

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020279.D
 Acq On : 22 Dec 2020 03:19
 Operator : JC/MD
 Sample : PB133709ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133709ZHE#10

Quant Time: Dec 22 05:18:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

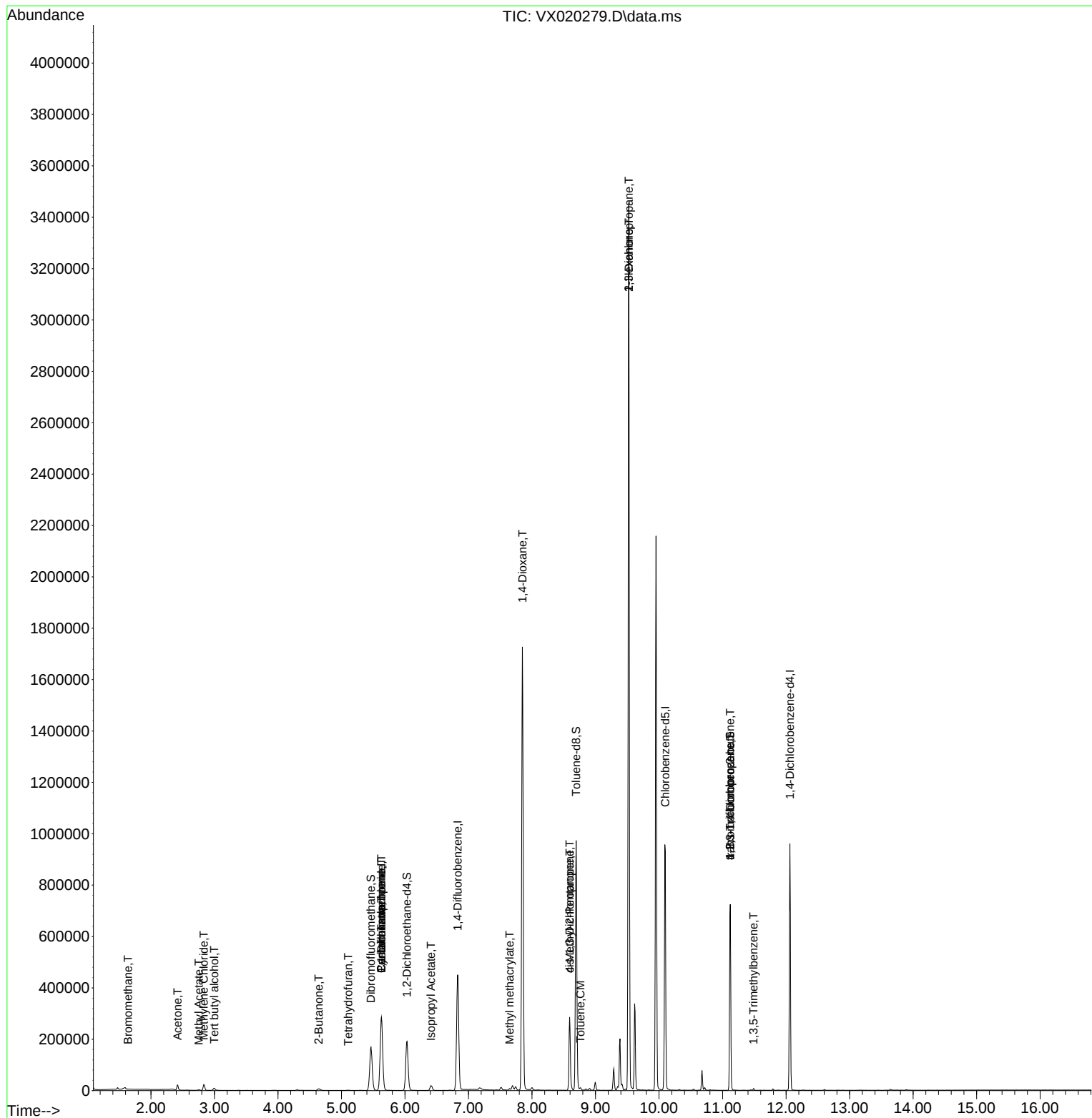
Internal Standards						
1) Pentafluorobenzene	5.629	168	268463	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	458834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	441102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	184791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	181294	50.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.76%			
35) Dibromofluoromethane	5.464	113	146210	49.81	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.62%			
50) Toluene-d8	8.695	98	574747	50.87	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.74%			
62) 4-Bromofluorobenzene	11.122	95	201514	46.60	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.20%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	417	0.35	ug/l #	55
11) Tert butyl alcohol	2.995	59	5572	6.91	ug/l #	78
16) Acetone	2.416	43	21231	12.94	ug/l	97
18) Methyl Acetate	2.751	43	3108	0.85	ug/l	95
20) Methylene Chloride	2.831	84	10635	2.87	ug/l	97
25) 2-Butanone	4.641	43	9423	3.95	ug/l	99
29) Tetrahydrofuran	5.105	42	1069	0.71	ug/l #	77
31) Cyclohexane	5.629	56	5448	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21399	4.72	ug/l #	48
38) Carbon Tetrachloride	5.629	117	26460	6.13	ug/l #	16
43) Isopropyl Acetate	6.409	43	24237	3.26	ug/l	99
48) Methyl methacrylate	7.647	41	7607	2.09	ug/l #	10
49) 1,4-Dioxane	7.848	88	262	3.07	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	89540	19.44	ug/l #	47
52) Toluene	8.763	92	2187	0.25	ug/l	94
54) cis-1,3-Dichloropropene	8.592	75	46001	8.19	ug/l #	61
57) 1,3-Dichloropropane	9.525	76	30098	4.98	ug/l #	43
59) 2-Hexanone	9.525	43	363564	103.58	ug/l #	47
76) 1,2,3-Trichloropropane	11.122	75	99234	21.80	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.488	105	2921	0.26	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.122	75	99234	64.68	ug/l #	12

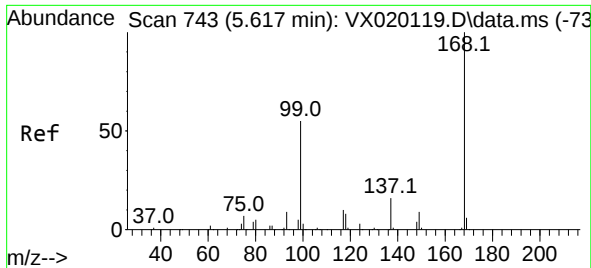
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 05:18:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

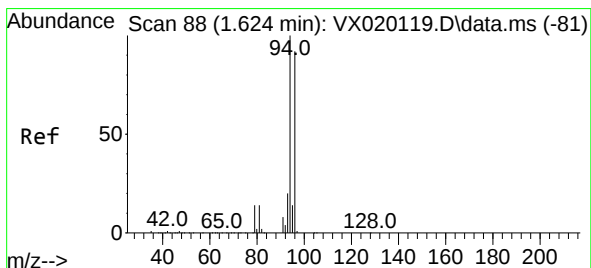
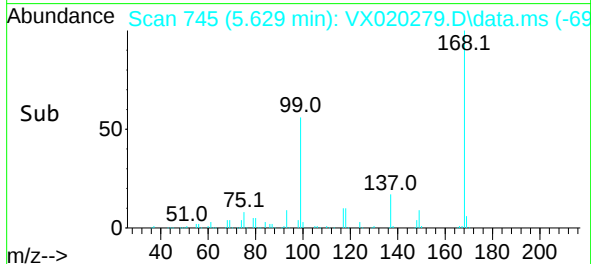
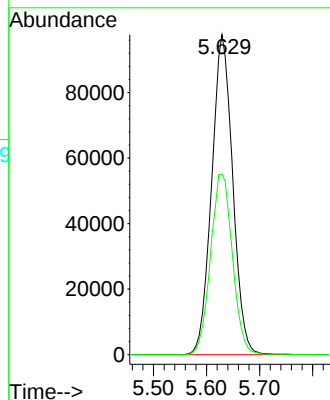
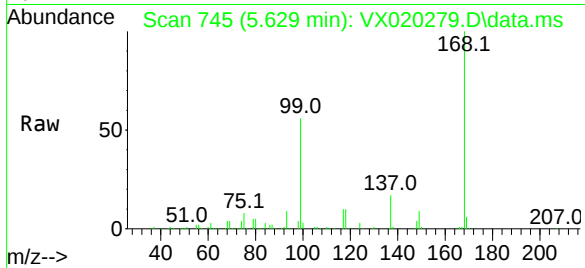




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

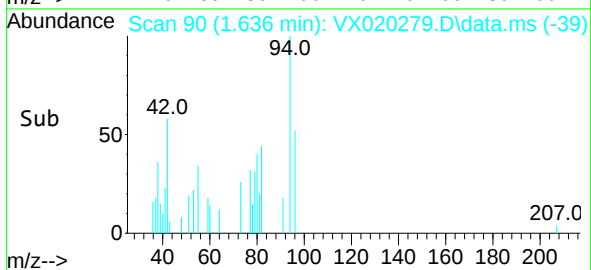
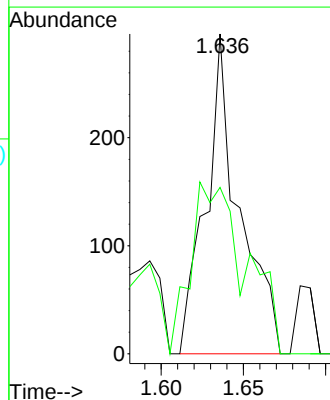
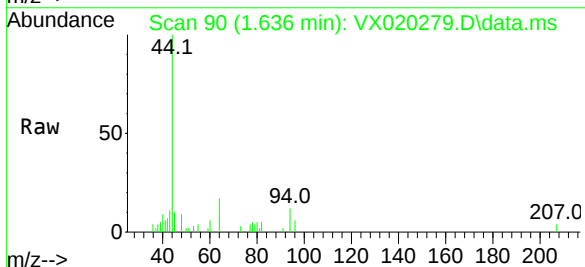
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#10

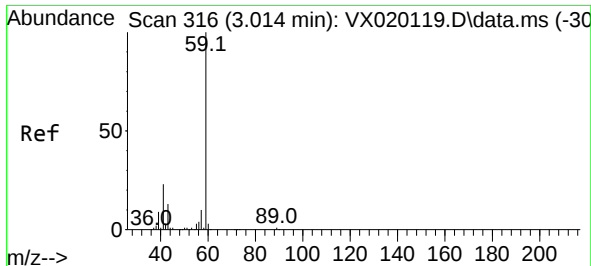
Tgt Ion:168 Resp: 268463
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6



#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

Tgt Ion: 94 Resp: 417
Ion Ratio Lower Upper
94 100
96 52.0 76.4 114.6#



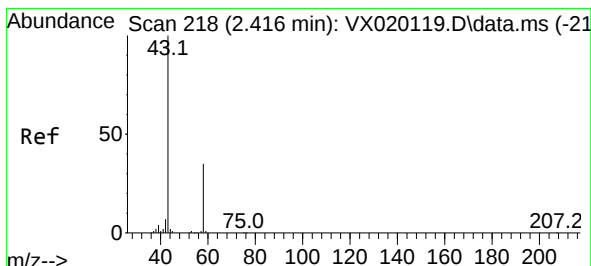
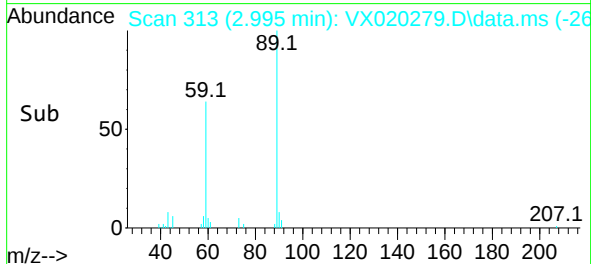
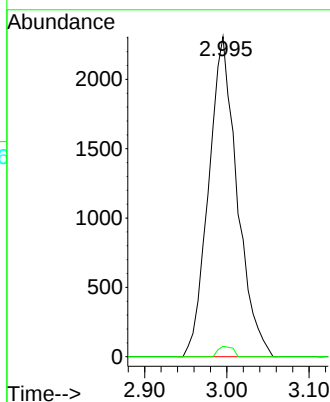
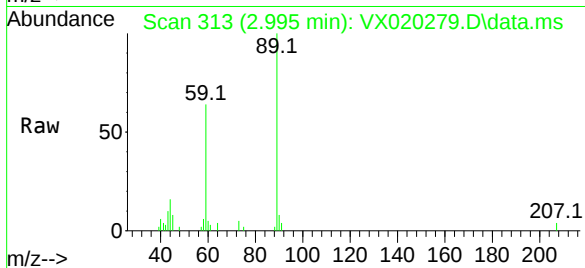


#11

Tert butyl alcohol
Concen: 6.91 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#10

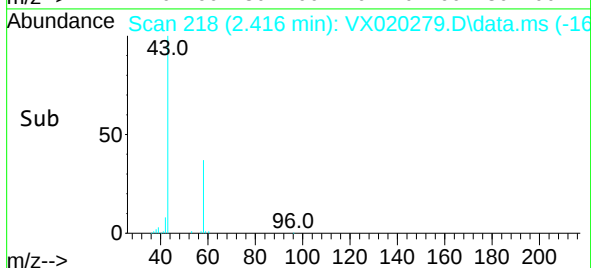
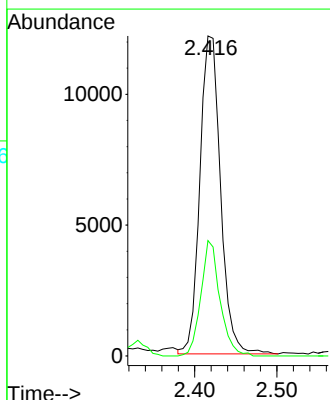
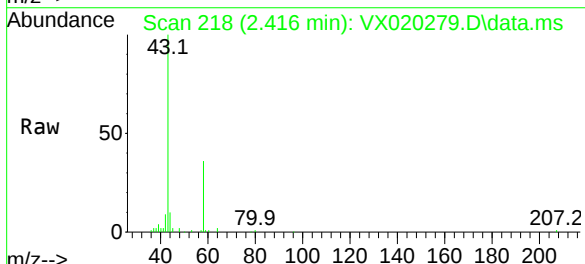
Tgt Ion: 59 Resp: 5572
Ion Ratio Lower Upper
59 100
57 1.7 7.8 11.8#

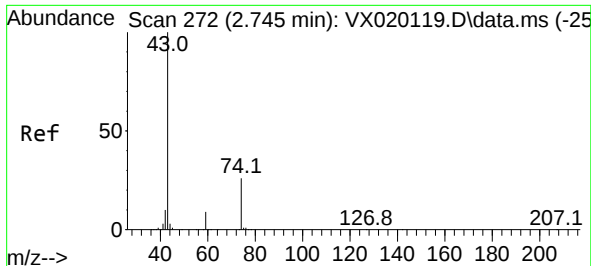


#16

Acetone
Concen: 12.94 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

Tgt Ion: 43 Resp: 21231
Ion Ratio Lower Upper
43 100
58 36.3 27.8 41.8

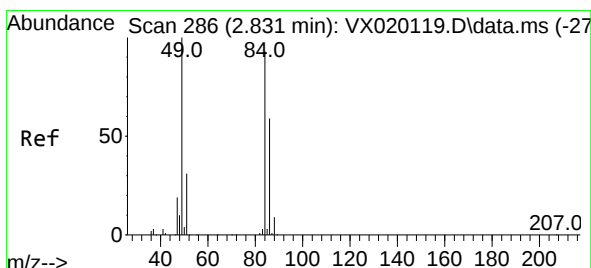
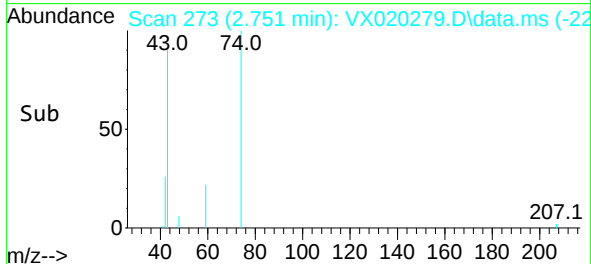
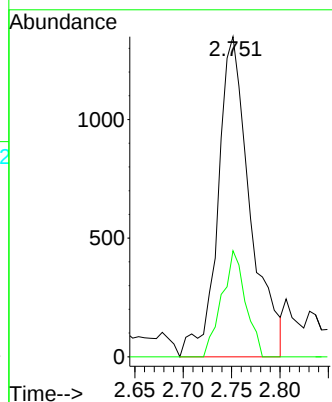
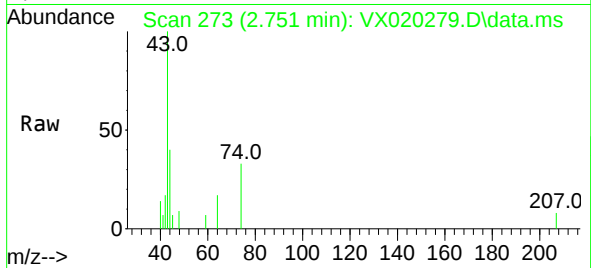




#18
Methyl Acetate
Concen: 0.85 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

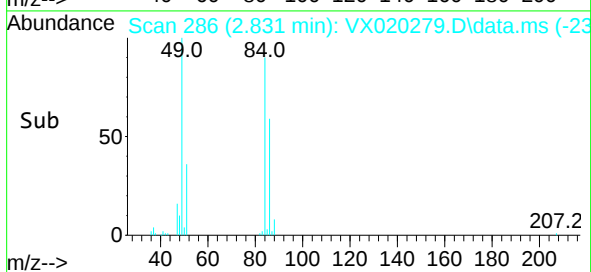
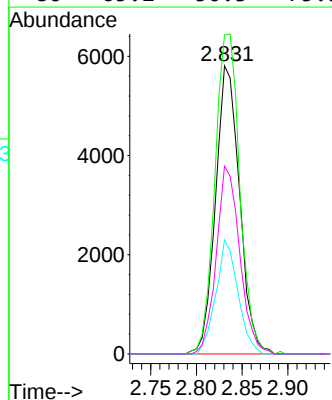
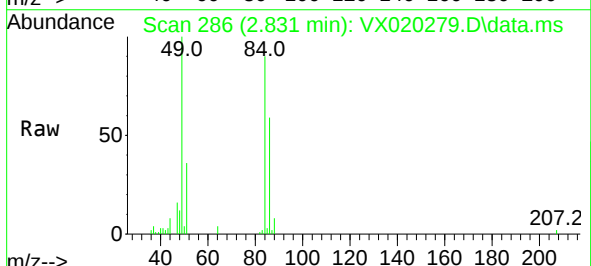
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#10

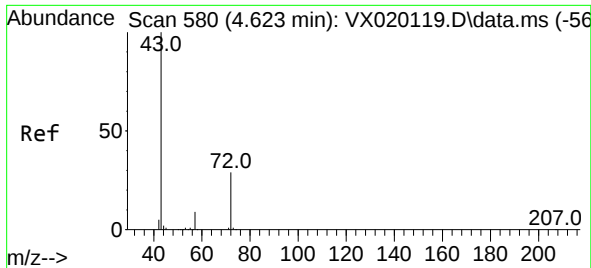
Tgt Ion: 43 Resp: 3108
Ion Ratio Lower Upper
43 100
74 24.6 21.9 32.9



#20
Methylene Chloride
Concen: 2.87 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

Tgt Ion: 84 Resp: 10635
Ion Ratio Lower Upper
84 100
49 110.7 88.6 132.8
51 39.6 27.0 40.6
86 65.2 50.3 75.5

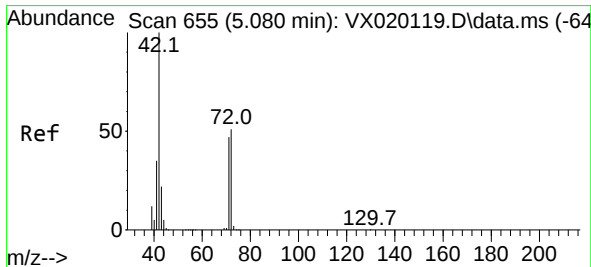
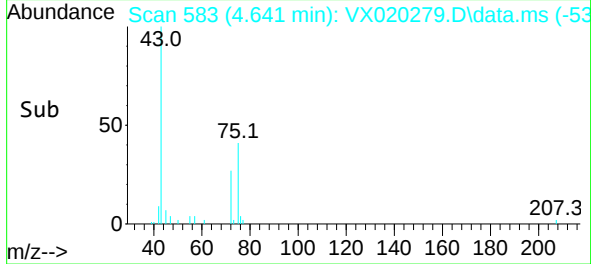
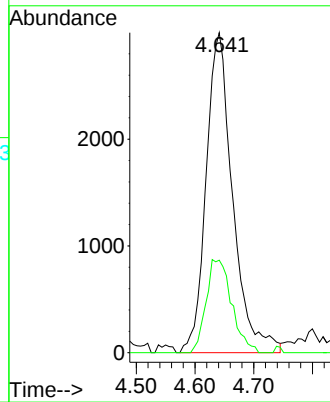
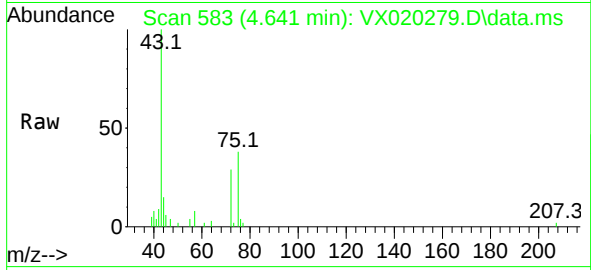




#25
2-Butanone
Concen: 3.95 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

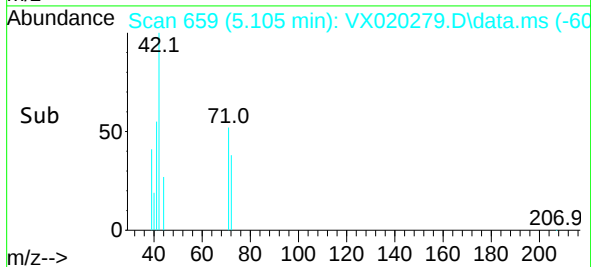
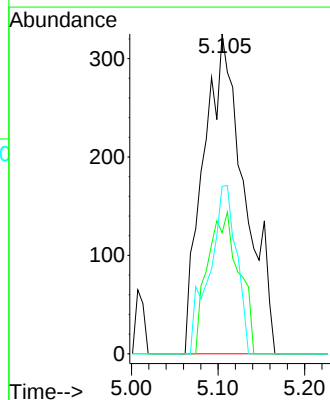
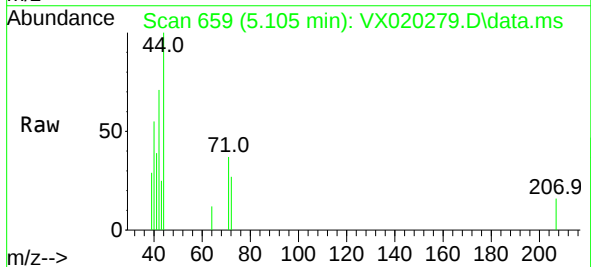
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#10

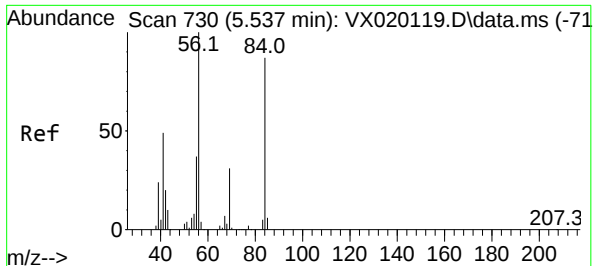
Tgt Ion: 43 Resp: 9423
Ion Ratio Lower Upper
43 100
72 28.9 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.71 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.025 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

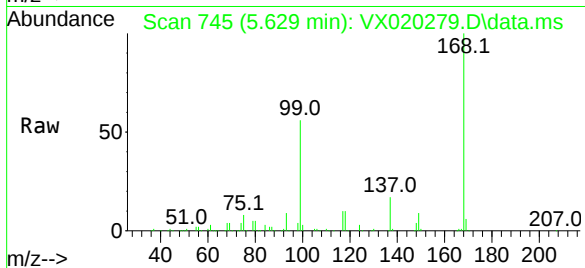
Tgt Ion: 42 Resp: 1069
Ion Ratio Lower Upper
42 100
72 33.9 41.7 62.5#
71 34.7 38.4 57.6#



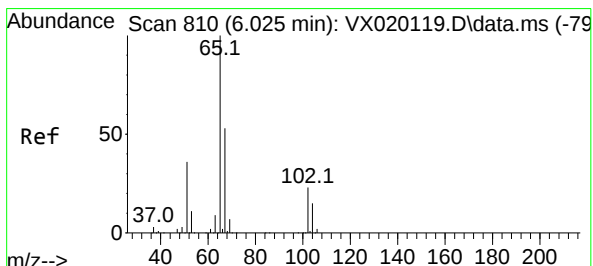
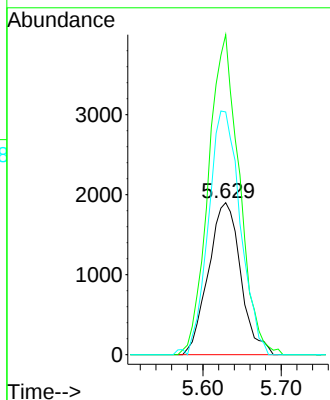
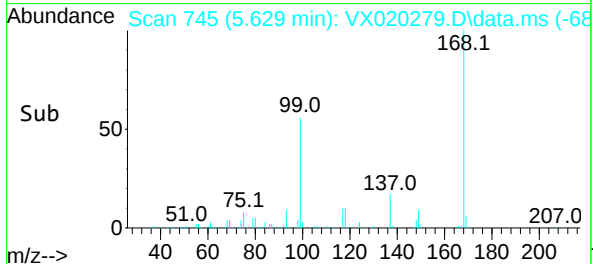


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

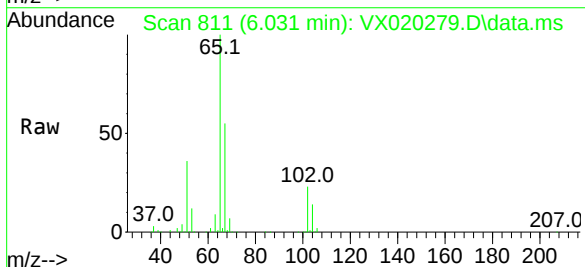
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MSVOA_X
ClientSampleId :
PB133709ZHE#10



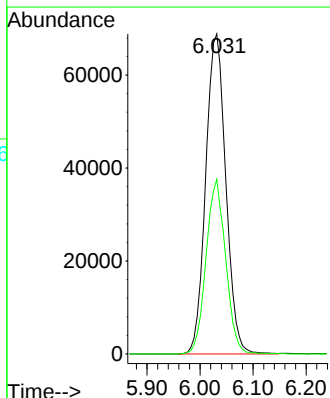
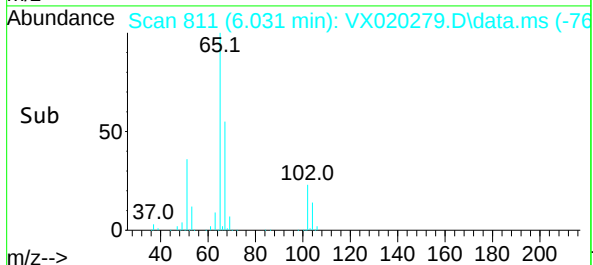
Tgt Ion: 56 Resp: 5448
Ion Ratio Lower Upper
56 100
69 210.4 25.3 37.9#
84 159.7 71.4 107.0#

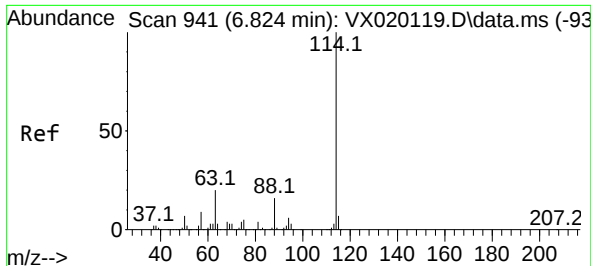


#33
1,2-Dichloroethane-d4
Concen: 50.38 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19



Tgt Ion: 65 Resp: 181294
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

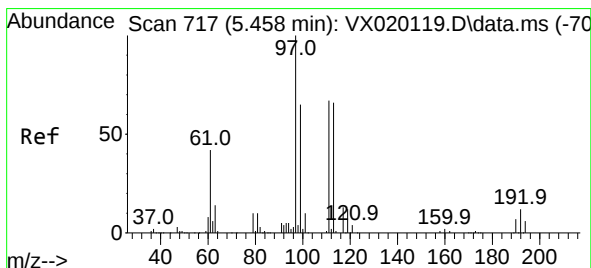
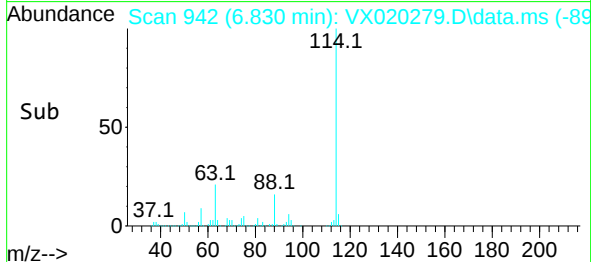
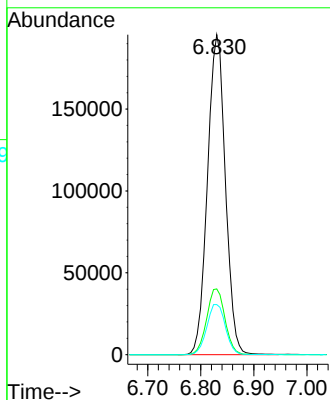
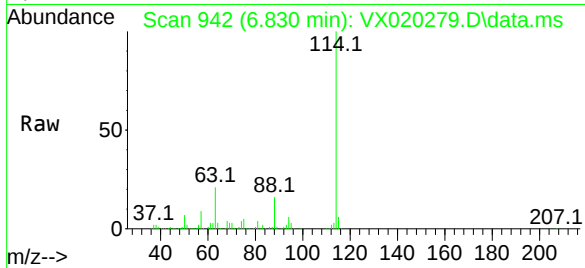




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

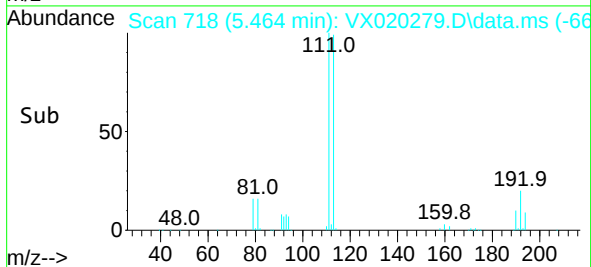
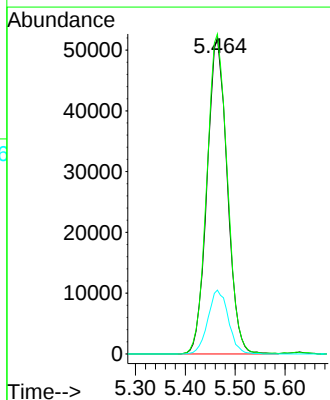
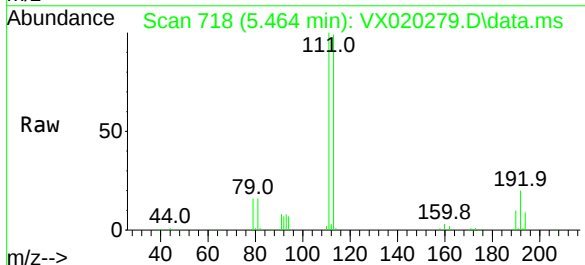
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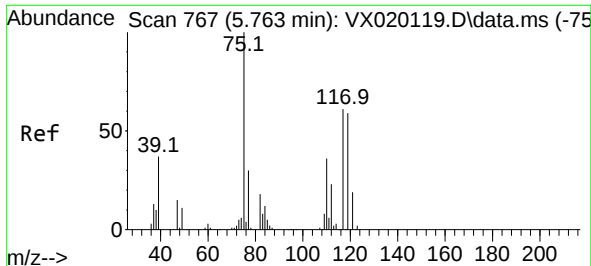
Tgt Ion:114 Resp: 458834
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.81 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

Tgt Ion:113 Resp: 146210
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.4 16.7 25.1

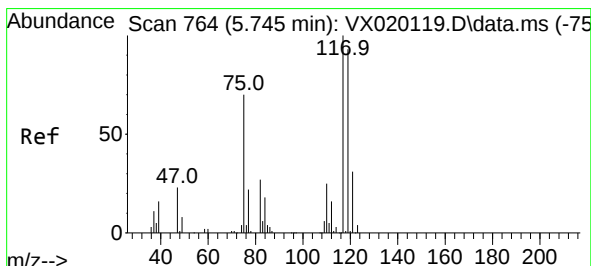
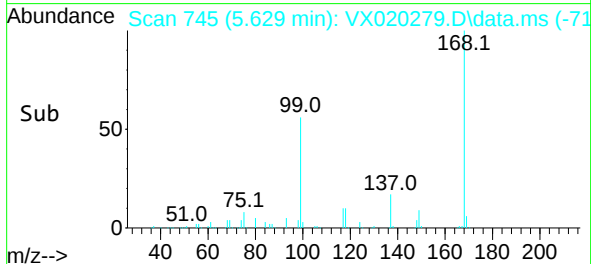
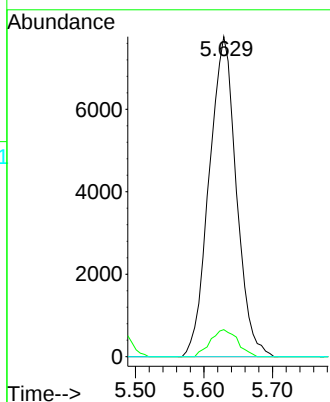
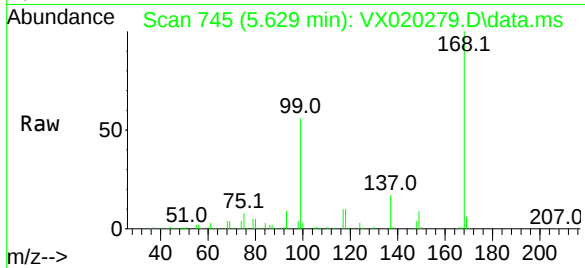




#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

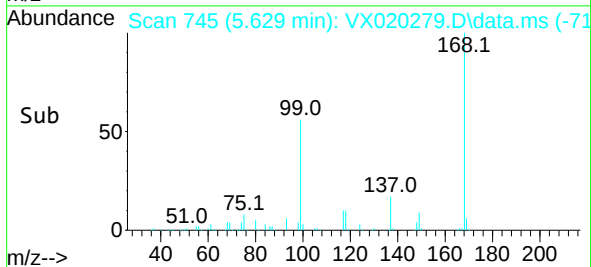
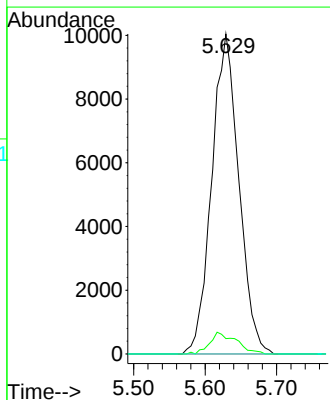
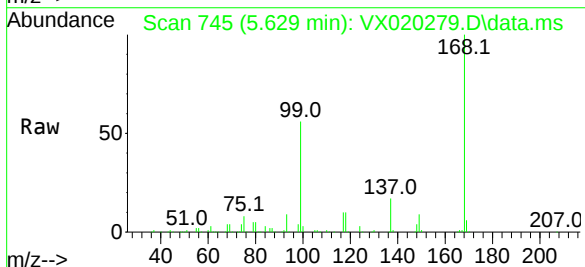
Instrument :
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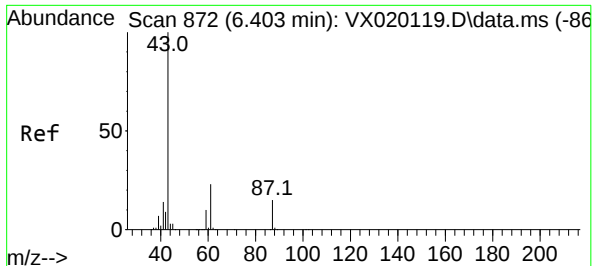
Tgt Ion: 75 Resp: 21399
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

Tgt Ion: 117 Resp: 26460
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

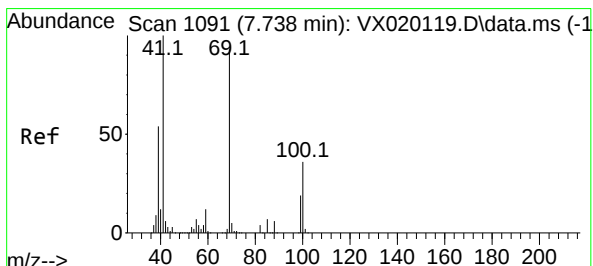
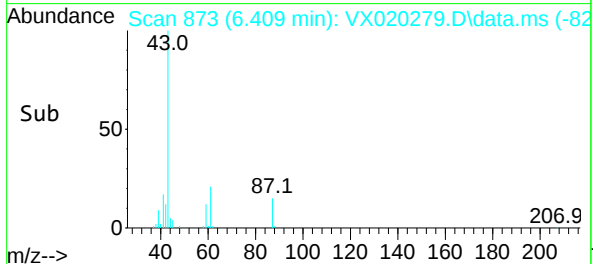
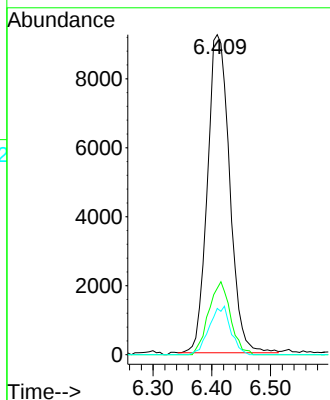
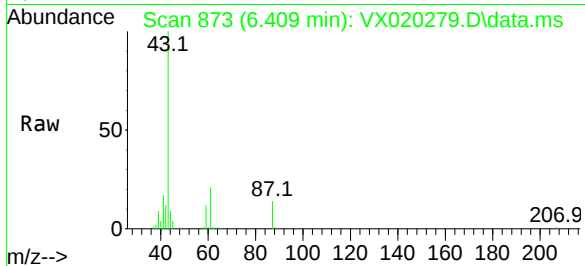




#43
Isopropyl Acetate
Concen: 3.26 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

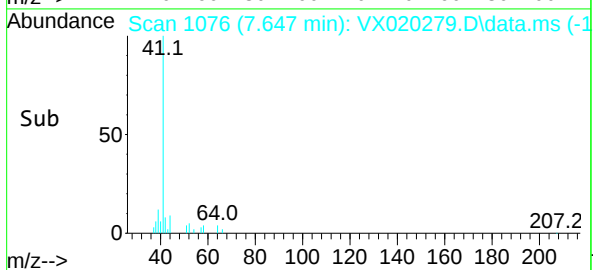
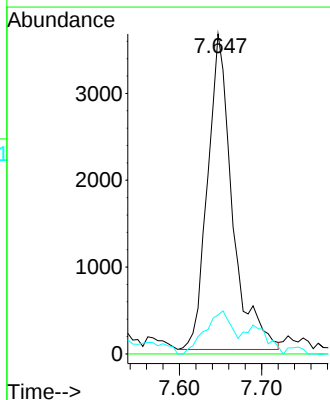
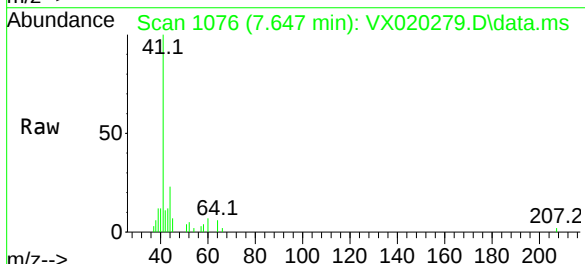
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#10

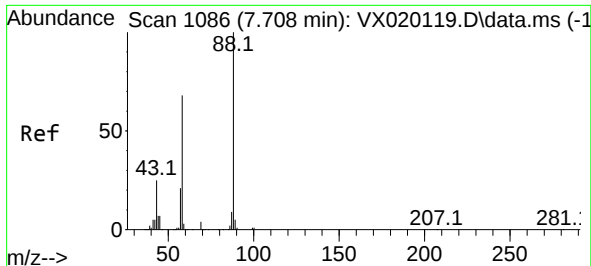
Tgt Ion:	43	Resp:	24237
Ion	Ratio	Lower	Upper
43	100		
61	22.5	18.2	27.4
87	14.7	12.5	18.7



#48
Methyl methacrylate
Concen: 2.09 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.091 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

Tgt Ion:	41	Resp:	7607
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

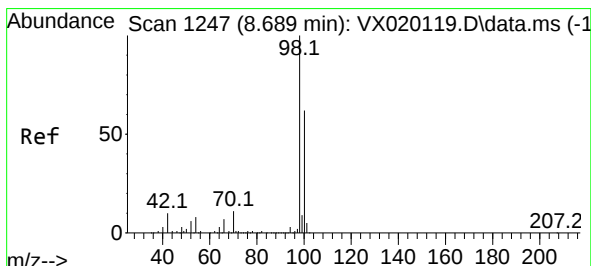
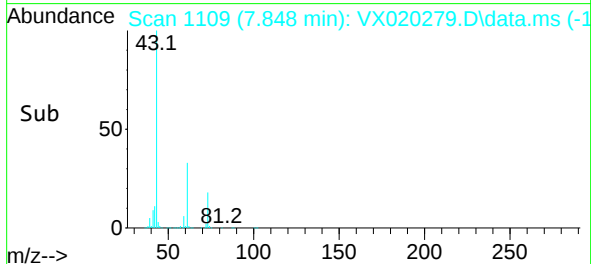
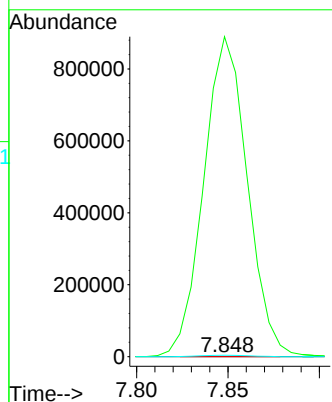
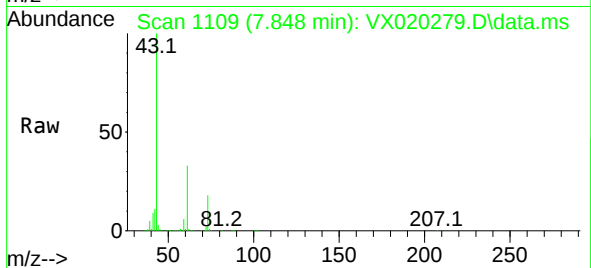




#49
1,4-Dioxane
Concen: 3.07 ug/l
RT: 7.848 min Scan# 1109
Delta R.T. 0.140 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

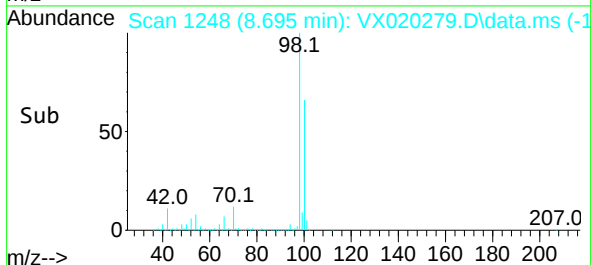
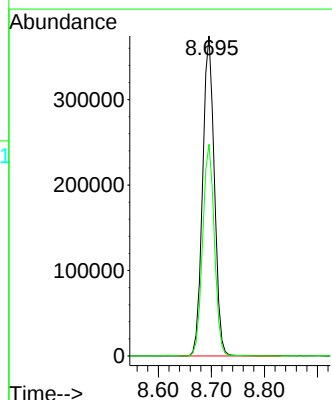
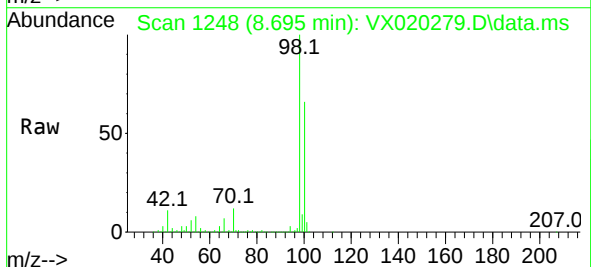
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#10

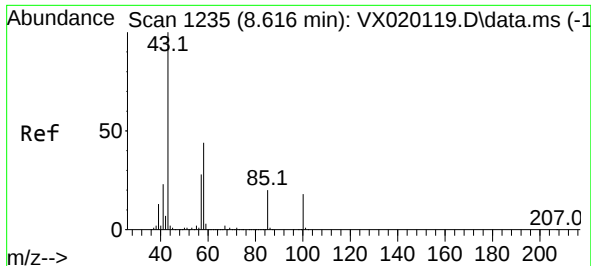
Tgt Ion: 88 Resp: 262
Ion Ratio Lower Upper
88 100
43 566870.2 23.2 34.8#
58 3116.0 55.0 82.4#



#50
Toluene-d8
Concen: 50.87 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

Tgt Ion: 98 Resp: 574747
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

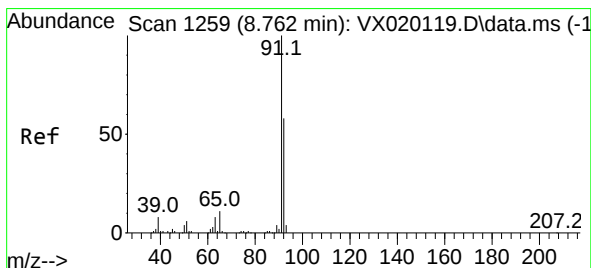
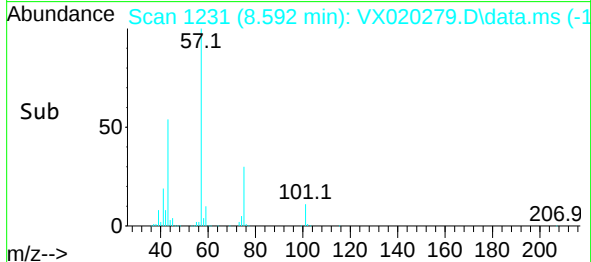
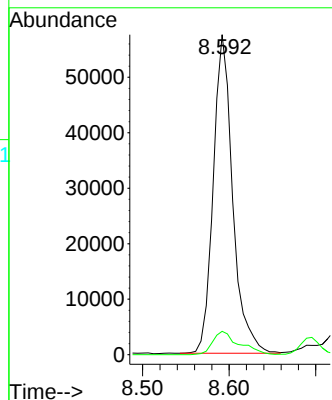
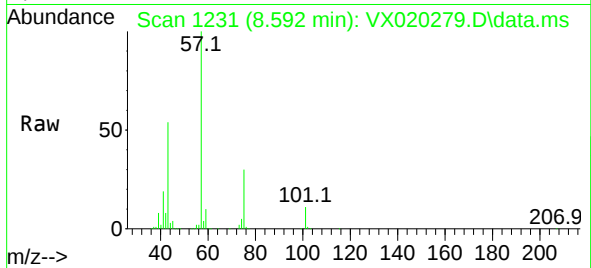




#51
4-Methyl-2-Pentanone
Concen: 19.44 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

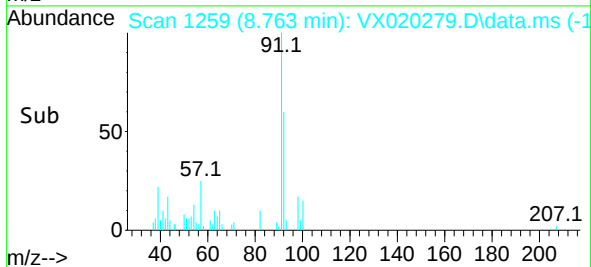
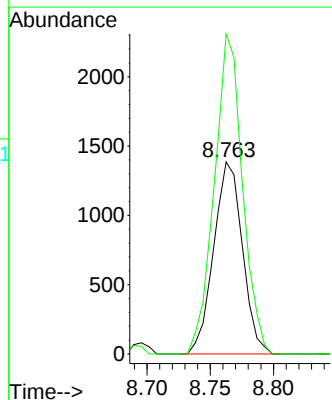
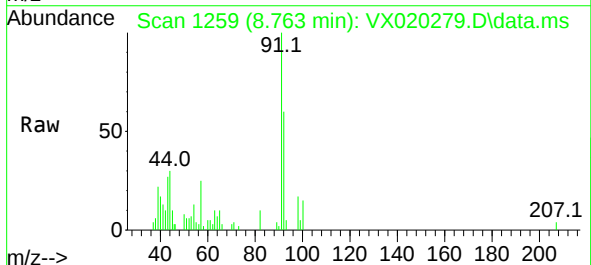
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#10

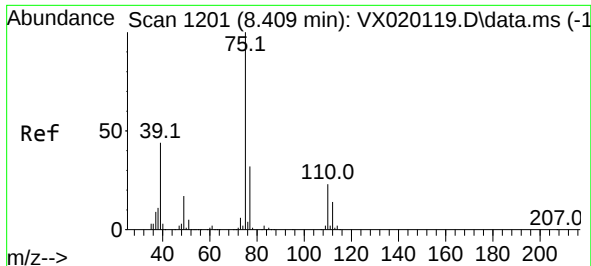
Tgt Ion: 43 Resp: 89540
Ion Ratio Lower Upper
43 100
58 9.9 35.4 53.0#



#52
Toluene
Concen: 0.25 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

Tgt Ion: 92 Resp: 2187
Ion Ratio Lower Upper
92 100
91 163.5 137.1 205.7

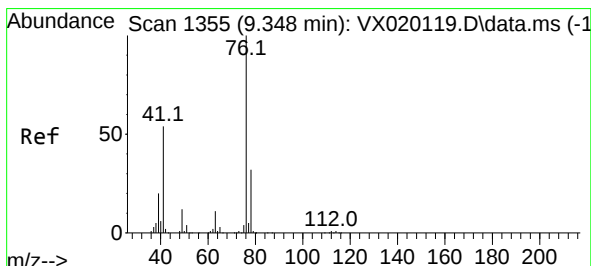
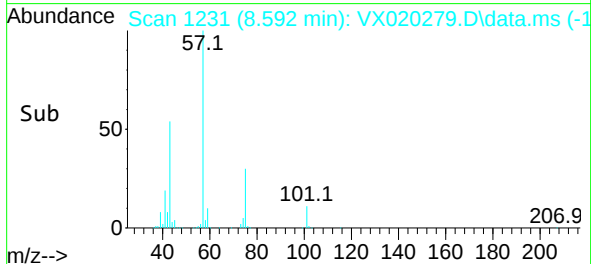
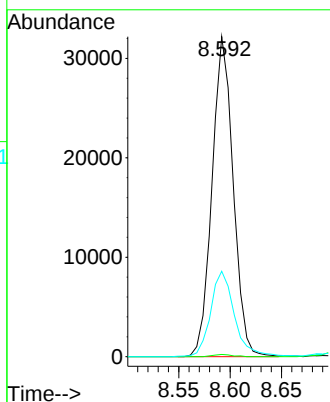
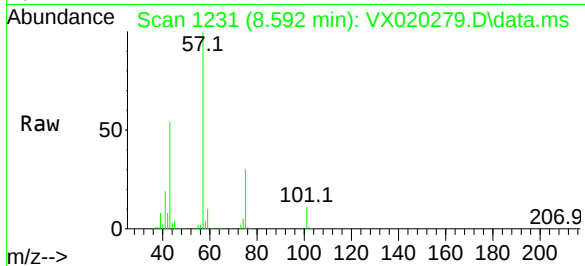




#54
cis-1,3-Dichloropropene
Concen: 8.19 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

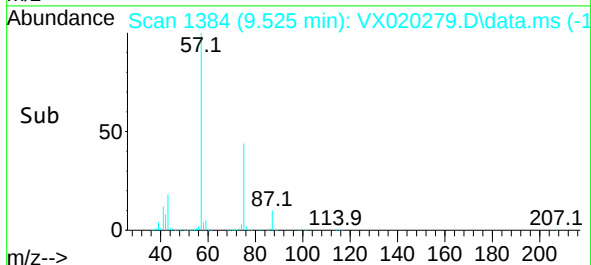
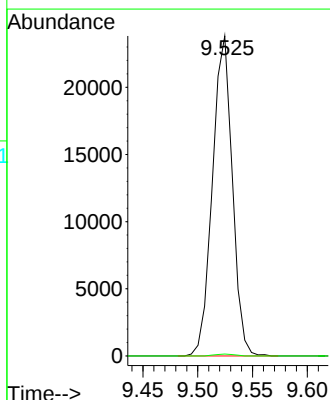
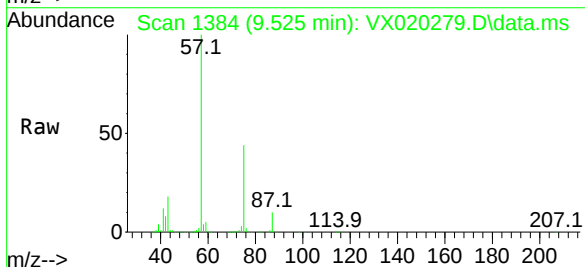
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#10

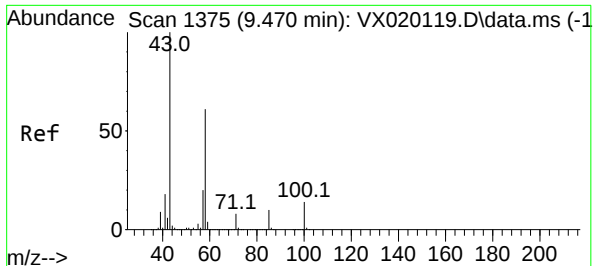
Tgt Ion: 75 Resp: 46001
Ion Ratio Lower Upper
75 100
77 0.7 25.7 38.5#
39 26.5 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 4.98 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

Tgt Ion: 76 Resp: 30098
Ion Ratio Lower Upper
76 100
78 0.6 26.2 39.2#

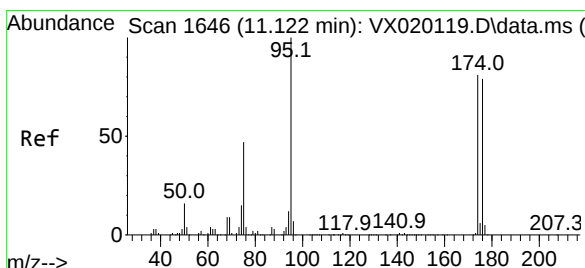
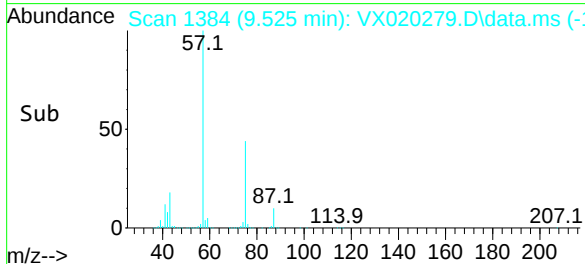
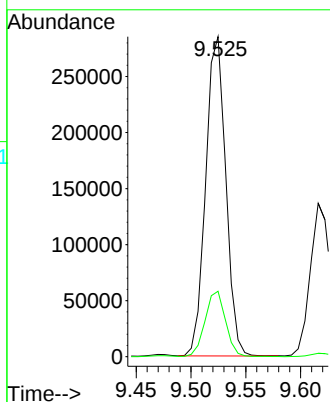
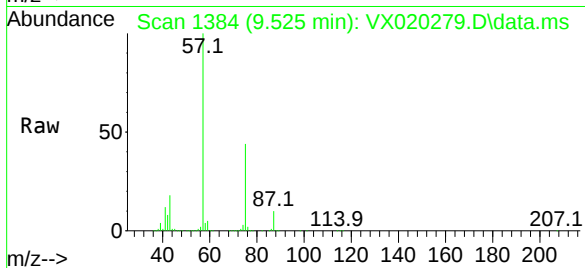




#59
2-Hexanone
Concen: 103.58 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

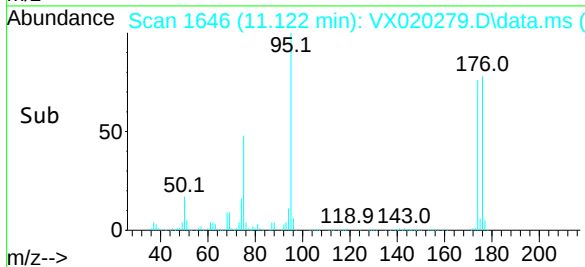
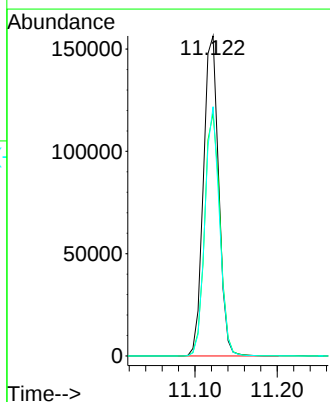
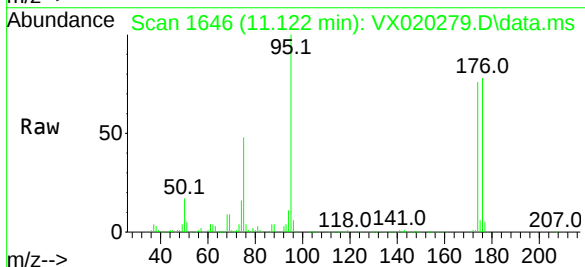
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#10

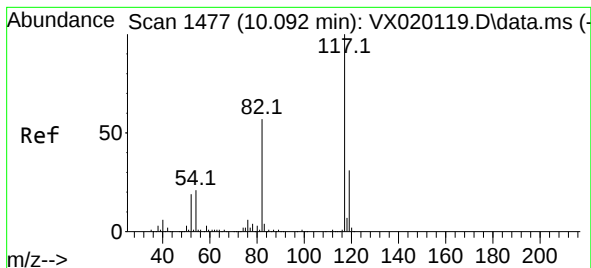
Tgt Ion: 43 Resp: 363564
Ion Ratio Lower Upper
43 100
58 20.9 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.60 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

Tgt Ion: 95 Resp: 201514
Ion Ratio Lower Upper
95 100
174 76.2 0.0 154.6
176 74.6 0.0 155.8

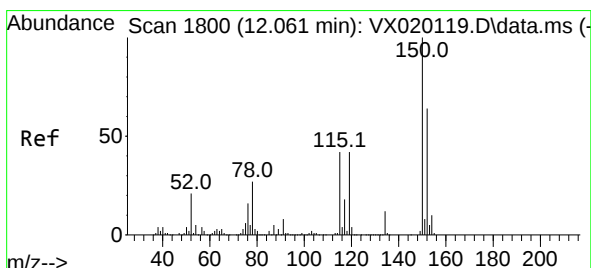
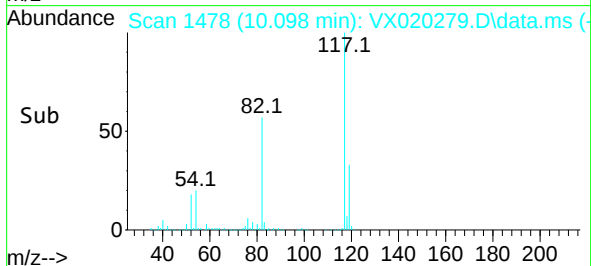
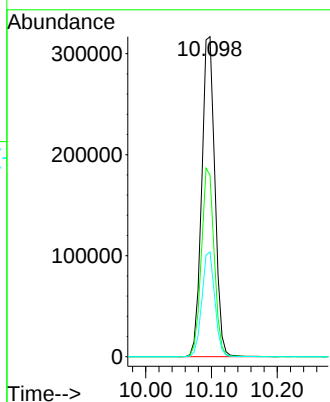
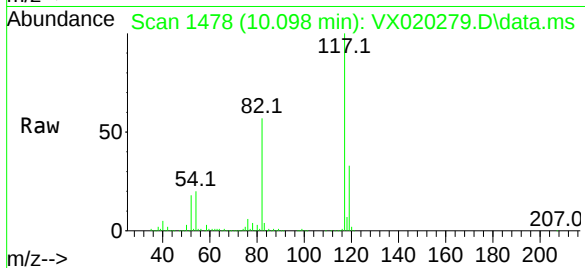




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

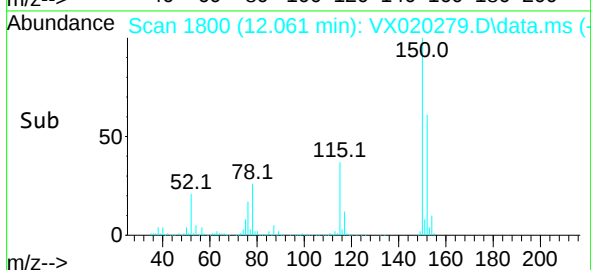
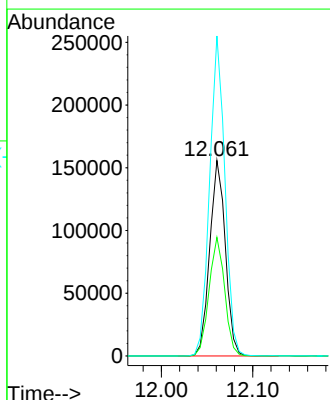
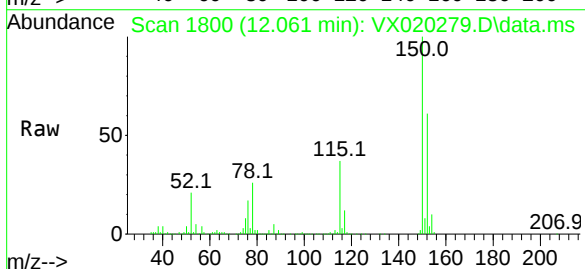
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#10

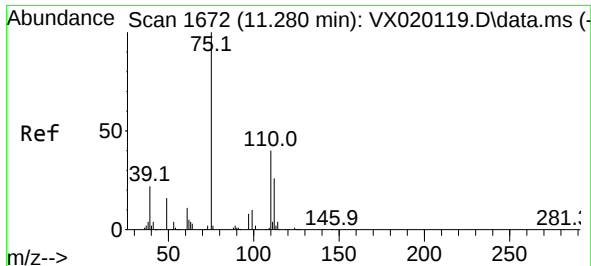
Tgt Ion:117 Resp: 441102
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

Tgt Ion:152 Resp: 184791
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 159.8 0.0 349.0

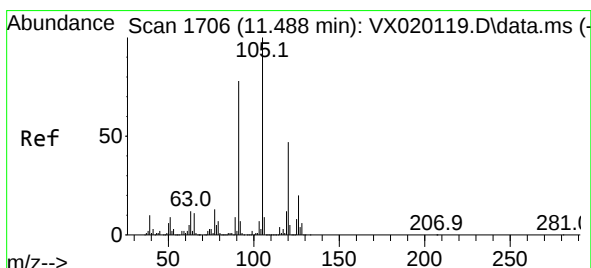
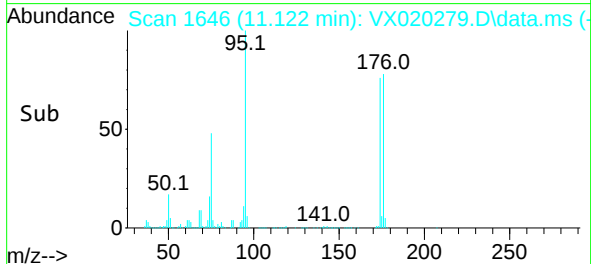
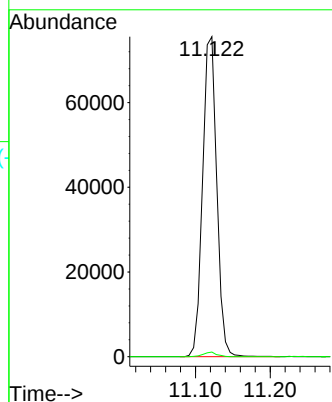
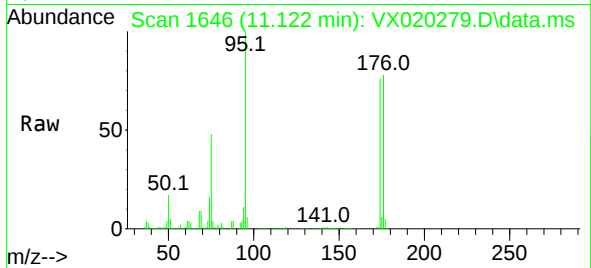




#76
1,2,3-Trichloropropane
Concen: 21.80 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

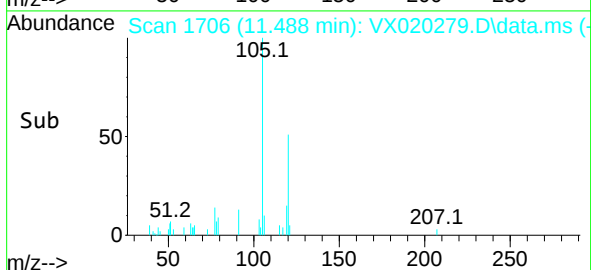
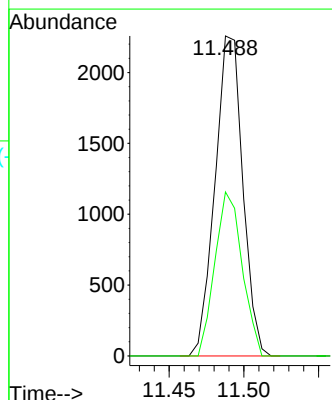
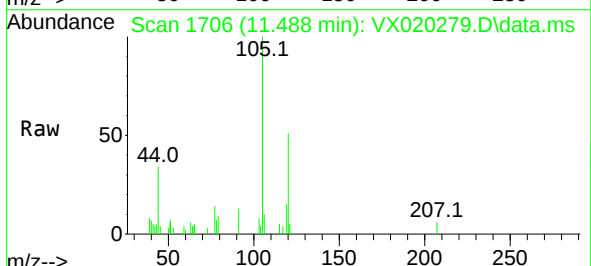
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#10

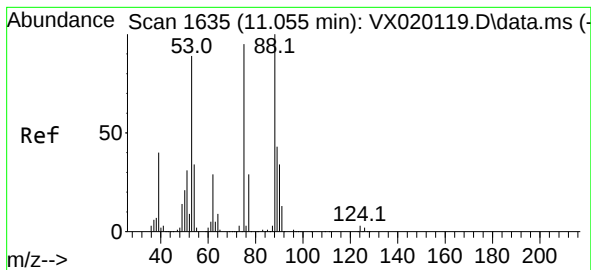
Tgt Ion: 75 Resp: 99234
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020279.D
Acq: 22 Dec 2020 03:19

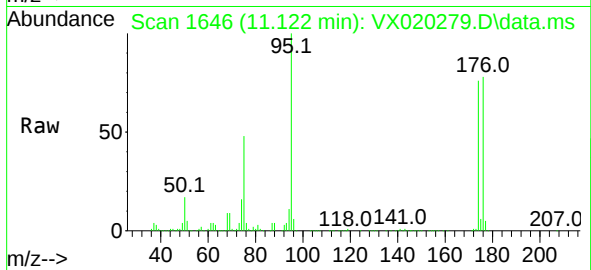
Tgt Ion: 105 Resp: 2921
Ion Ratio Lower Upper
105 100
120 50.1 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.68 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020279.D
 Acq: 22 Dec 2020 03:19

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133709ZHE#10



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

