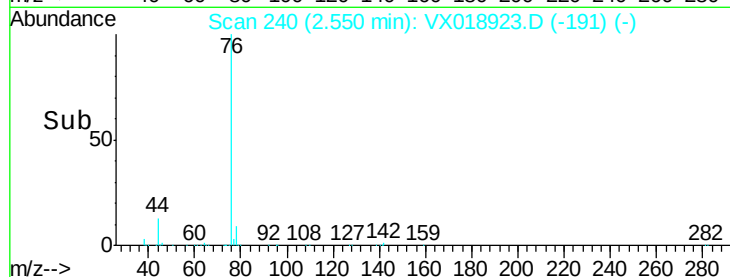
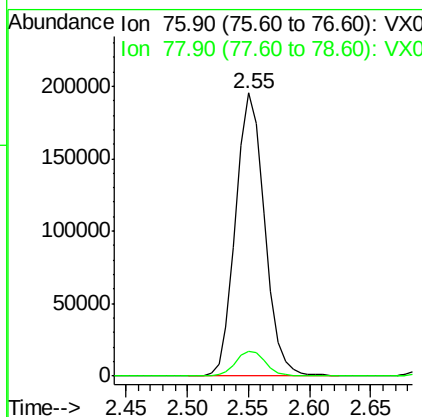
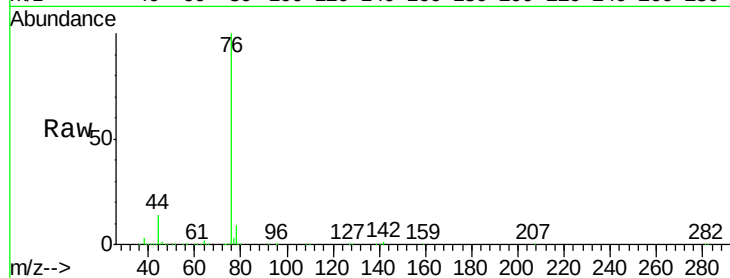
#17
Carbon Disulfide
Concen: 47.359 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

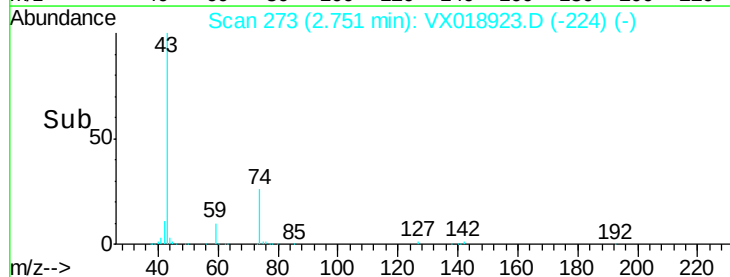
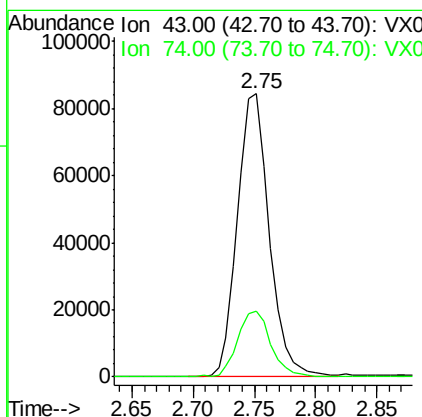
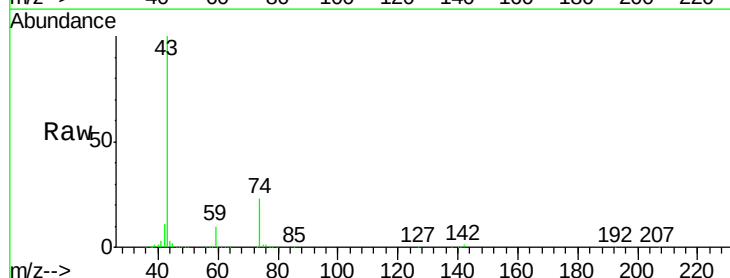
Manual Integrations
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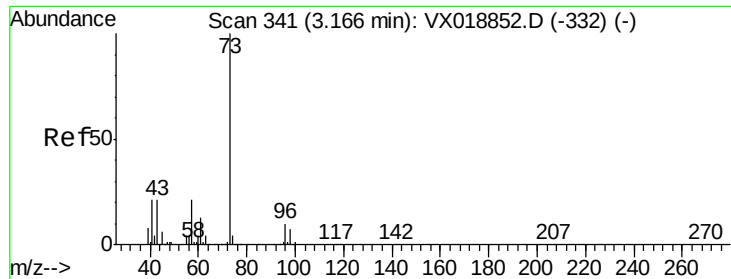
MMDadoda
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#18
Methyl Acetate
Concen: 49.339 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	18.9	28.3





#19

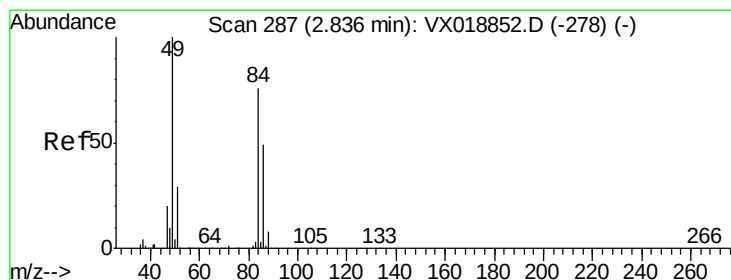
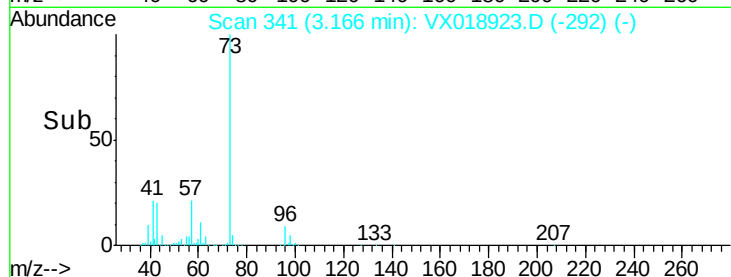
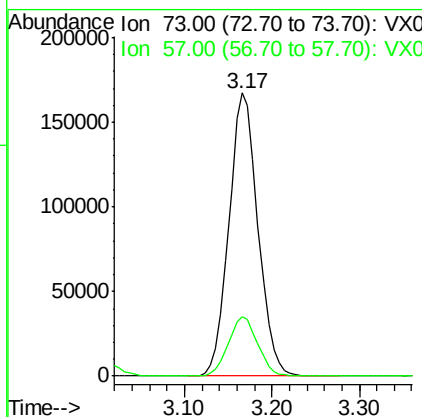
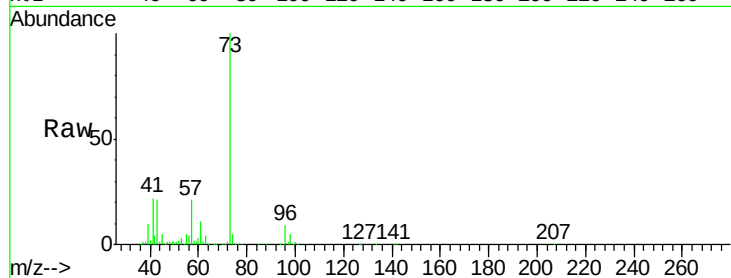
Methyl tert-butyl Ether
 Concen: 49.741 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	16.7	25.1

Manual Integrations
 APPROVED

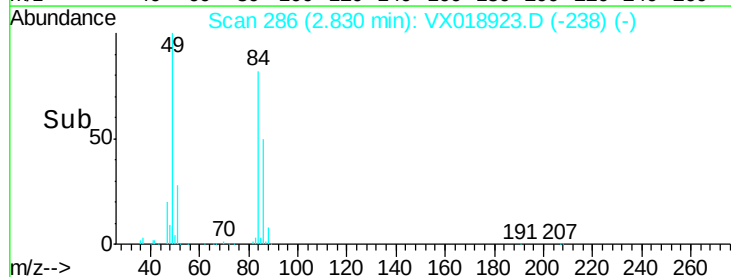
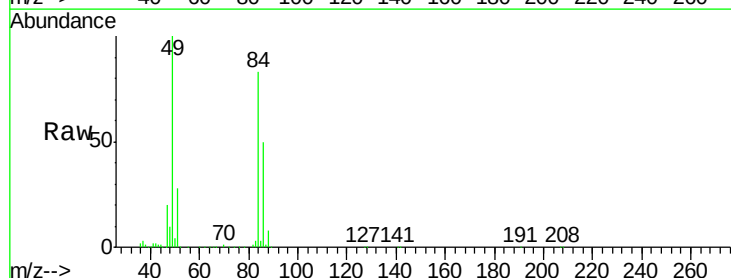
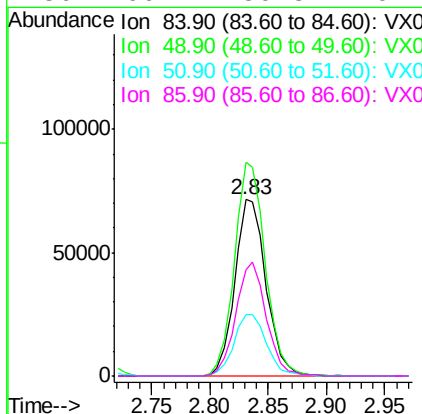
MMDadoda
 10/13/2020 2:19:21 PM

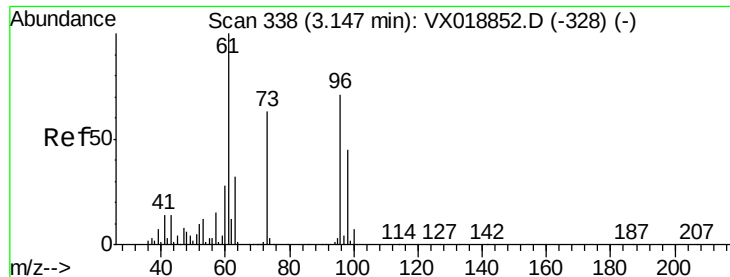


#20

Methylene Chloride
 Concen: 50.572 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.1	104.8	157.2
51	34.5	30.6	46.0
86	60.2	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 47.956 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

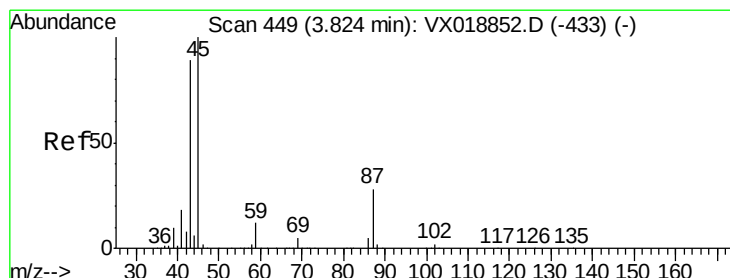
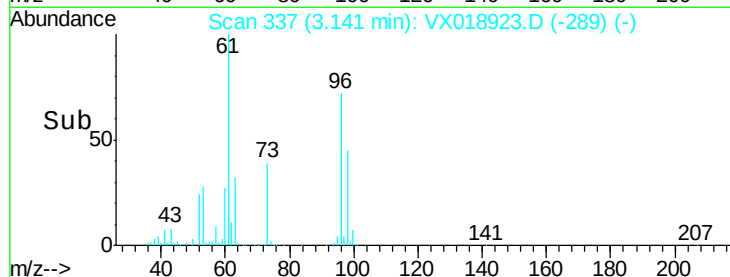
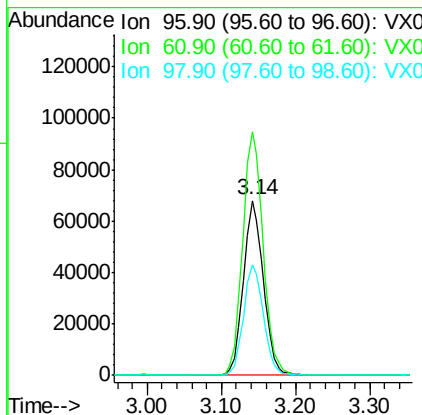
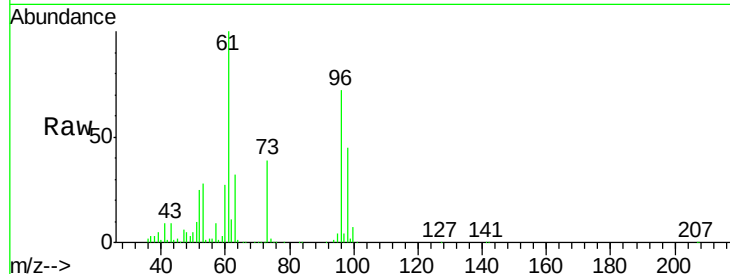
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	128755
Ion	Ratio	Lower	Upper
96	100		
61	139.2	112.0	168.0
98	62.9	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.334 ug/l

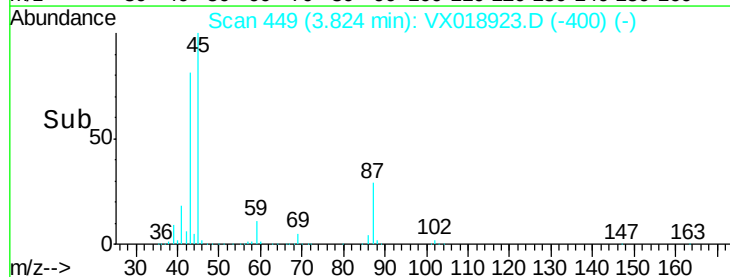
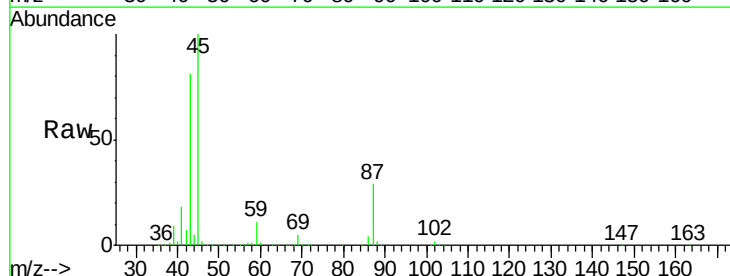
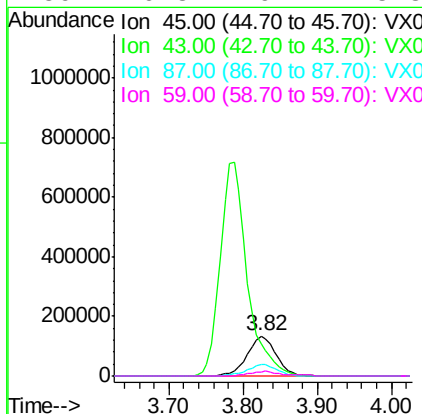
RT: 3.82 min Scan# 449

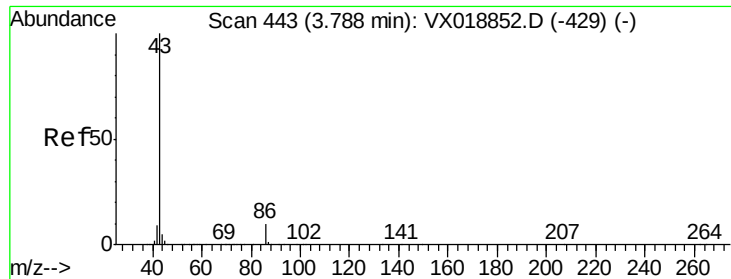
Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Tgt Ion:	45	Resp:	363053
Ion	Ratio	Lower	Upper
45	100		
43	80.7	71.2	106.8
87	28.5	22.5	33.7
59	10.8	9.2	13.8





#23

Vinyl Acetate

Concen: 251.253 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1815048

Ion Ratio Lower Upper

43 100

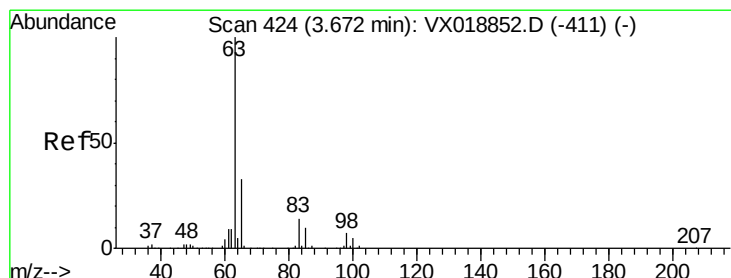
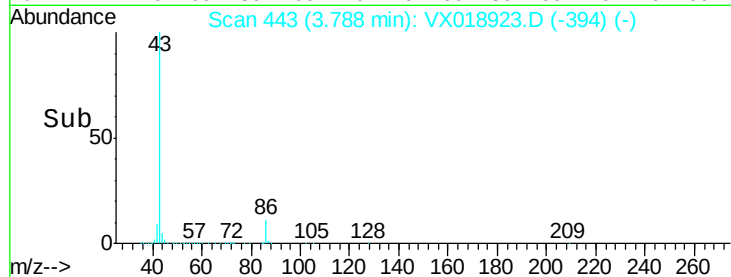
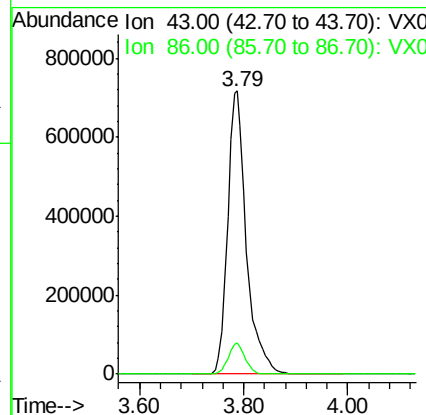
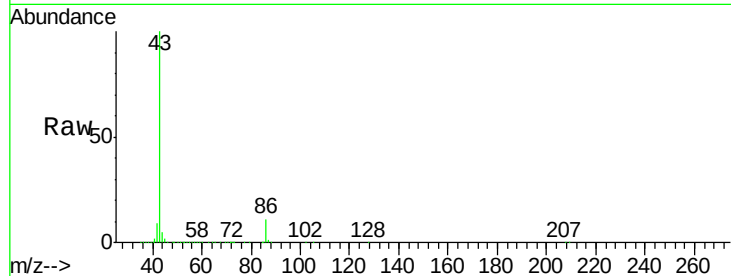
86 11.0 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.399 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

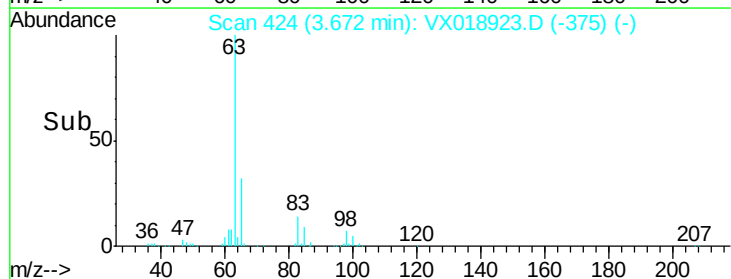
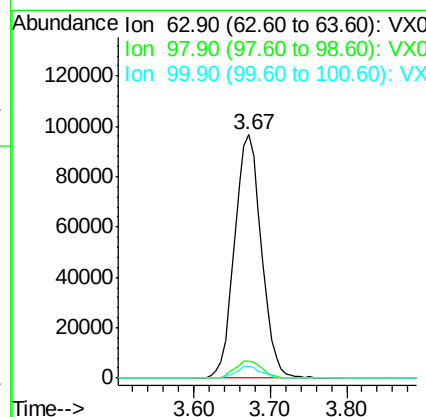
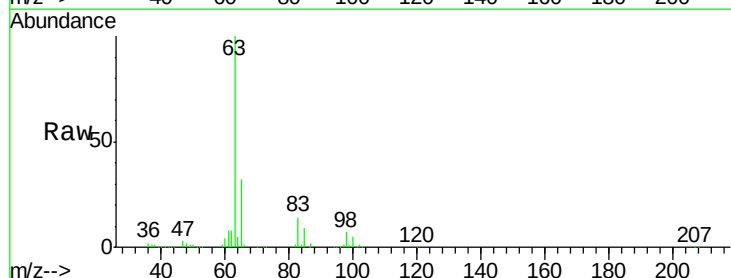
Tgt Ion: 63 Resp: 234325

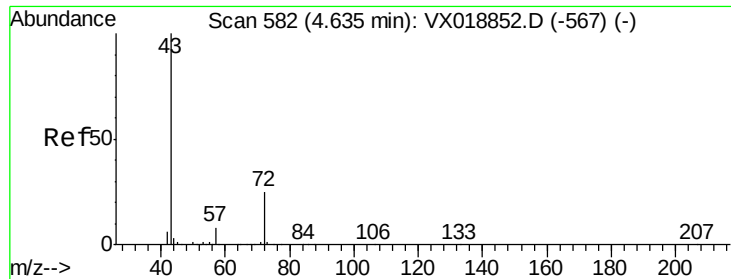
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

100 4.9 2.5 7.6





#25

2-Butanone

Concen: 242.713 ug/l

RT: 4.63 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 485992

Ion Ratio Lower Upper

43 100

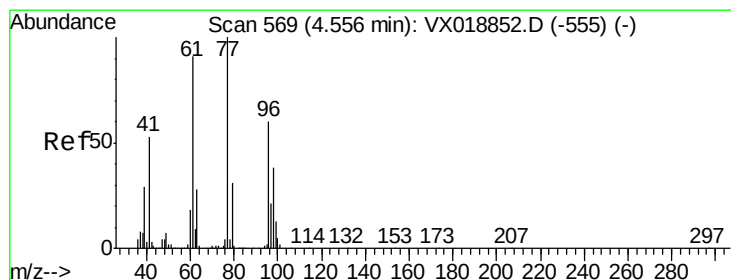
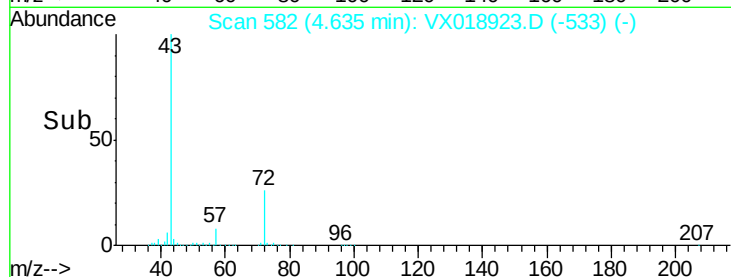
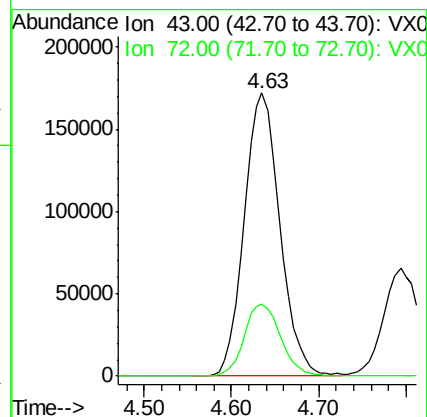
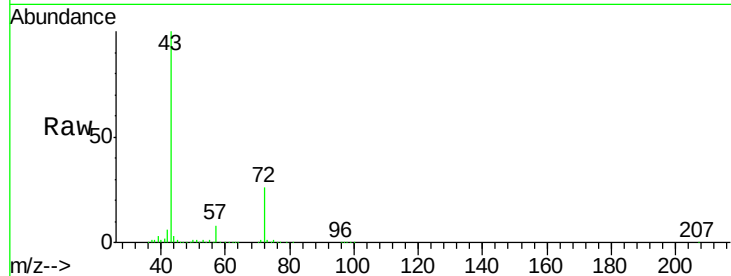
72 25.4 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 37.817 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX018923.D

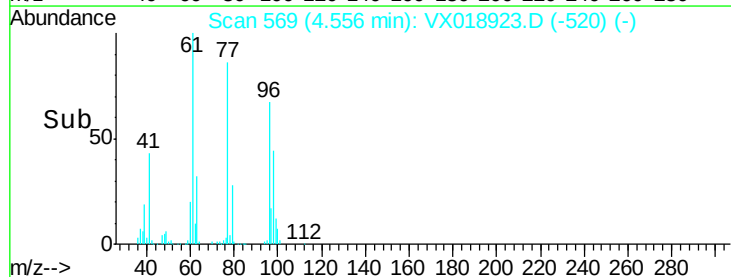
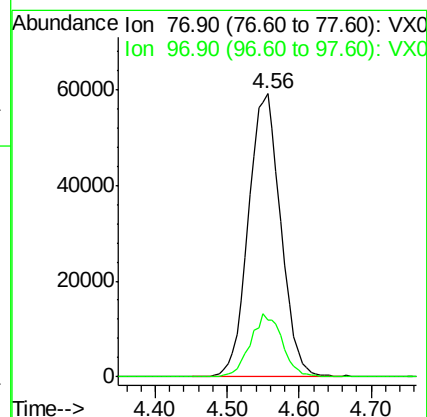
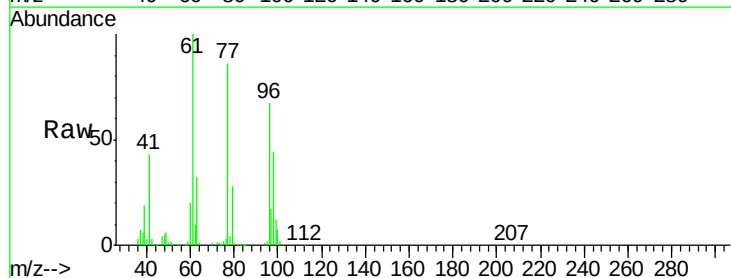
Acq: 12 Oct 2020 22:48

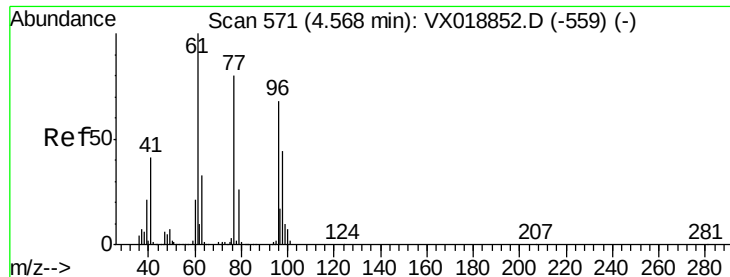
Tgt Ion: 77 Resp: 184266

Ion Ratio Lower Upper

77 100

97 21.8 10.4 31.4





#27

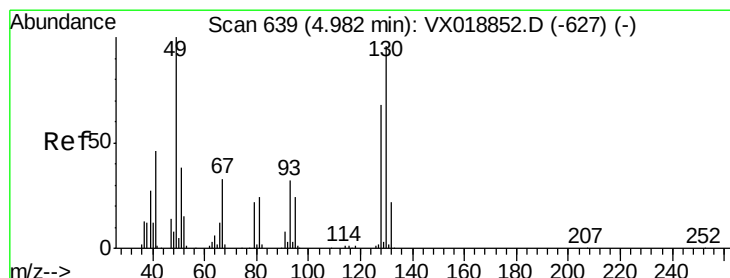
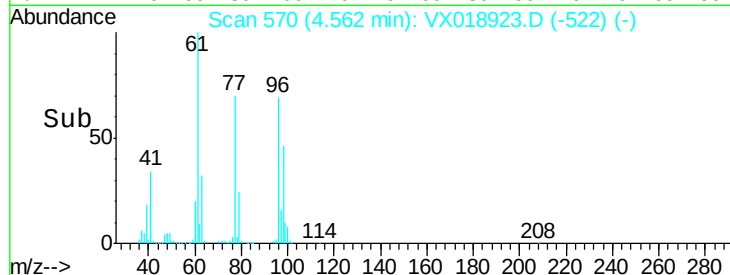
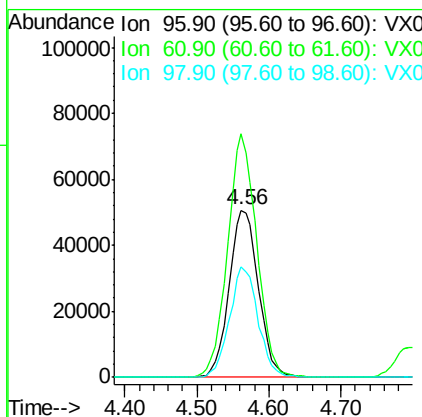
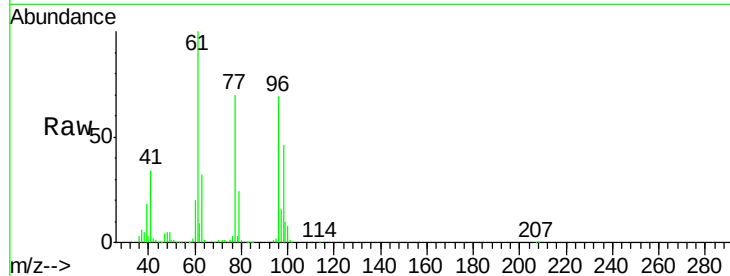
cis-1,2-Dichloroethene
Concen: 48.075 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.2	0.0	306.8	
98	64.4	0.0	130.2	

Manual Integrations
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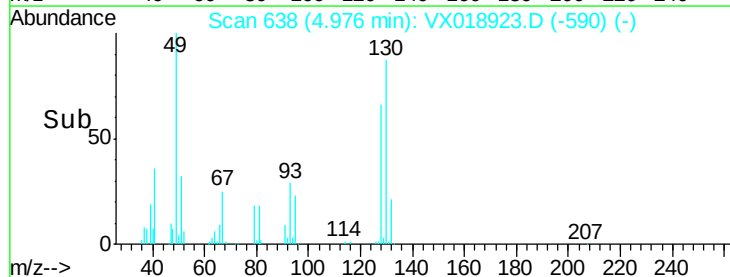
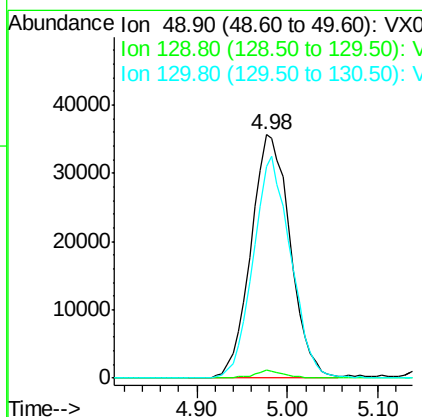
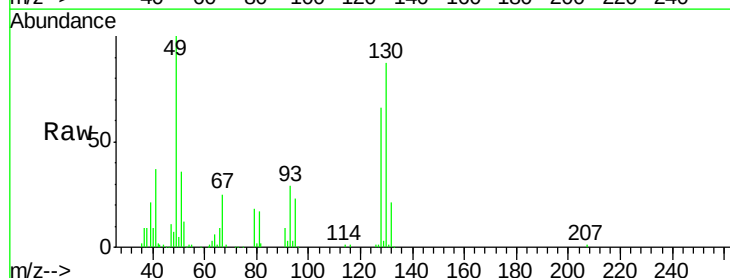
MMDadoda
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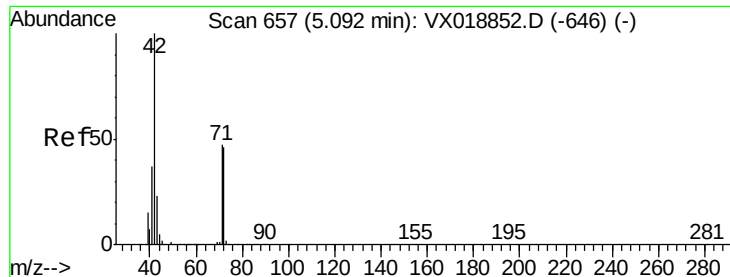


#28

Bromochloromethane
Concen: 48.102 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	5.4	
130	87.1	71.2	106.8	





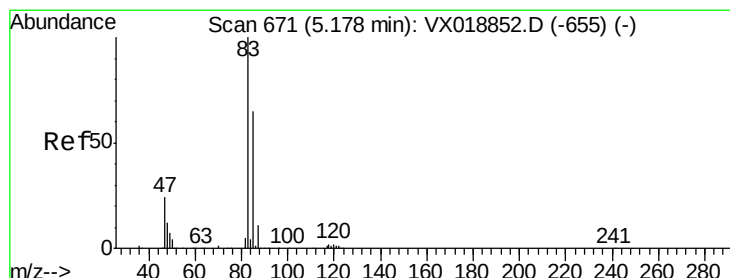
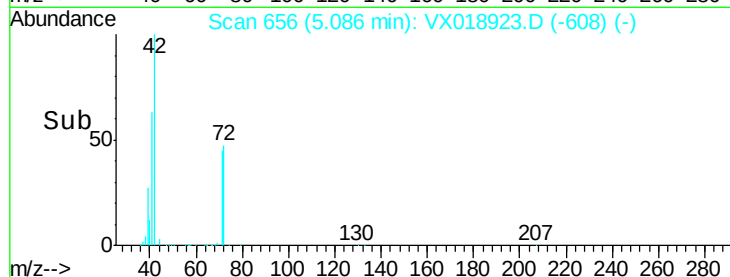
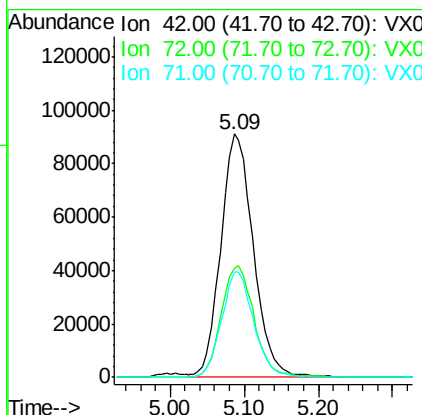
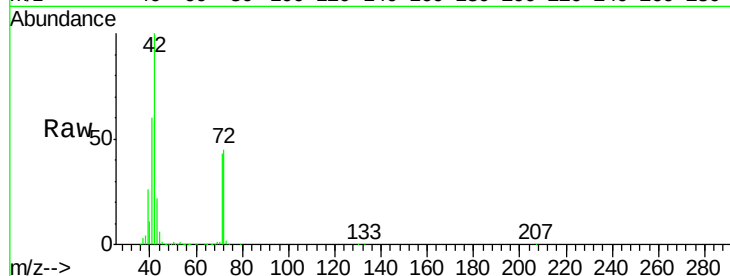
#29
Tetrahydrofuran
Concen: 256.316 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	36.4	54.6
71	43.1	35.2	52.8

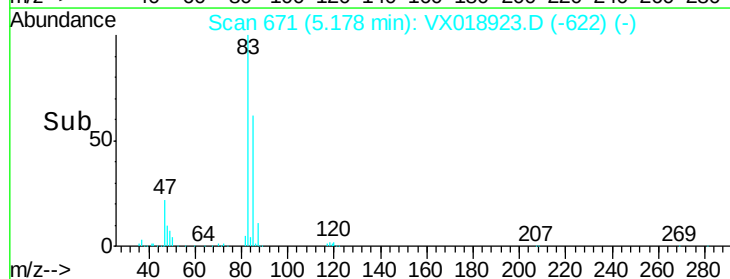
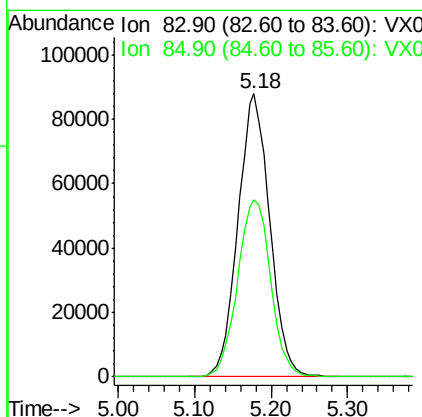
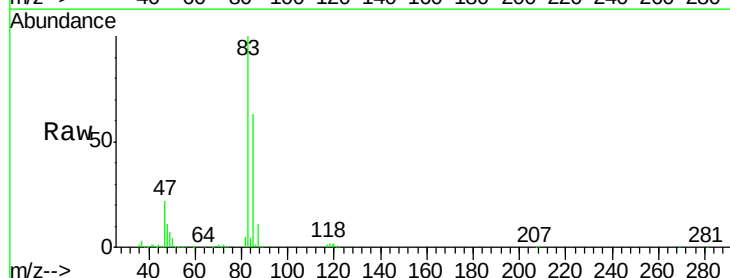
Manual Integrations
APPROVED

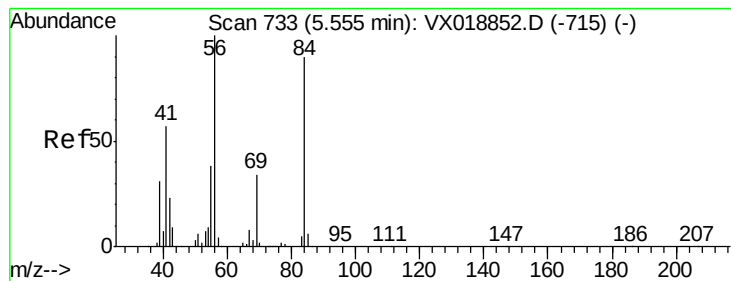
MMDadoda
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#30
Chloroform
Concen: 45.527 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.8





#31

Cyclohexane

Concen: 49.282 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

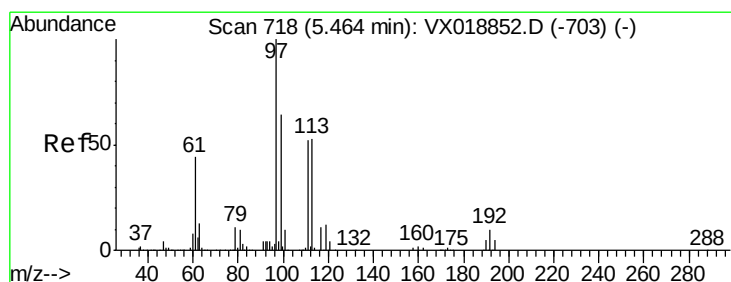
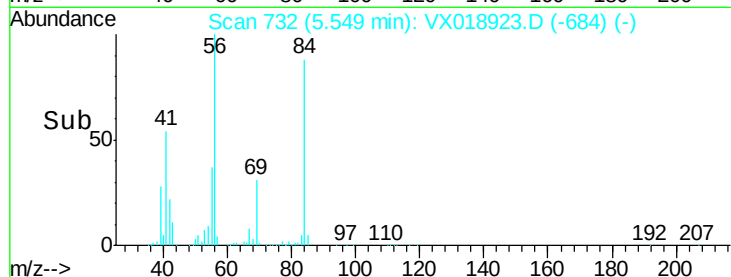
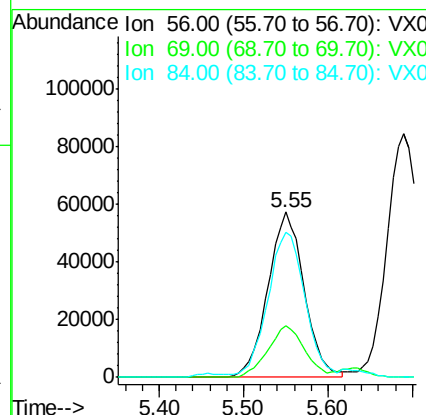
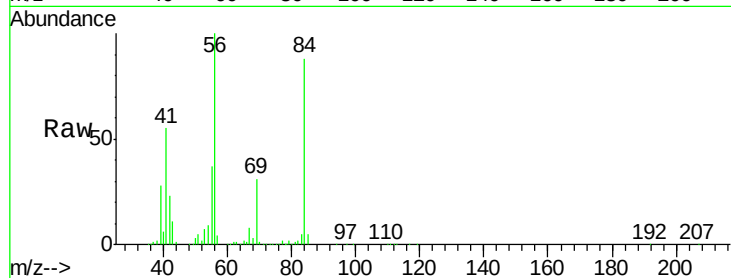
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	170164
Ion	Ratio	Lower	Upper
56	100		
69	31.0	27.1	40.7
84	86.8	71.7	107.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 45.463 ug/l

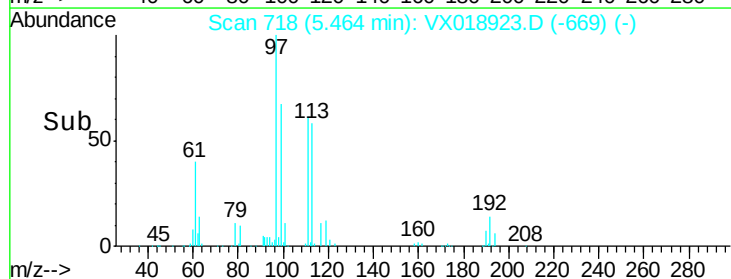
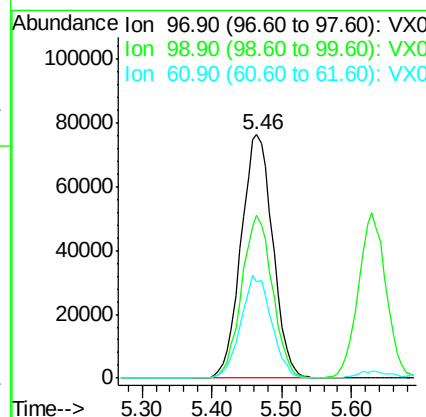
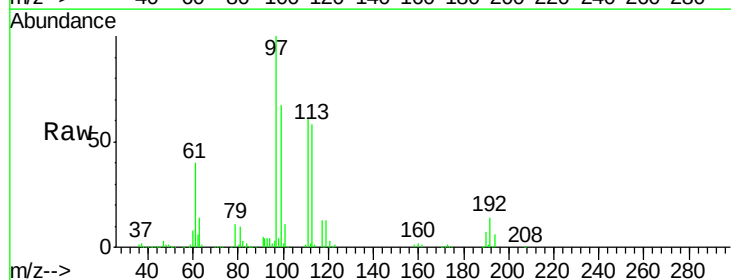
RT: 5.46 min Scan# 718

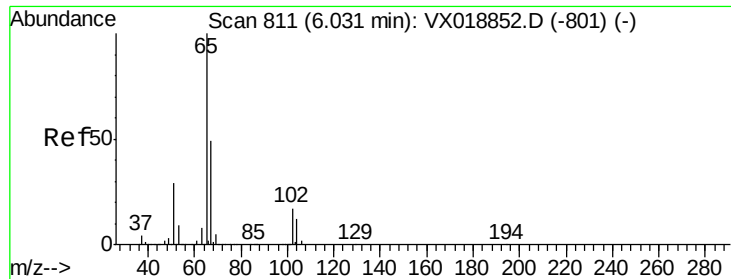
Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Tgt Ion:	97	Resp:	240390
Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.1	78.1
61	40.8	35.3	52.9





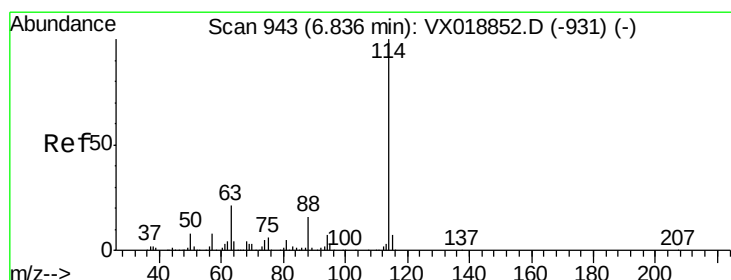
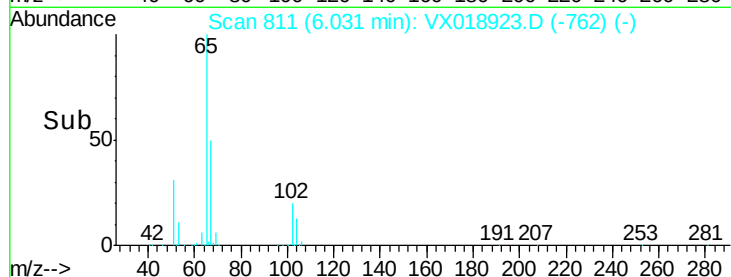
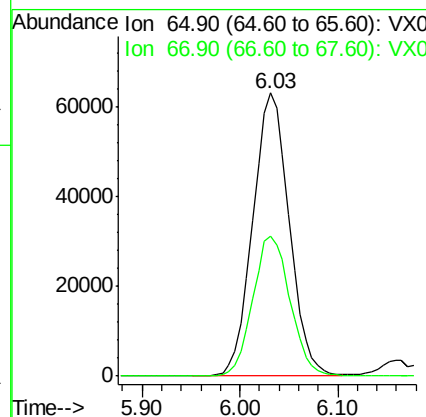
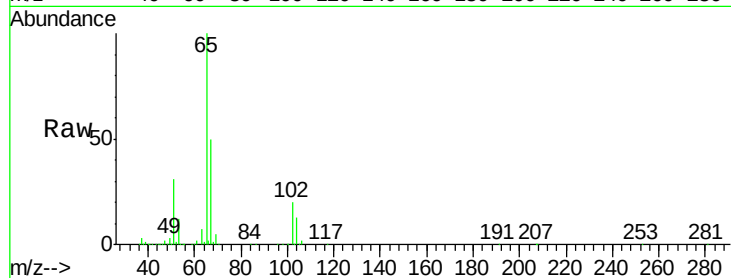
#33
 1,2-Dichloroethane-d4
 Concen: 44.139 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	97.0

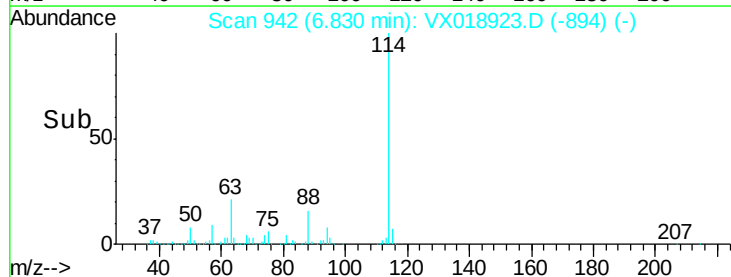
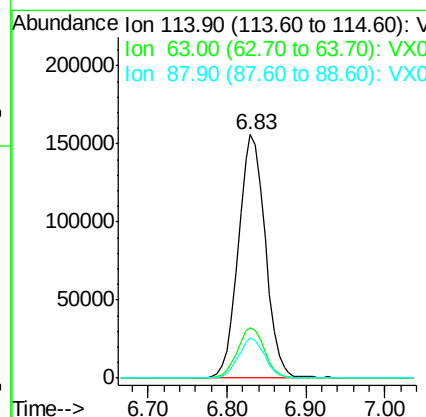
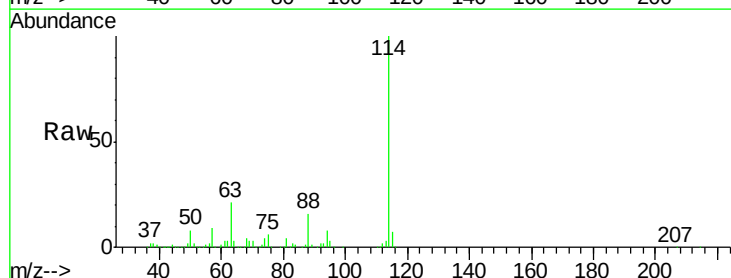
Manual Integrations
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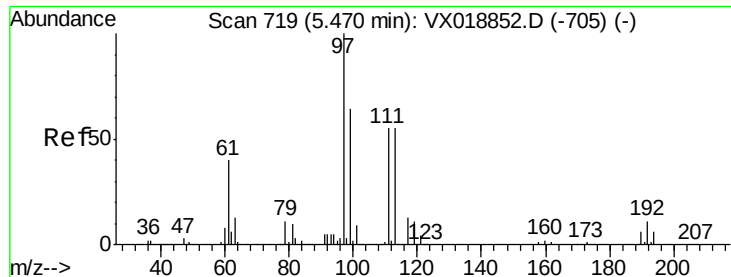
MMDadoda
 10/13/2020 2:19:21 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.4
88	16.4	0.0	32.6





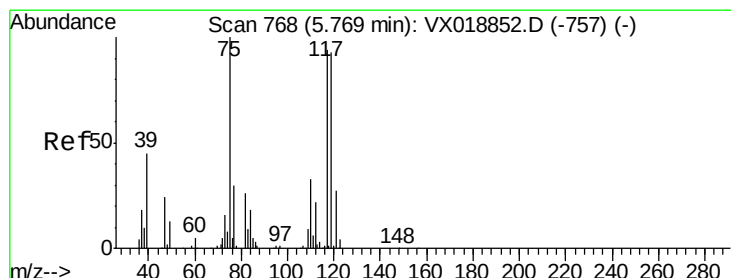
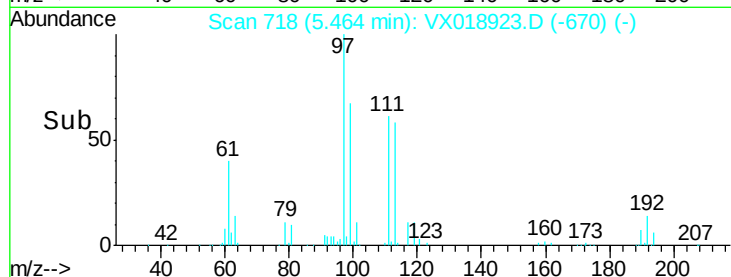
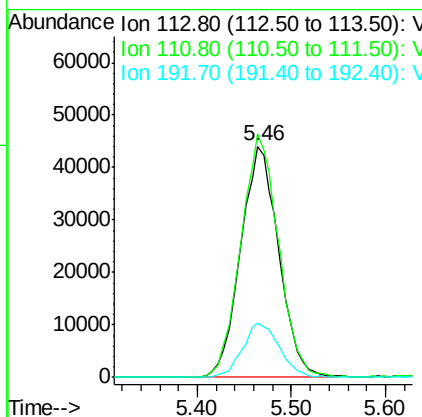
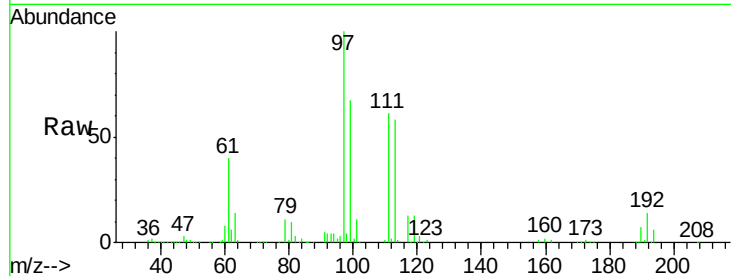
#35
 Dibromofluoromethane
 Concen: 47.168 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124460		
111	104.6	80.1	120.1	
192	22.9	16.0	24.0	

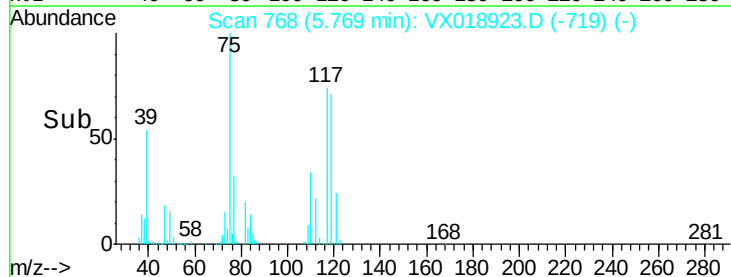
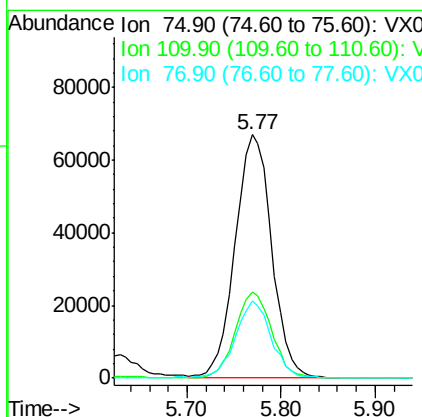
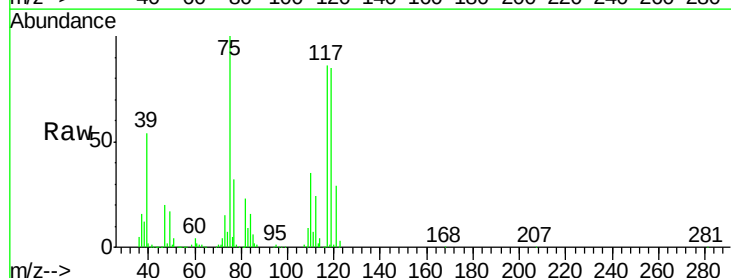
Manual Integrations
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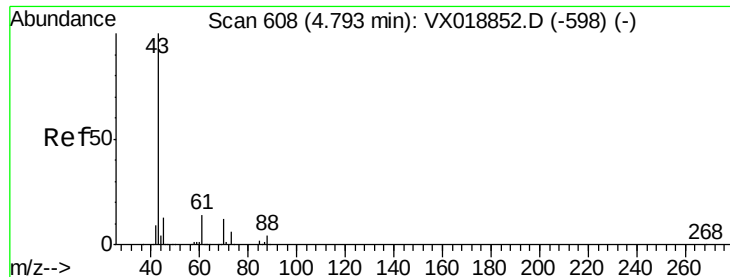
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 46.243 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	180016		
110	35.5	17.8	53.5	
77	30.9	24.2	36.4	





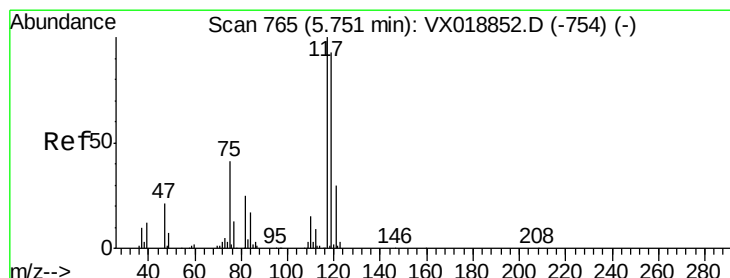
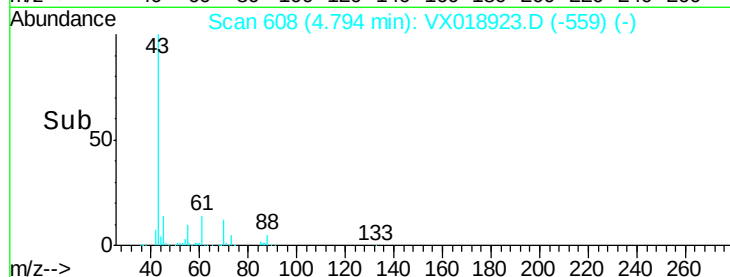
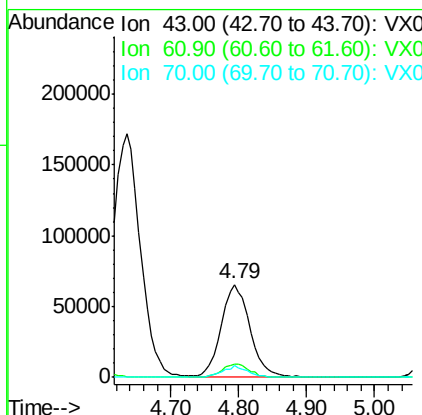
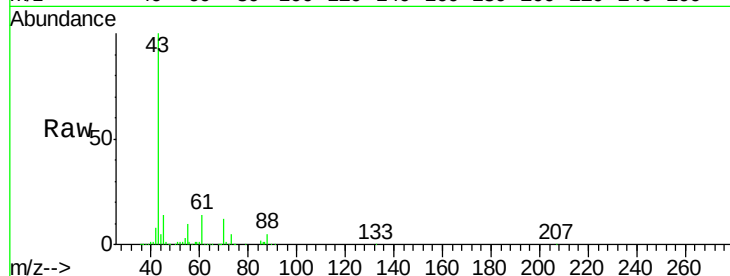
#37
Ethyl Acetate
Concen: 51.301 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	192853
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.9	16.3
70	11.0	8.6	13.0

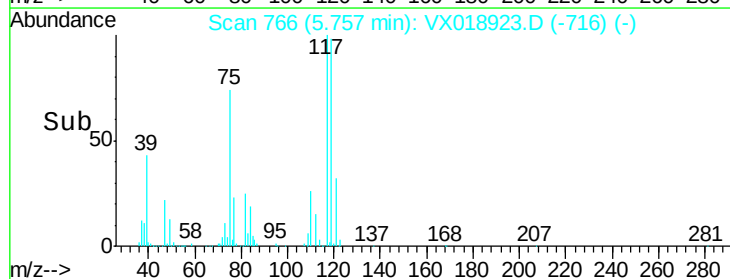
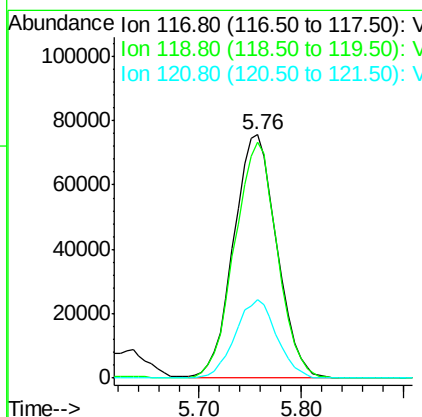
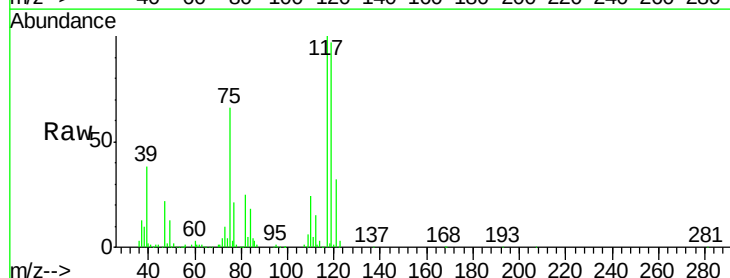
Manual Integrations
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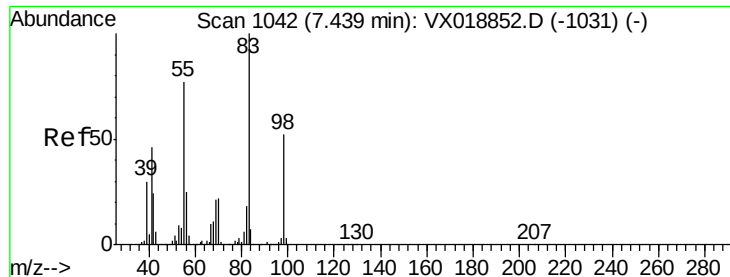
MMDadoda
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#38
Carbon Tetrachloride
Concen: 45.912 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	117	Resp	221523
Ion Ratio	Lower	Upper	
117	100		
119	96.6	73.9	110.9
121	32.2	23.6	35.4





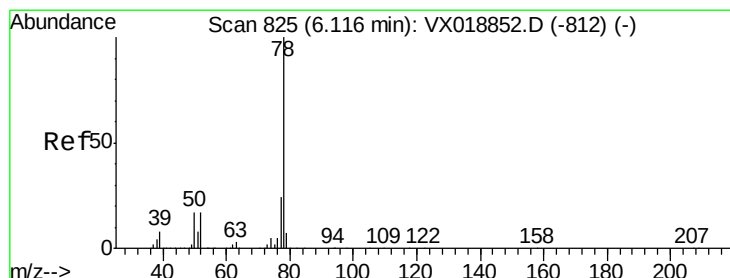
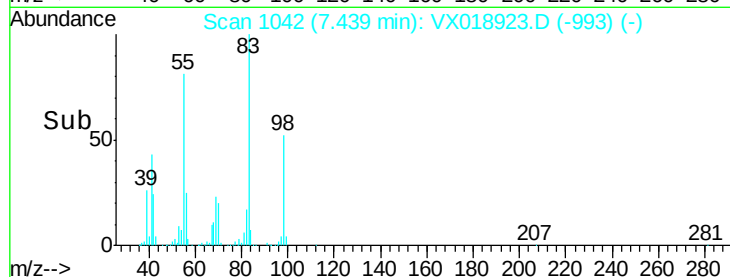
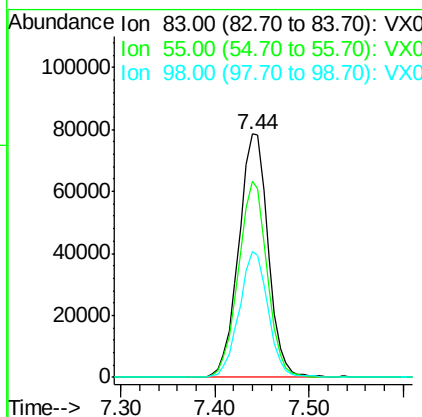
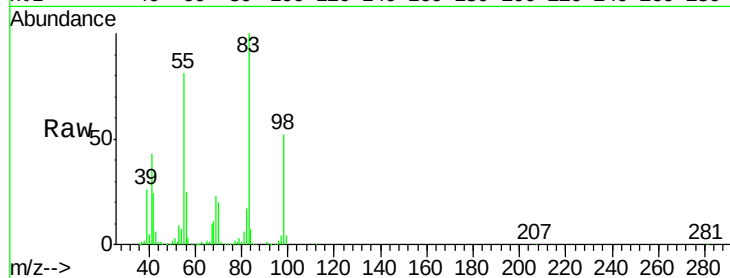
#39
Methylvlcyclohexane
Concen: 47.937 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	172020
Ion	Ratio	Lower	Upper
83	100		
55	80.7	61.8	92.6
98	51.9	41.4	62.0

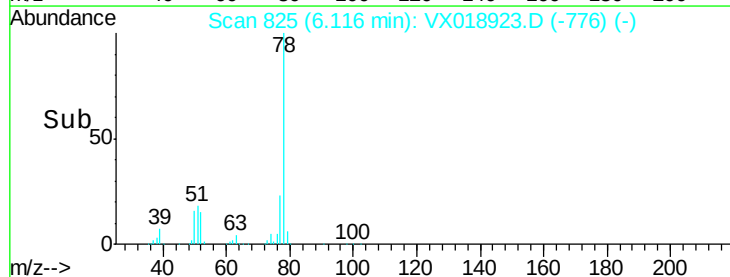
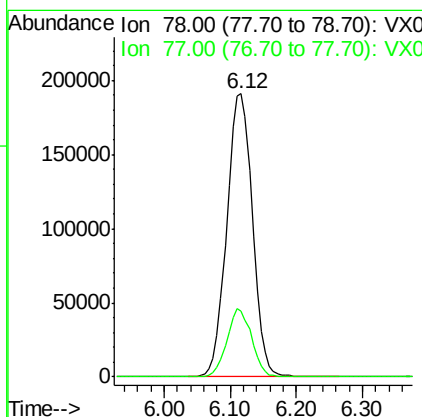
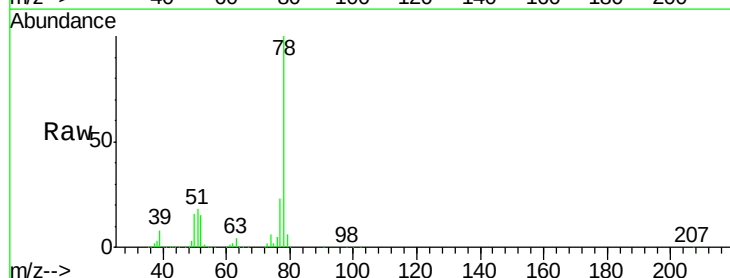
Manual Integrations
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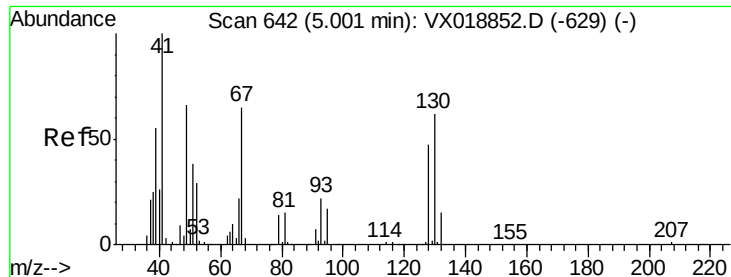
MMDadoda
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#40
Benzene
Concen: 49.037 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	78	Resp	512859
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7





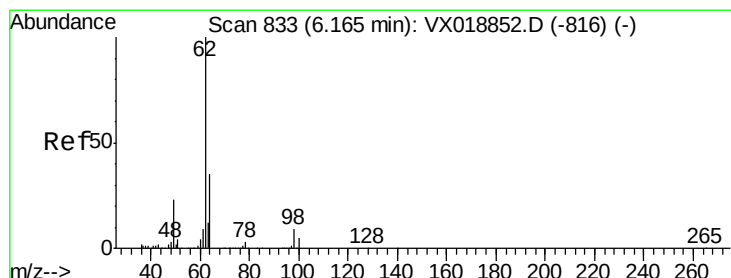
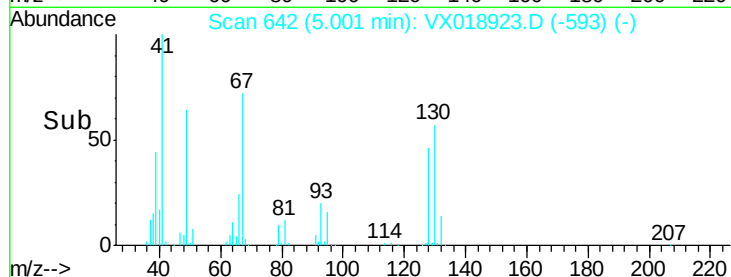
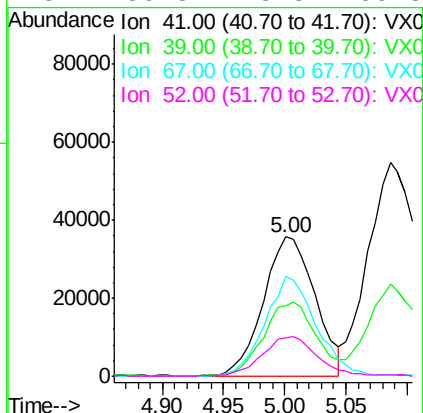
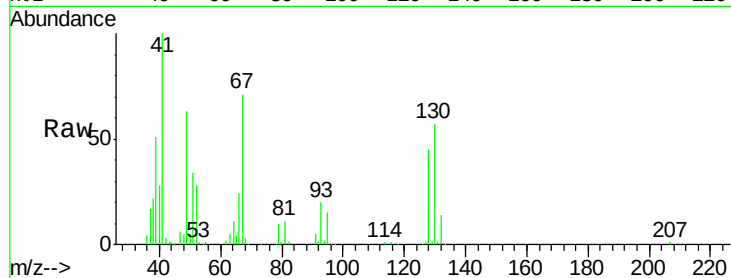
#41
Methacrylonitrile
Concen: 48.294 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		105318		
39	55.8	45.4	68.2		
67	70.4	55.4	83.2		
52	30.3	23.8	35.8		

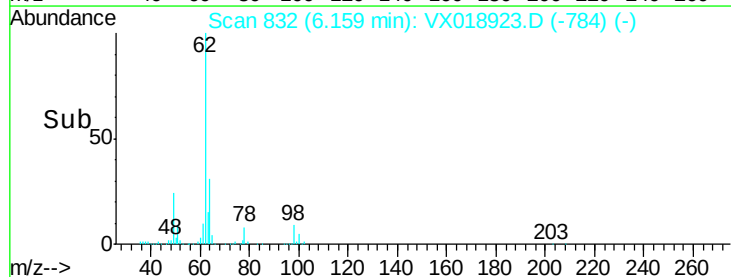
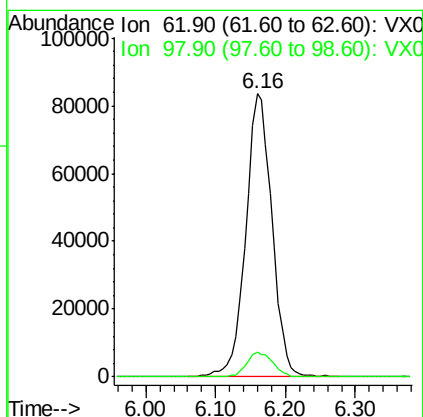
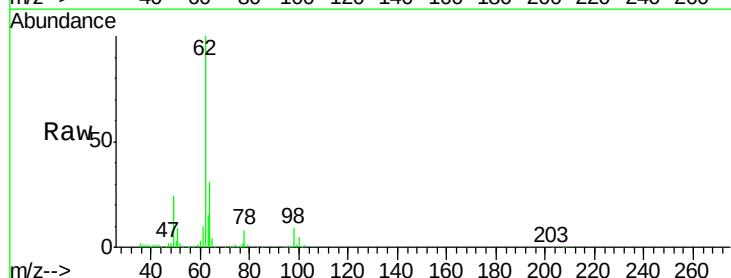
Manual Integrations
APPROVED

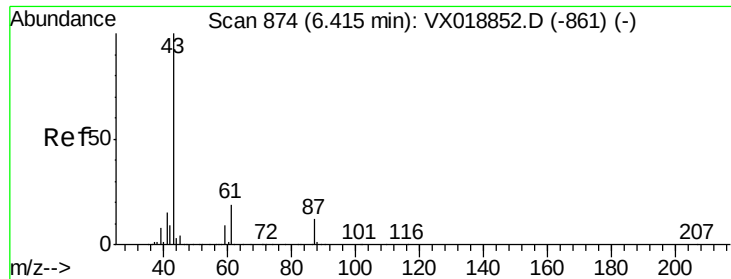
MMDadoda
10/13/2020 2:19:21 PM



#42
1,2-Dichloroethane
Concen: 44.349 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		217451		
98	8.7	0.0	16.4		





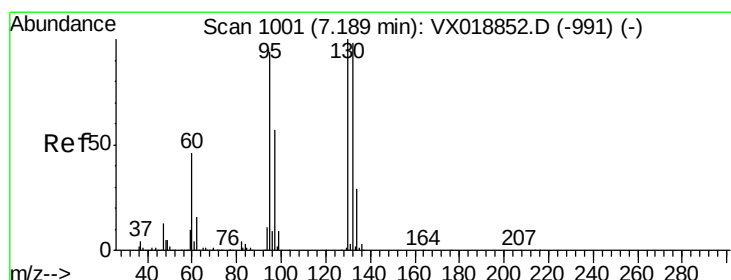
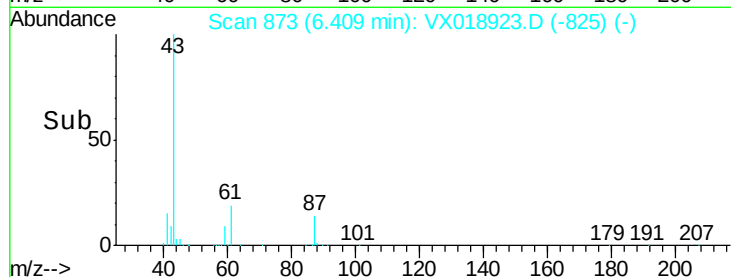
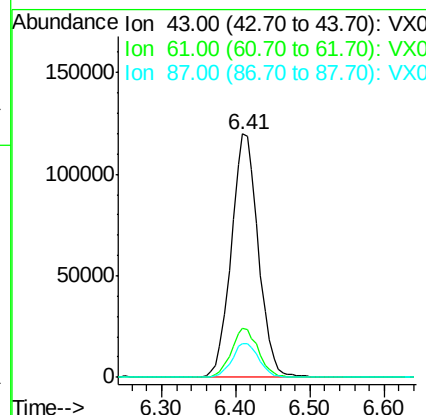
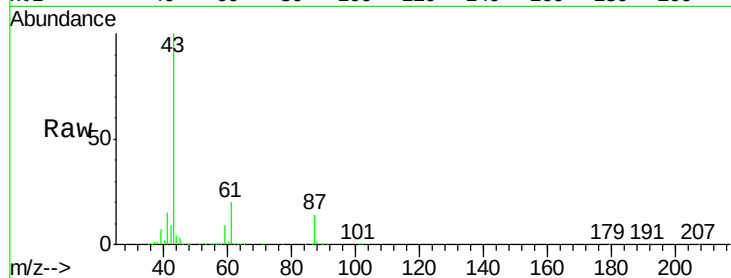
#43
Isopropyl Acetate
Concen: 48.434 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.5	23.3
87	14.0	10.8	16.2

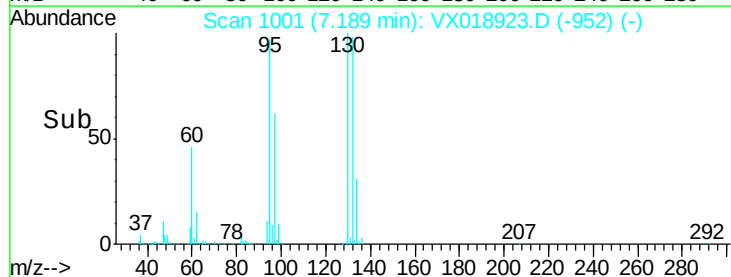
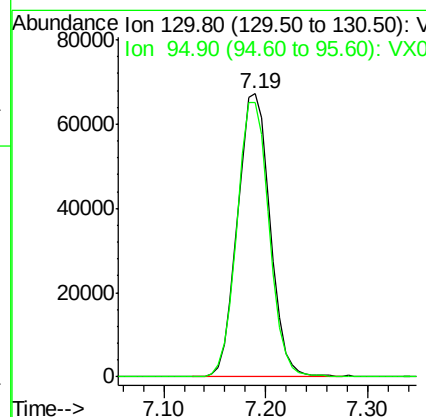
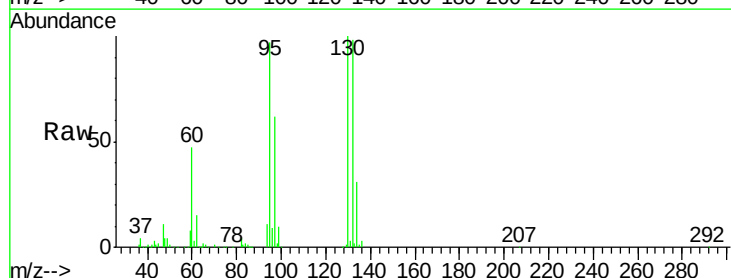
Manual Integrations
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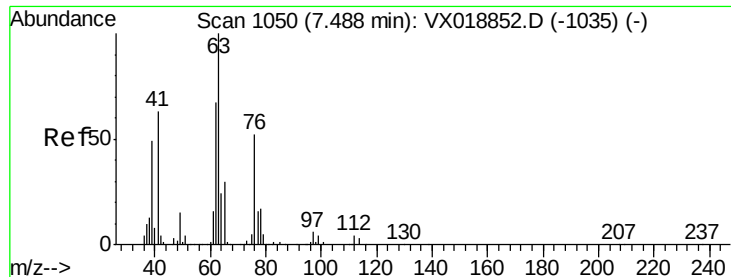
MMDadoda
10/13/2020 2:19:21 PM



#44
Trichloroethene
Concen: 47.195 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	188.4





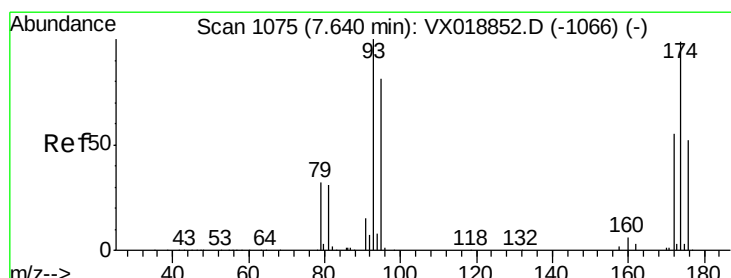
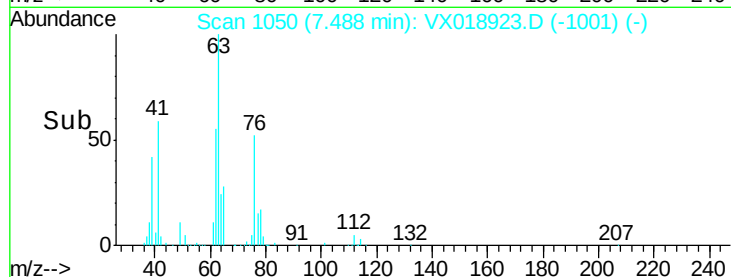
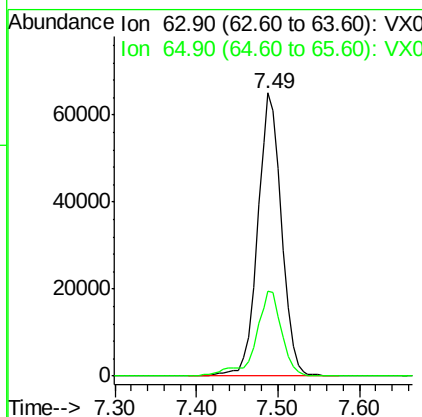
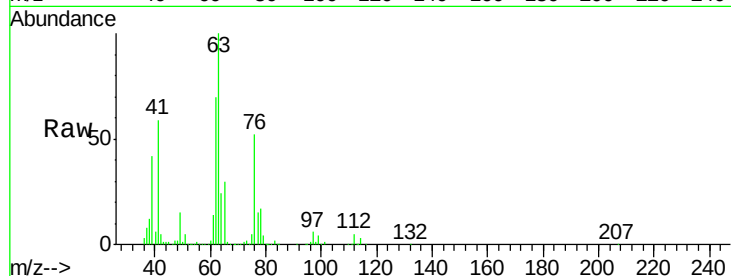
#45
 1,2-Dichloropropane
 Concen: 48.092 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 133086
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.2 36.4

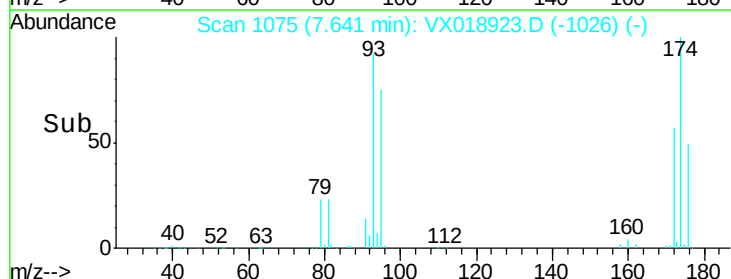
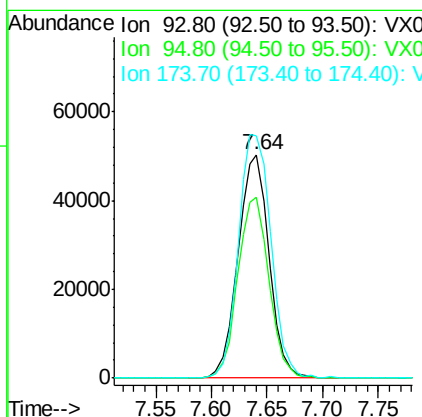
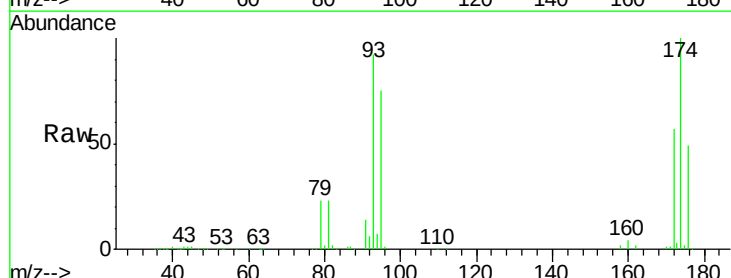
Manual Integrations
 APPROVED

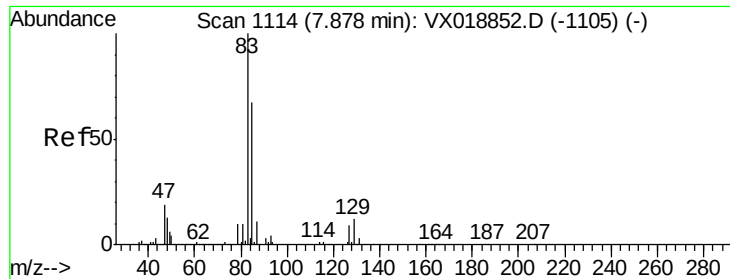
MMDadoda
 10/13/2020 2:19:21 PM



#46
 Dibromomethane
 Concen: 47.499 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion: 93 Resp: 97138
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.1 99.1
 174 114.7 84.6 127.0





#47

Bromodichloromethane

Concen: 46.949 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

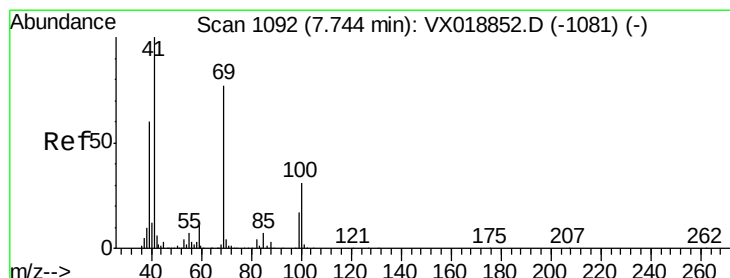
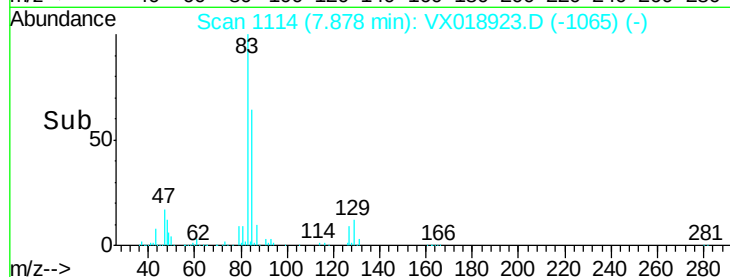
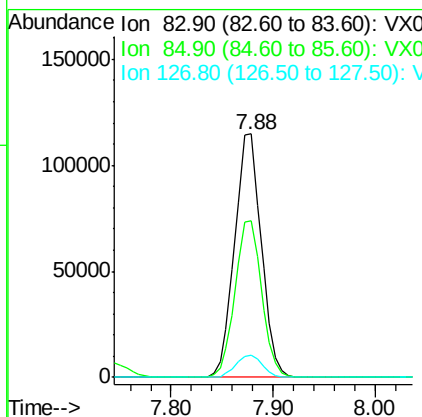
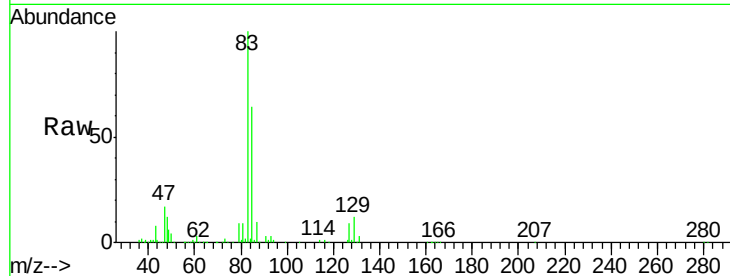
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	208061
Ion Ratio	Lower	Upper	
83	100		
85	64.1	53.8	80.6
127	9.1	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.495 ug/l

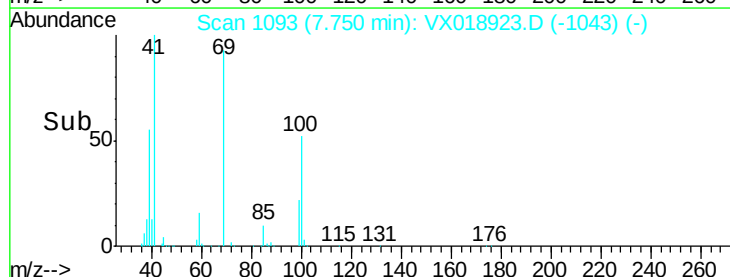
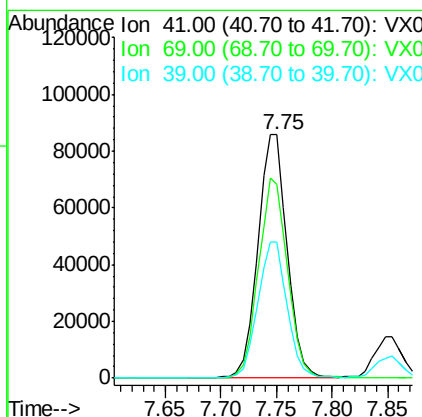
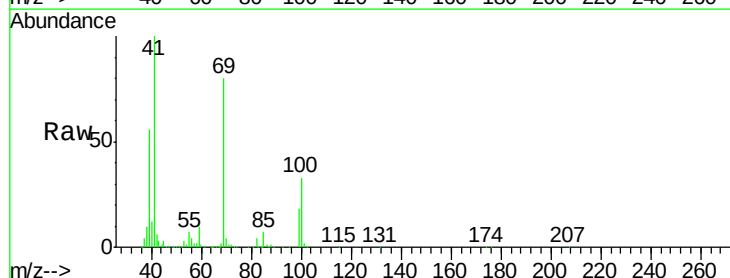
RT: 7.75 min Scan# 1093

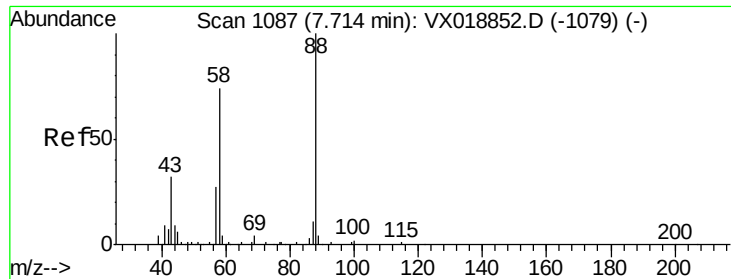
Delta R.T. 0.01 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Tgt Ion:	41	Resp:	156902
Ion Ratio	Lower	Upper	
41	100		
69	82.1	64.6	97.0
39	56.2	48.6	73.0





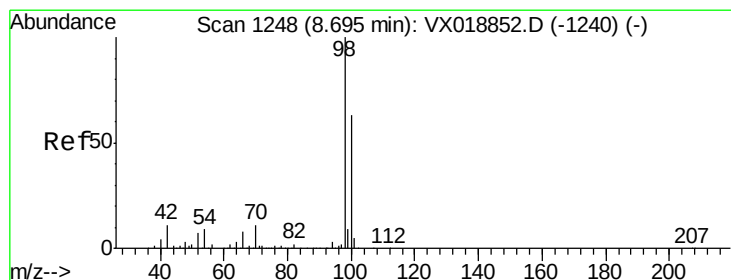
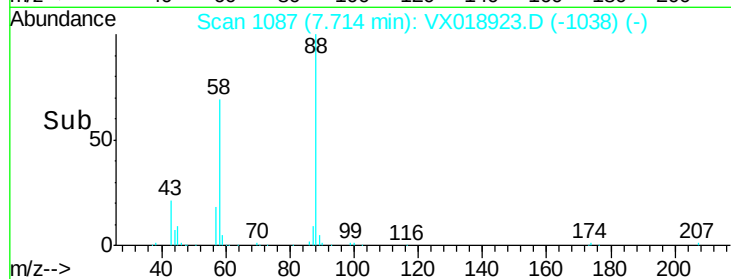
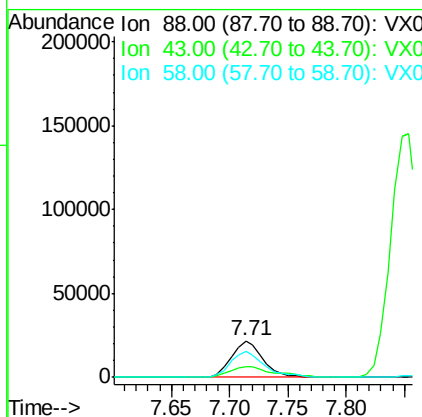
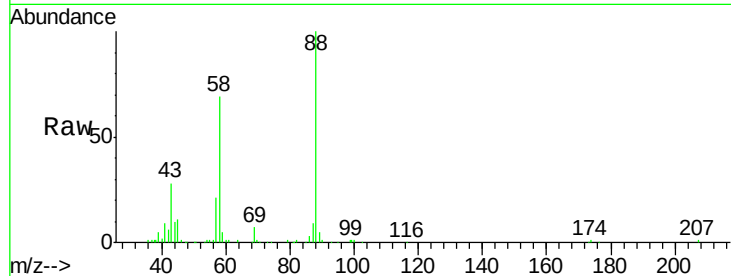
#49
1,4-Dioxane
Concen: 905.066 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.5	31.0	46.6
58	77.7	59.3	88.9

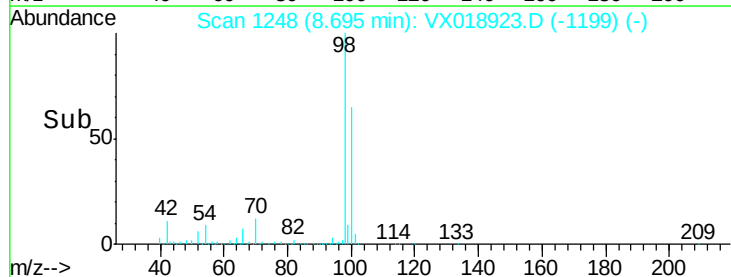
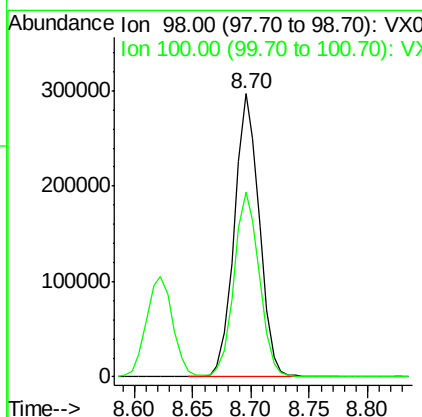
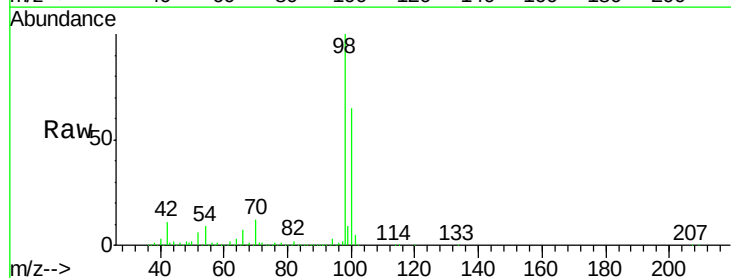
Manual Integrations
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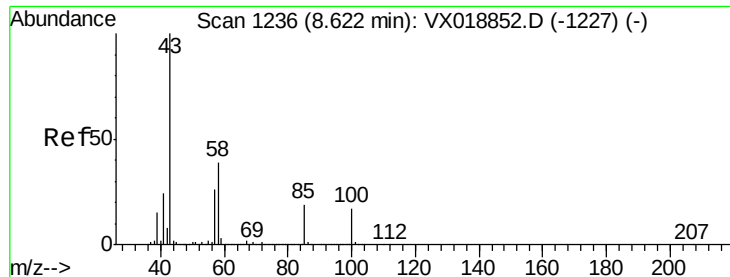
MMDadoda
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#50
Toluene-d8
Concen: 48.413 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7





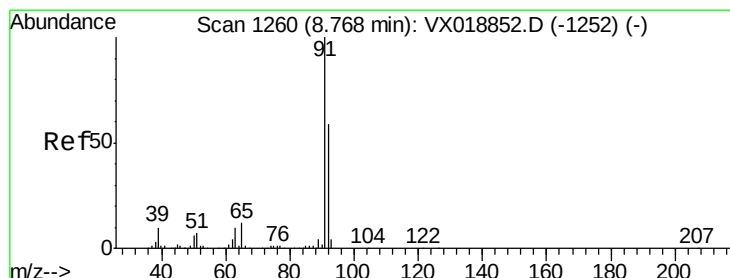
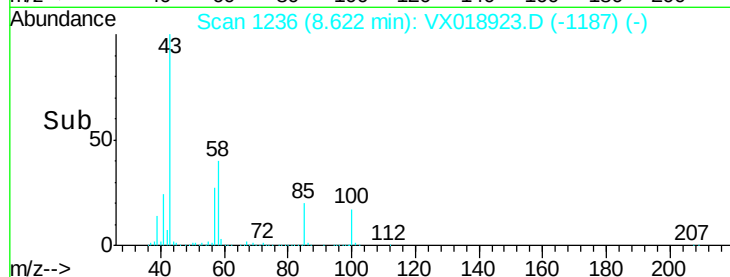
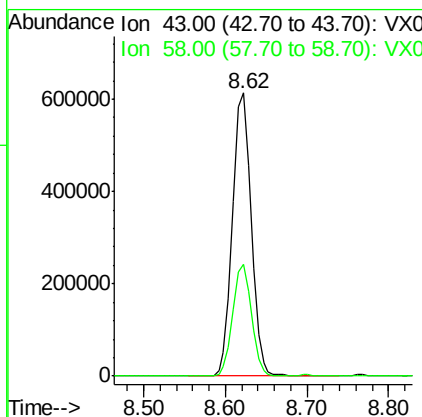
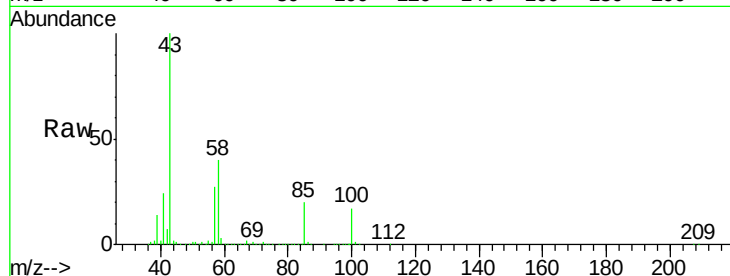
#51
 4-Methyl-2-Pentanone
 Concen: 265.617 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	30.9	46.3

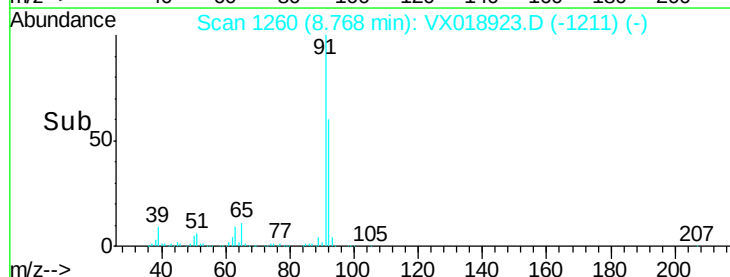
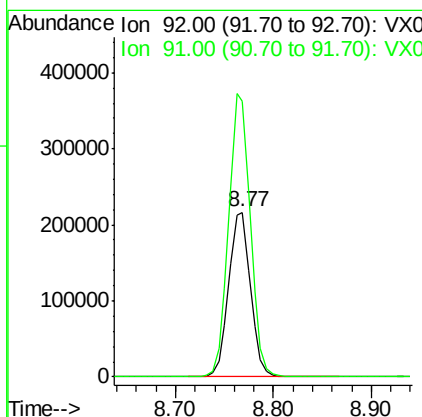
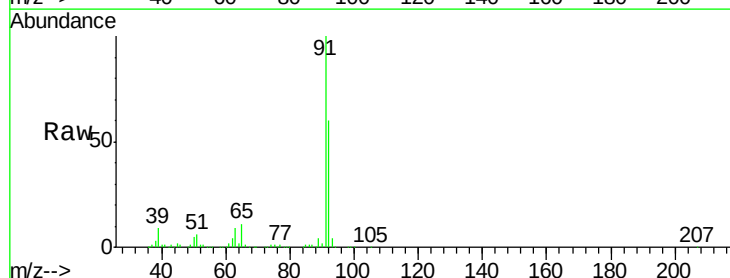
Manual Integrations
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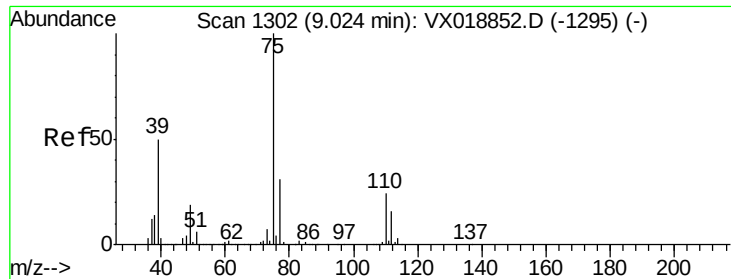
MMDadoda
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#52
 Toluene
 Concen: 50.027 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.5	138.2	207.4





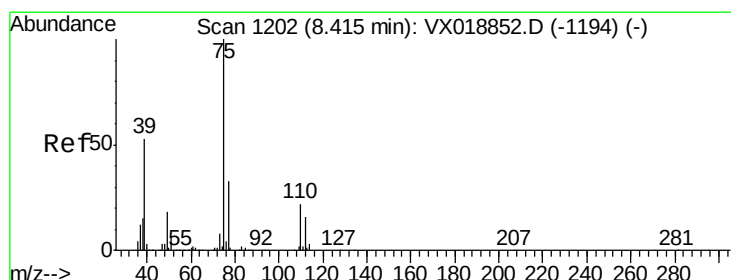
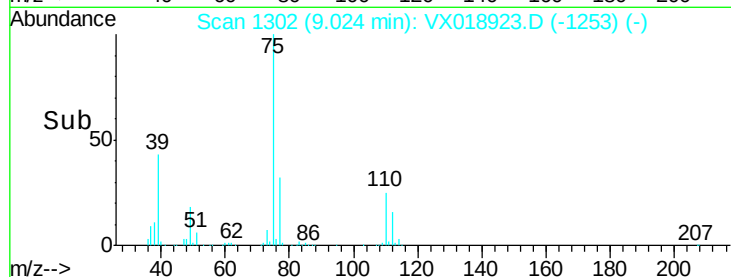
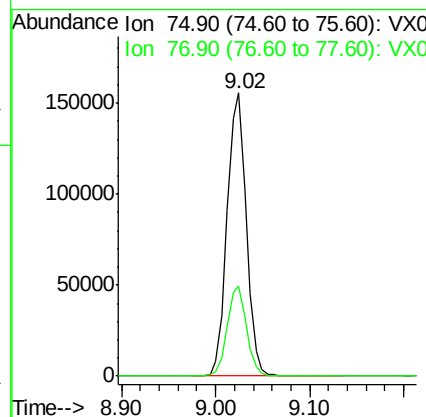
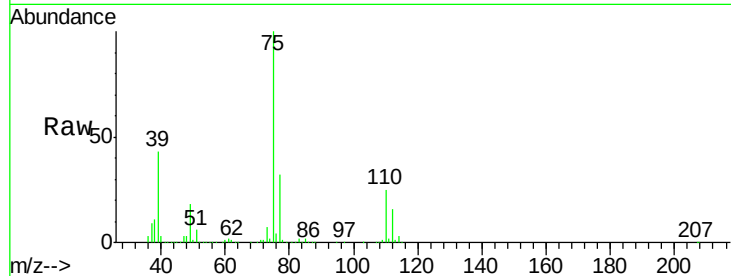
#53
t-1,3-Dichloropropene
Concen: 47.981 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.1	37.7

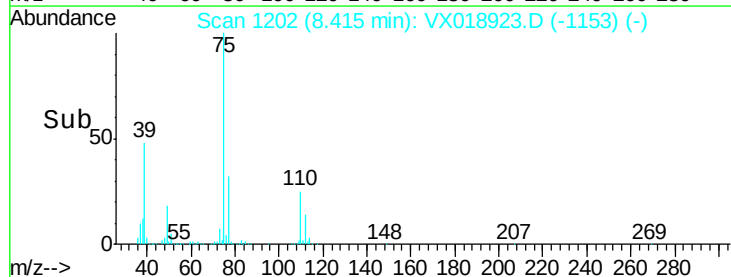
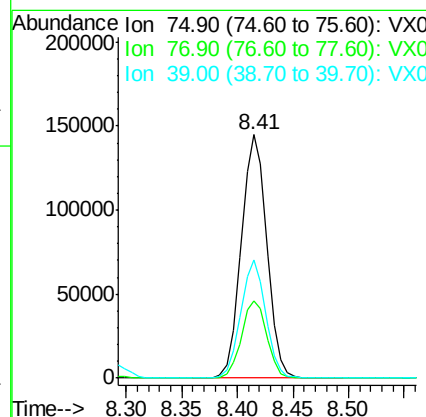
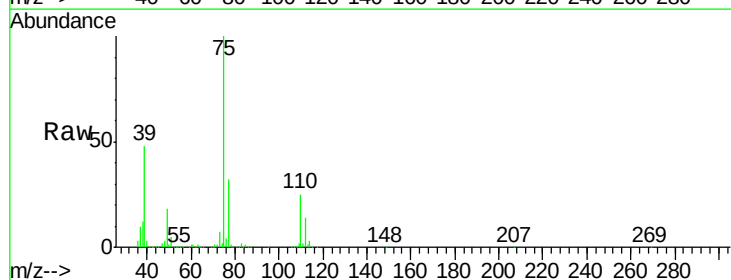
Manual Integrations
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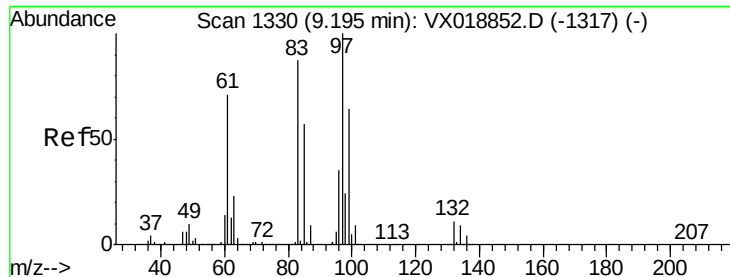
MMDadoda
10/13/2020 2:19:21 PM



#54
cis-1,3-Dichloropropene
Concen: 48.618 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.6	39.8
39	48.3	42.6	64.0





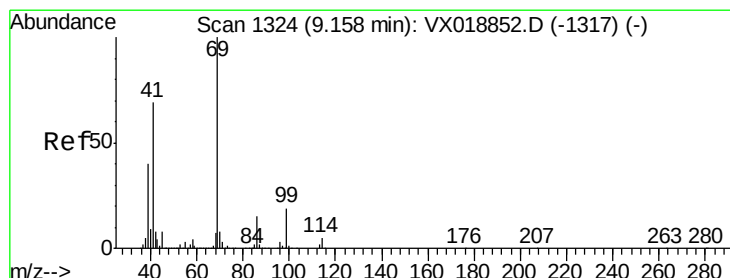
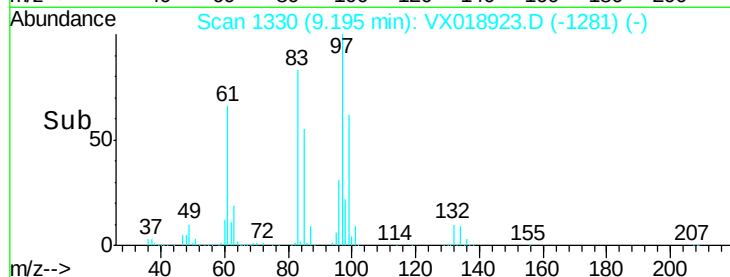
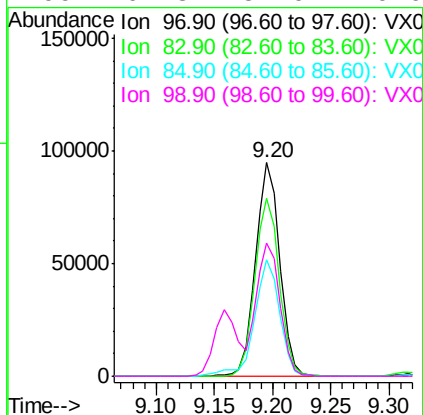
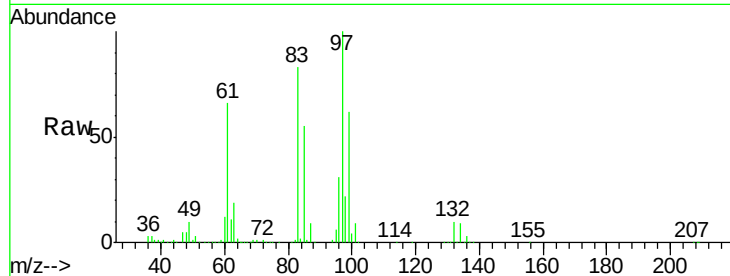
#55
 1,1,2-Trichloroethane
 Concen: 47.826 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.3	103.9
85	54.8	45.3	67.9
99	62.3	51.0	76.6

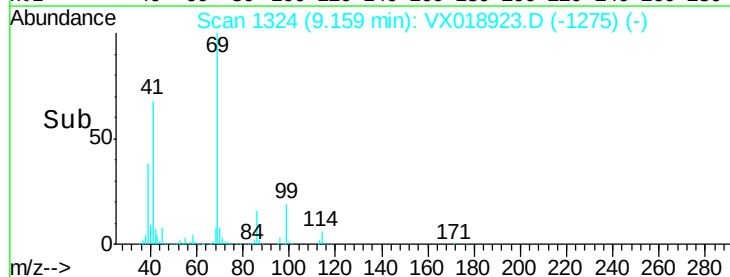
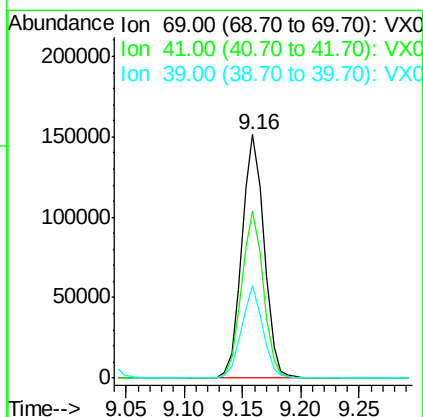
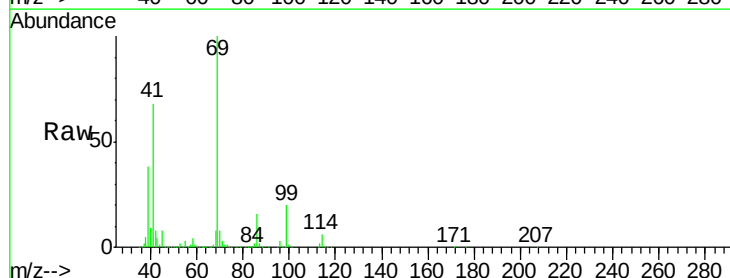
Manual Integrations
 APPROVED

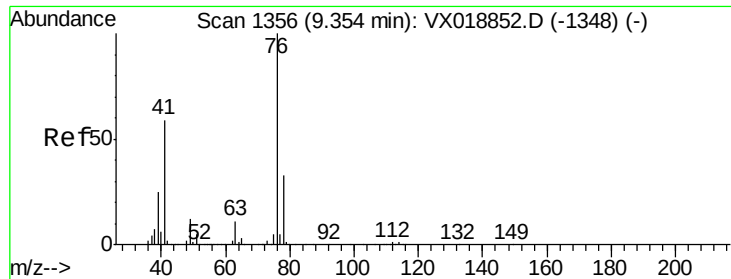
MMDadoda
 10/13/2020 2:19:21 PM



#56
 Ethyl methacrylate
 Concen: 48.446 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.9	54.6	81.8
39	36.0	31.5	47.3





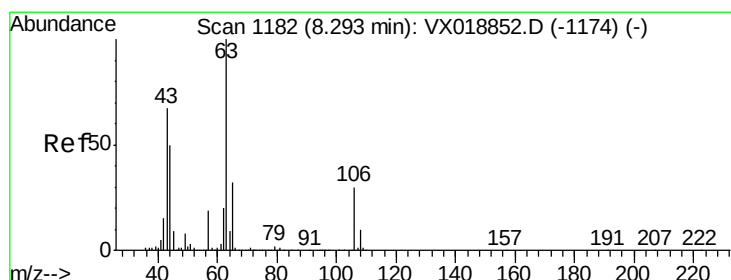
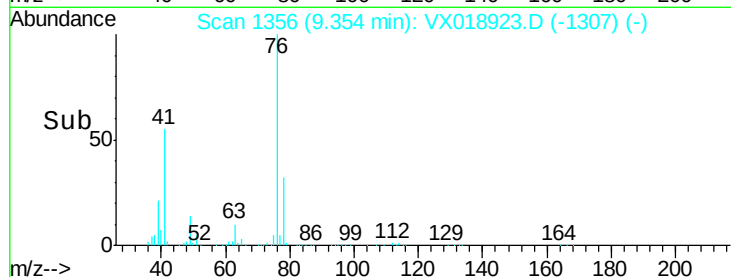
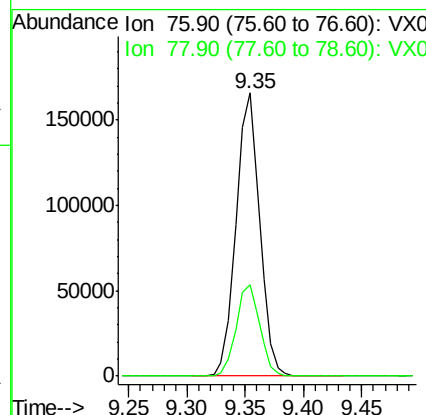
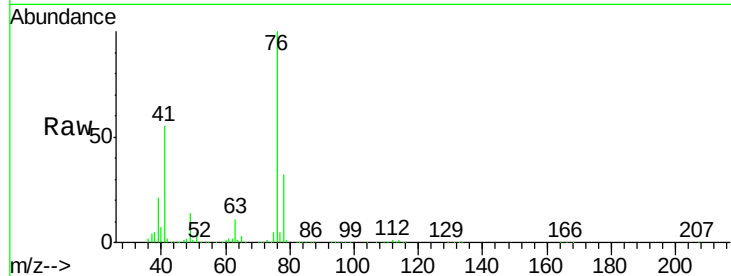
#57
 1,3-Dichloropropane
 Concen: 50.296 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.2

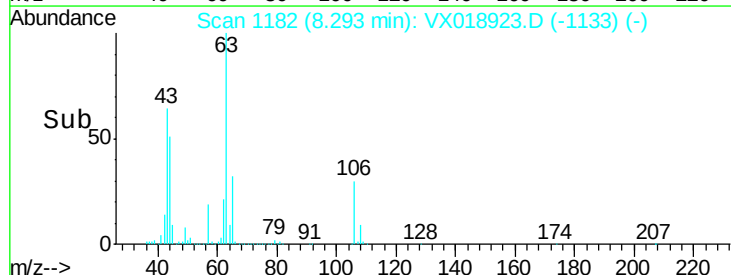
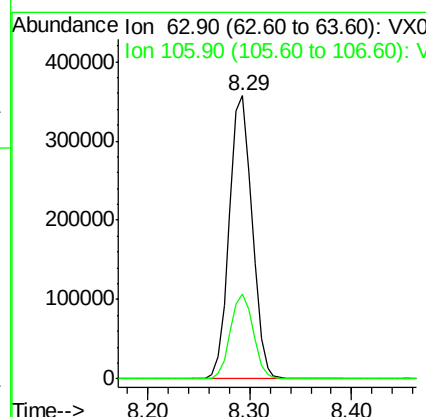
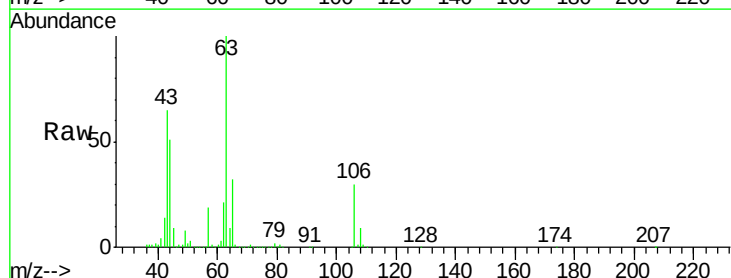
Manual Integrations
 APPROVED

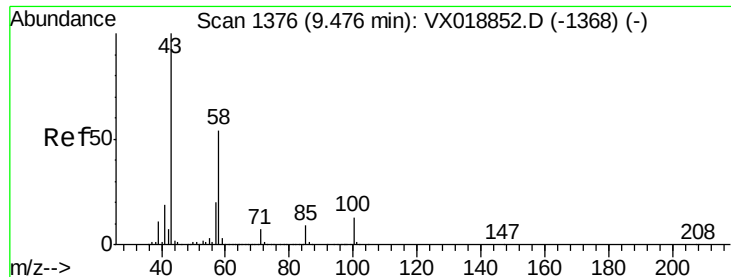
MMDadoda
 10/13/2020 2:19:21 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.737 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	24.2	36.4





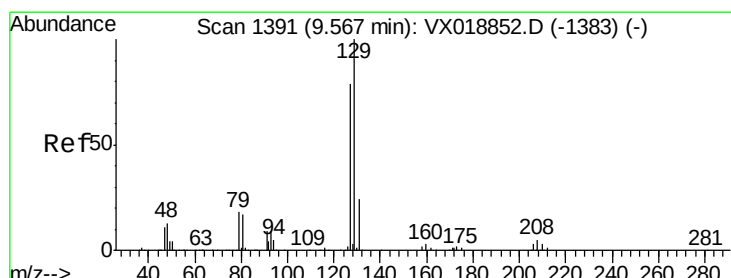
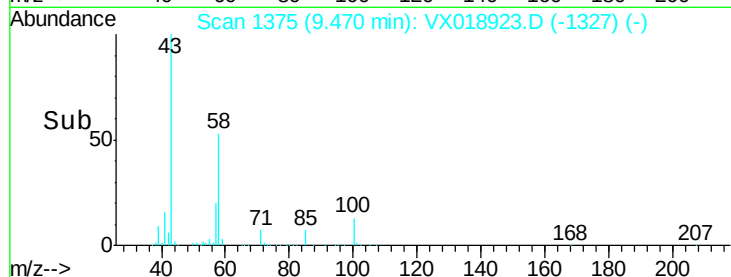
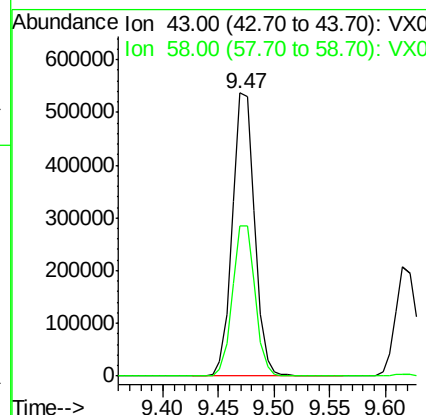
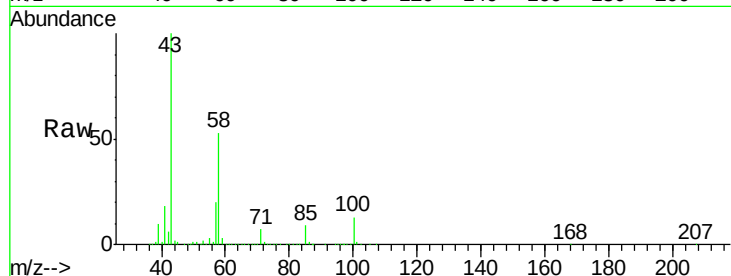
#59
2-Hexanone
Concen: 266.912 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 741519
Ion Ratio Lower Upper
43 100
58 54.1 26.7 80.1

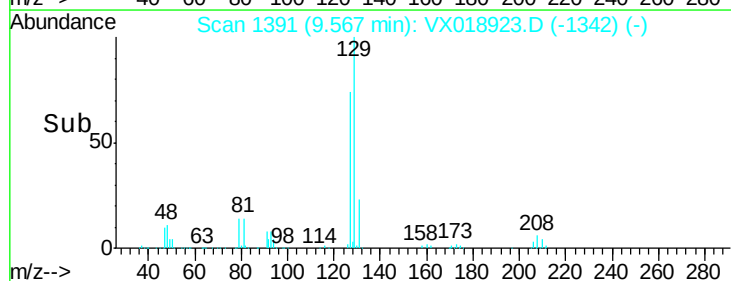
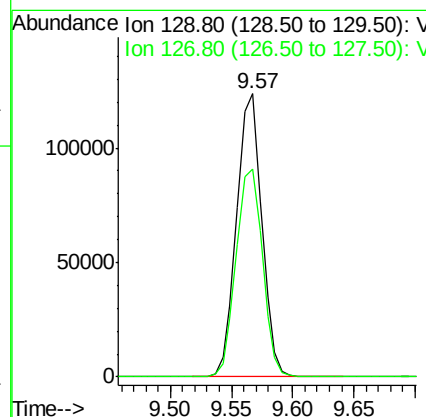
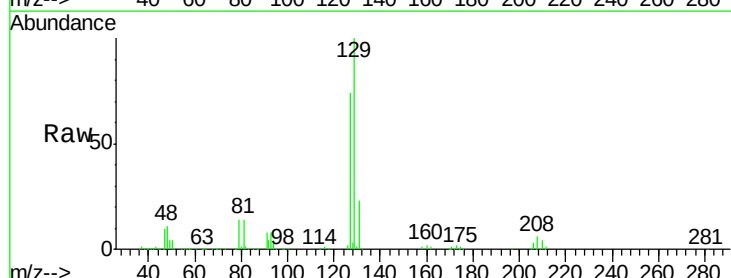
Manual Integrations
APPROVED

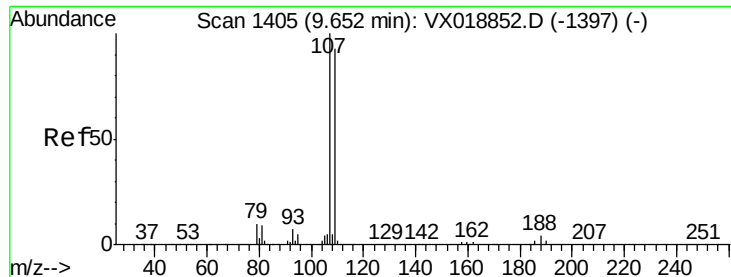
MMDadoda
10/13/2020 2:19:21 PM



#60
Dibromochloromethane
Concen: 48.672 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion: 129 Resp: 176140
Ion Ratio Lower Upper
129 100
127 77.1 39.5 118.5





#61

1,2-Dibromoethane

Concen: 48.962 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 151370

Ion Ratio Lower Upper

107 100

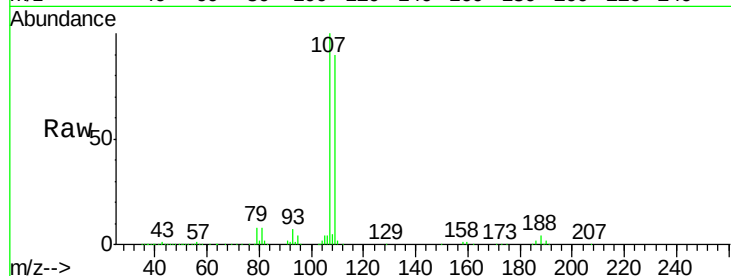
109 93.1 75.2 112.8

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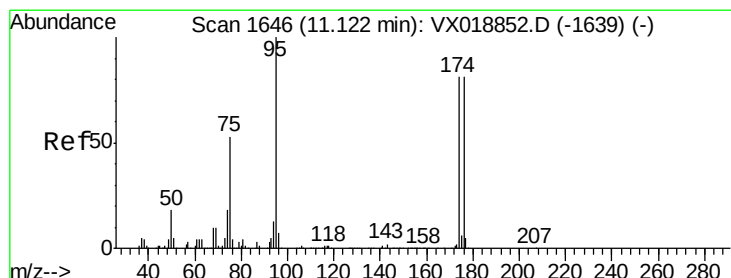
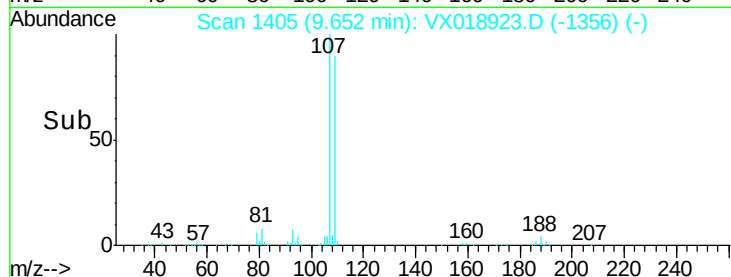
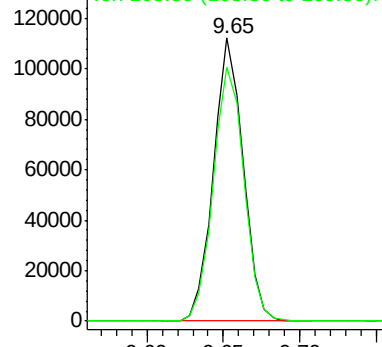
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.402 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

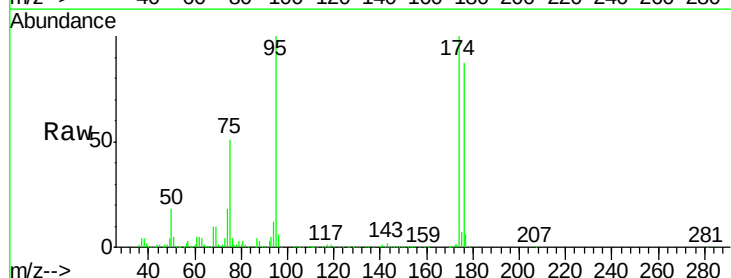
Tgt Ion: 95 Resp: 176565

Ion Ratio Lower Upper

95 100

174 91.9 0.0 160.0

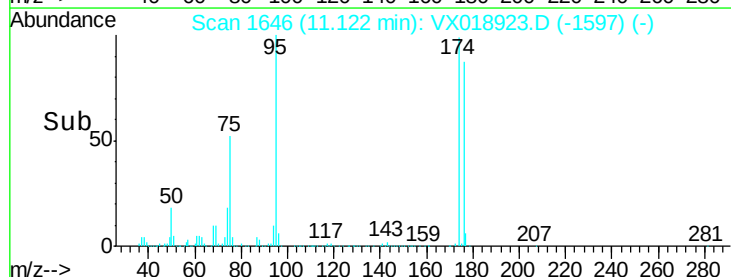
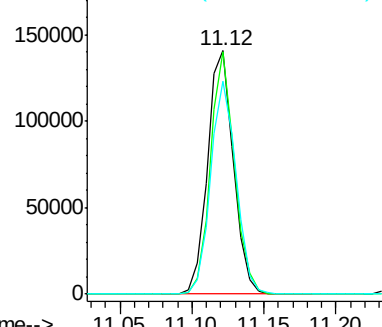
176 85.8 0.0 161.2

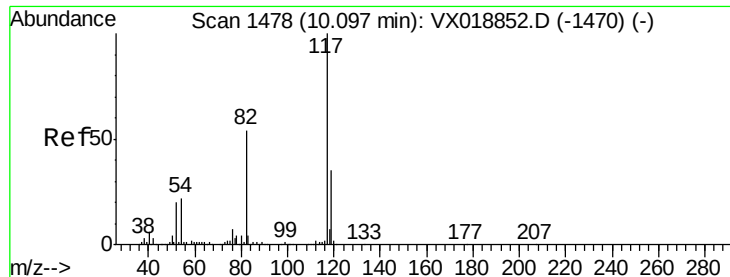


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





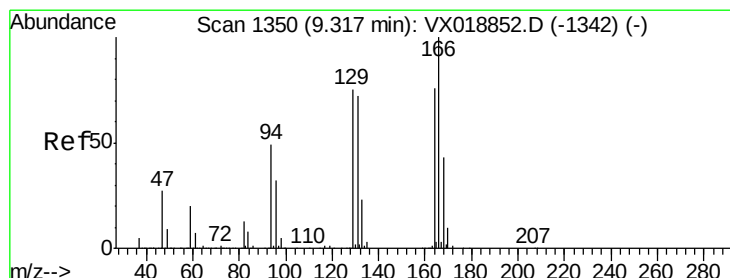
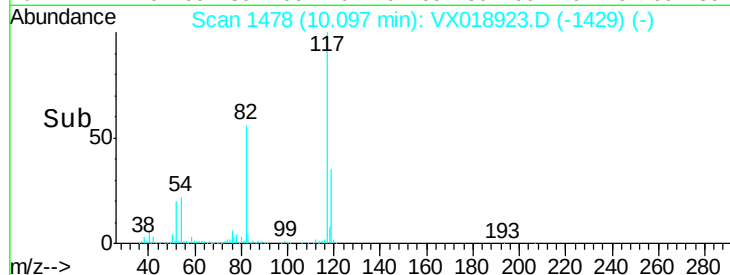
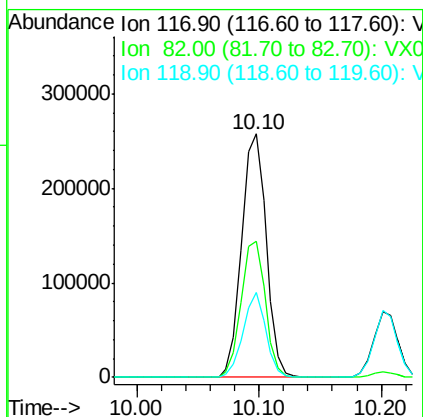
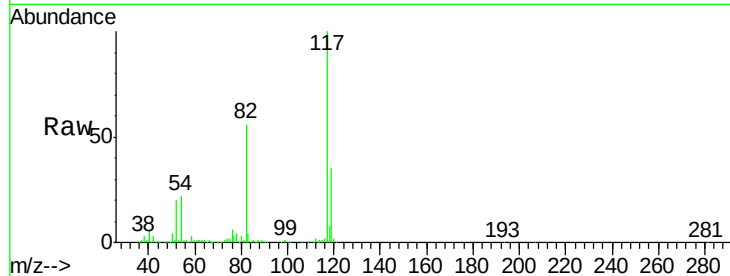
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	359345		
82	56.0		43.4	65.2
119	34.9		28.3	42.5

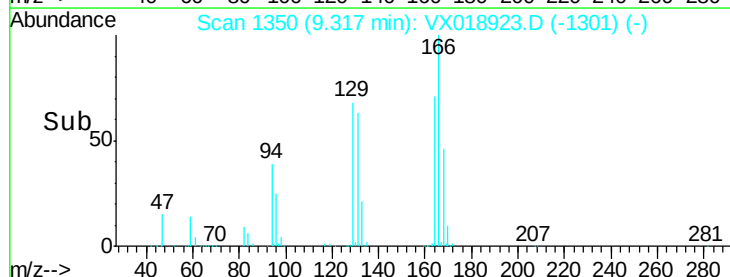
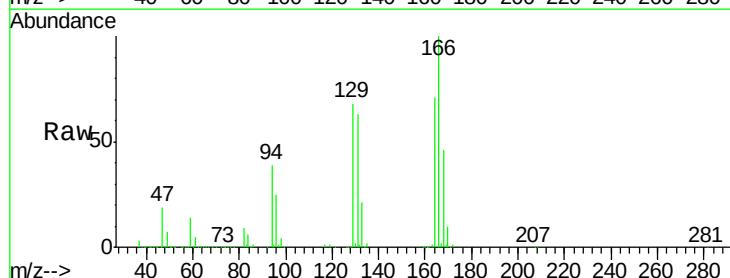
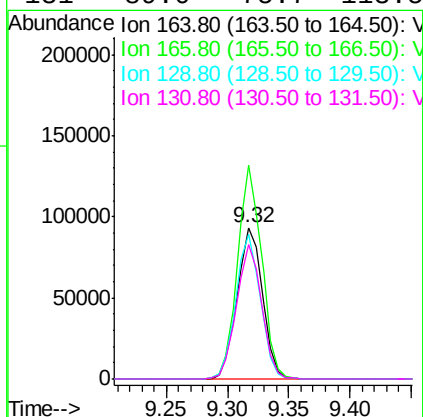
Manual Integrations
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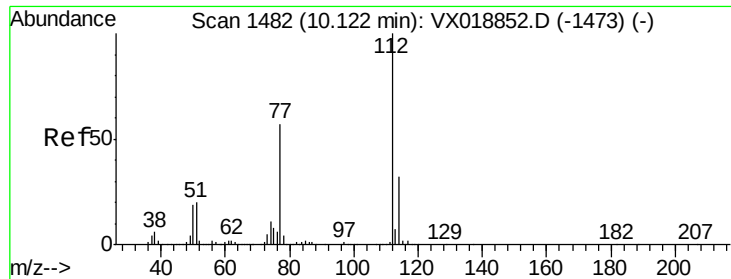
MMDadoda
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#64
Tetrachloroethene
Concen: 50.801 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	133243		
166	141.4		105.4	158.0
129	95.5		79.0	118.6
131	89.0		75.7	113.5





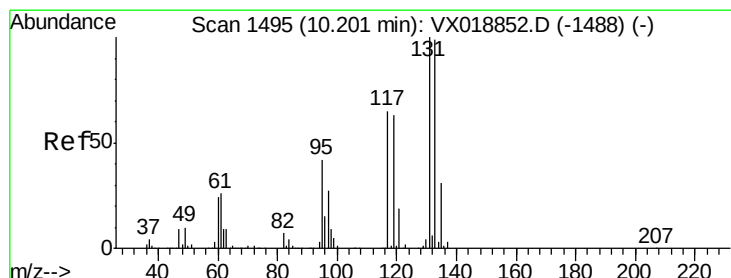
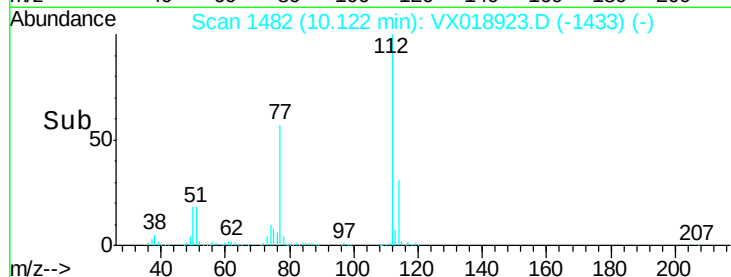
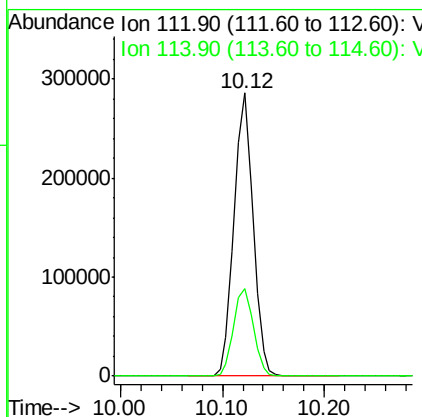
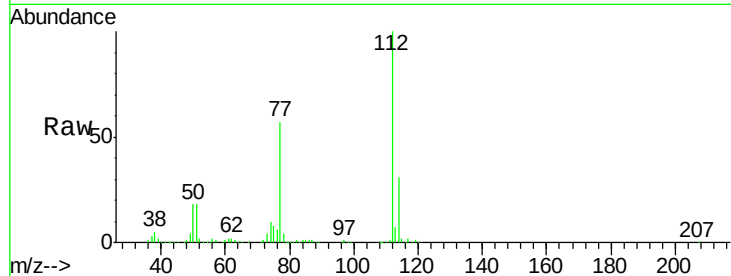
#65
Chlorobenzene
Concen: 47.480 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.7	38.5

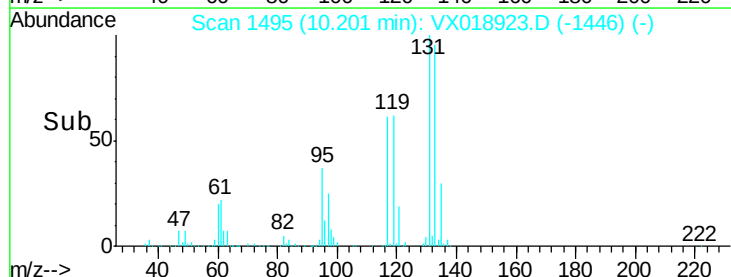
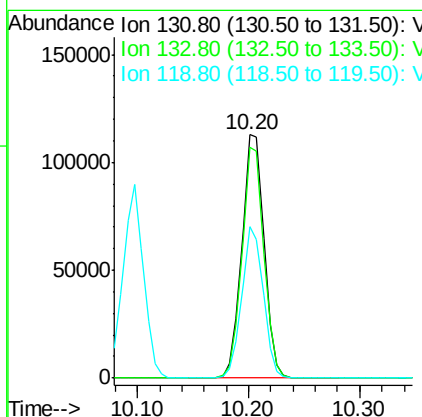
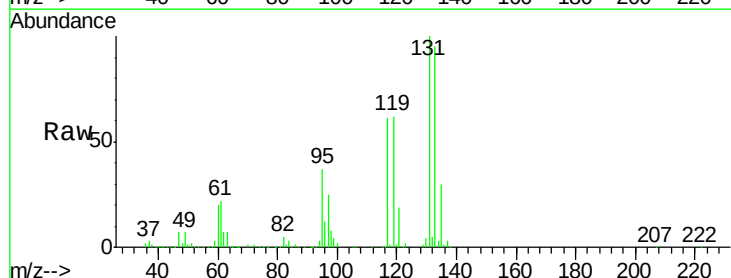
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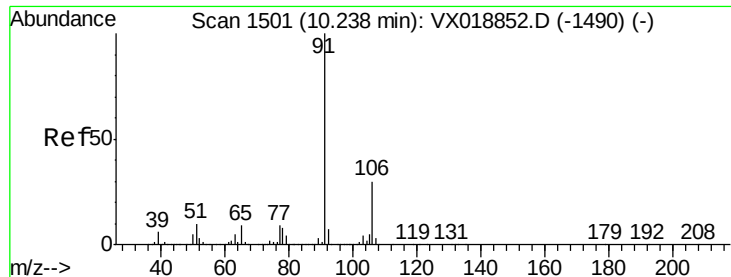
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.726 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.8	48.6	145.8
119	60.4	31.1	93.3





#67

Ethyl Benzene

Concen: 49.991 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 654905

Ion Ratio Lower Upper

91 100

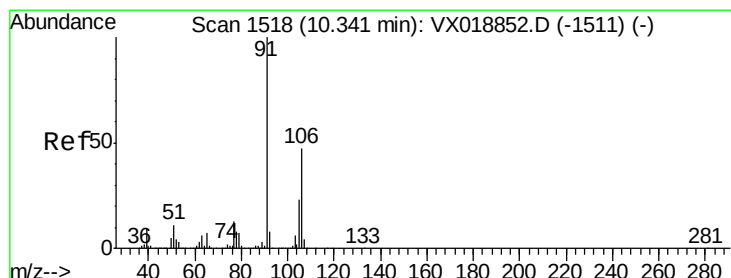
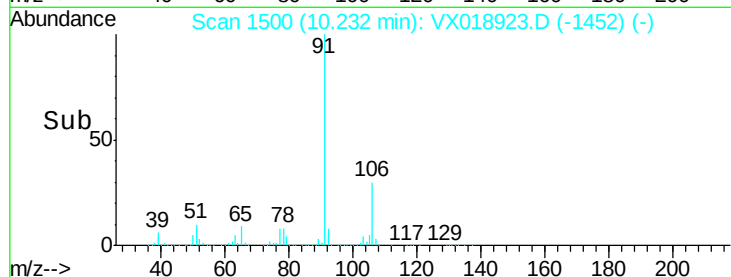
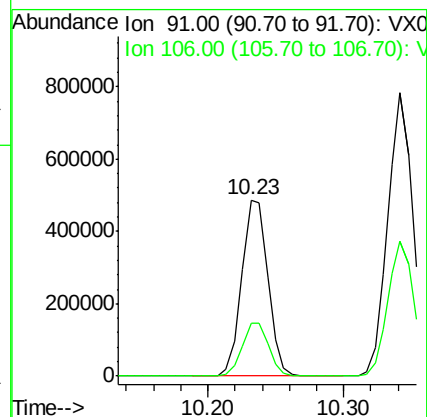
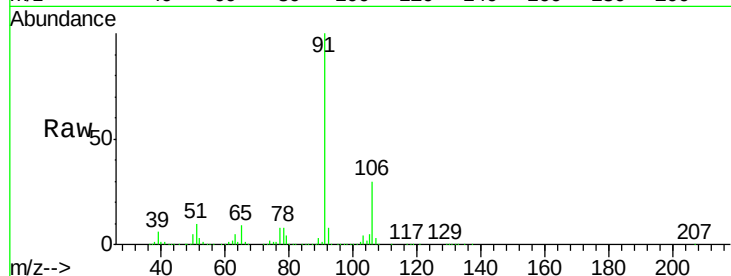
106 29.7 24.0 36.0

Manual Integrations

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10/13/2020 2:19:21 PM



#68

m/p-Xylenes

Concen: 99.570 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018923.D

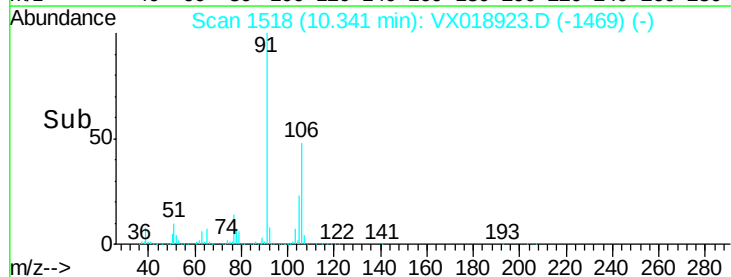
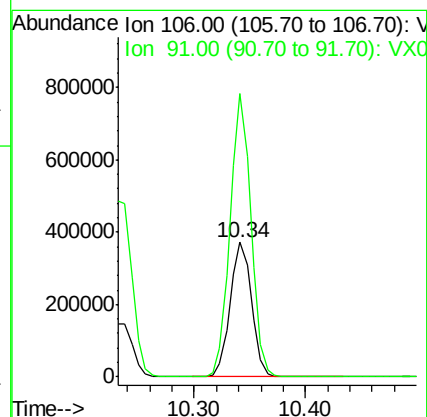
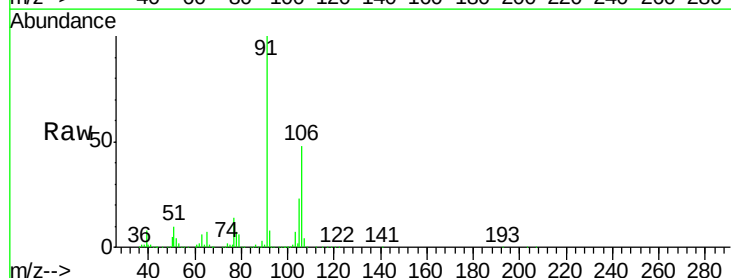
Acq: 12 Oct 2020 22:48

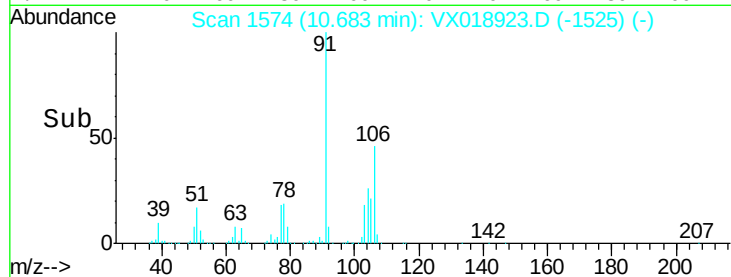
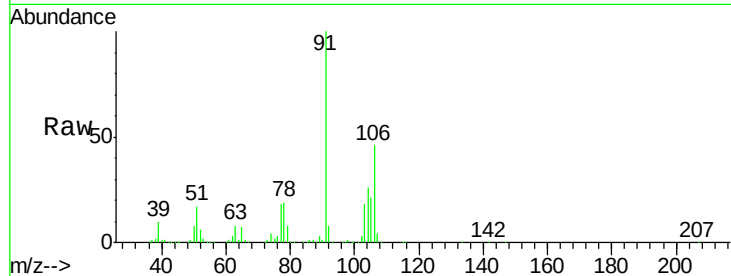
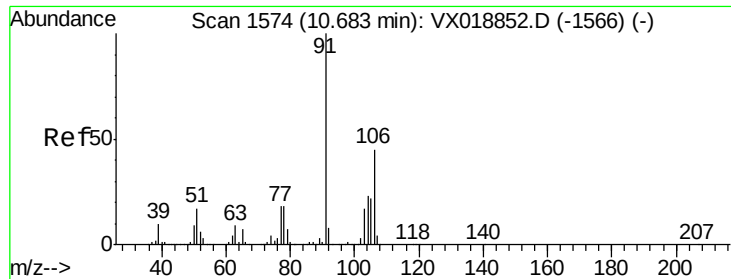
Tgt Ion: 106 Resp: 495580

Ion Ratio Lower Upper

106 100

91 204.7 165.6 248.4





#69

o-Xylene

Concen: 50.479 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Tot Ion:106 Resp: 236712

Ion Ratio Lower Upper

106 100

91 215.3 109.9 329.6

Instrument :

MSVOA_X

ClientSampleId :

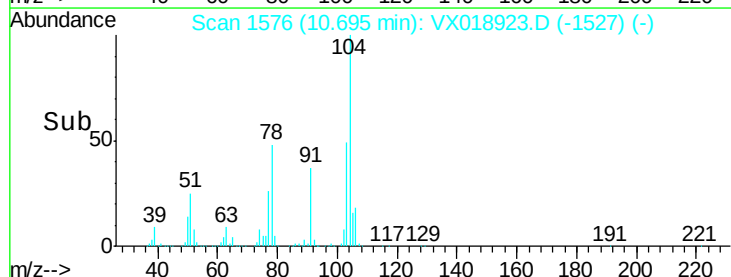
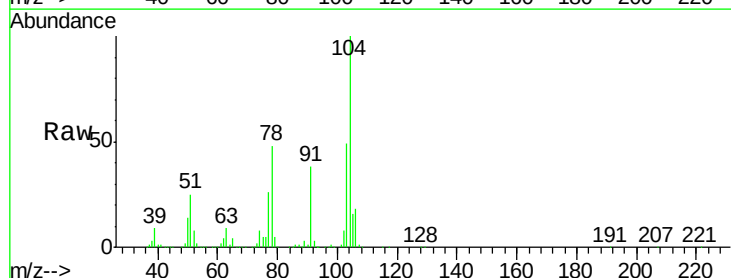
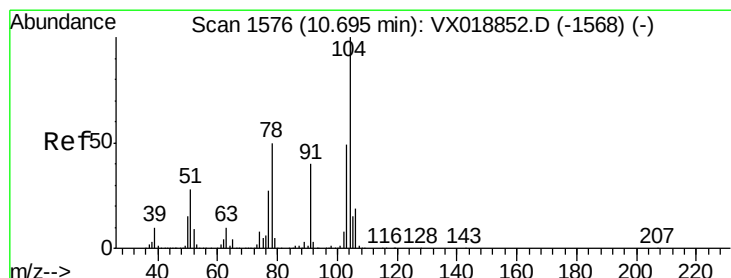
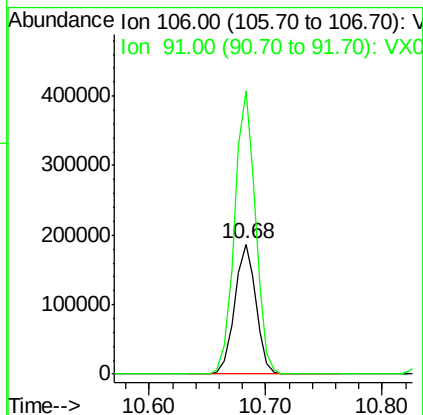
VSTDCCC050EC

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#70

Styrene

Concen: 51.972 ug/l

RT: 10.69 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

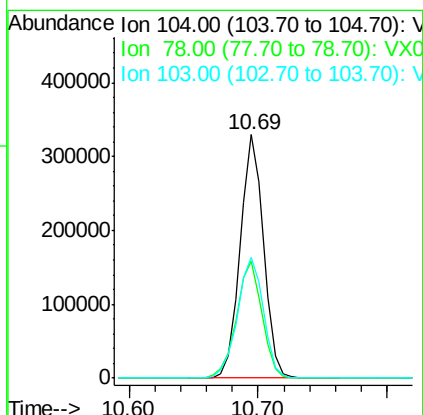
Tgt Ion:104 Resp: 412593

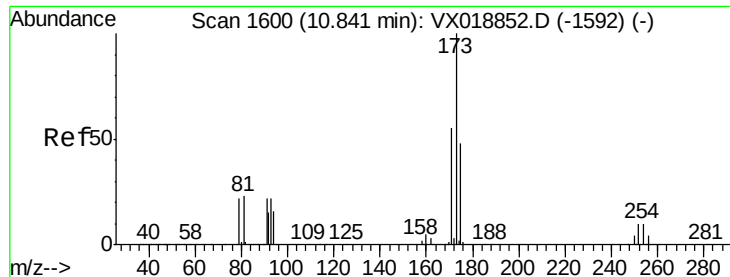
Ion Ratio Lower Upper

104 100

78 52.9 43.5 65.3

103 55.4 43.3 64.9





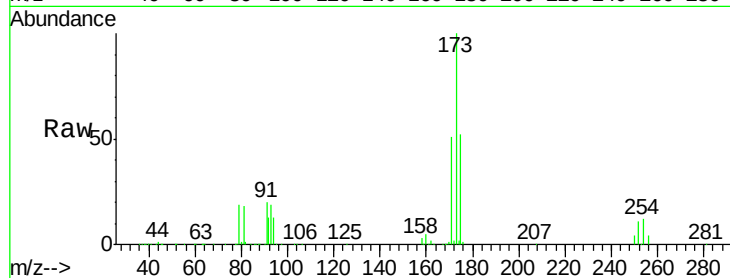
#71
Bromoform
Concen: 50.811 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

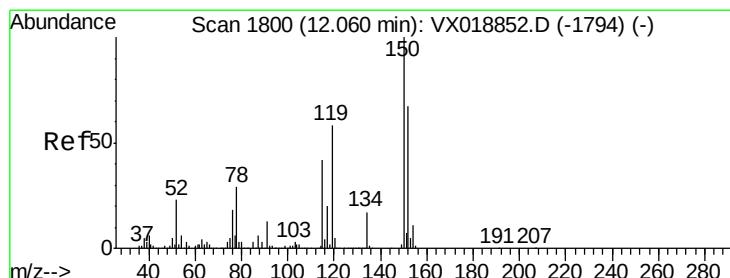
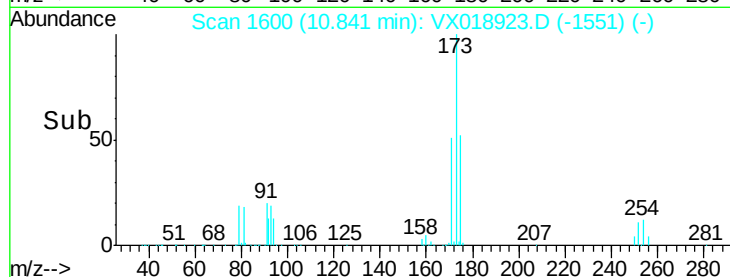
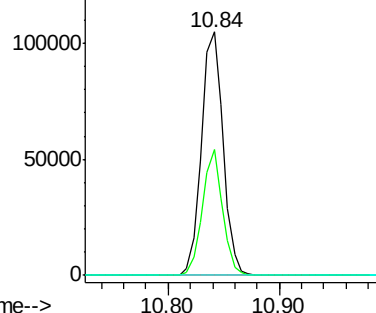
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	23.4	70.0
254	0.1	0.0	0.0

Manual Integrations
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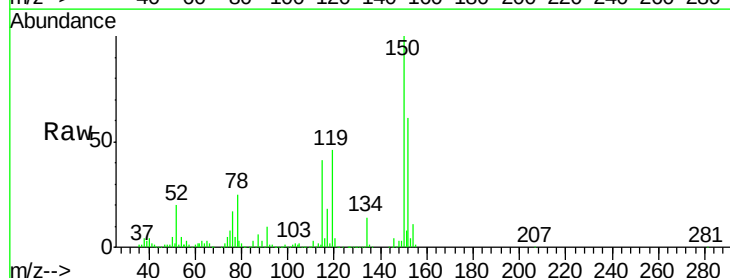


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

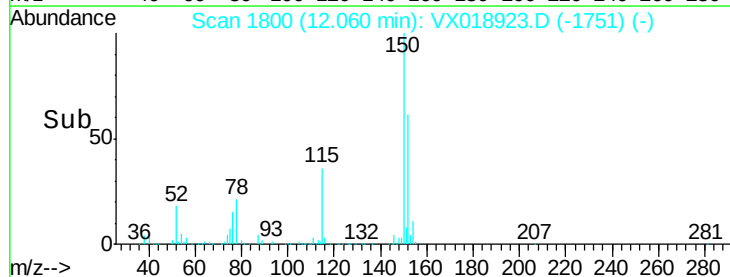
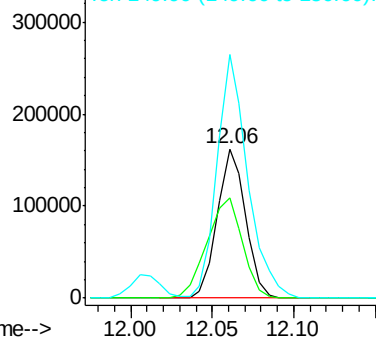


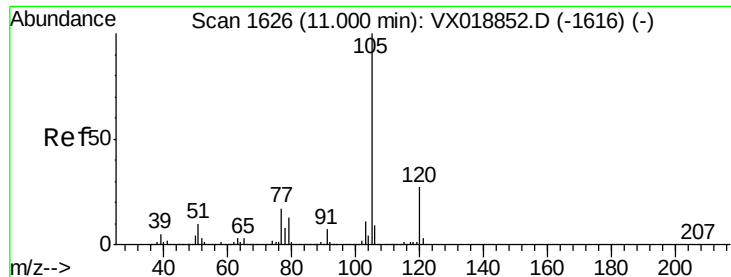
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	84.1	41.8	125.4
150	177.0	0.0	347.6



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: 50.882 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 655761

Ion Ratio Lower Upper

105 100

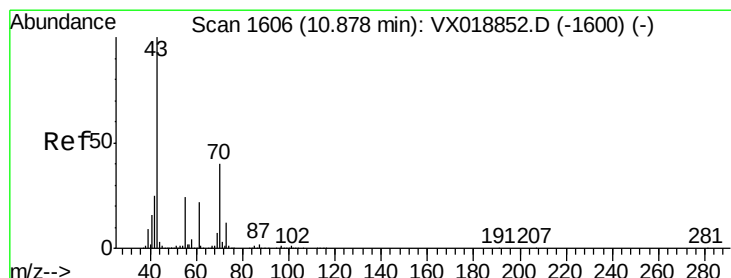
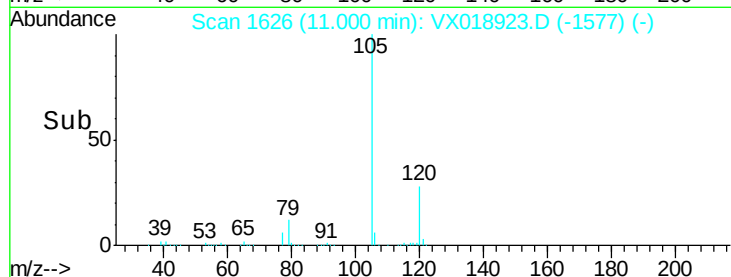
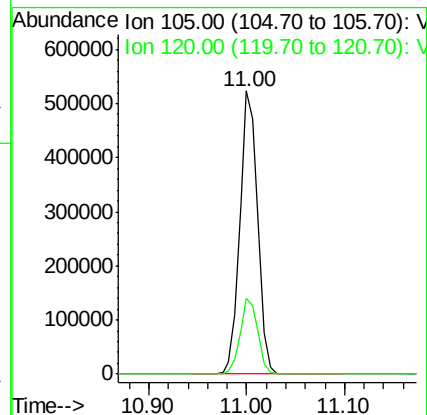
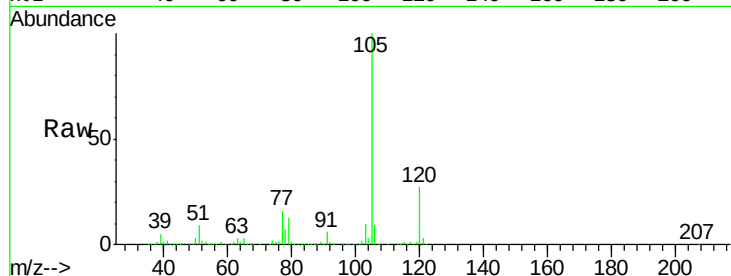
120 26.6 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 53.620 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Tgt Ion: 43 Resp: 273411

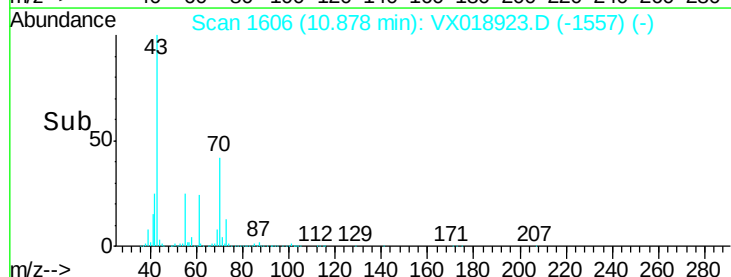
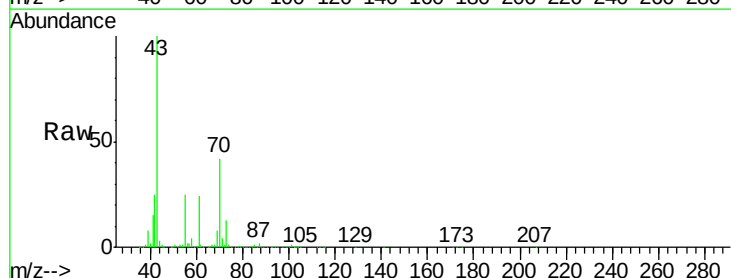
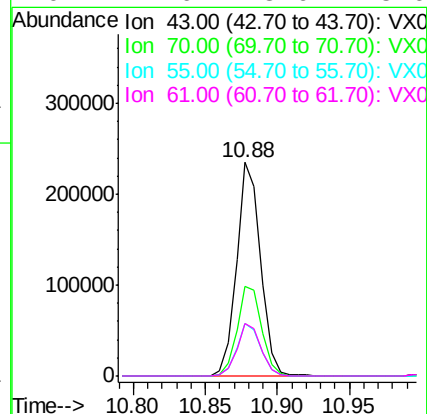
Ion Ratio Lower Upper

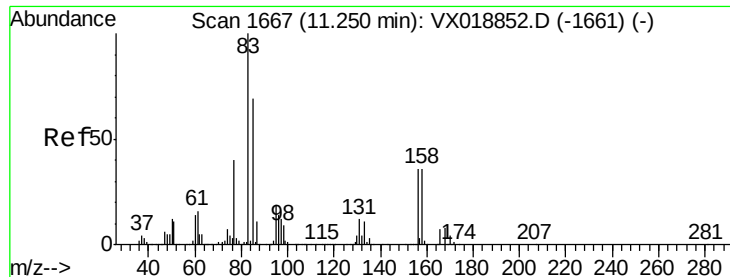
43 100

70 43.2 33.7 50.5

55 24.9 19.8 29.8

61 24.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.808 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 209658
Ion Ratio Lower Upper

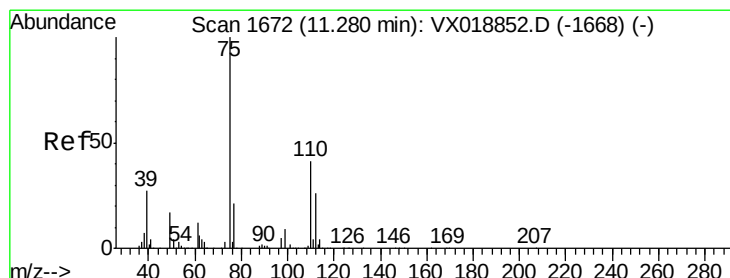
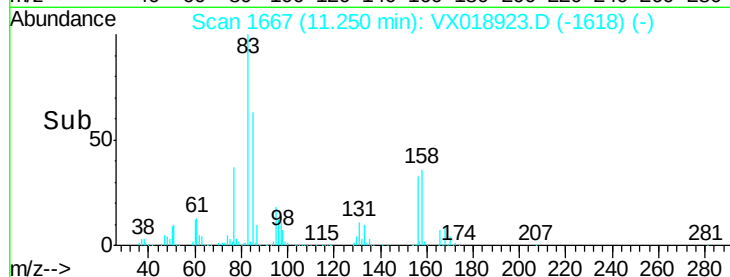
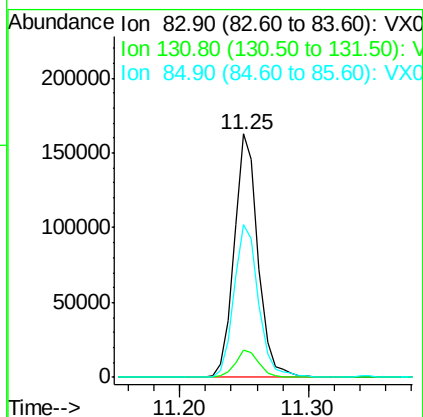
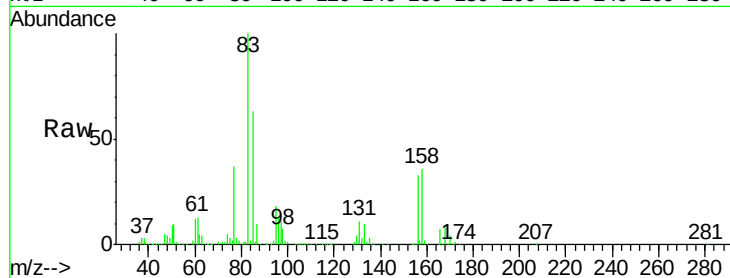
83 100

131 11.2 5.9 17.8

85 64.7 33.0 98.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.227 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

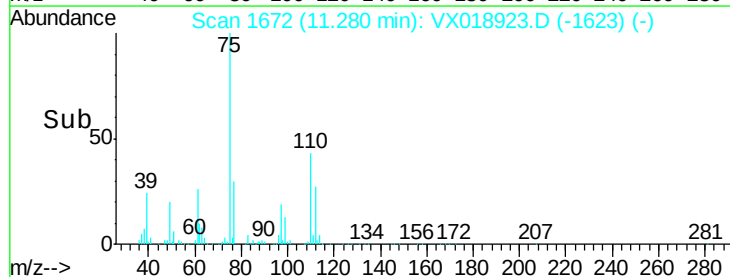
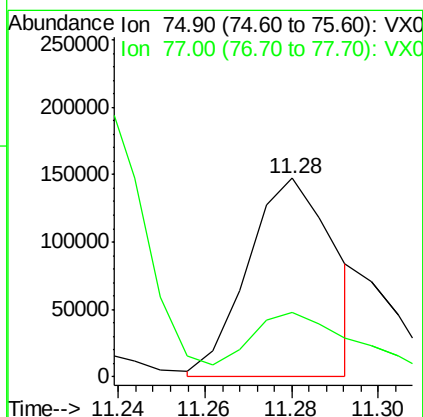
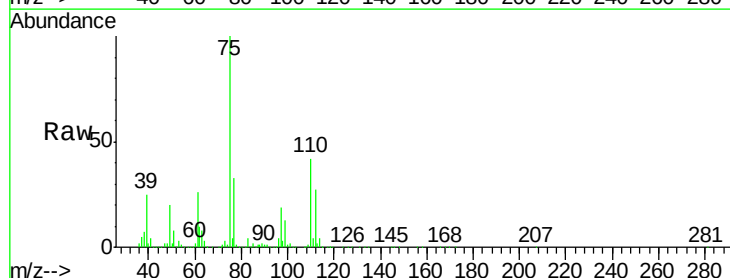
Lab File: VX018923.D

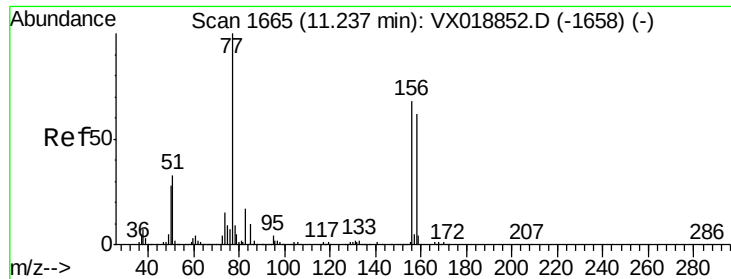
Acq: 12 Oct 2020 22:48

Tgt Ion: 75 Resp: 204729
Ion Ratio Lower Upper

75 100

77 40.1 20.2 60.6





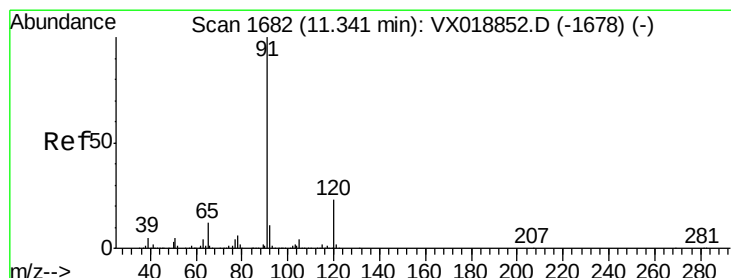
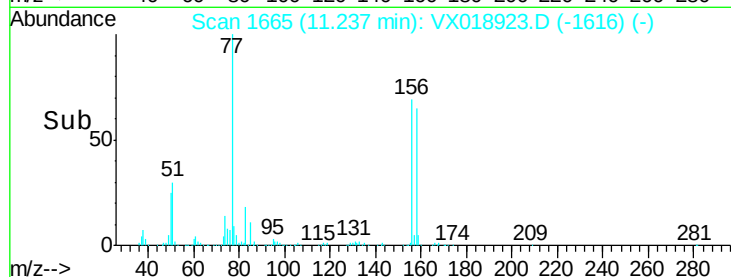
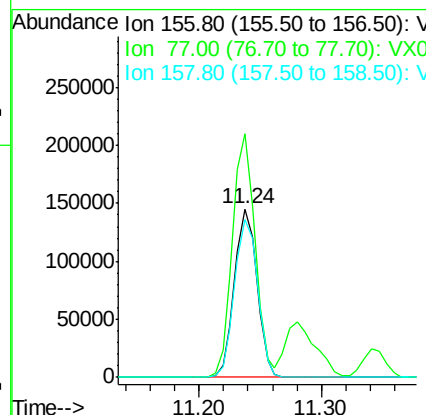
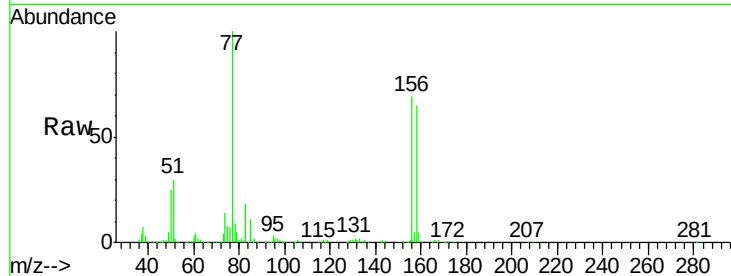
#77
Bromobenzene
Concen: 52.003 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	145.9	76.0	228.1
158	96.6	47.2	141.6

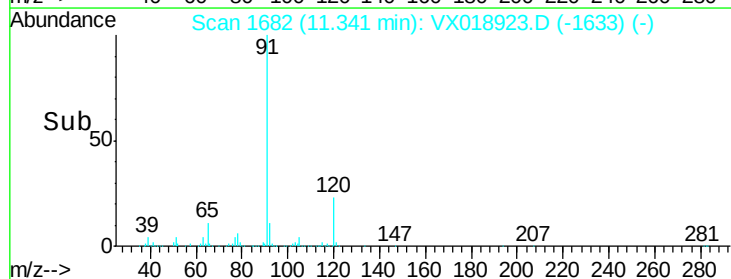
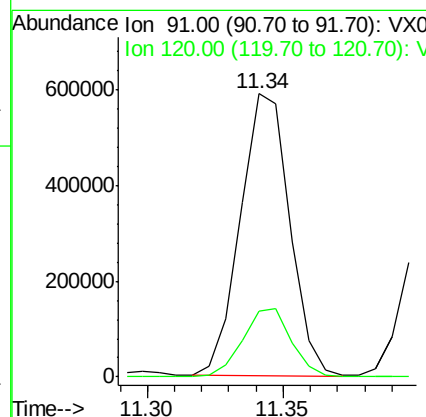
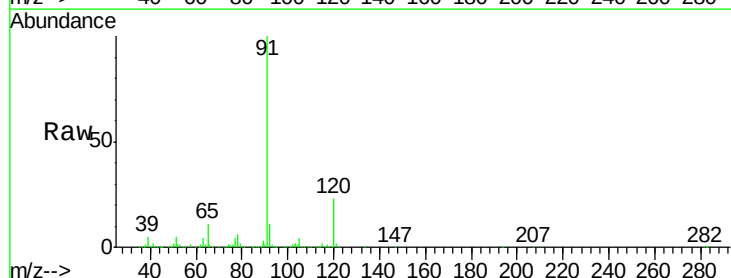
Manual Integrations
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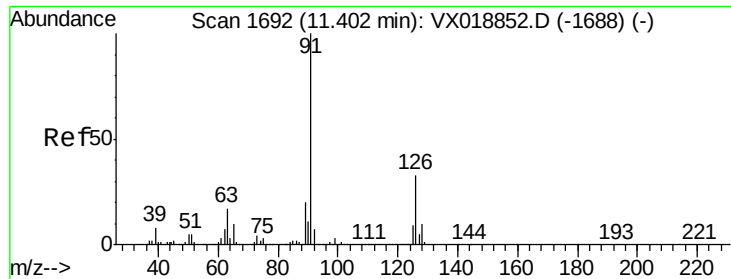
MMDadoda
10/13/2020 2:19:21 PM



#78
n-propylbenzene
Concen: 50.401 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.0	36.0





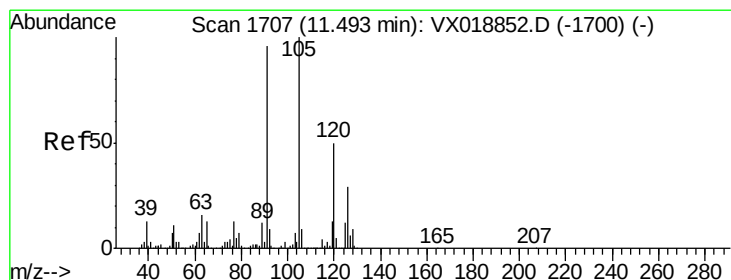
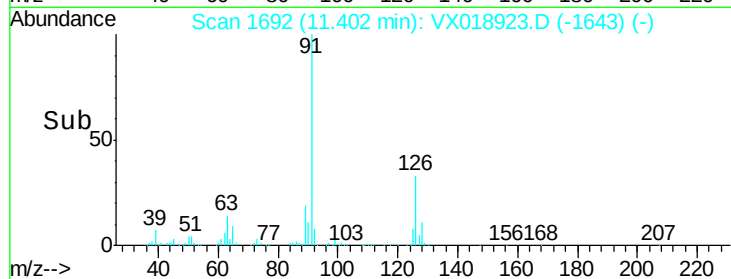
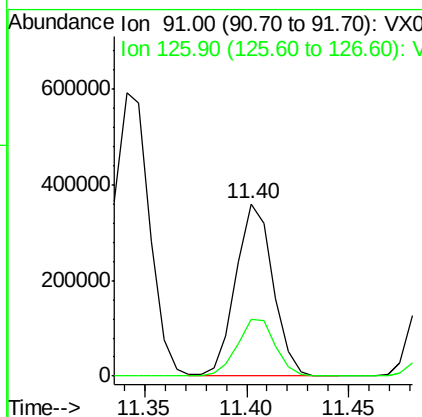
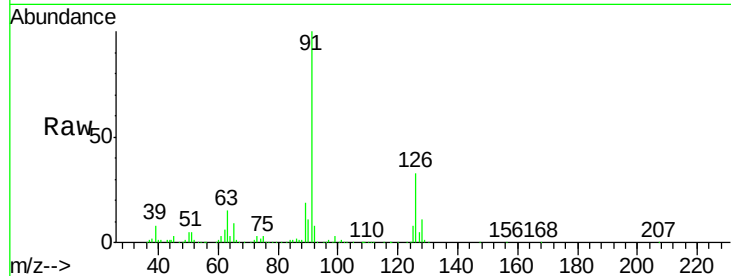
#79
 2-Chlorotoluene
 Concen: 49.572 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 453800
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.1 51.3

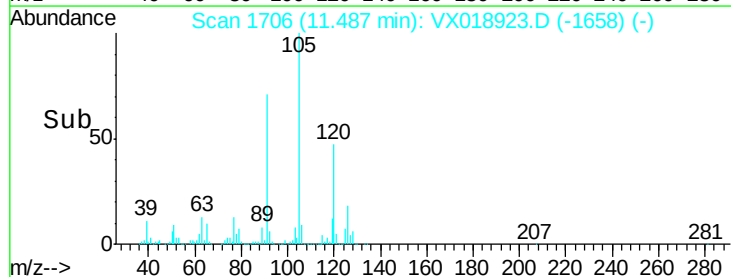
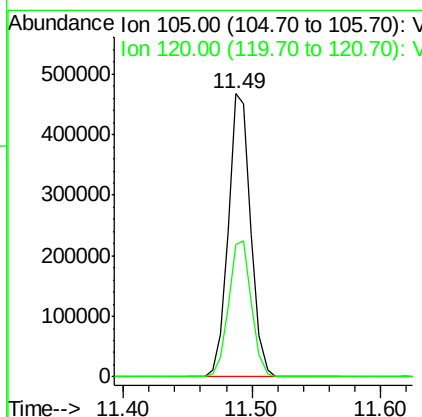
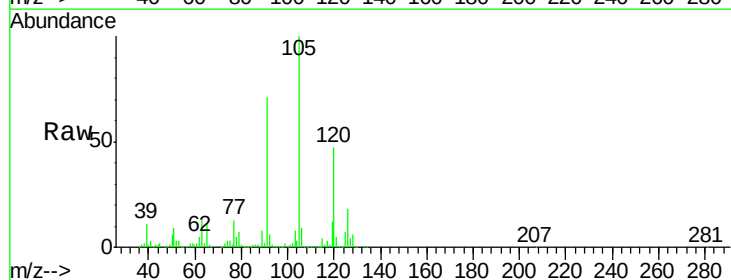
Manual Integrations
 APPROVED

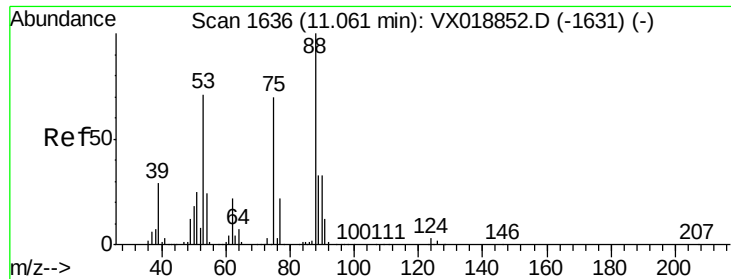
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.694 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion: 105 Resp: 569883
 Ion Ratio Lower Upper
 105 100
 120 49.1 23.9 71.8





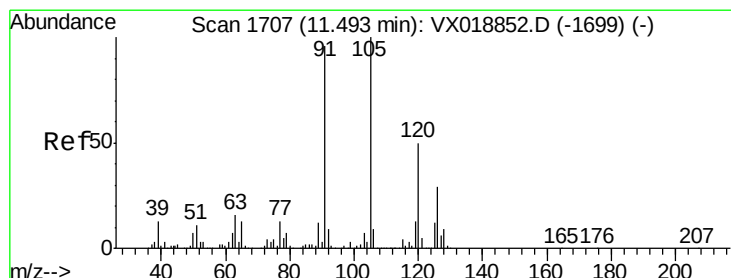
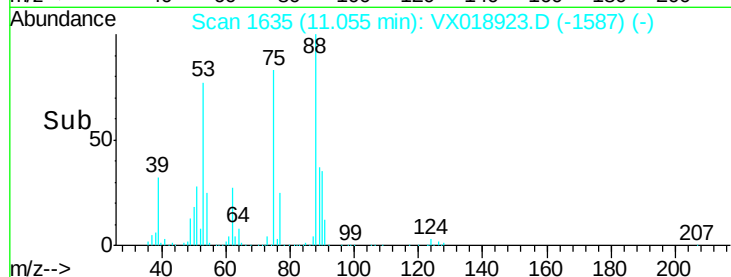
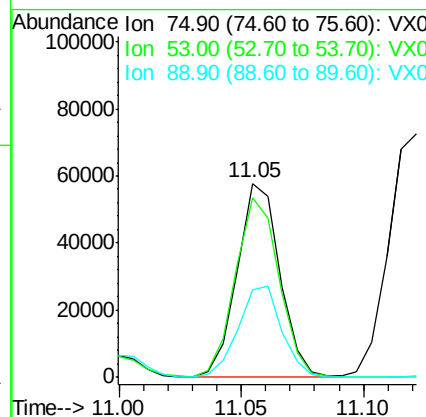
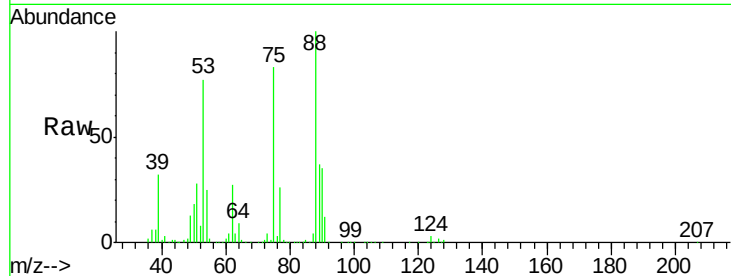
#81
trans-1,4-Dichloro-2-butene
Concen: 46.734 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.1	85.0	127.4
89	47.9	39.0	58.4

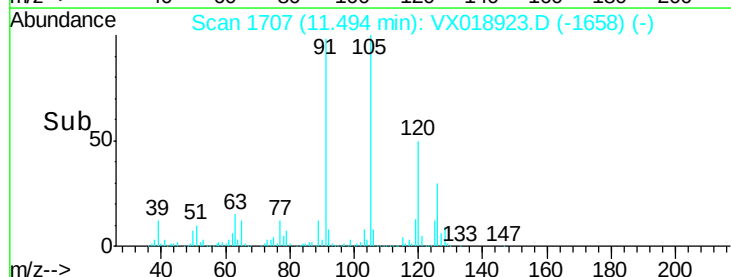
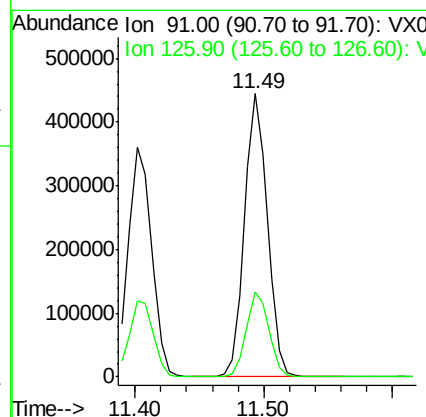
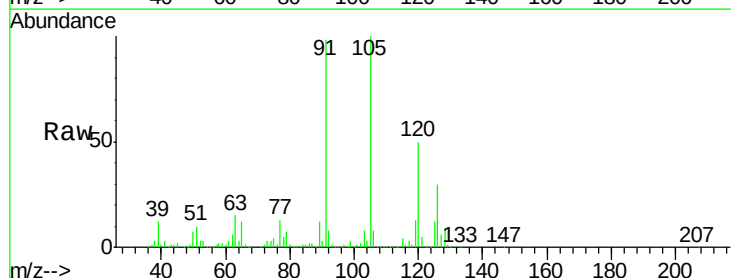
Manual Integrations
APPROVED

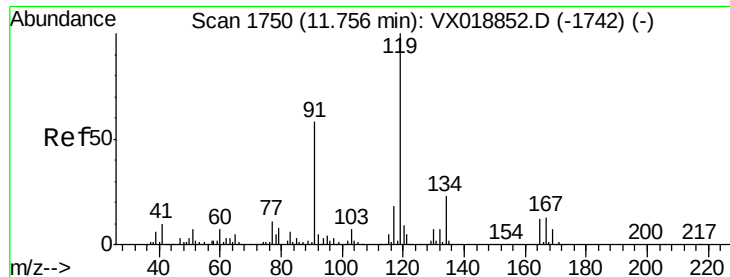
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.110 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.9	44.7





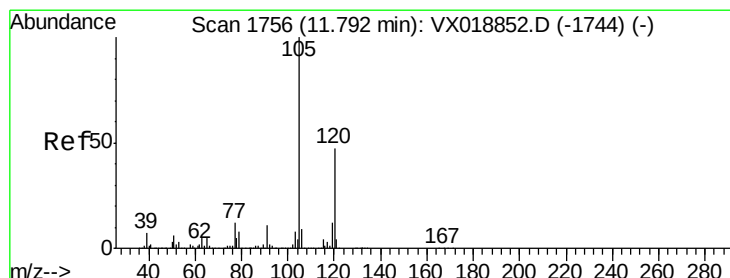
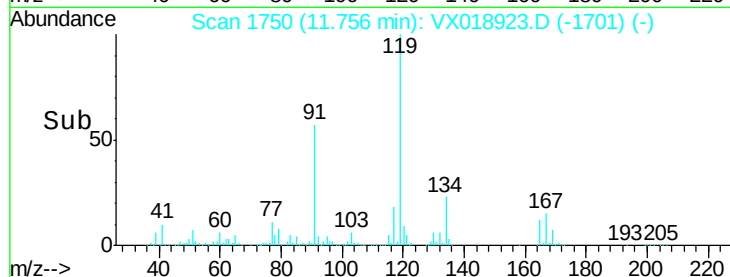
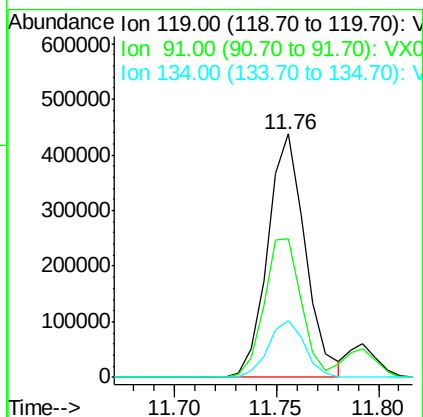
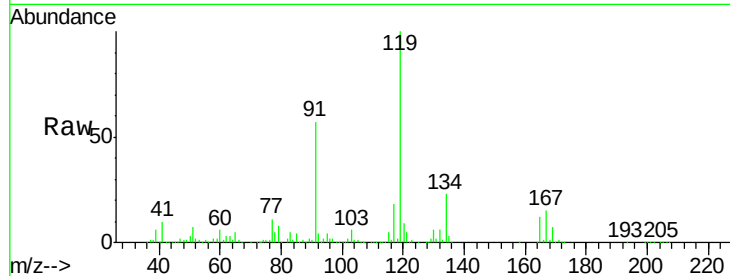
#83
tert-Butylbenzene
Concen: 50.842 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.4	28.6	85.9
134	22.7	11.7	35.0

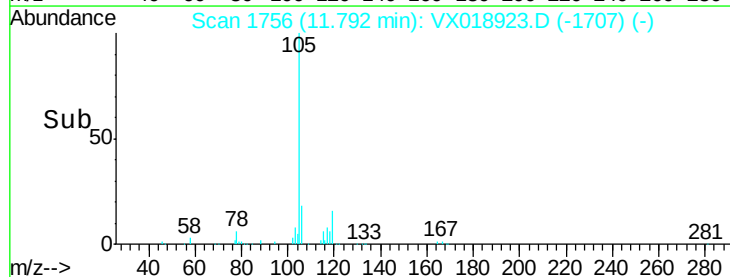
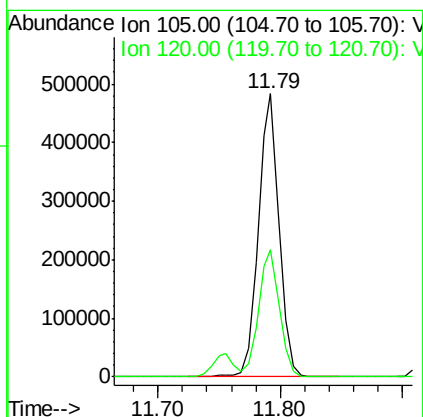
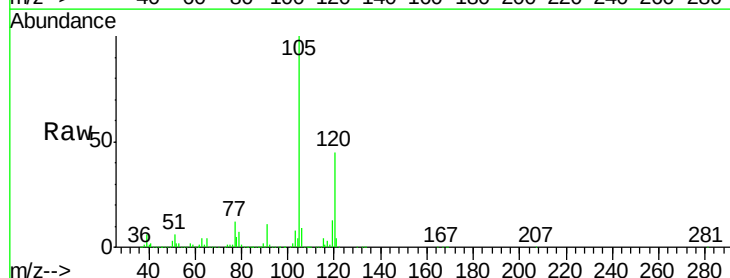
Manual Integrations
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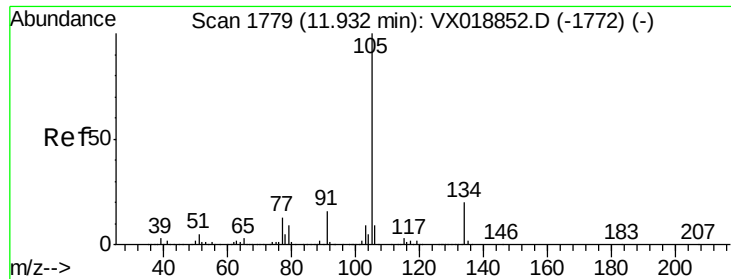
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#84
1,2,4-Trimethylbenzene
Concen: 51.023 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.6	67.8





#85

sec-Butylbenzene

Concen: 50.809 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 631927

Ion Ratio Lower Upper

105 100

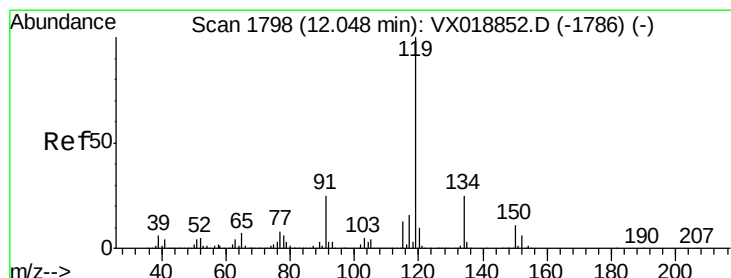
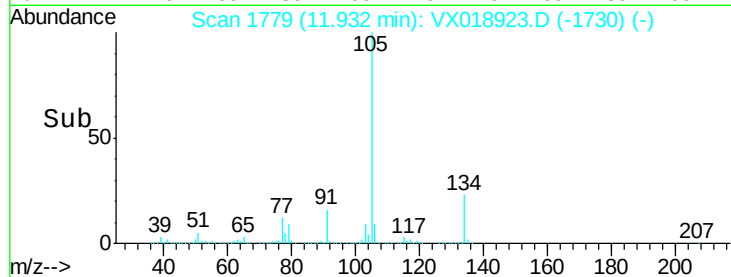
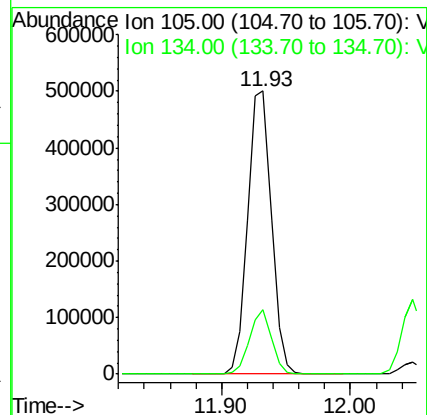
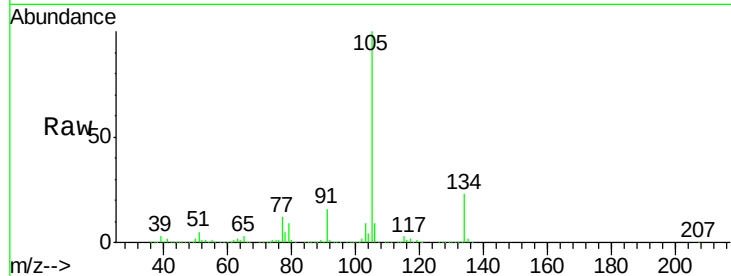
134 21.2 10.2 30.4

Manual Integrations

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10/13/2020 2:19:21 PM



#86

p-Isopropyltoluene

Concen: 50.782 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

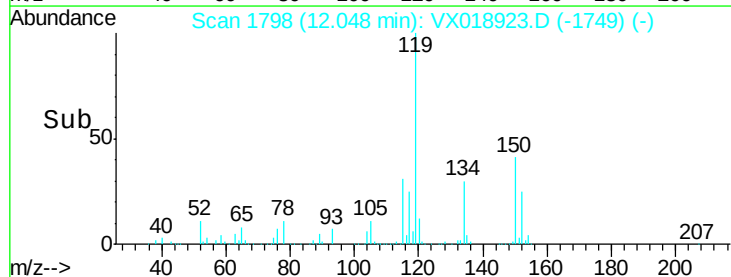
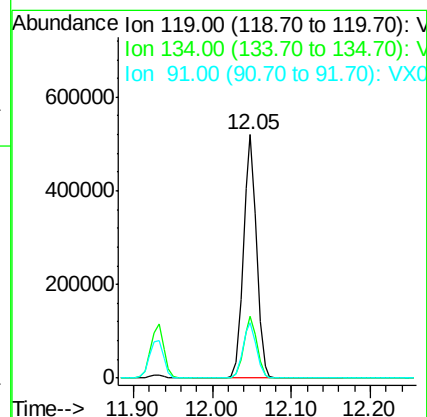
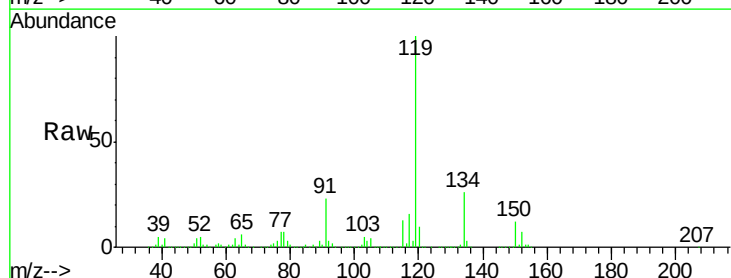
Tgt Ion:119 Resp: 599195

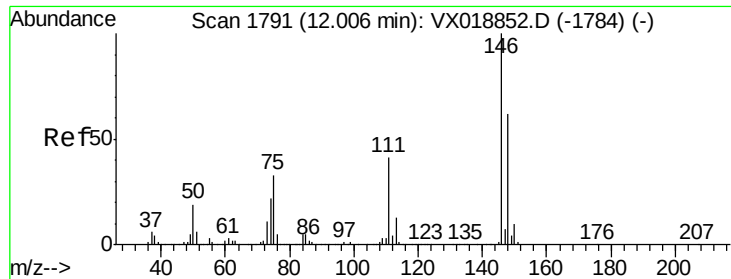
Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 23.6 12.3 36.9





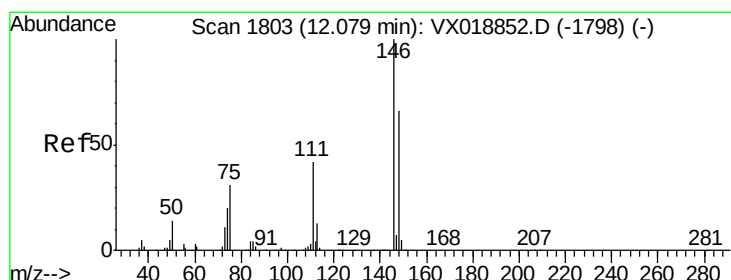
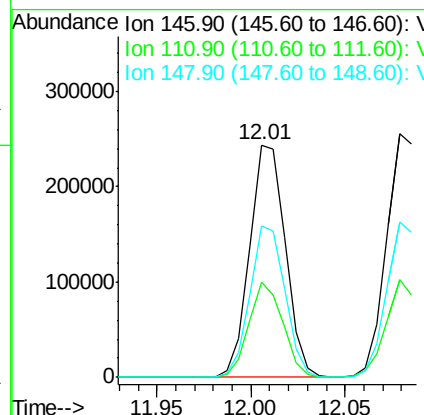
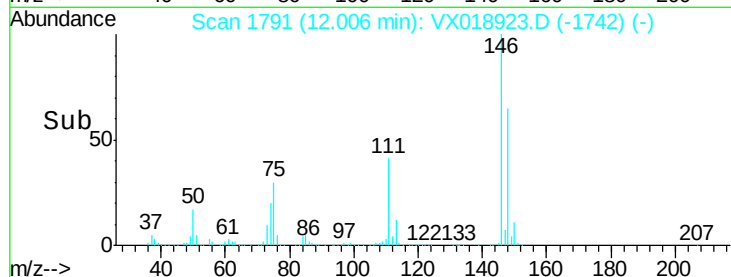
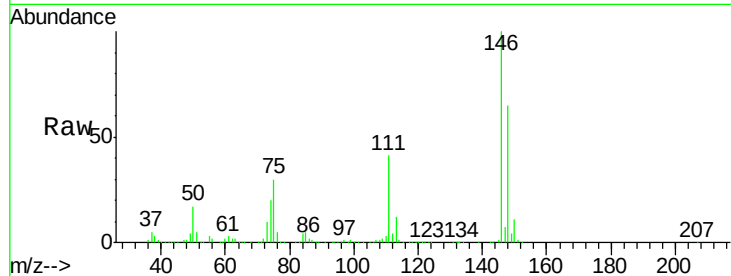
#87
 1,3-Dichlorobenzene
 Concen: 49.369 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.0	59.9
148	64.1	31.4	94.3

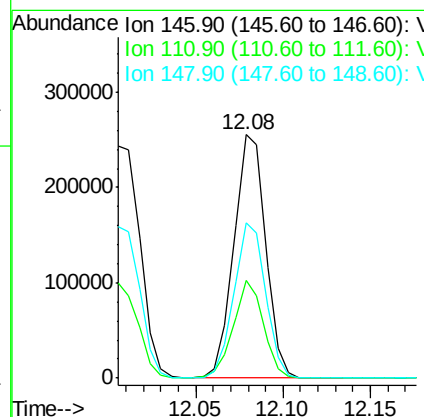
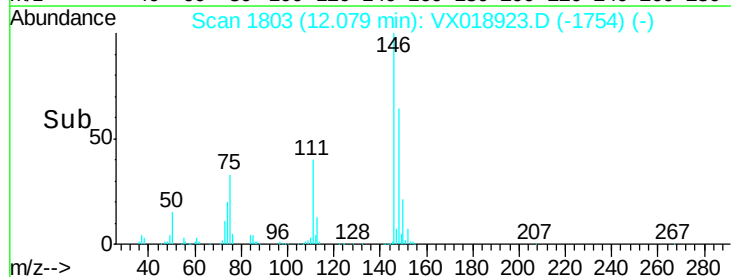
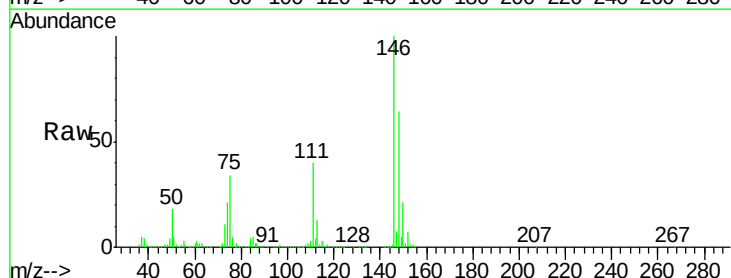
Manual Integrations
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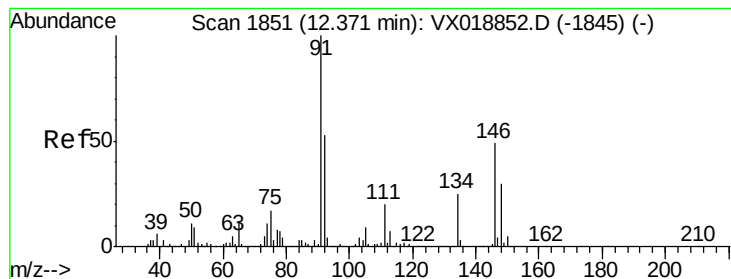
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 48.934 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.5	61.5
148	63.5	32.2	96.6





#89

n-Butylbenzene

Concen: 49.630 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 508802

Ion Ratio Lower Upper

91 100

92 53.2 26.7 80.0

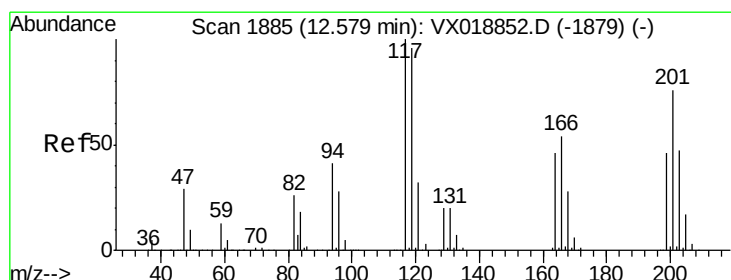
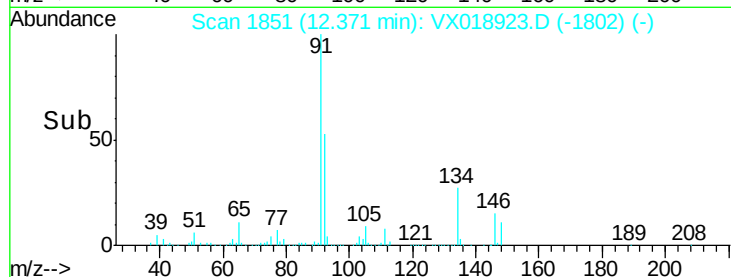
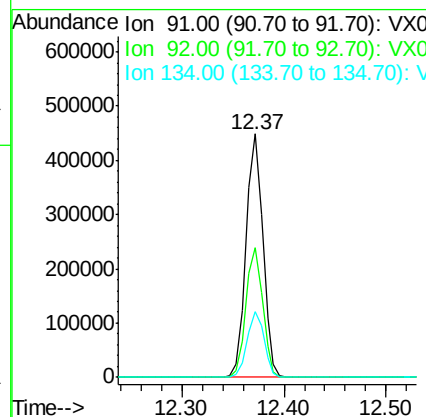
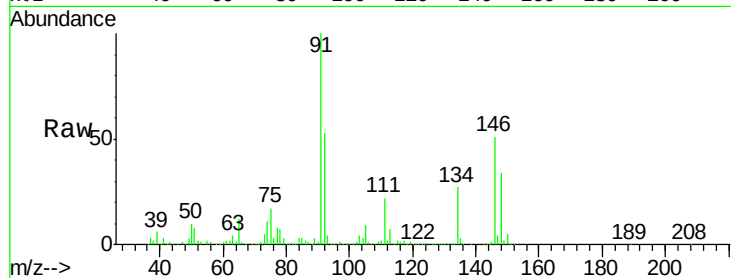
134 27.3 13.5 40.4

Manual Integrations

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#90

Hexachloroethane

Concen: 44.667 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018923.D

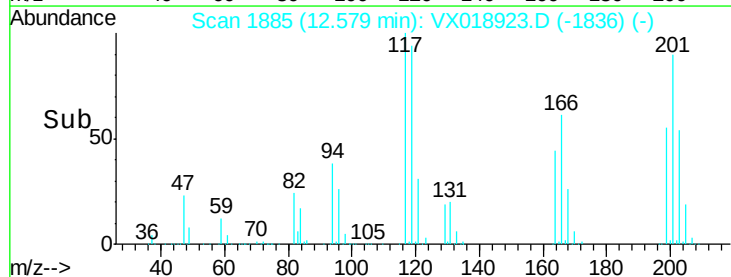
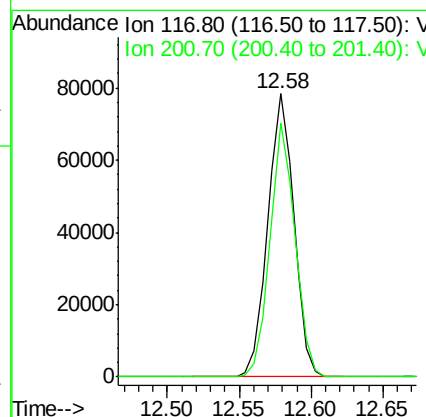
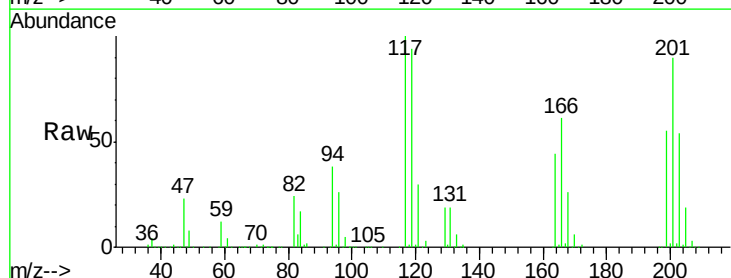
Acq: 12 Oct 2020 22:48

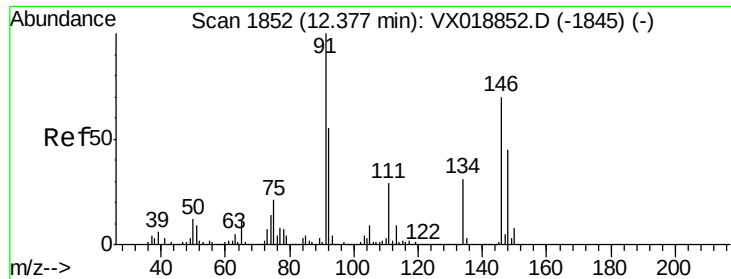
Tgt Ion: 117 Resp: 97982

Ion Ratio Lower Upper

117 100

201 86.3 37.4 112.2





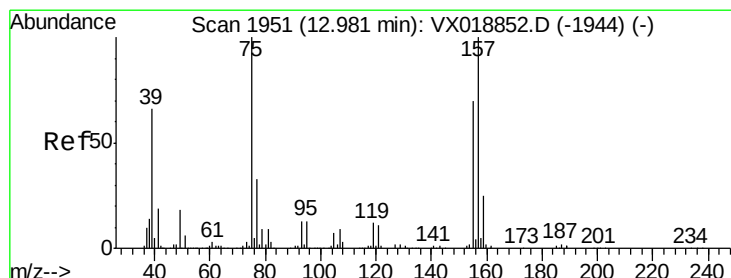
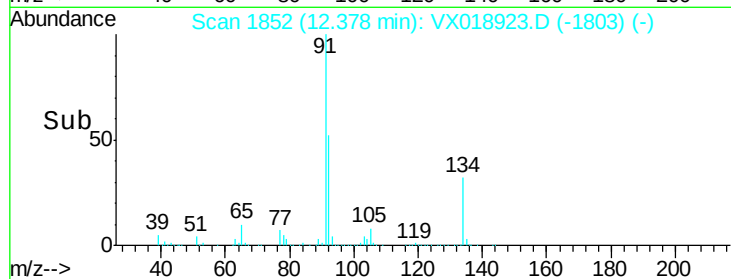
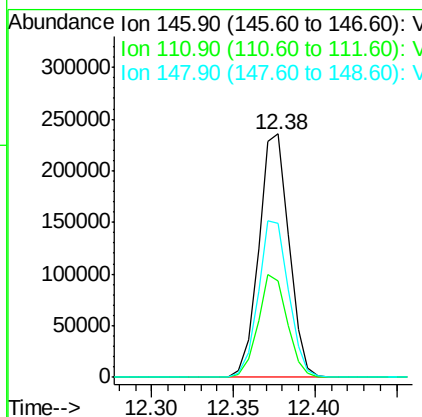
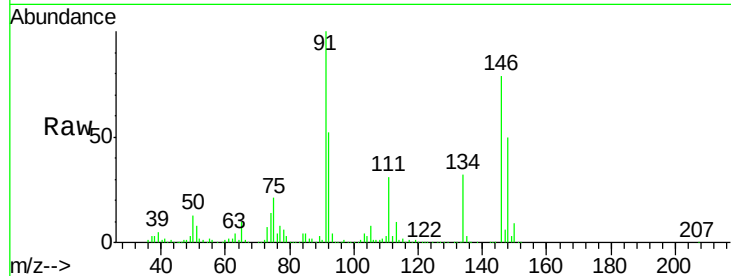
#91
 1,2-Dichlorobenzene
 Concen: 48.909 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.9
148	64.8	31.1	93.2

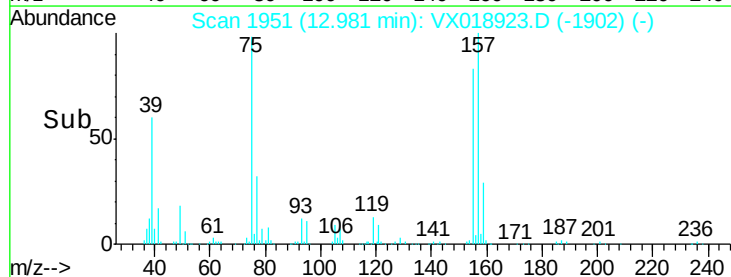
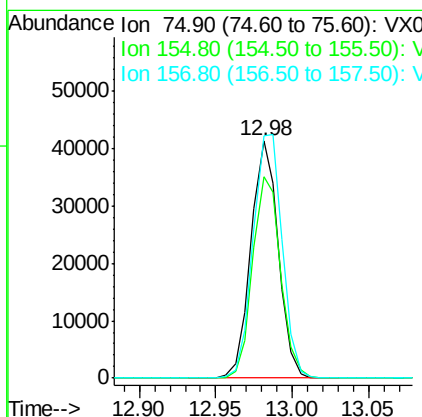
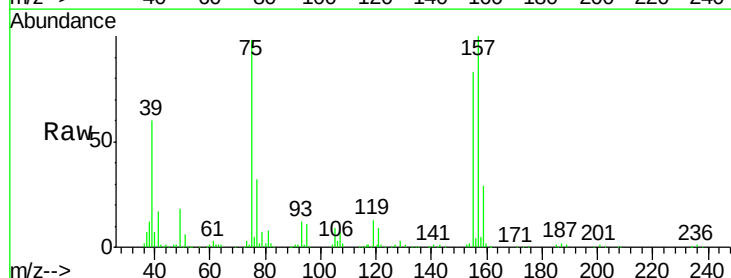
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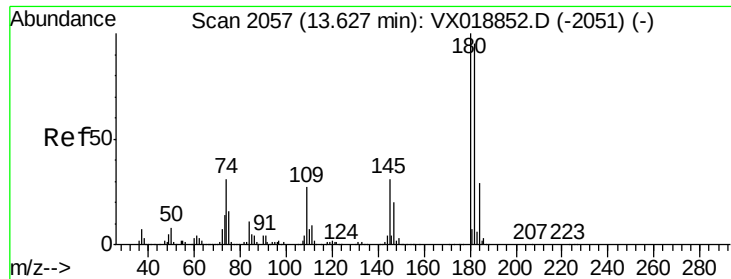
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.810 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.8	38.0	113.9
157	109.7	50.9	152.7





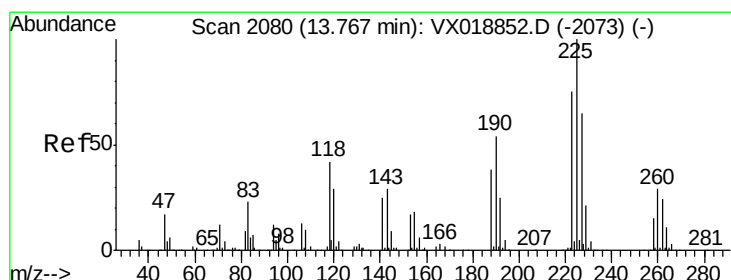
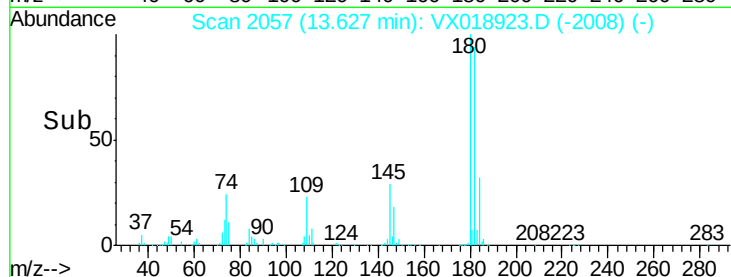
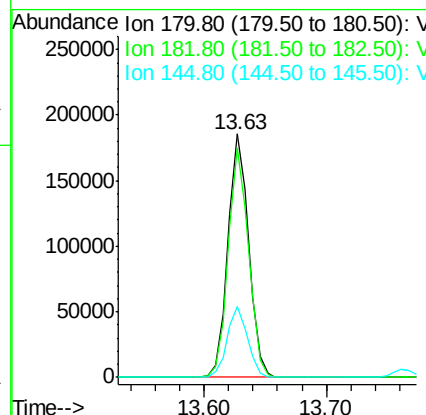
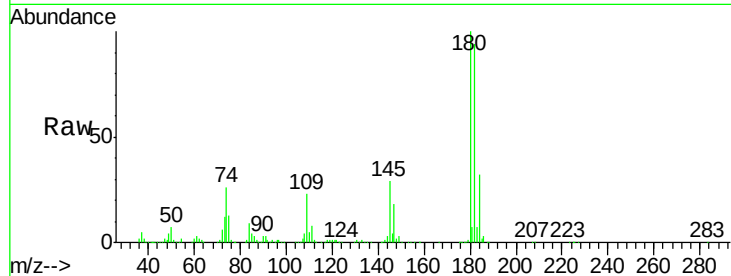
#93
1,2,4-Trichlorobenzene
Concen: 54.798 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	217575		
182	92.5	49.1	147.3	
145	28.5	16.0	48.0	

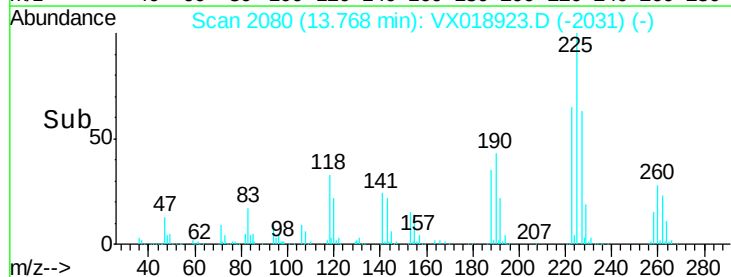
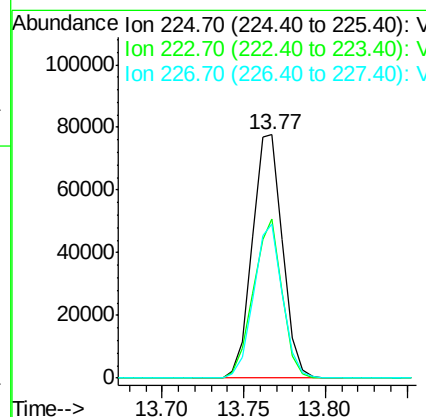
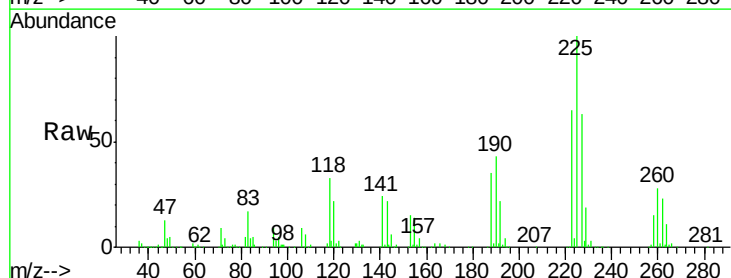
Manual Integrations
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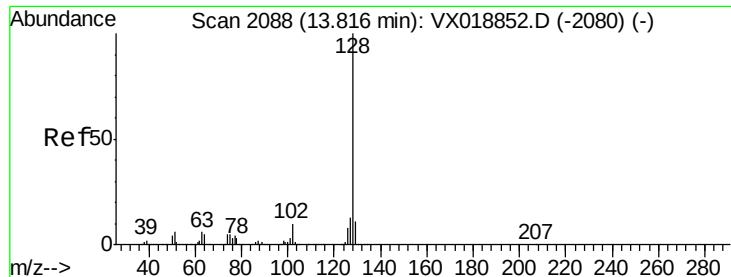
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#94
Hexachlorobutadiene
Concen: 56.872 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100298		
223	62.1	32.1	96.3	
227	60.4	33.0	98.9	





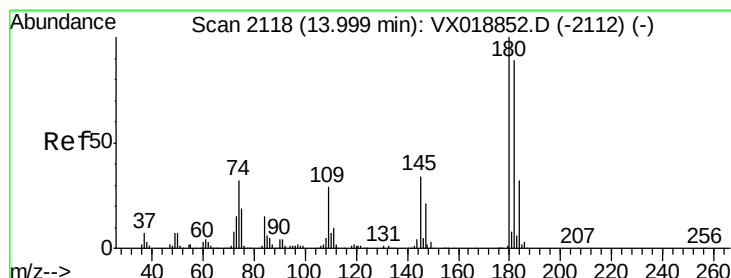
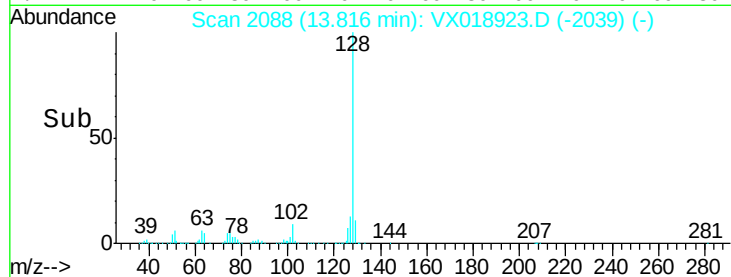
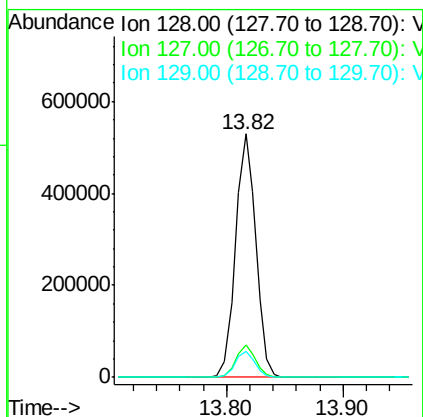
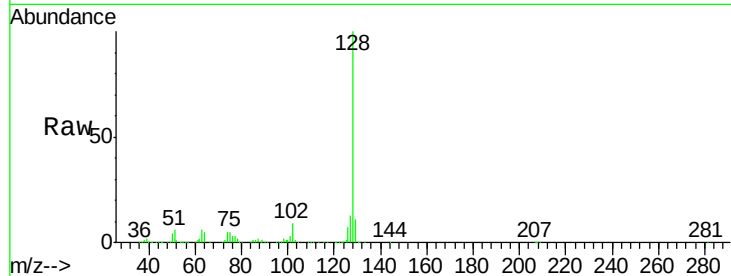
#95
Naphthalene
Concen: 48.602 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.4	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/13/2020 2:19:21 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.835 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.7	47.7	143.1
145	33.6	16.7	50.0

