

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023206.D
 Acq On : 08 Jul 2021 17:50
 Operator : JC/MD
 Sample : PB137563ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 09 08:13:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

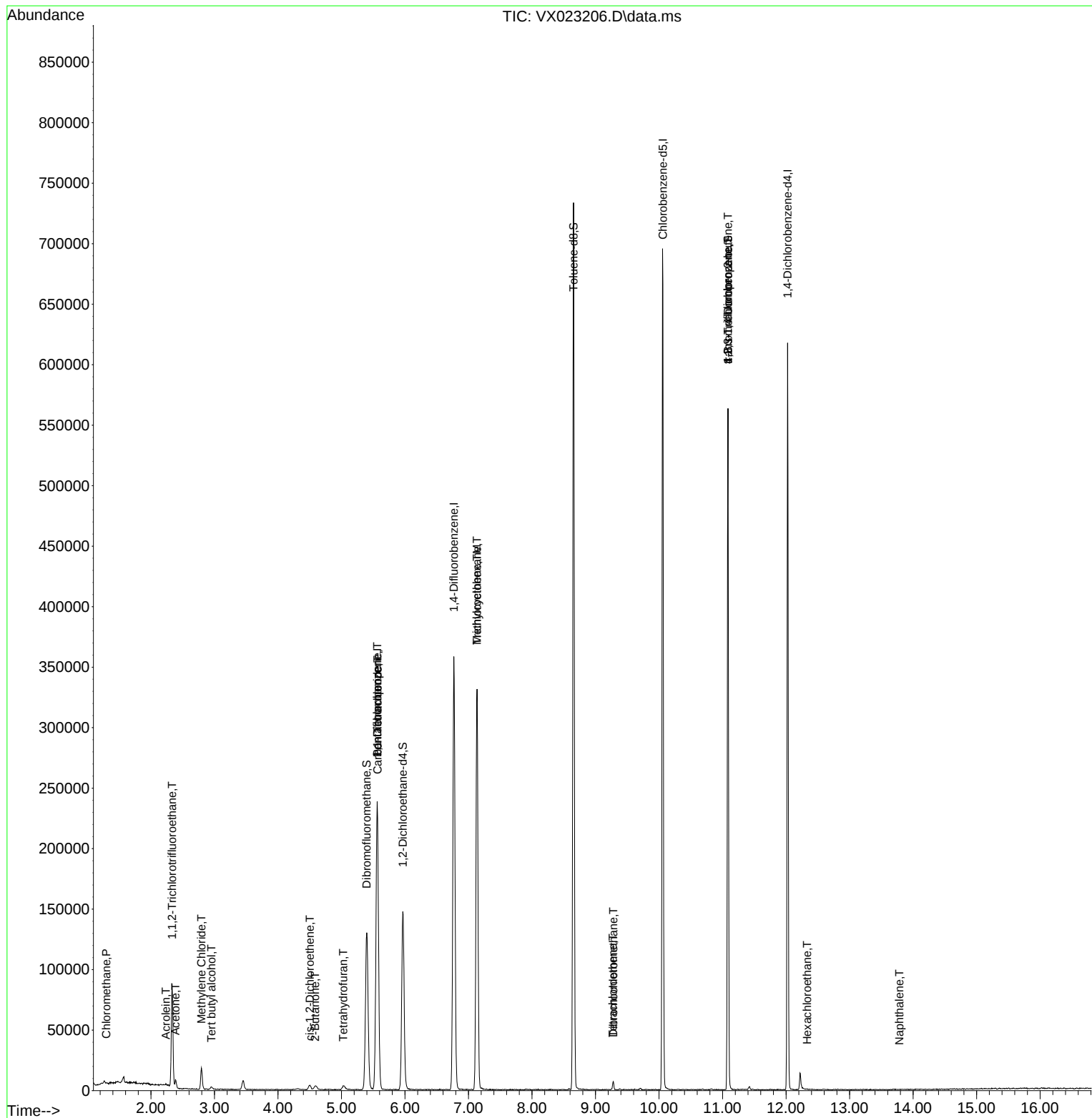
Internal Standards						
1) Pentafluorobenzene	5.562	168	215631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	357789	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	311415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150405	51.898	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.800%		
35) Dibromofluoromethane	5.397	113	113131	48.965	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.920%		
50) Toluene-d8	8.653	98	419897	48.720	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.440%		
62) 4-Bromofluorobenzene	11.085	95	145855	43.837	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 87.680%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	513	0.265	ug/l	92
5) Bromomethane	1.617	94	450	Below Cal	#	70
9) 1,1,2-Trichlorotrifluo...	2.331	101	32202	15.462	ug/l	96
11) Tert butyl alcohol	2.953	59	1490	2.444	ug/l #	79
13) Acrolein	2.233	56	91	0.224	ug/l #	39
16) Acetone	2.386	43	7490	6.533	ug/l	92
20) Methylene Chloride	2.794	84	7836	3.174	ug/l	88
25) 2-Butanone	4.586	43	965	0.558	ug/l #	45
27) cis-1,2-Dichloroethene	4.501	96	2378	0.946	ug/l	90
29) Tetrahydrofuran	5.025	42	3123	2.810	ug/l	89
36) 1,1-Dichloropropene	5.562	75	17212	5.396	ug/l #	50
38) Carbon Tetrachloride	5.568	117	23214	6.973	ug/l #	16
39) Methylcyclohexane	7.135	83	1574	0.422	ug/l #	1
44) Trichloroethene	7.135	130	127639	48.587	ug/l	98
60) Dibromochloromethane	9.281	129	1255	3.531	ug/l #	11
64) Tetrachloroethene	9.275	164	1136	0.457	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	77035	30.779	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	77035	82.519	ug/l #	12
90) Hexachloroethane	12.329	117	23	3.012	ug/l #	9
95) Naphthalene	13.786	128	233	1.300	ug/l #	69

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

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MSVOA_X
ClientSampleId :

Quant Time: Jul 09 08:13:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
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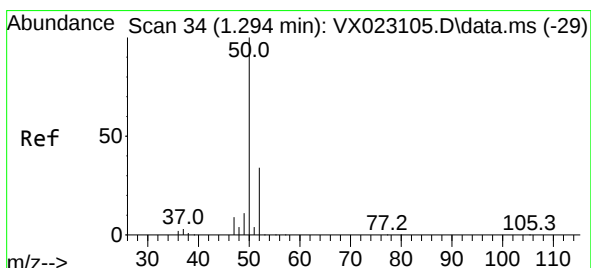
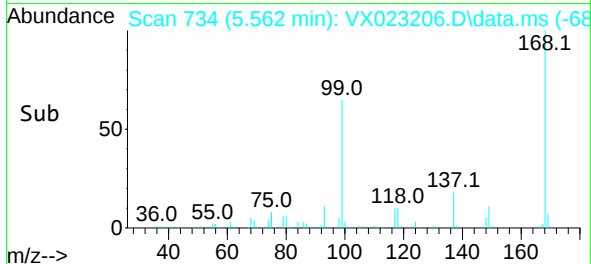
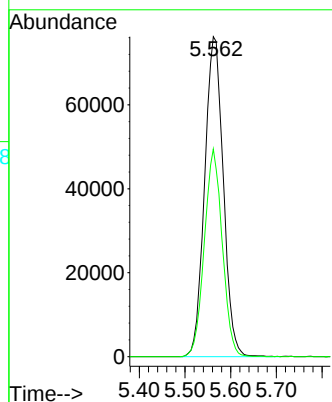
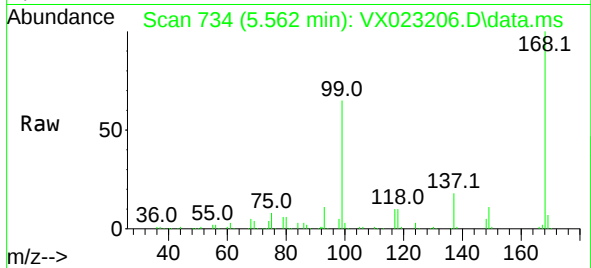




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

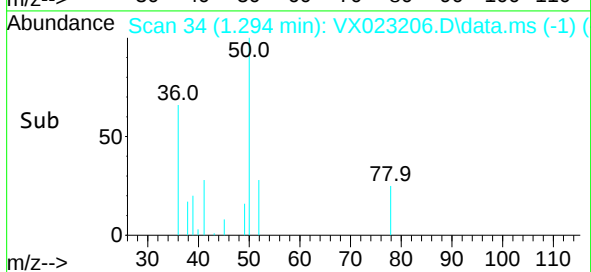
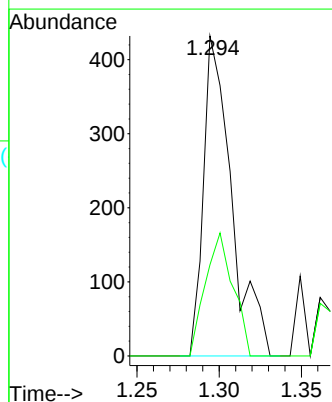
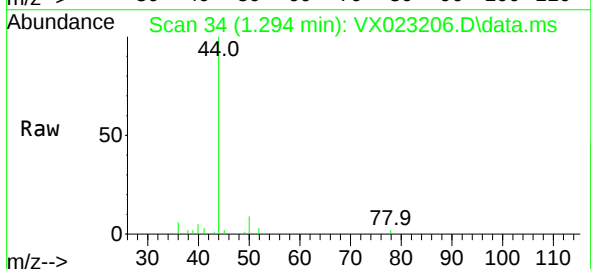
Instrument :
MSVOA_X
ClientSampled :

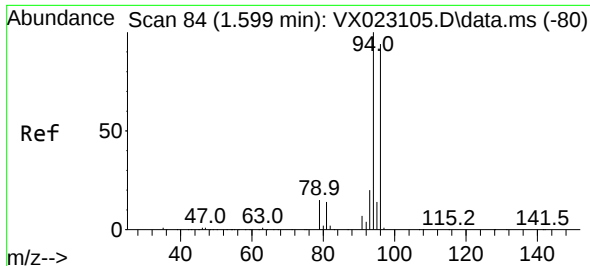
Tgt Ion:168 Resp: 215631
Ion Ratio Lower Upper
168 100
99 64.9 45.8 68.6



#3
Chloromethane
Concen: 0.265 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

Tgt Ion: 50 Resp: 513
Ion Ratio Lower Upper
50 100
52 28.5 26.4 39.6

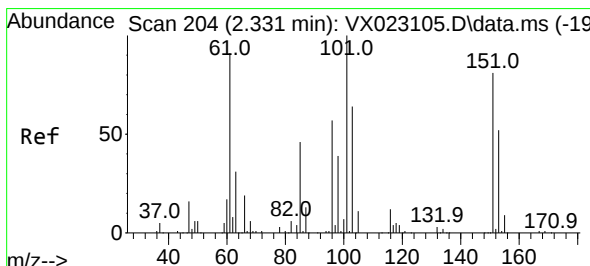
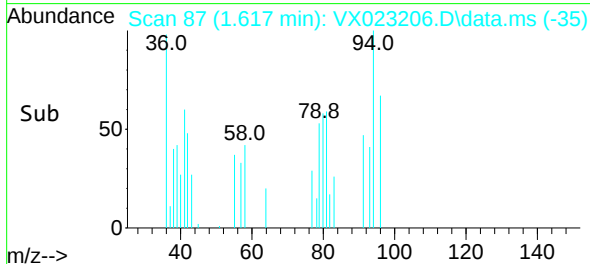
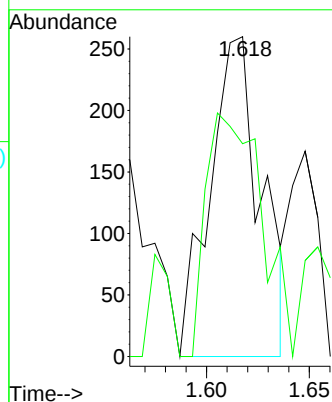
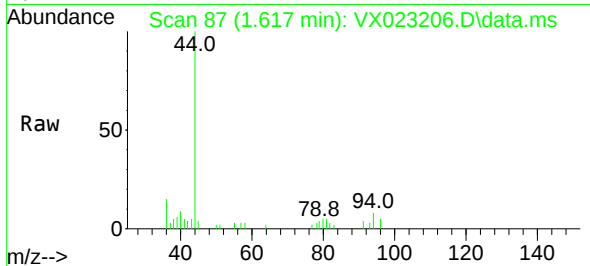




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

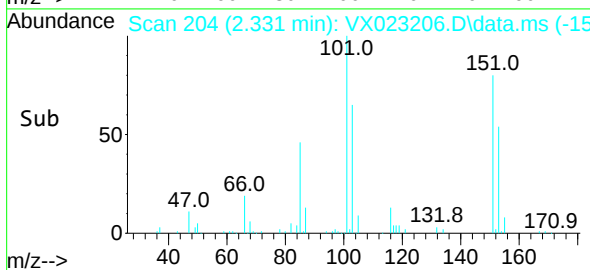
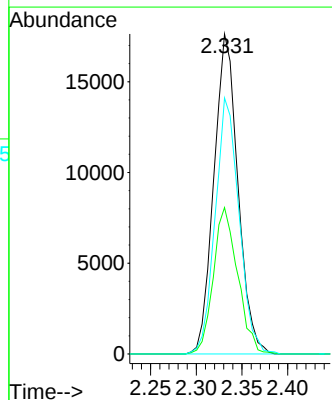
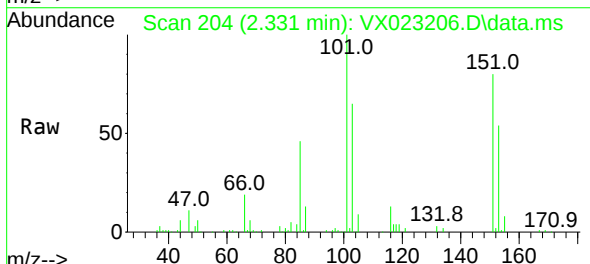
Instrument :
MSVOA_X
ClientSampled :

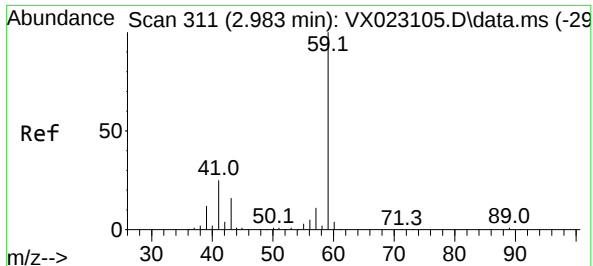
Tgt Ion: 94 Resp: 450
Ion Ratio Lower Upper
94 100
96 66.5 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.462 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

Tgt Ion: 101 Resp: 32202
Ion Ratio Lower Upper
101 100
85 46.3 34.9 52.3
151 79.6 61.4 92.2



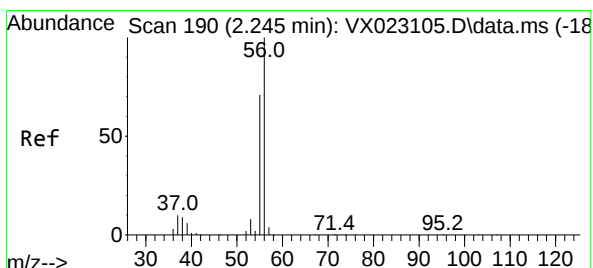
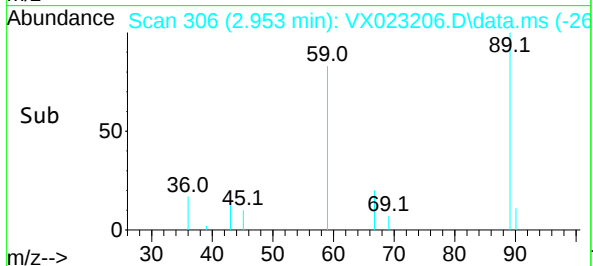
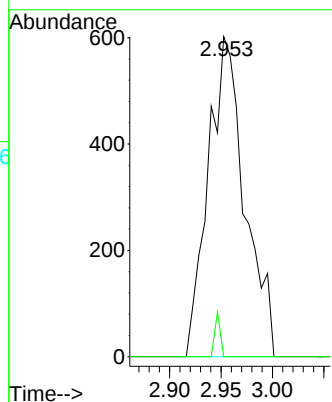
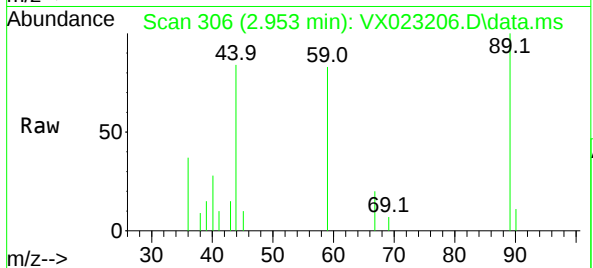


#11

Tert butyl alcohol
Concen: 2.444 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

Instrument :
MSVOA_X
ClientSampled :

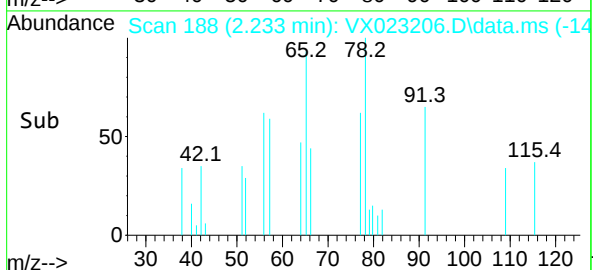
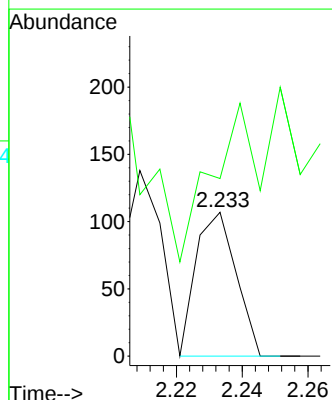
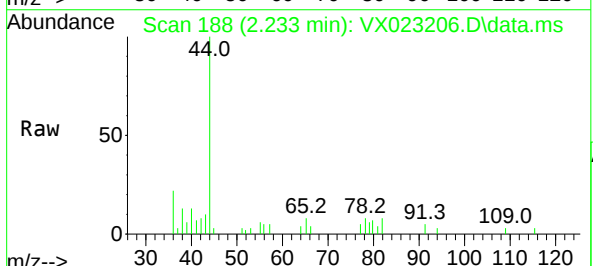
Tgt Ion: 59 Resp: 1490
Ion Ratio Lower Upper
59 100
57 2.1 7.8 11.8#

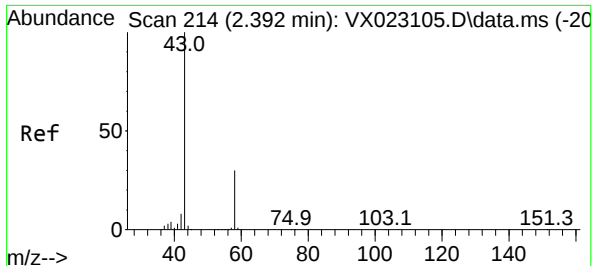


#13

Acrolein
Concen: 0.224 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

Tgt Ion: 56 Resp: 91
Ion Ratio Lower Upper
56 100
55 120.9 56.4 84.6#

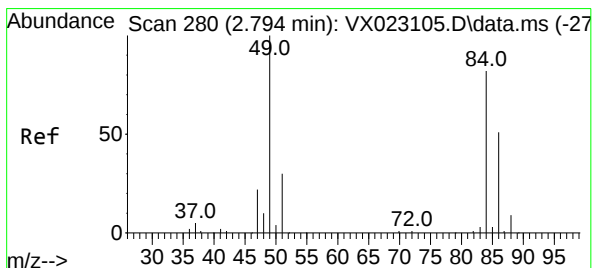
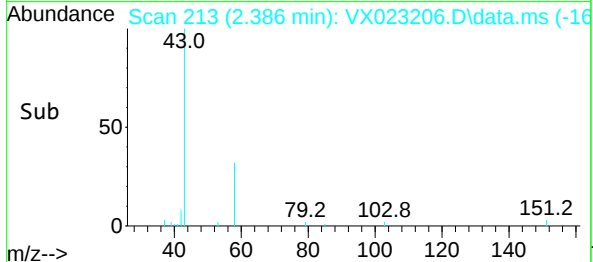
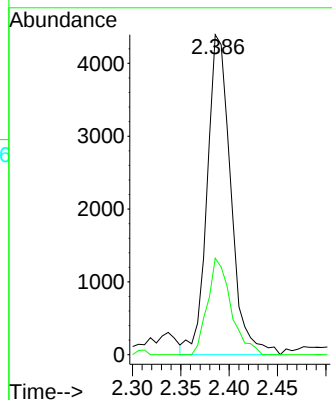
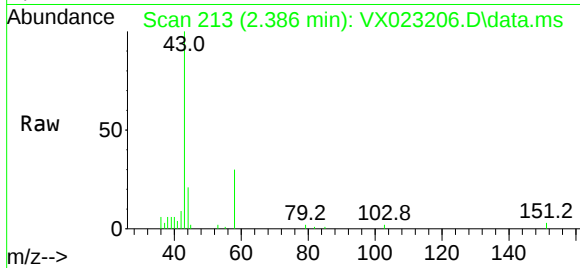




#16
Acetone
Concen: 6.533 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

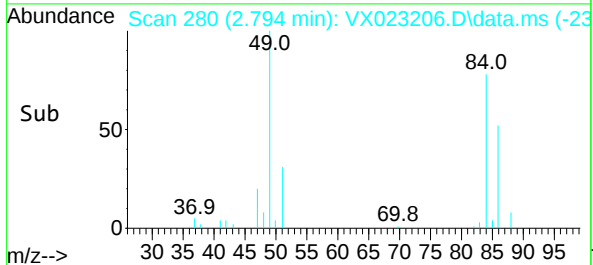
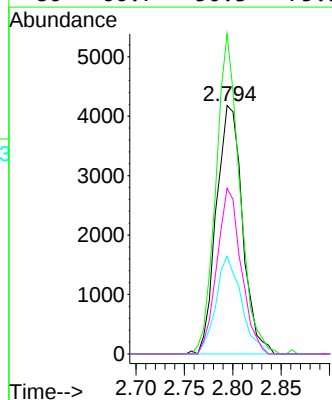
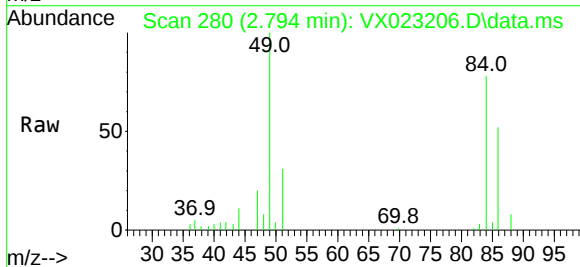
Instrument :
MSVOA_X
ClientSampled :

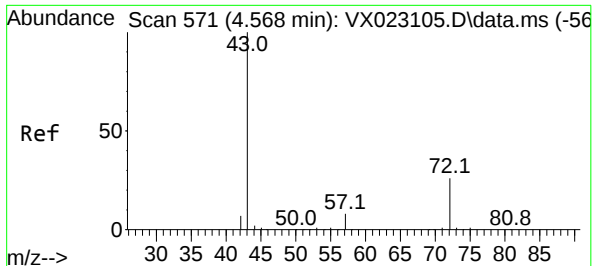
Tgt Ion: 43 Resp: 7490
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8



#20
Methylene Chloride
Concen: 3.174 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

Tgt Ion: 84 Resp: 7836
Ion Ratio Lower Upper
84 100
49 128.8 88.6 132.8
51 39.3 27.0 40.6
86 66.7 50.3 75.5

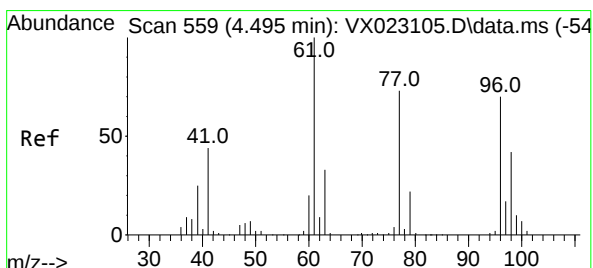
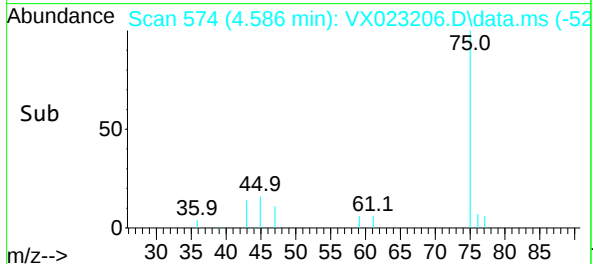
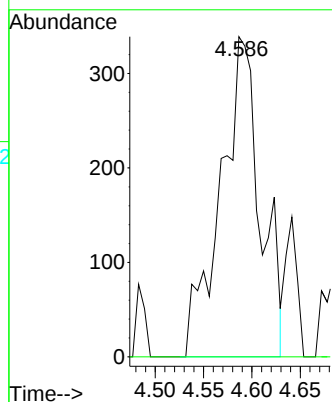
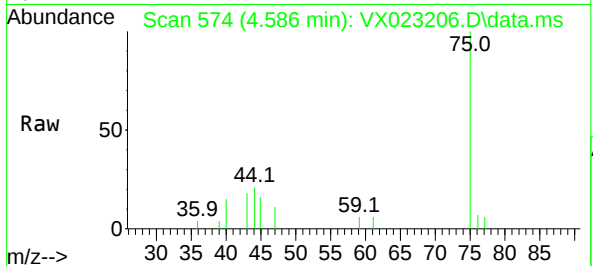




#25
2-Butanone
Concen: 0.558 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

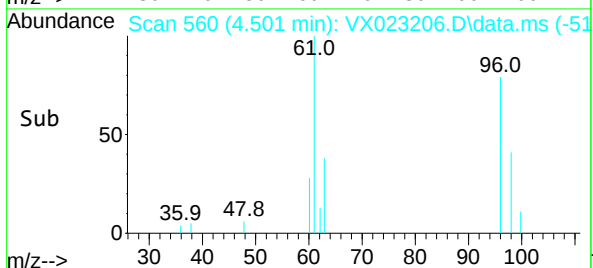
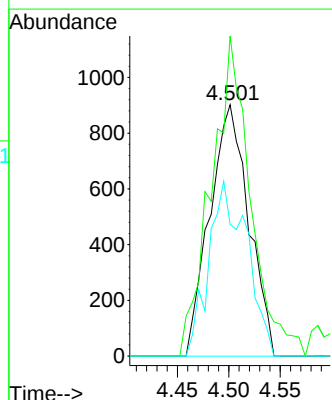
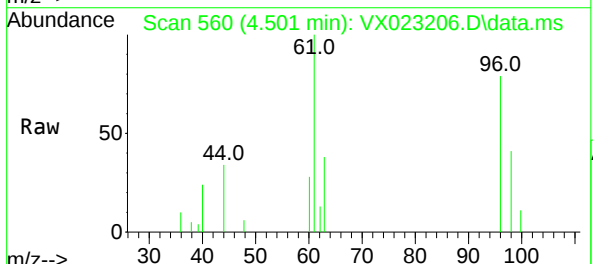
Instrument :
MSVOA_X
ClientSampled :

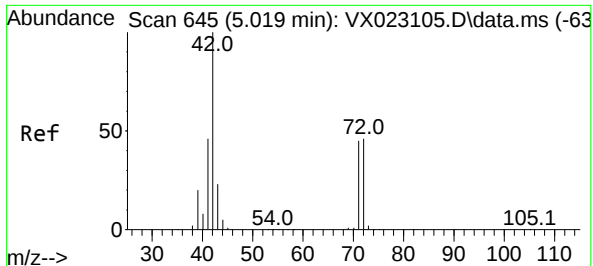
Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.946 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

Tgt Ion: 96 Resp: 2378
Ion Ratio Lower Upper
96 100
61 127.8 0.0 285.6
98 67.7 0.0 129.6





#29

Tetrahydrofuran

Concen: 2.810 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.006 min

Lab File: VX023206.D

Acq: 08 Jul 2021 17:50

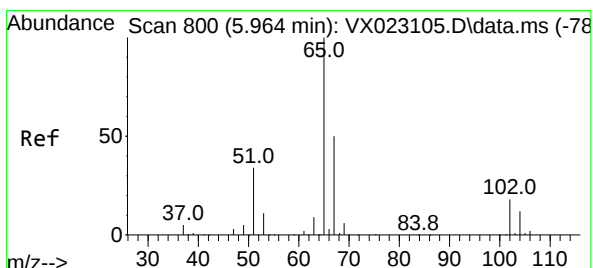
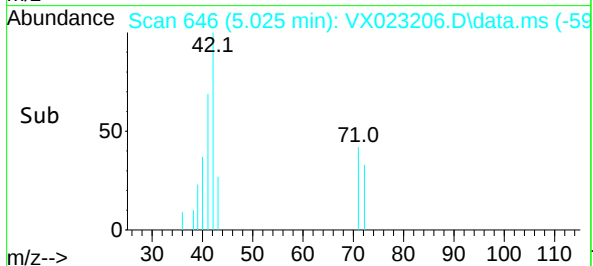
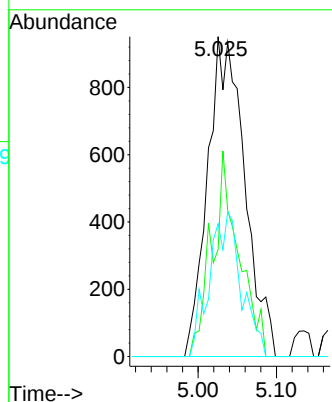
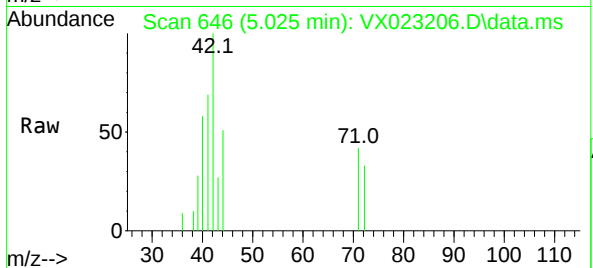
Tgt Ion: 42 Resp: 3123

Ion Ratio Lower Upper

42 100

72 46.5 41.7 62.5

71 39.0 38.4 57.6



#33

1,2-Dichloroethane-d4

Concen: 51.898 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023206.D

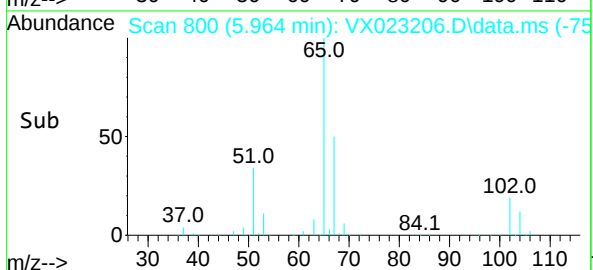
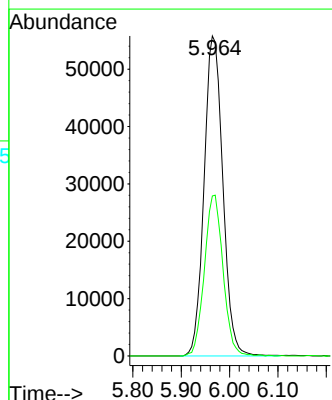
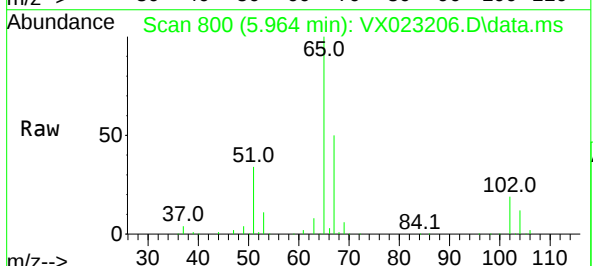
Acq: 08 Jul 2021 17:50

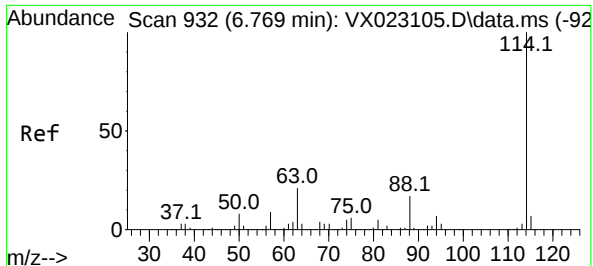
Tgt Ion: 65 Resp: 150405

Ion Ratio Lower Upper

65 100

67 49.9 0.0 105.4

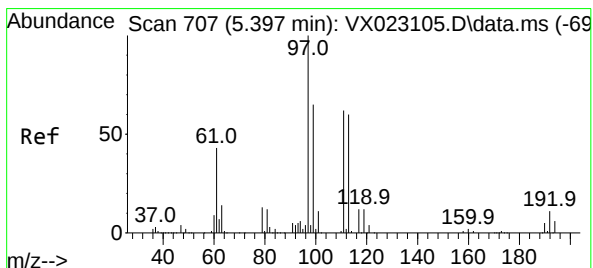
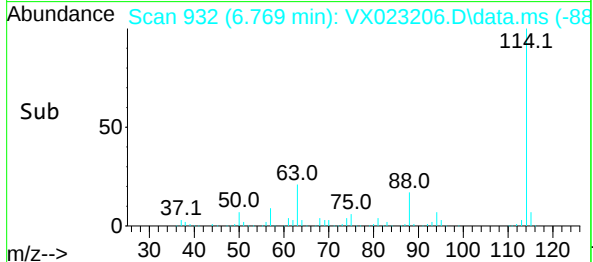
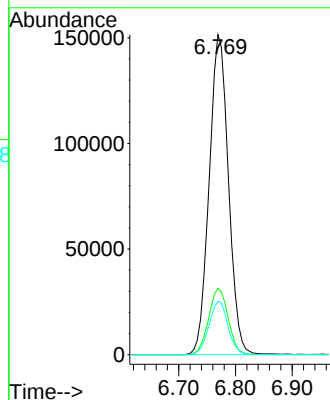
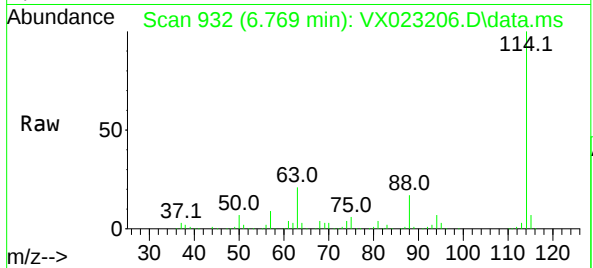




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

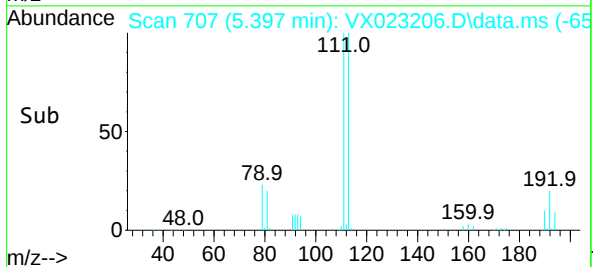
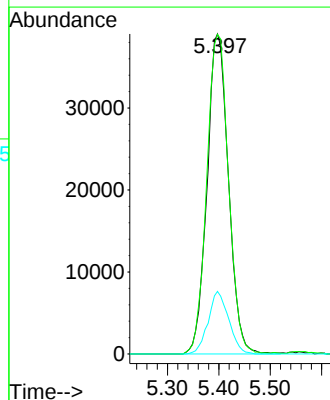
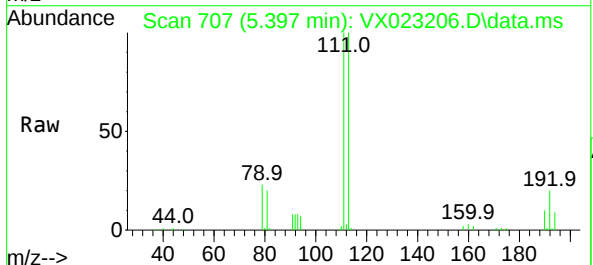
Instrument :
MSVOA_X
ClientSampled :

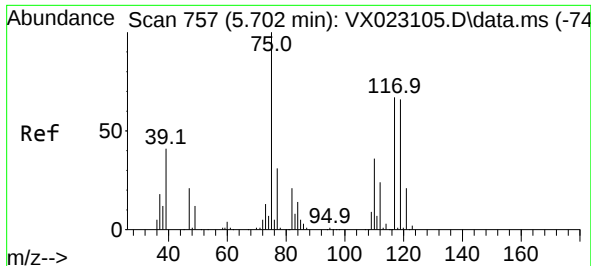
Tgt Ion:114 Resp: 357789
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.965 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

Tgt Ion:113 Resp: 113131
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 18.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.396 ug/l

RT: 5.562 min Scan# 734

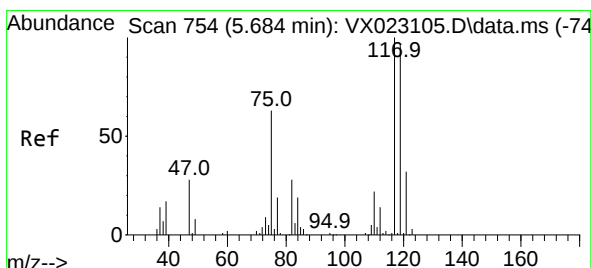
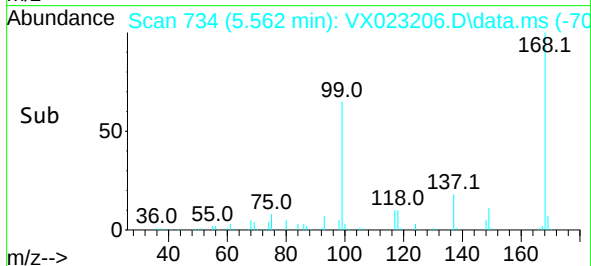
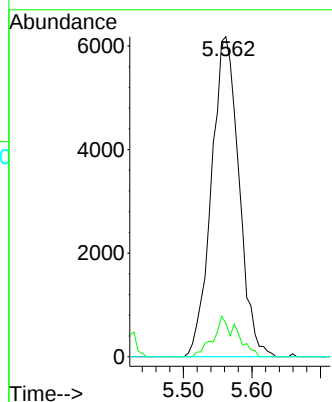
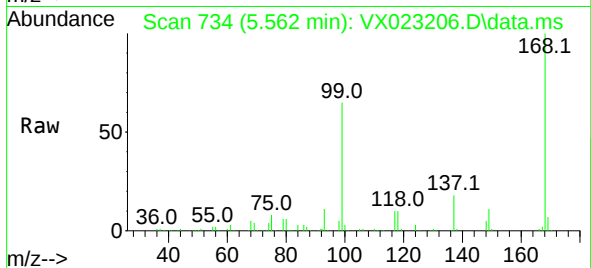
Delta R.T. -0.140 min

Lab File: VX023206.D

Acq: 08 Jul 2021 17:50

Tgt Ion: 75	Resp: 17212
Ion Ratio	Lower Upper
75 100	
110 10.9	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.973 ug/l

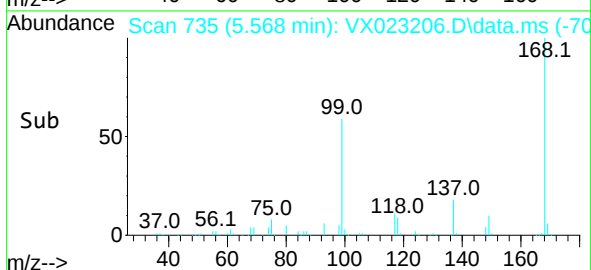
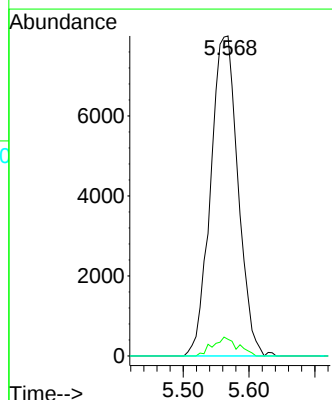
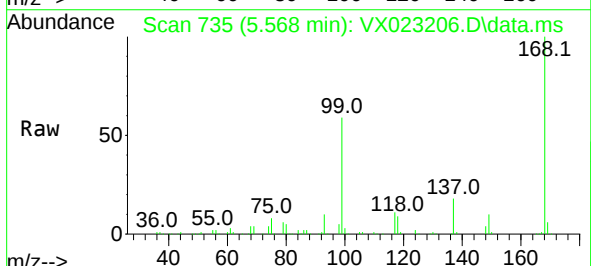
RT: 5.568 min Scan# 735

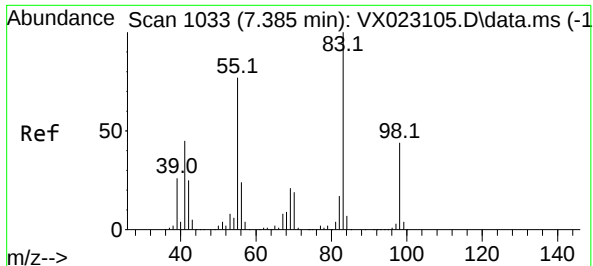
Delta R.T. -0.116 min

Lab File: VX023206.D

Acq: 08 Jul 2021 17:50

Tgt Ion: 117	Resp: 23214
Ion Ratio	Lower Upper
117 100	
119 5.2	76.2 114.2#
121 0.0	24.8 37.2#





#39

Methylcyclohexane

Concen: 0.422 ug/l

RT: 7.135 min Scan# 992

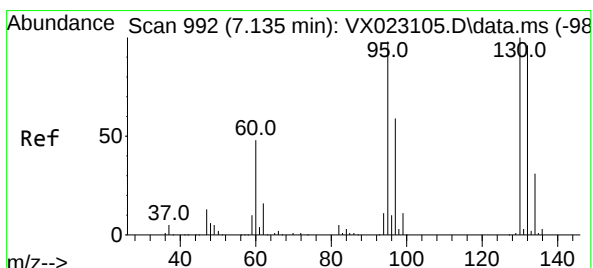
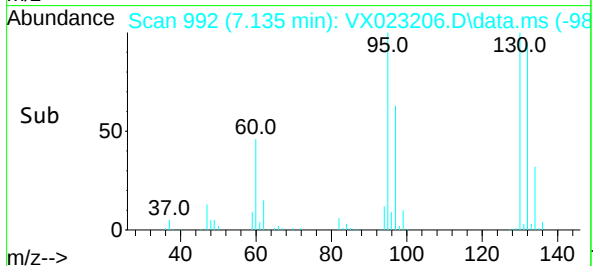
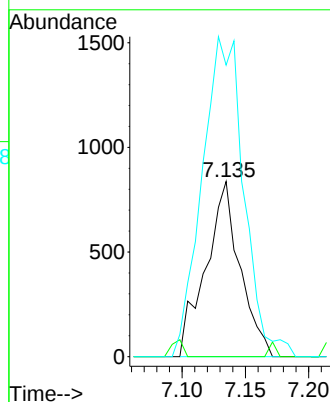
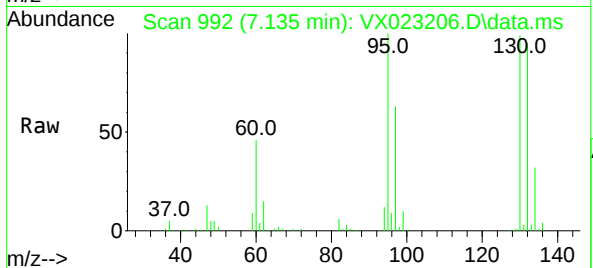
Delta R.T. -0.250 min

Lab File: VX023206.D

Acq: 08 Jul 2021 17:50

Tgt Ion: 83	Resp: 1574
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 156.8	38.1 57.1#

Instrument :
MSVOA_X
ClientSampled :



#44

Trichloroethene

Concen: 48.587 ug/l

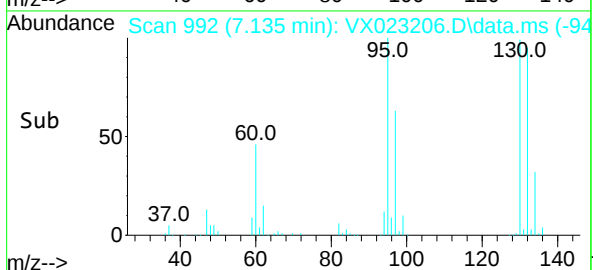
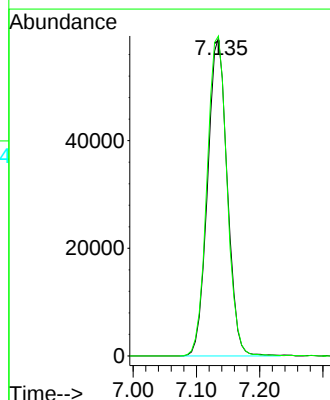
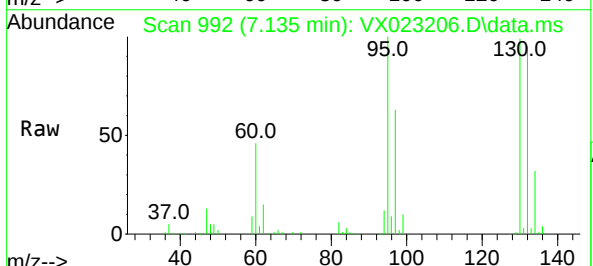
RT: 7.135 min Scan# 992

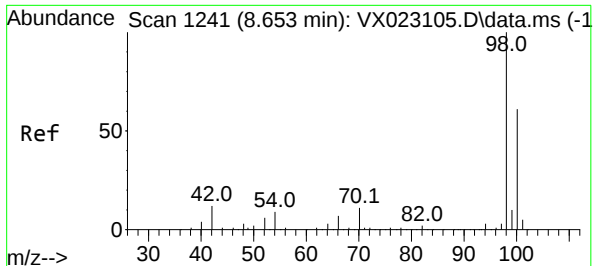
Delta R.T. -0.000 min

Lab File: VX023206.D

Acq: 08 Jul 2021 17:50

Tgt Ion: 130	Resp: 127639
Ion Ratio	Lower Upper
130 100	
95 100.6	0.0 198.0

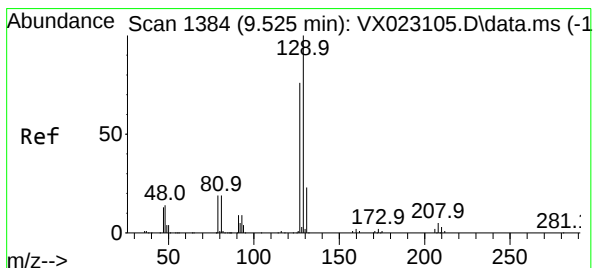
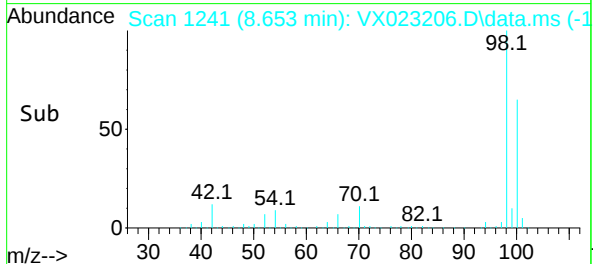
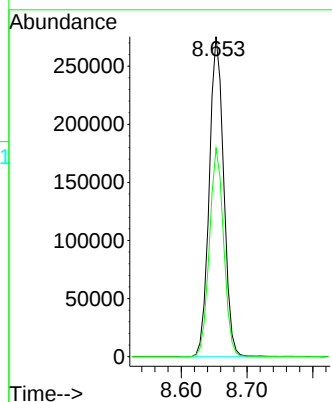
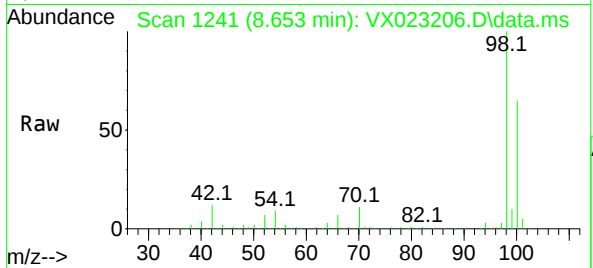




#50
Toluene-d8
Concen: 48.720 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

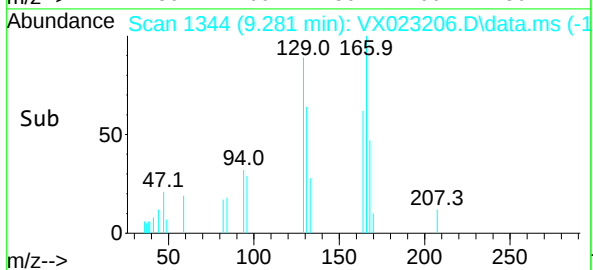
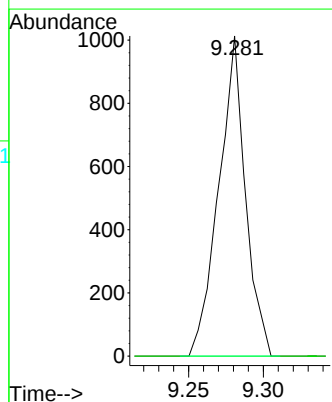
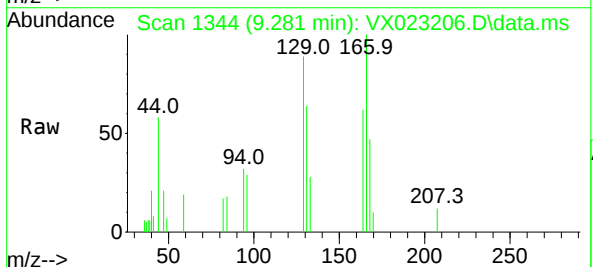
Instrument :
MSVOA_X
ClientSampled :

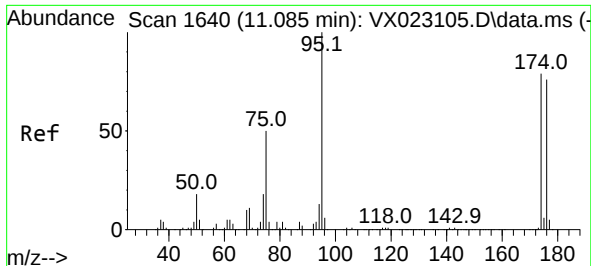
Tgt Ion: 98 Resp: 419897
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#60
Dibromochloromethane
Concen: 3.531 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

Tgt Ion: 129 Resp: 1255
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

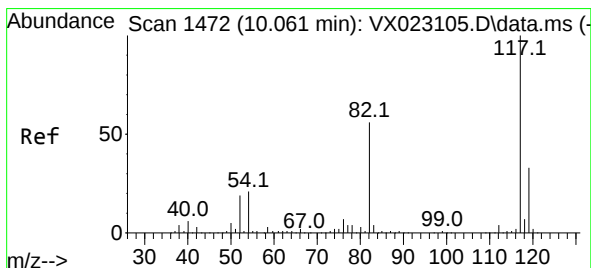
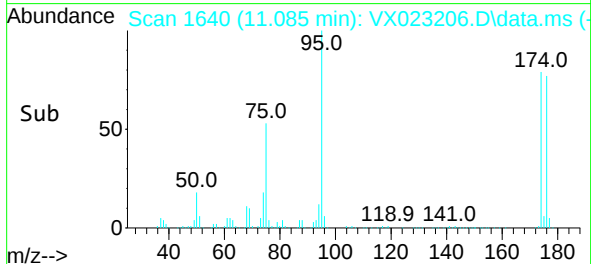
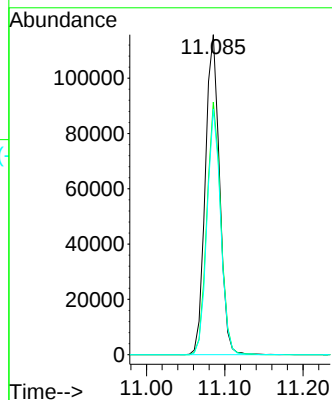
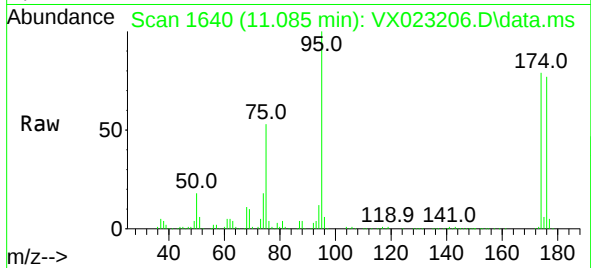




#62
4-Bromofluorobenzene
Concen: 43.837 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

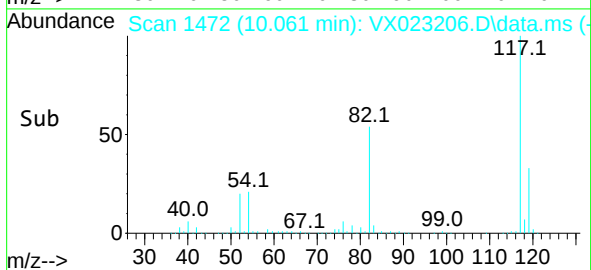
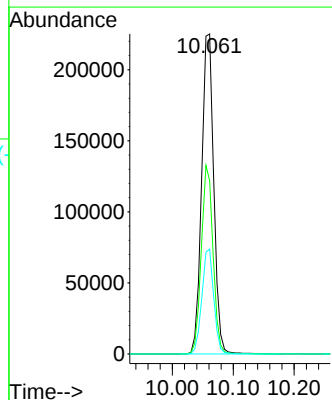
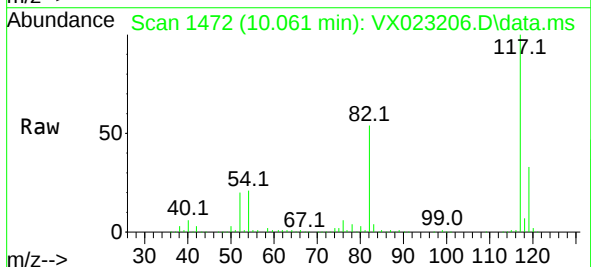
Instrument :
MSVOA_X
ClientSampled :

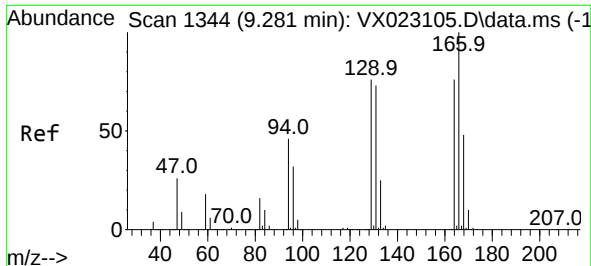
Tgt Ion: 95 Resp: 145855
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.6
176 73.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

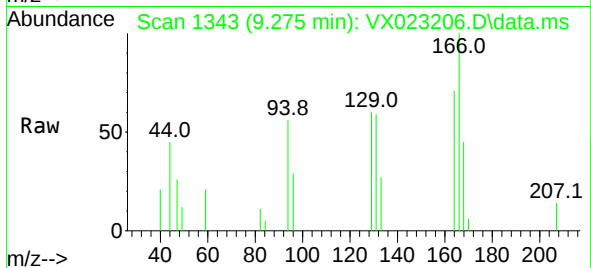
Tgt Ion: 117 Resp: 311415
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 32.8 26.6 39.8





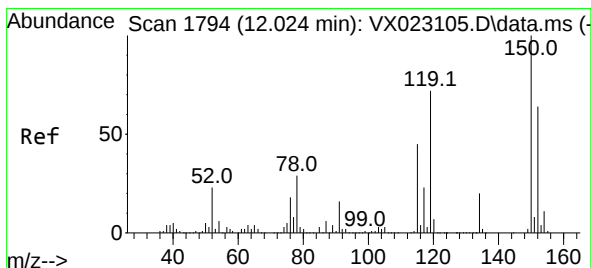
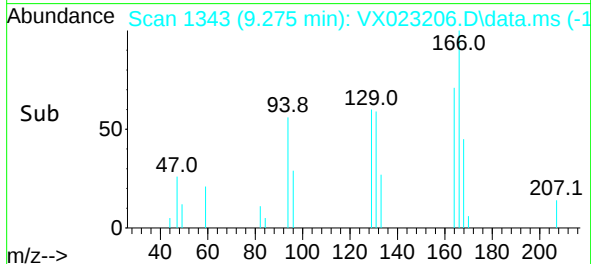
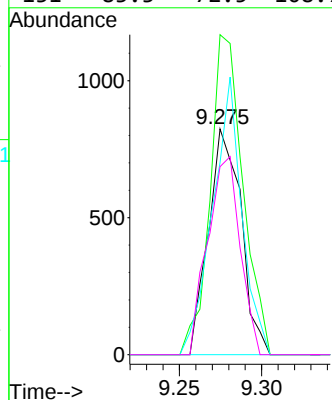
#64
Tetrachloroethene
Concen: 0.457 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 1136

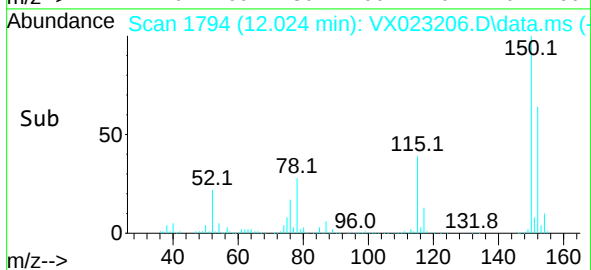
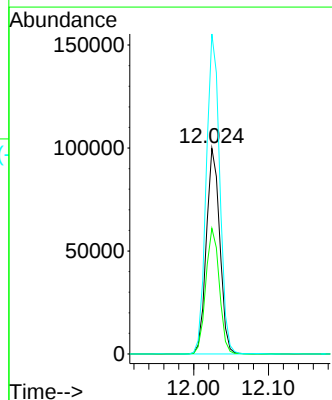
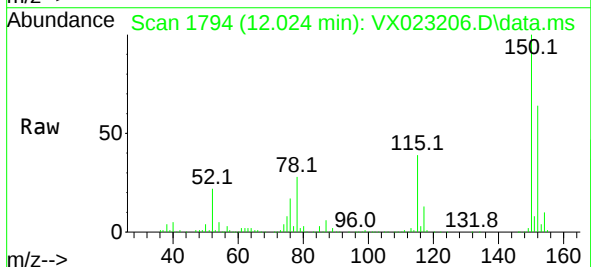
Ion	Ratio	Lower	Upper
164	100		
166	141.7	103.4	155.2
129	85.1	70.8	106.2
131	83.3	72.5	108.7

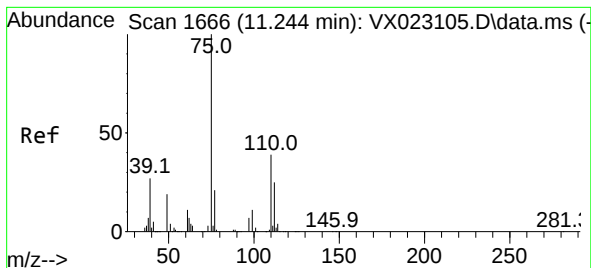


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

Tgt Ion:152 Resp: 124374

Ion	Ratio	Lower	Upper
152	100		
115	61.3	41.1	123.3
150	156.1	0.0	349.0

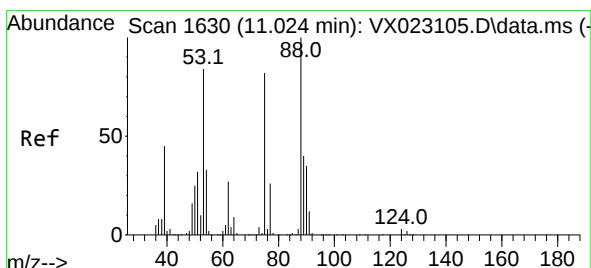
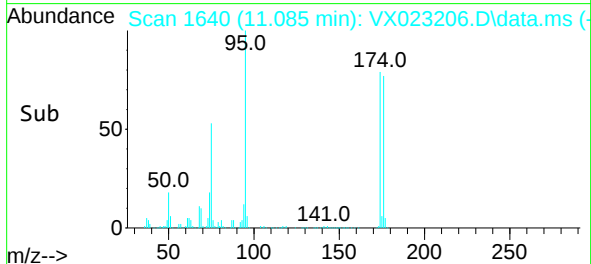
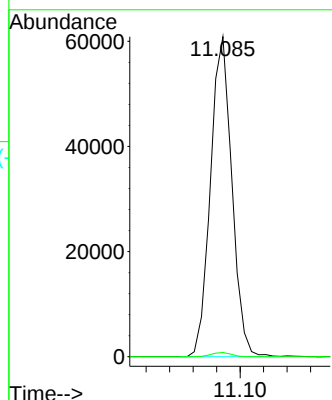
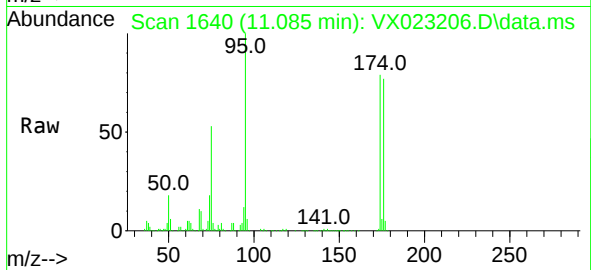




#76
1,2,3-Trichloropropane
Concen: 30.779 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

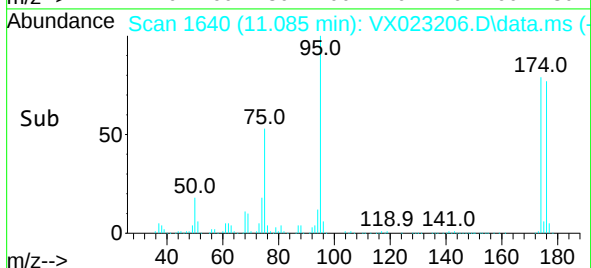
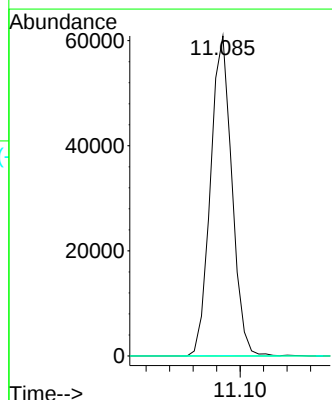
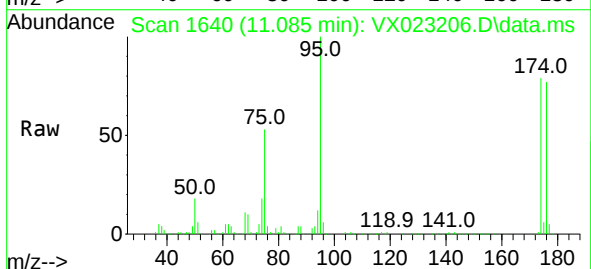
Instrument :
MSVOA_X
ClientSampled :

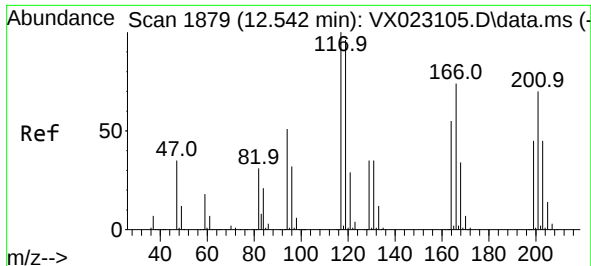
Tgt Ion: 75 Resp: 77035
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.519 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

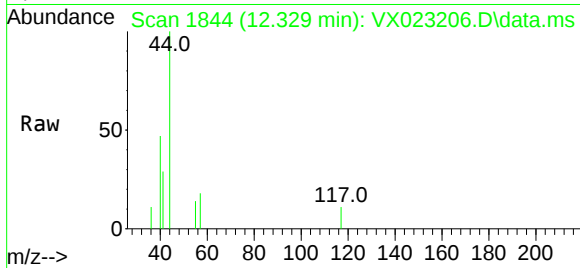
Tgt Ion: 75 Resp: 77035
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



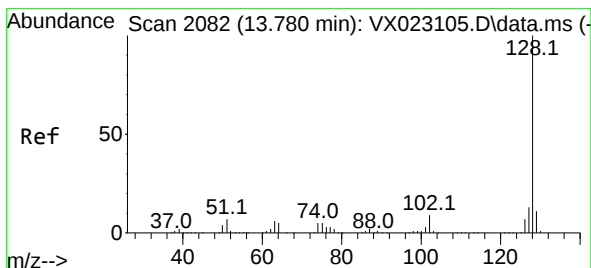
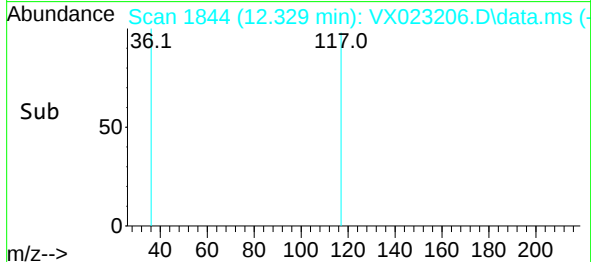
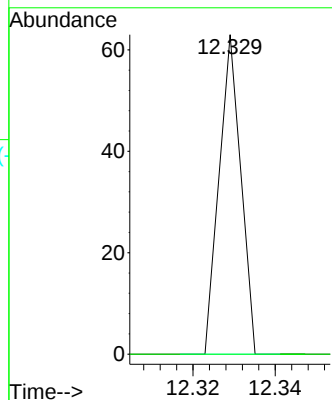


#90
Hexachloroethane
Concen: 3.012 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.213 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50

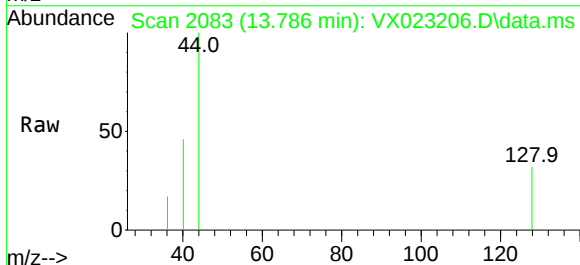
Instrument :
MSVOA_X
ClientSampled :



Tgt Ion:117 Resp: 23
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#95
Naphthalene
Concen: 1.300 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023206.D
Acq: 08 Jul 2021 17:50



Tgt Ion:128 Resp: 233
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

