

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123120\
 Data File : VX020481.D
 Acq On : 31 Dec 2020 14:25
 Operator : JC/MD
 Sample : PB133875TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133875TB

Quant Time: Jan 01 00:10:10 2021
 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)

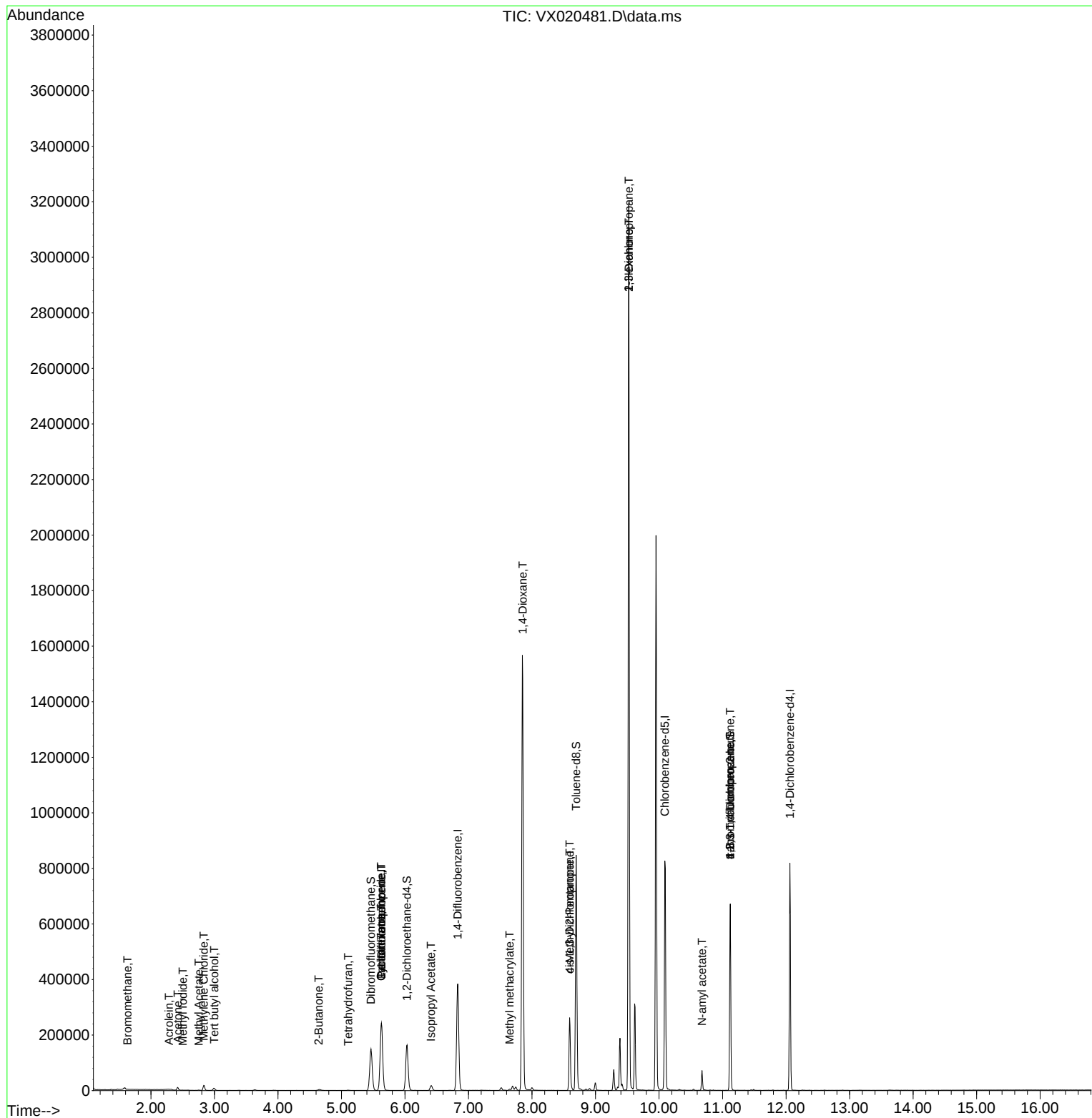
Internal Standards						
1) Pentafluorobenzene	5.629	168	233618	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	391200	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	389215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	167360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	155792	49.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.50%		
35) Dibromofluoromethane	5.464	113	127936	51.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.24%		
50) Toluene-d8	8.696	98	497530	51.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.30%		
62) 4-Bromofluorobenzene	11.122	95	178905	48.53	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.06%		
Target Compounds					Qvalue	
5) Bromomethane	1.630	94	549	0.53	ug/l	99
10) Methyl Iodide	2.502	142	377	3.40	ug/l #	87
11) Tert butyl alcohol	2.995	59	4648	6.63	ug/l #	73
13) Acrolein	2.282	56	133	0.30	ug/l #	71
16) Acetone	2.422	43	10765	7.54	ug/l	98
18) Methyl Acetate	2.751	43	1420	0.45	ug/l #	88
20) Methylene Chloride	2.831	84	8438	2.62	ug/l	91
25) 2-Butanone	4.641	43	2654	1.28	ug/l	90
29) Tetrahydrofuran	5.105	42	878	0.67	ug/l #	86
31) Cyclohexane	5.623	56	4658	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	18095	4.68	ug/l #	48
38) Carbon Tetrachloride	5.623	117	22966	6.25	ug/l #	17
43) Isopropyl Acetate	6.409	43	22702	3.58	ug/l	99
48) Methyl methacrylate	7.647	41	7142	2.30	ug/l #	10
49) 1,4-Dioxane	7.854	88	232	3.19	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	81958	20.87	ug/l #	46
54) cis-1,3-Dichloropropene	8.592	75	43050	8.99	ug/l #	63
57) 1,3-Dichloropropane	9.525	76	27673	5.37	ug/l #	43
59) 2-Hexanone	9.525	43	336075	112.31	ug/l #	46
74) N-amyl acetate	10.677	43	15033	3.09	ug/l #	49
76) 1,2,3-Trichloropropane	11.122	75	87051	21.12	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	87051	62.65	ug/l #	12

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

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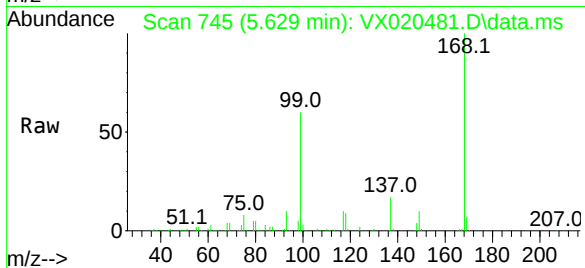
Quant Time: Jan 01 00:10:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
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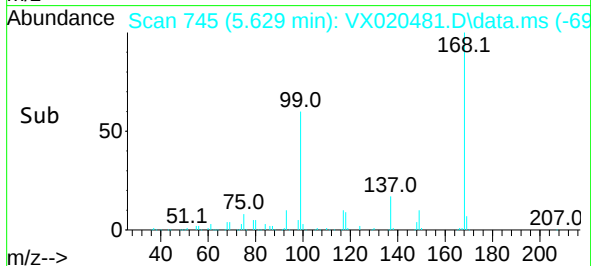
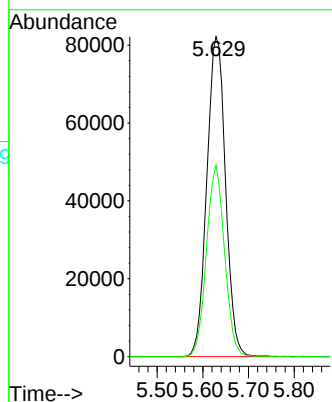


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Instrument :
MSVOA_X
ClientSampleId :
PB133875TB

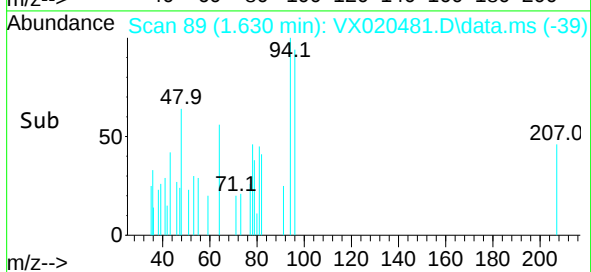
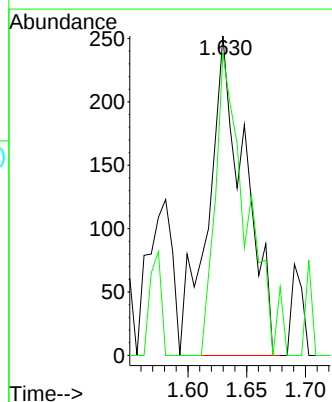
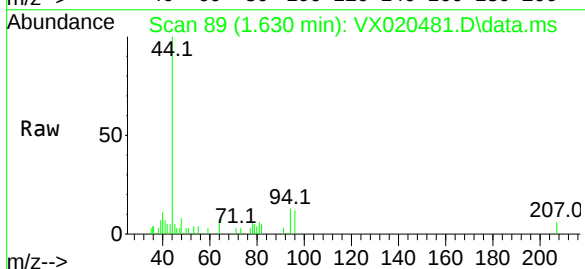


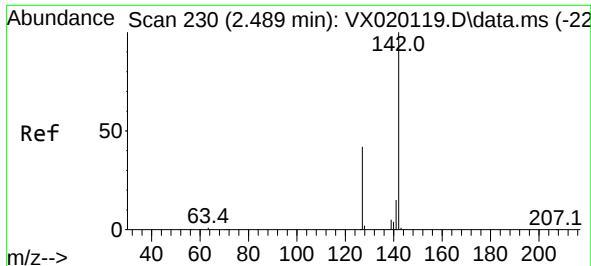
Tgt Ion:168 Resp: 233618
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.6



#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

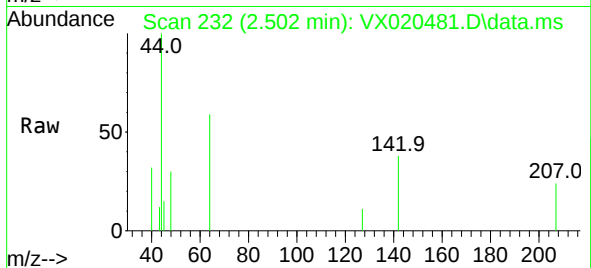
Tgt Ion: 94 Resp: 549
Ion Ratio Lower Upper
94 100
96 94.4 76.4 114.6



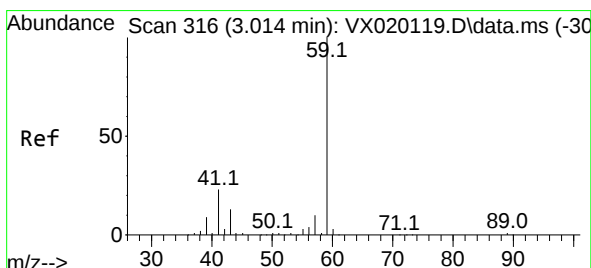
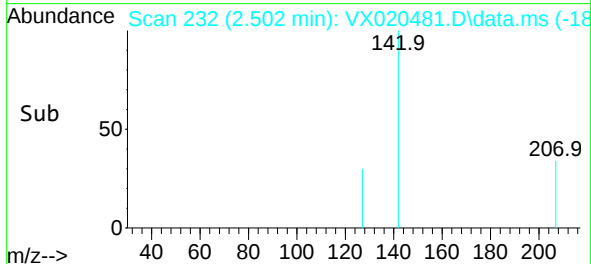
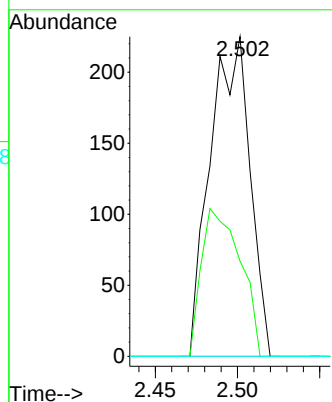


#10
Methyl Iodide
Concen: 3.40 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Instrument :
MSVOA_X
ClientSampleId :
PB133875TB

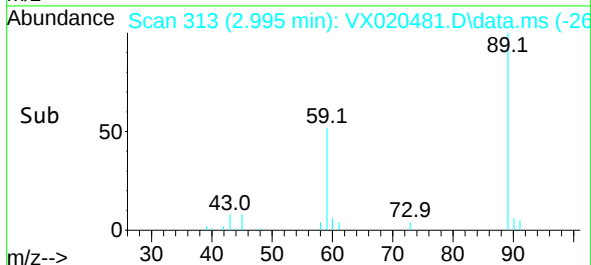
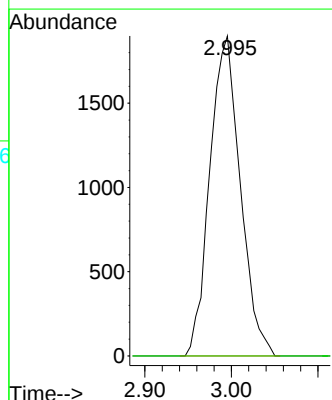
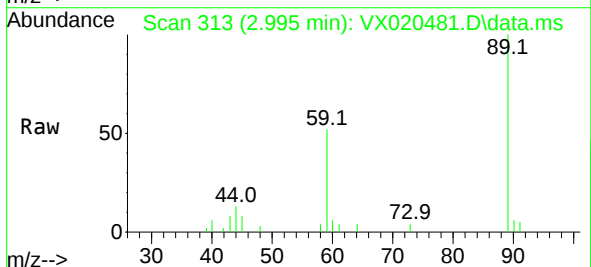


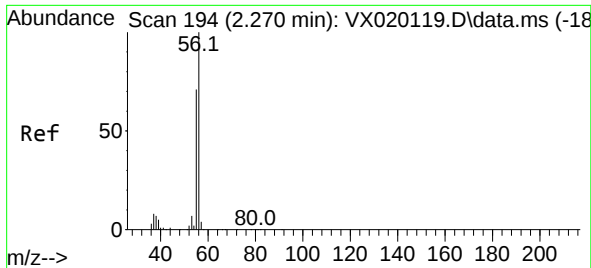
Tgt Ion:142 Resp: 377
Ion Ratio Lower Upper
142 100
127 45.4 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 6.63 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Tgt Ion: 59 Resp: 4648
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

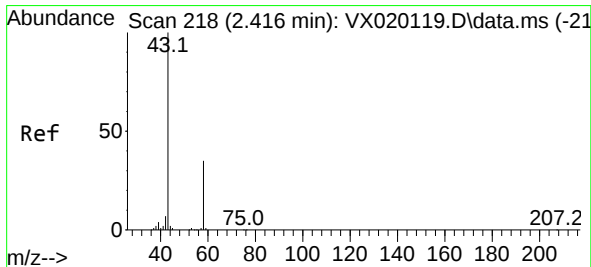
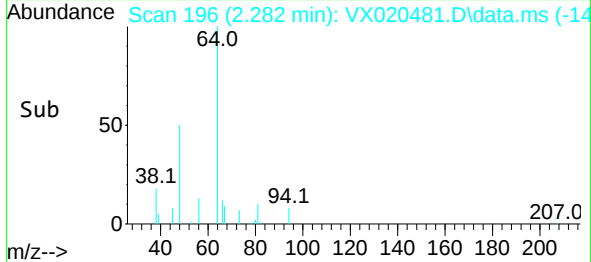
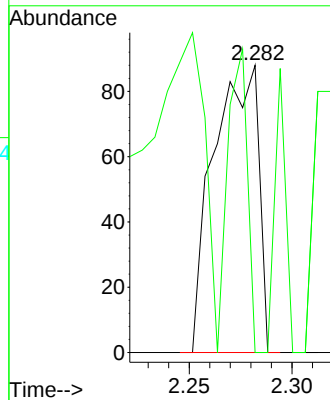
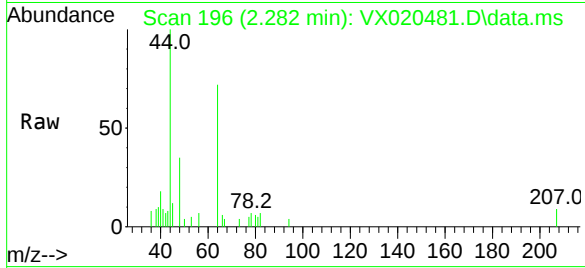




#13
Acrolein
Concen: 0.30 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

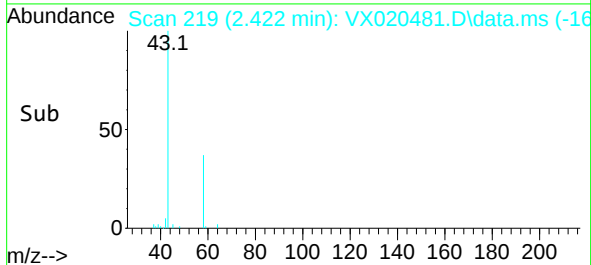
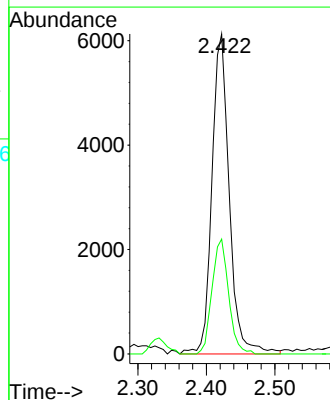
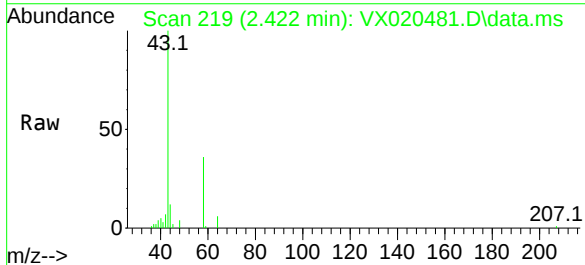
Instrument :
MSVOA_X
ClientSampleId :
PB133875TB

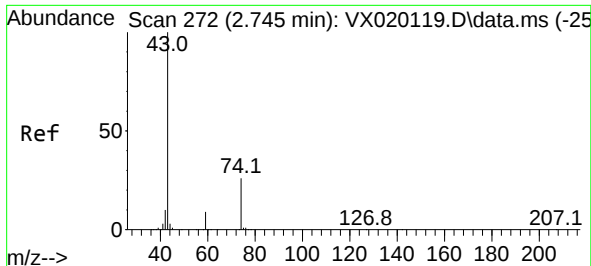
Tgt Ion: 56 Resp: 133
Ion Ratio Lower Upper
56 100
55 46.6 56.4 84.6#



#16
Acetone
Concen: 7.54 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Tgt Ion: 43 Resp: 10765
Ion Ratio Lower Upper
43 100
58 35.9 27.8 41.8

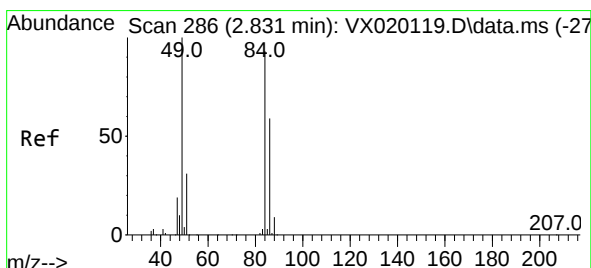
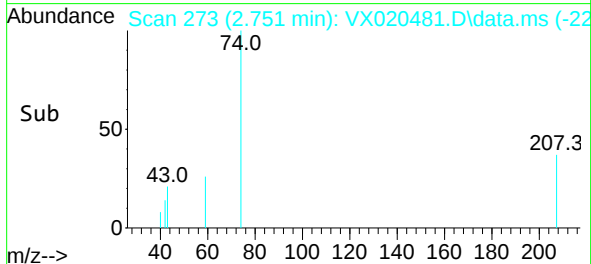
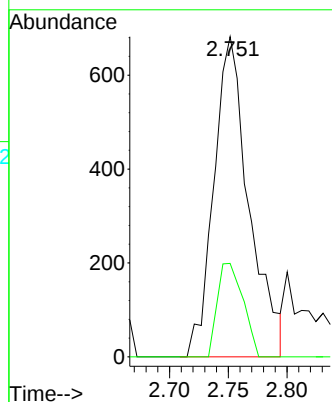
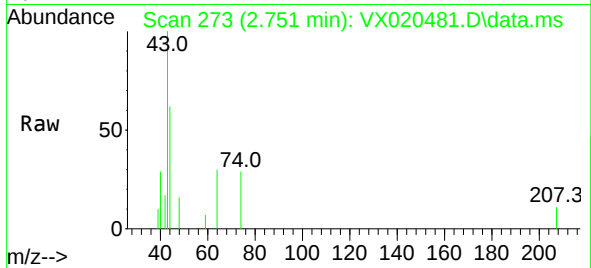




#18
Methyl Acetate
Concen: 0.45 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

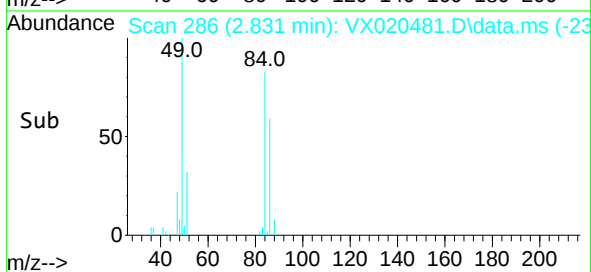
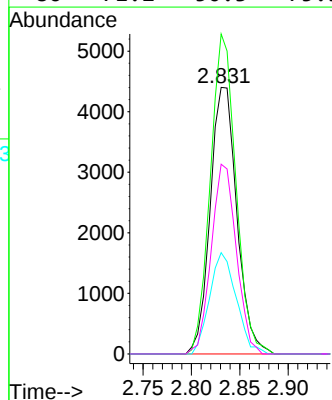
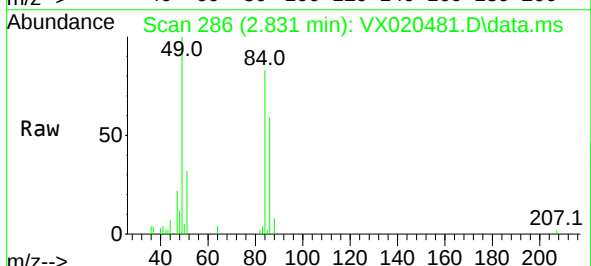
Instrument :
MSVOA_X
ClientSampleId :
PB133875TB

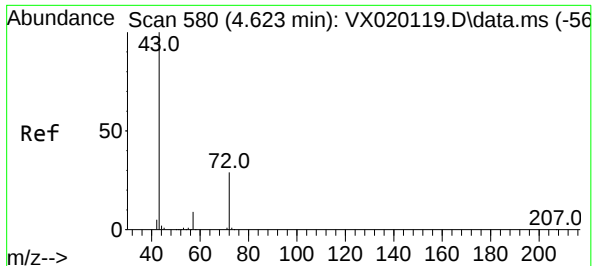
Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
74 21.3 21.9 32.9#



#20
Methylene Chloride
Concen: 2.62 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Tgt Ion: 84 Resp: 8438
Ion Ratio Lower Upper
84 100
49 120.1 88.6 132.8
51 38.0 27.0 40.6
86 71.2 50.3 75.5

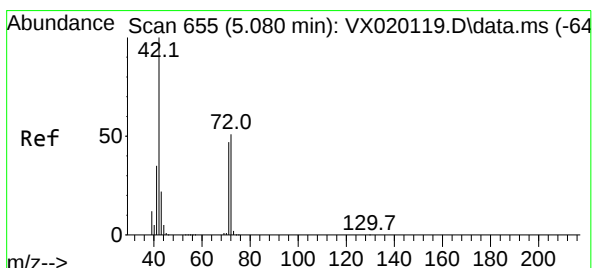
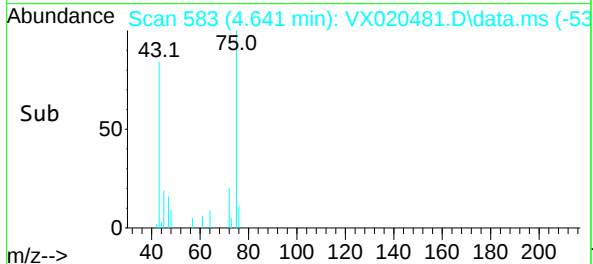
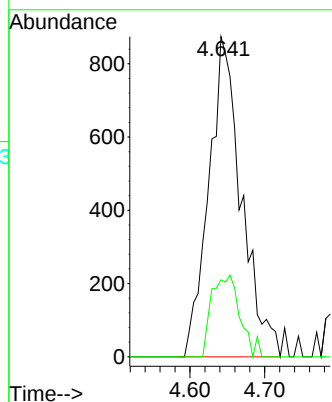
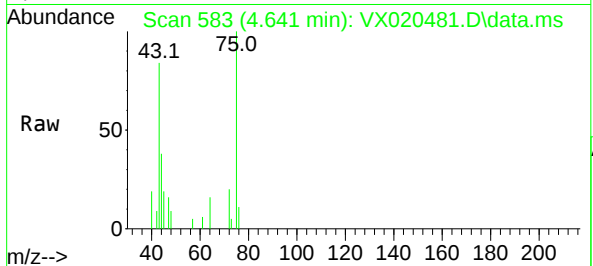




#25
2-Butanone
Concen: 1.28 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

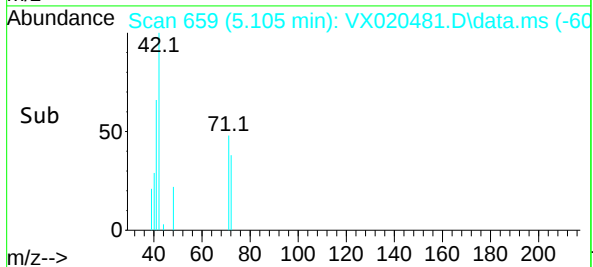
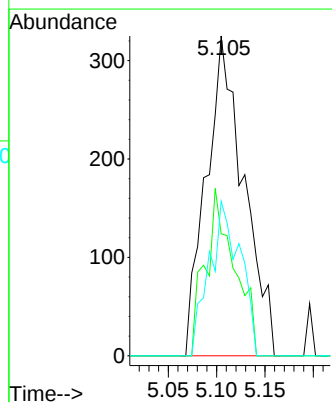
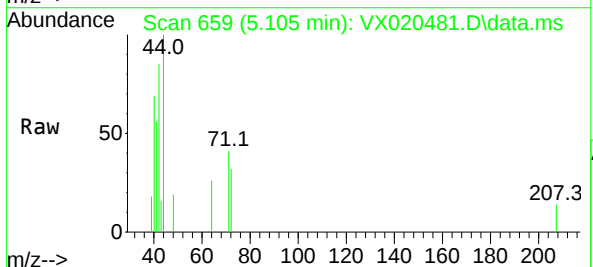
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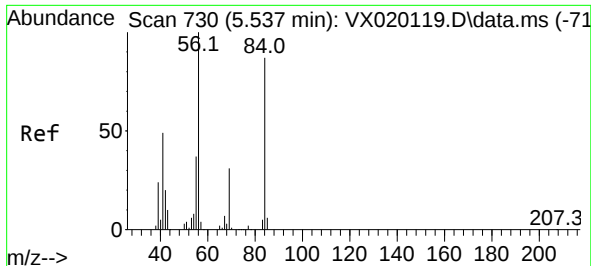
Tgt Ion: 43 Resp: 2654
Ion Ratio Lower Upper
43 100
72 24.0 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.67 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.025 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

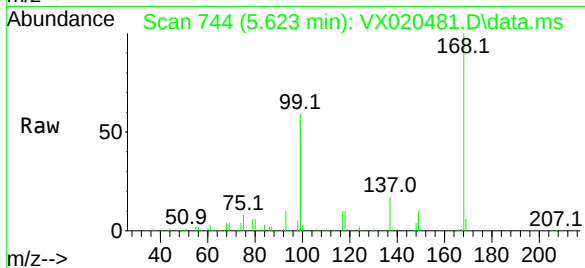
Tgt Ion: 42 Resp: 878
Ion Ratio Lower Upper
42 100
72 40.5 41.7 62.5#
71 39.9 38.4 57.6



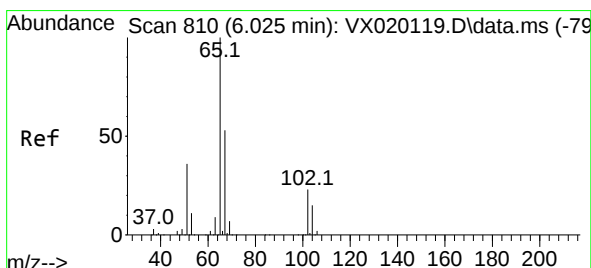
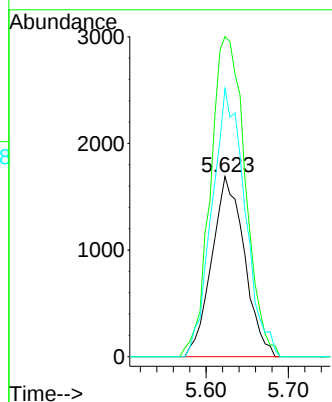
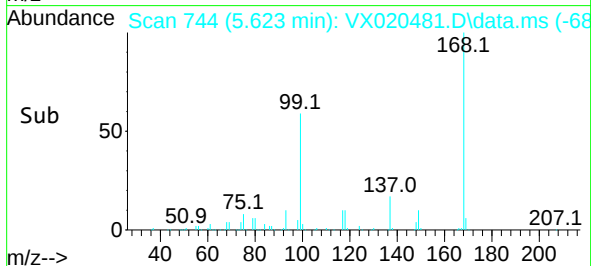


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

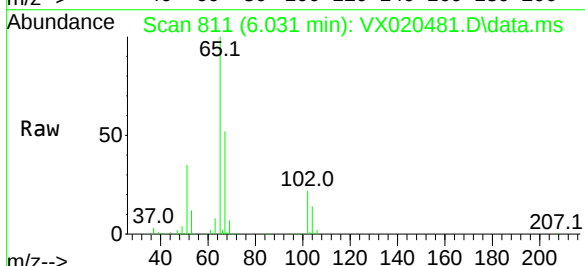
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ClientSampleId :
PB133875TB



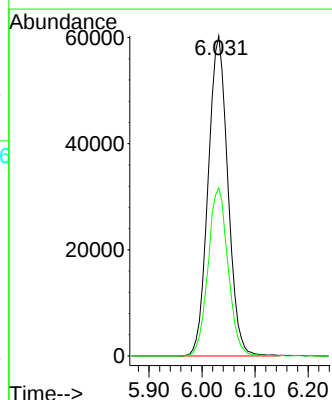
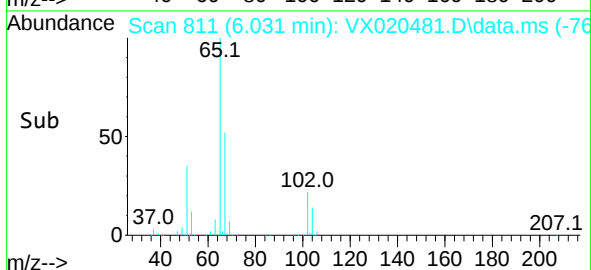
Tgt Ion: 56 Resp: 4658
Ion Ratio Lower Upper
56 100
69 177.7 25.3 37.9#
84 148.8 71.4 107.0#

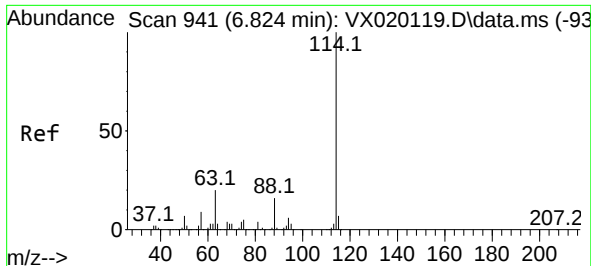


#33
1,2-Dichloroethane-d4
Concen: 49.75 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25



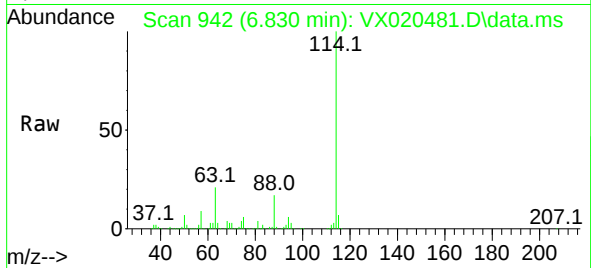
Tgt Ion: 65 Resp: 155792
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



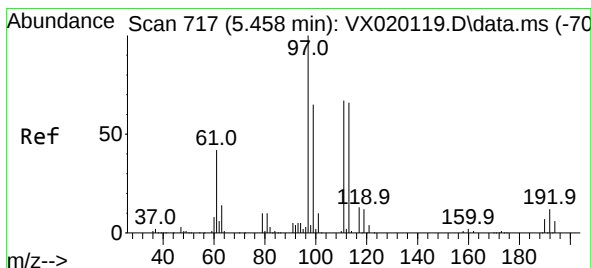
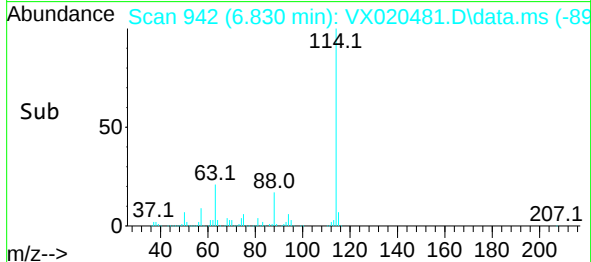
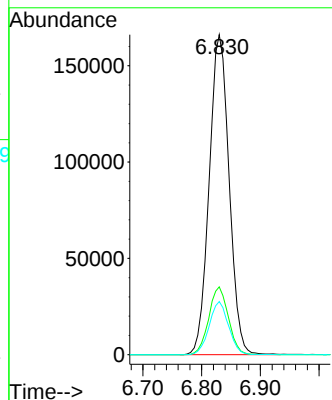


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Instrument :
MSVOA_X
ClientSampleId :
PB133875TB

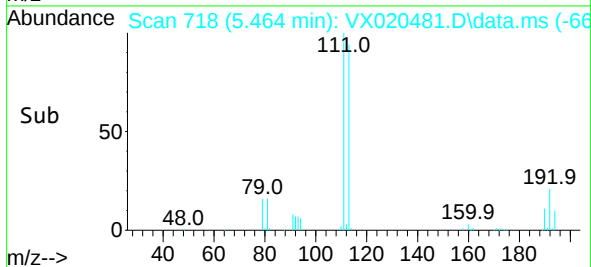
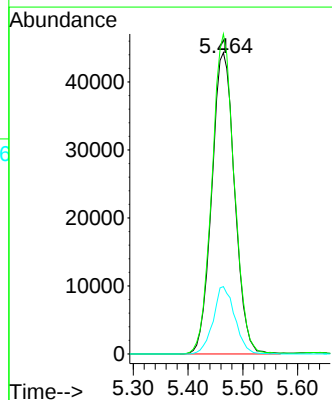
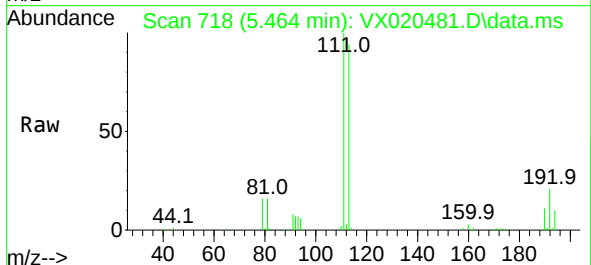


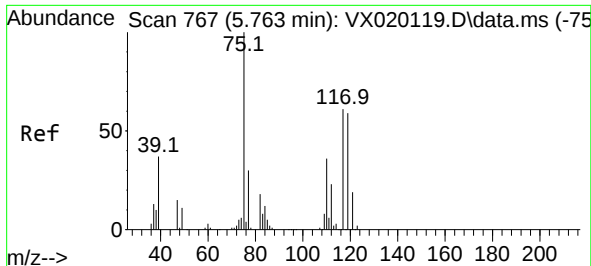
Tgt Ion:114 Resp: 391200
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.12 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

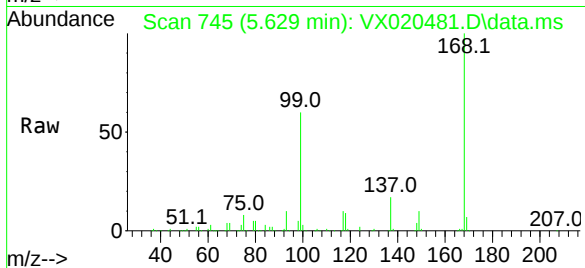
Tgt Ion:113 Resp: 127936
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 21.1 16.7 25.1



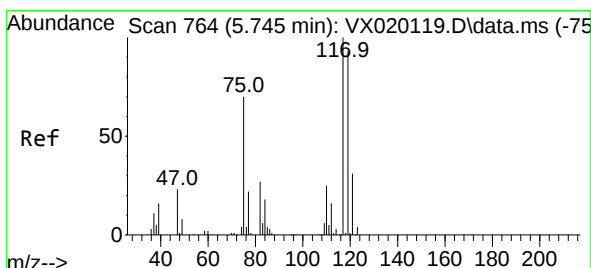
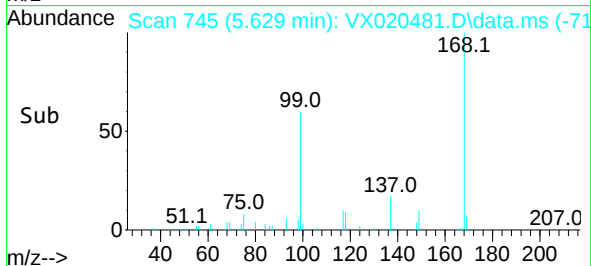
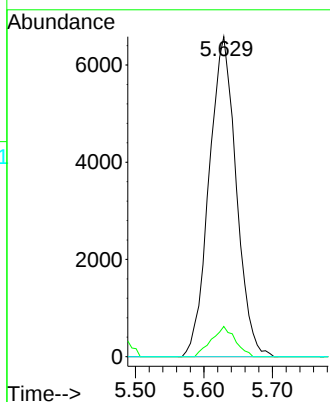


#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Instrument :
MSVOA_X
ClientSampleId :
PB133875TB

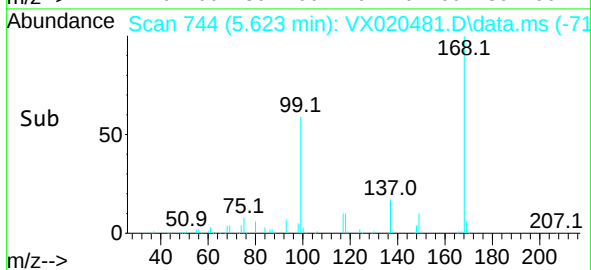
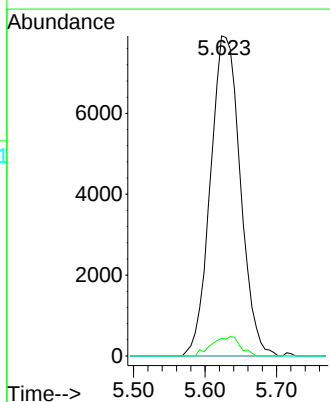
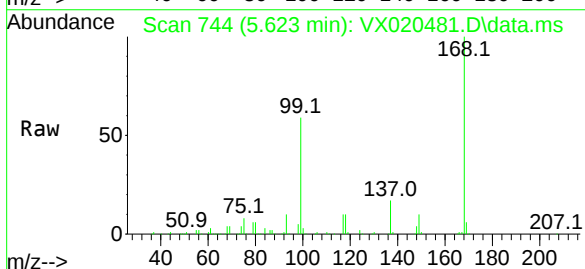


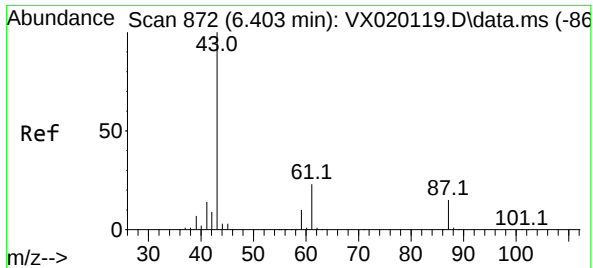
Tgt Ion: 75 Resp: 18095
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Tgt Ion: 117 Resp: 22966
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

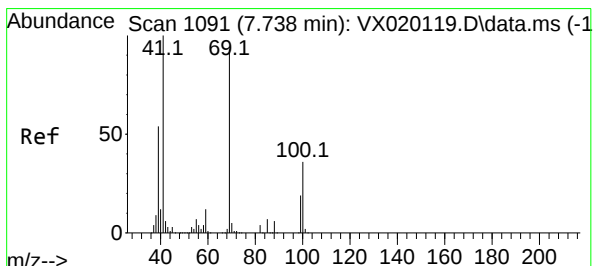
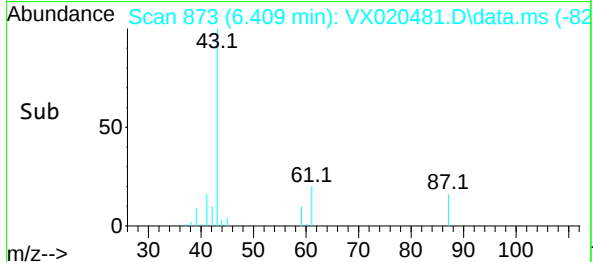
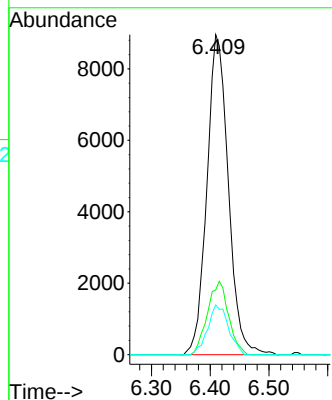
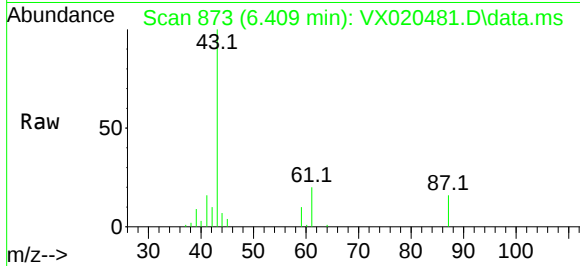




#43
Isopropyl Acetate
Concen: 3.58 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

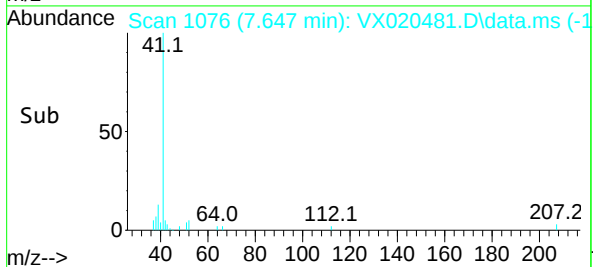
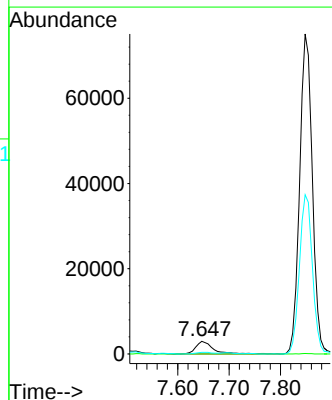
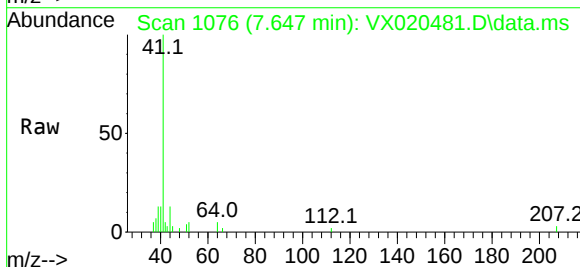
Instrument :
MSVOA_X
ClientSampleId :
PB133875TB

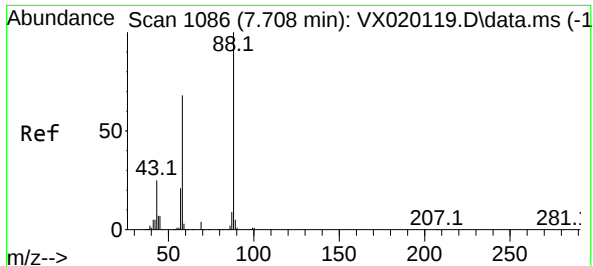
Tgt Ion: 43	Resp: 22702
Ion Ratio	Lower Upper
43 100	
61 22.5	18.2 27.4
87 15.0	12.5 18.7



#48
Methyl methacrylate
Concen: 2.30 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.091 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Tgt Ion: 41	Resp: 7142
Ion Ratio	Lower Upper
41 100	
69 0.0	76.0 114.0#
39 0.0	44.6 67.0#

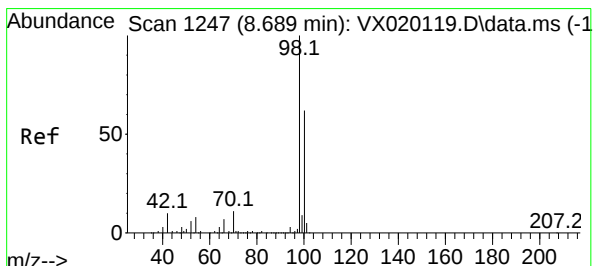
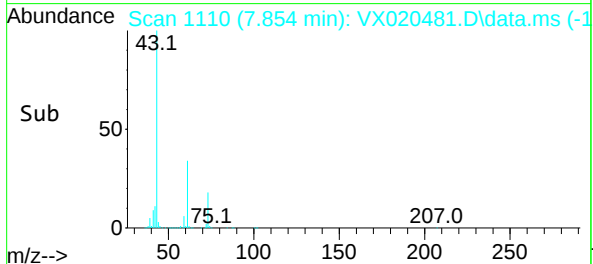
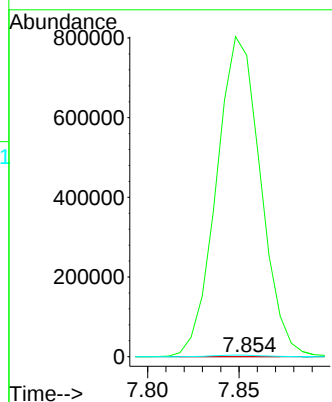
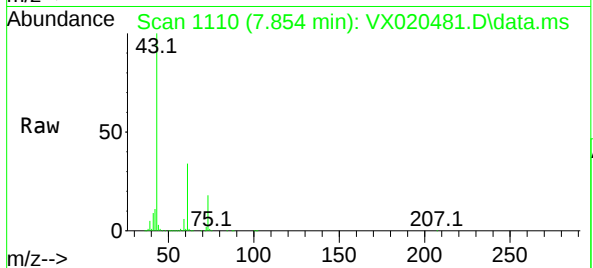




#49
1,4-Dioxane
Concen: 3.19 ug/l
RT: 7.854 min Scan# 1110
Delta R.T. 0.146 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

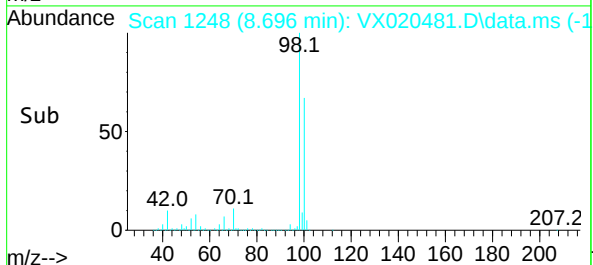
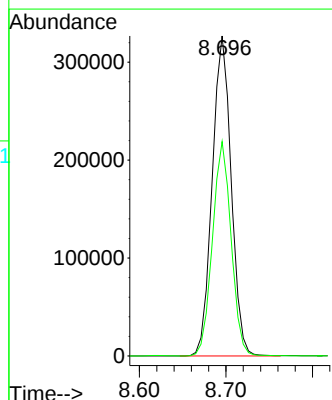
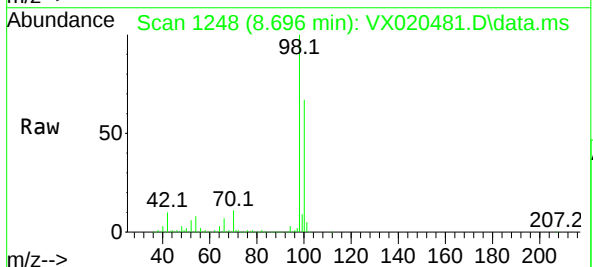
Instrument :
MSVOA_X
ClientSampleId :
PB133875TB

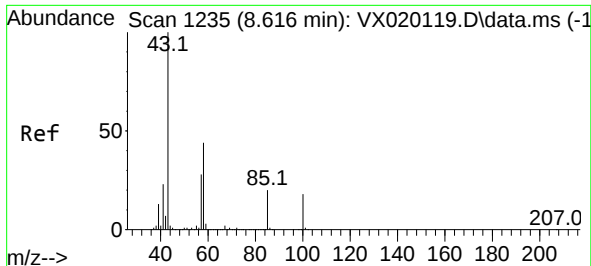
Tgt Ion: 88 Resp: 232
Ion Ratio Lower Upper
88 100
43 585991.8 23.2 34.8#
58 3180.2 55.0 82.4#



#50
Toluene-d8
Concen: 51.65 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Tgt Ion: 98 Resp: 497530
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

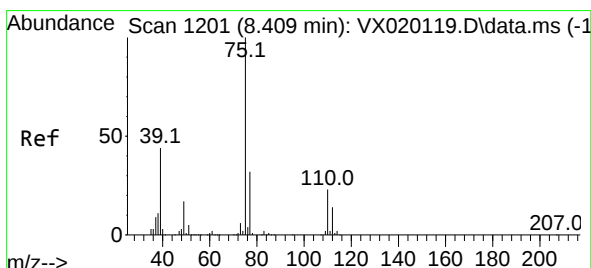
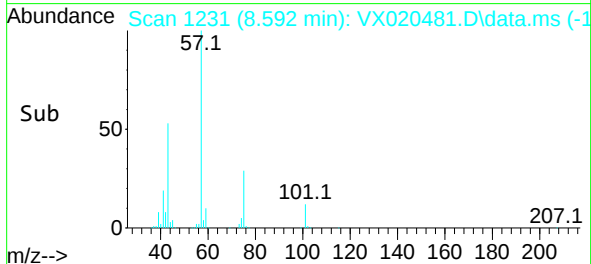
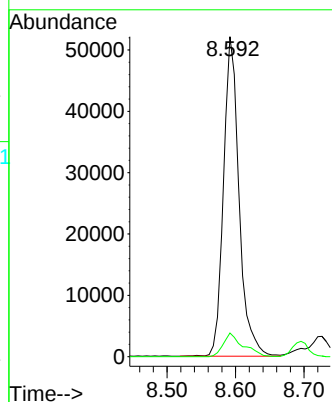
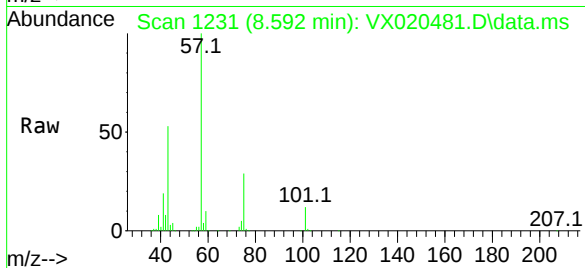




#51
4-Methyl-2-Pentanone
Concen: 20.87 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

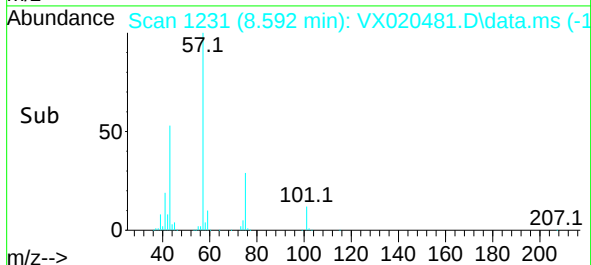
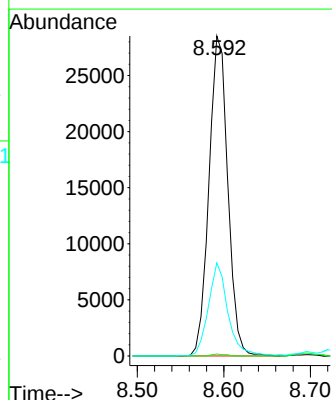
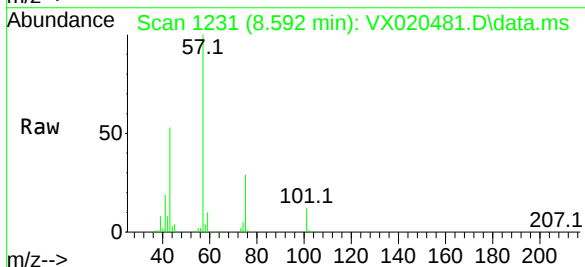
Instrument :
MSVOA_X
ClientSampleId :
PB133875TB

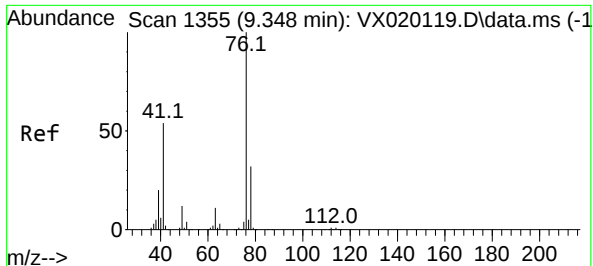
Tgt Ion: 43 Resp: 81958
Ion Ratio Lower Upper
43 100
58 9.4 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 8.99 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Tgt Ion: 75 Resp: 43050
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 28.9 35.1 52.7#





#57

1,3-Dichloropropane

Concen: 5.37 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.177 min

Lab File: VX020481.D

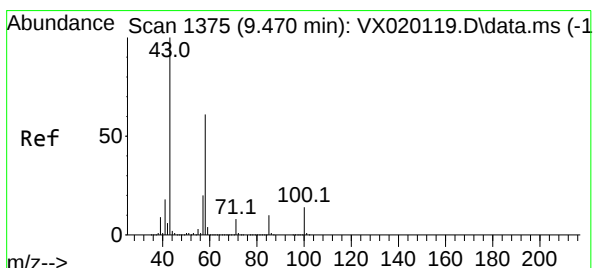
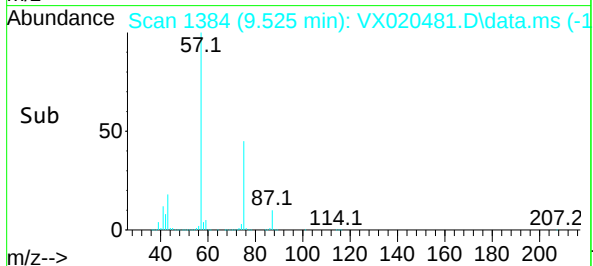
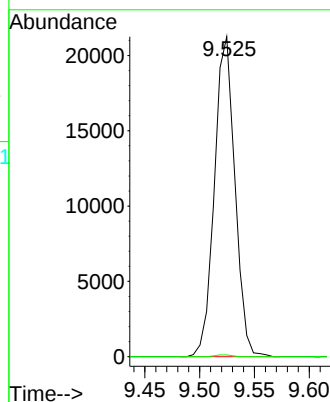
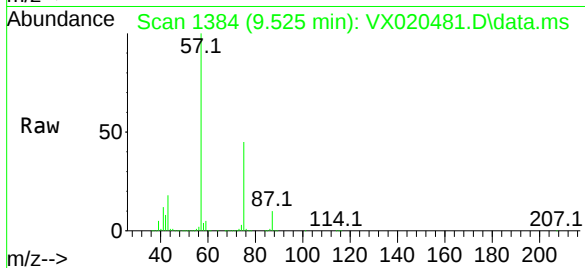
Acq: 31 Dec 2020 14:25

Tgt Ion: 76 Resp: 27673

Ion Ratio Lower Upper

76 100

78 0.5 26.2 39.2#



#59

2-Hexanone

Concen: 112.31 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.055 min

Lab File: VX020481.D

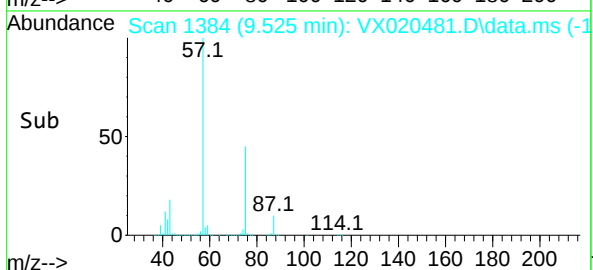
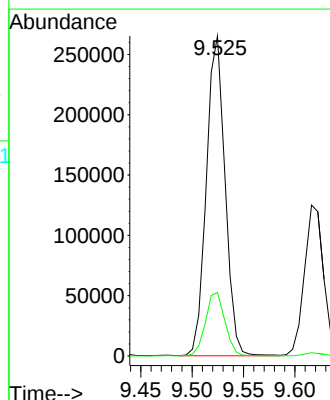
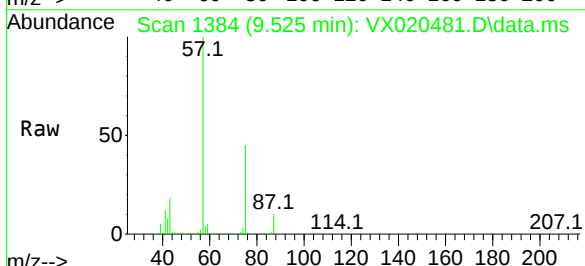
Acq: 31 Dec 2020 14:25

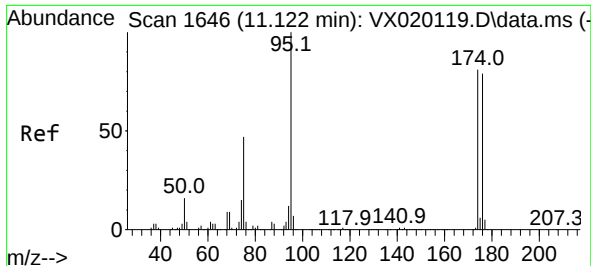
Tgt Ion: 43 Resp: 336075

Ion Ratio Lower Upper

43 100

58 20.6 30.9 92.8#

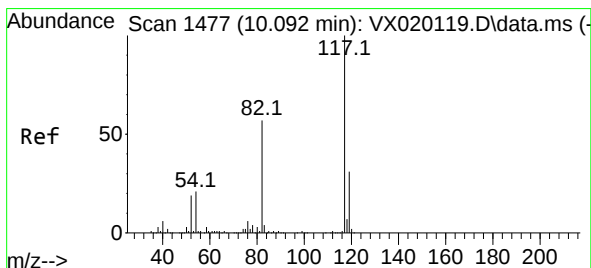
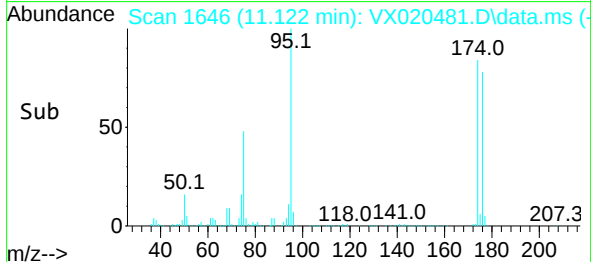
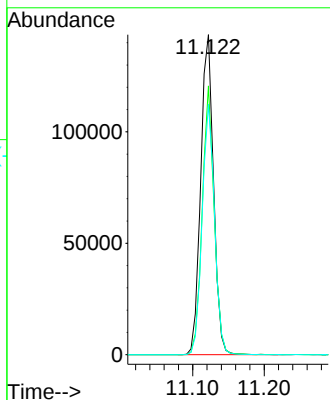
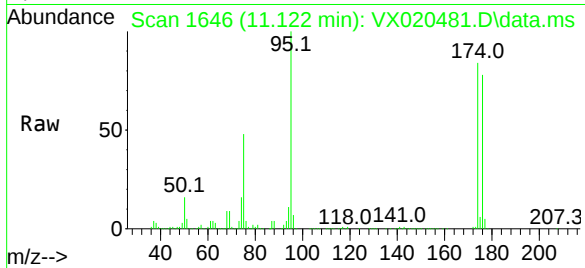




#62
4-Bromofluorobenzene
Concen: 48.53 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

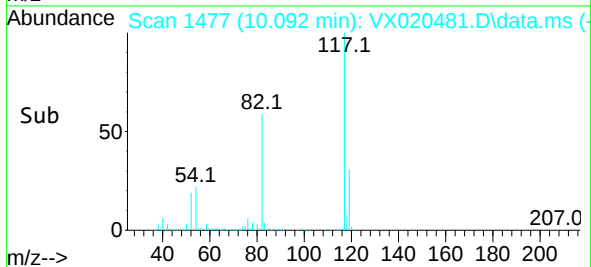
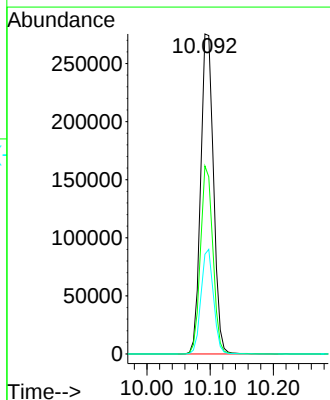
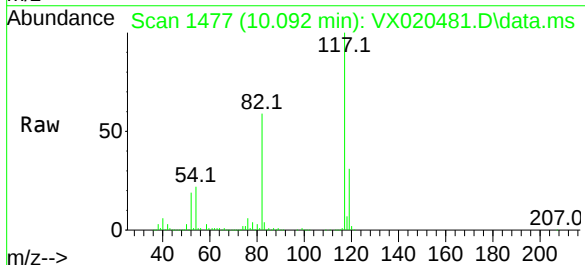
Instrument :
MSVOA_X
ClientSampleId :
PB133875TB

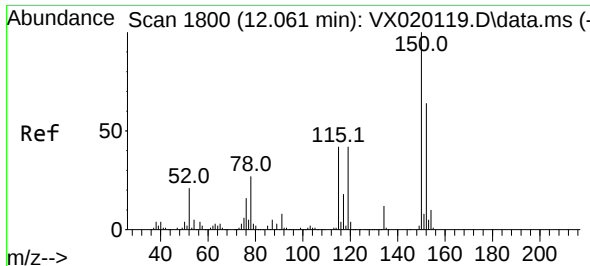
Tgt Ion: 95 Resp: 178905
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 75.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Tgt Ion: 117 Resp: 389215
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 31.2 26.6 39.8

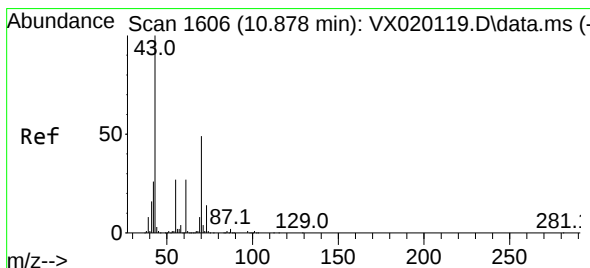
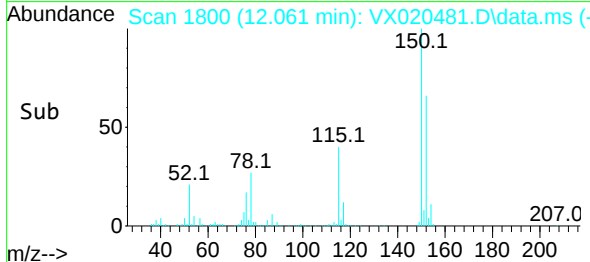
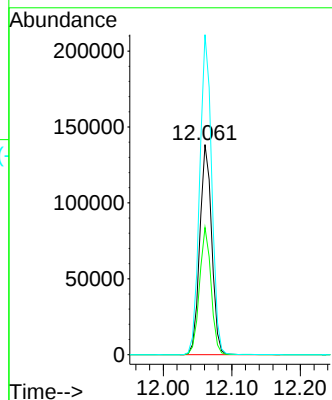
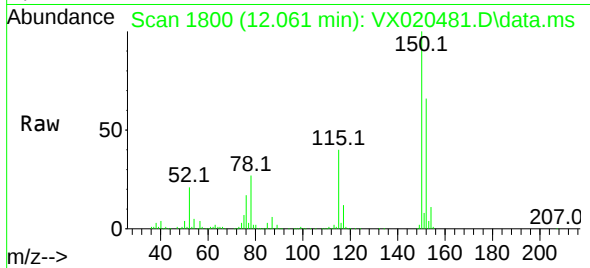




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

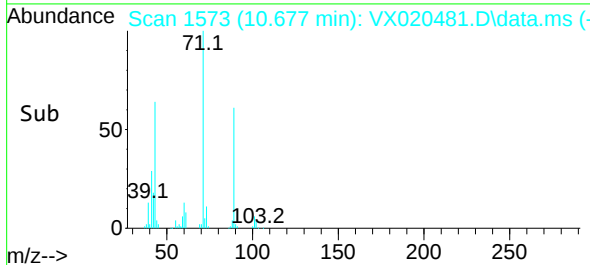
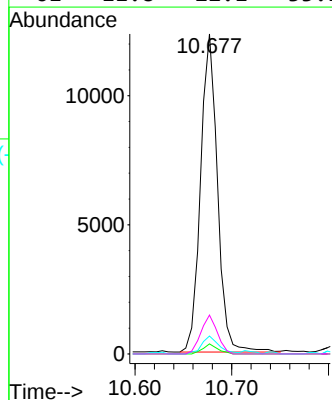
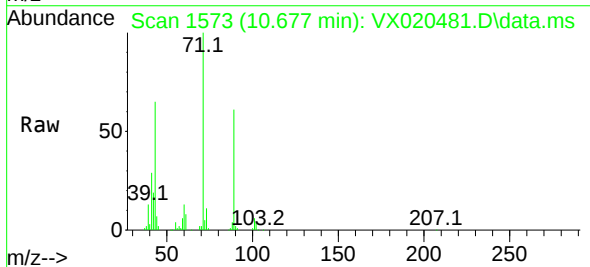
Instrument :
MSVOA_X
ClientSampleId :
PB133875TB

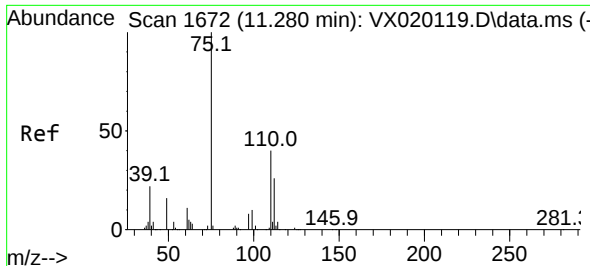
Tgt Ion:152 Resp: 167360
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 153.6 0.0 349.0



#74
N-ethyl acetate
Concen: 3.09 ug/l
RT: 10.677 min Scan# 1573
Delta R.T. -0.201 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Tgt Ion: 43 Resp: 15033
Ion Ratio Lower Upper
43 100
70 2.8 39.0 58.6#
55 5.7 21.5 32.3#
61 11.8 22.1 33.1#

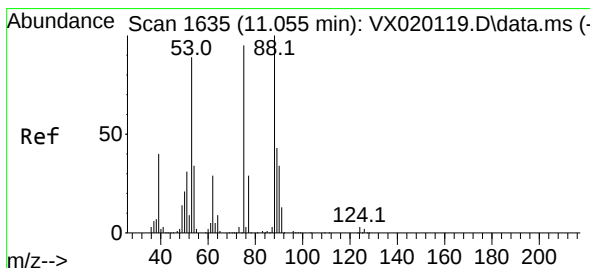
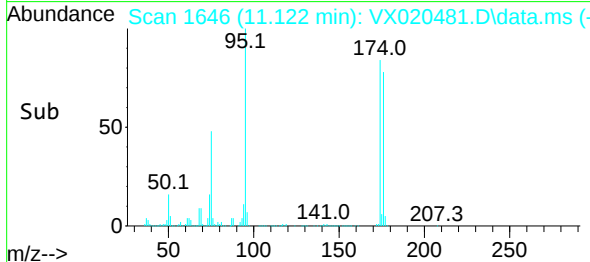
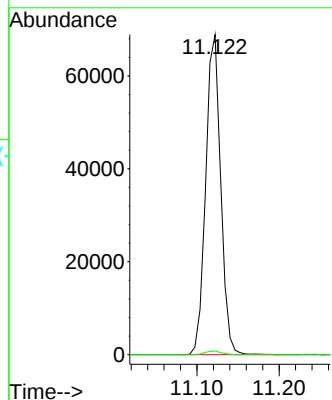
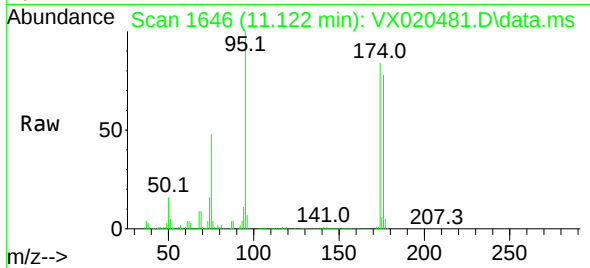




#76
1,2,3-Trichloropropane
Concen: 21.12 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Instrument :
MSVOA_X
ClientSampleId :
PB133875TB

Tgt Ion: 75 Resp: 87051
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.65 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020481.D
Acq: 31 Dec 2020 14:25

Tgt Ion: 75 Resp: 87051
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

