

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123120\
 Data File : VX020490.D
 Acq On : 31 Dec 2020 17:56
 Operator : JC/MD
 Sample : PB133875ZHE#19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133875ZHE#19

Quant Time: Jan 01 00:13:17 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)

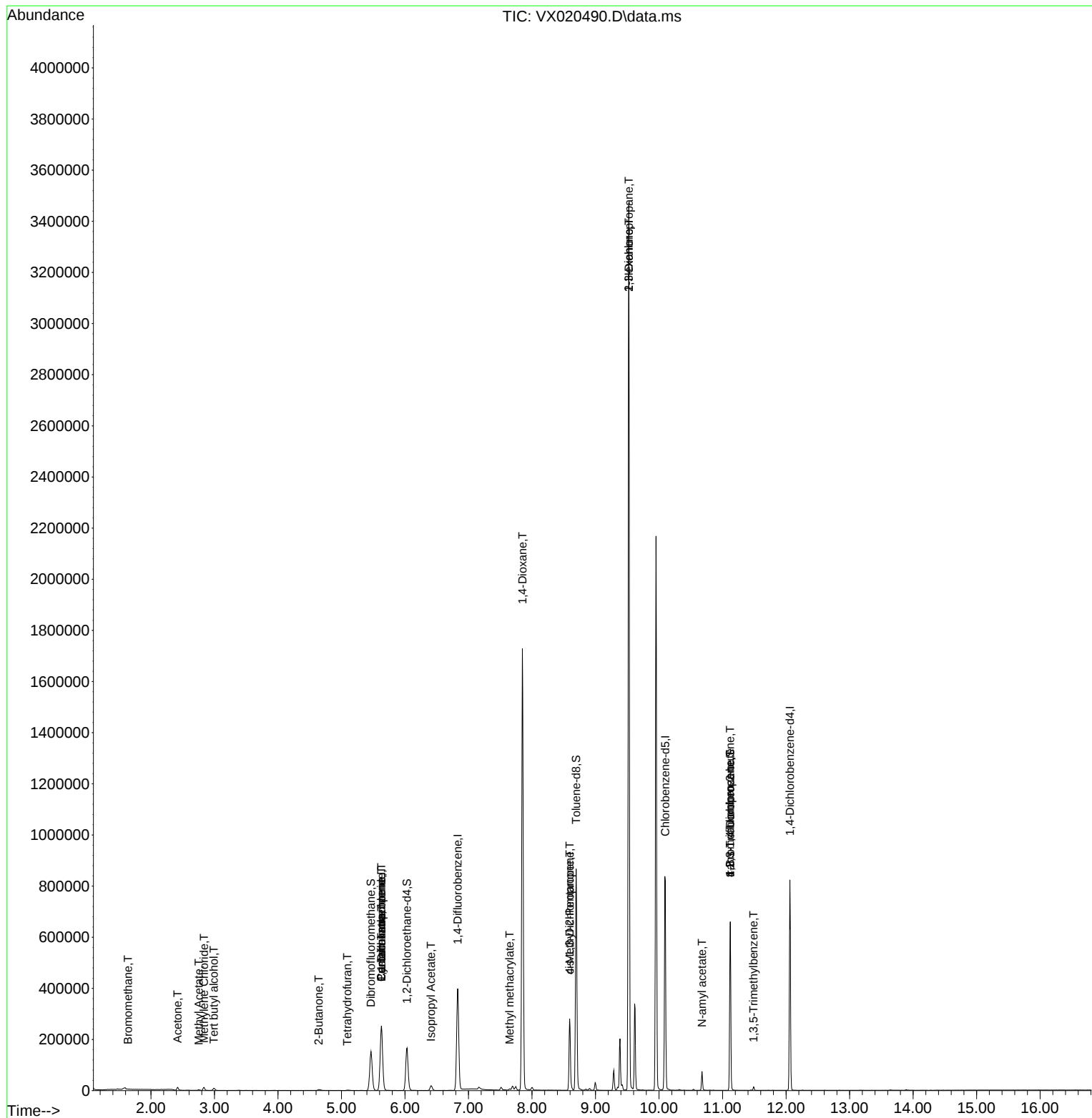
Internal Standards						
1) Pentafluorobenzene	5.629	168	235851	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	397188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	391189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	165624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	158455	50.12	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.24%			
35) Dibromofluoromethane	5.464	113	130678	51.43	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.86%			
50) Toluene-d8	8.696	98	512768	52.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.86%			
62) 4-Bromofluorobenzene	11.122	95	174912	46.73	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.46%			
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	217	0.21	ug/l	98
11) Tert butyl alcohol	2.989	59	4832	6.83	ug/l #	74
16) Acetone	2.416	43	11478	7.96	ug/l	92
18) Methyl Acetate	2.752	43	3114	0.97	ug/l	95
20) Methylene Chloride	2.837	84	5109	1.57	ug/l	95
25) 2-Butanone	4.641	43	3835	1.83	ug/l	92
29) Tetrahydrofuran	5.093	42	1432	1.08	ug/l #	83
31) Cyclohexane	5.629	56	4707	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	18062	4.60	ug/l #	49
38) Carbon Tetrachloride	5.629	117	23533	6.30	ug/l #	17
43) Isopropyl Acetate	6.409	43	24330	3.78	ug/l	97
48) Methyl methacrylate	7.647	41	7067	2.24	ug/l #	10
49) 1,4-Dioxane	7.848	88	262	3.55	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	88187	22.12	ug/l #	47
54) cis-1,3-Dichloropropene	8.592	75	46126	9.48	ug/l #	62
57) 1,3-Dichloropropane	9.525	76	29887	5.71	ug/l #	43
59) 2-Hexanone	9.525	43	366486	120.62	ug/l #	47
74) N-amyl acetate	10.677	43	15373	3.19	ug/l #	49
76) 1,2,3-Trichloropropane	11.122	75	86181	21.12	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.488	105	5684	0.56	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.122	75	86181	62.67	ug/l #	12

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

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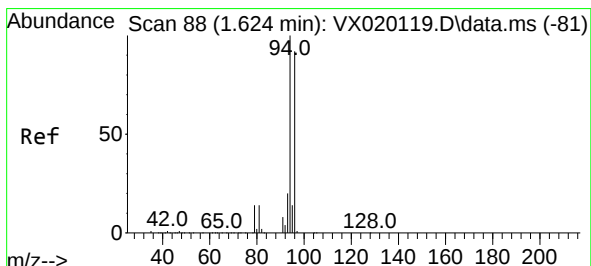
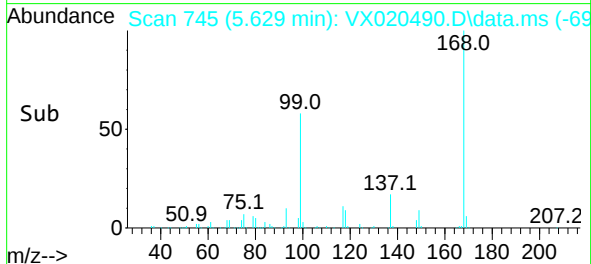
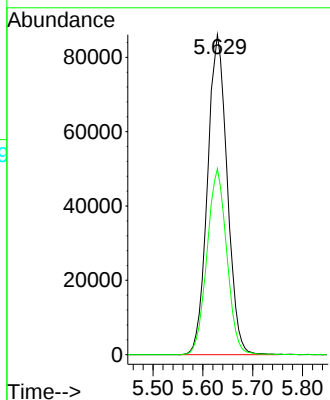
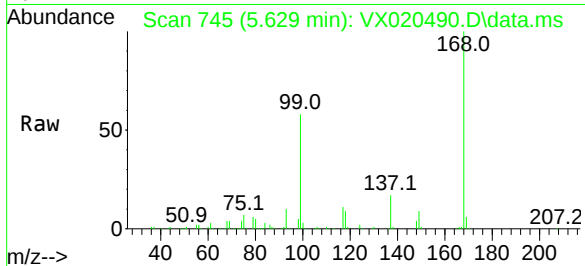




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

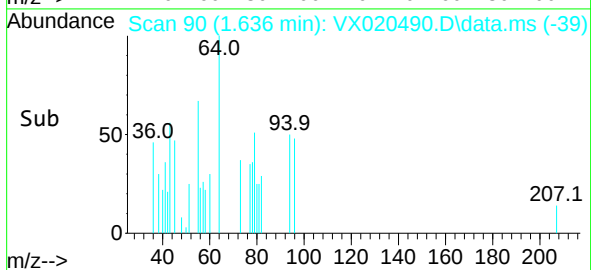
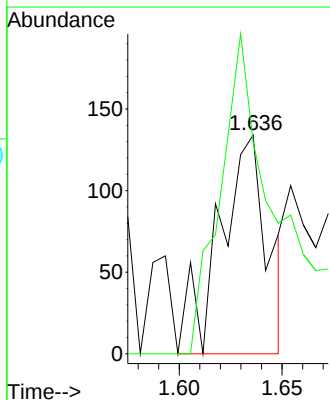
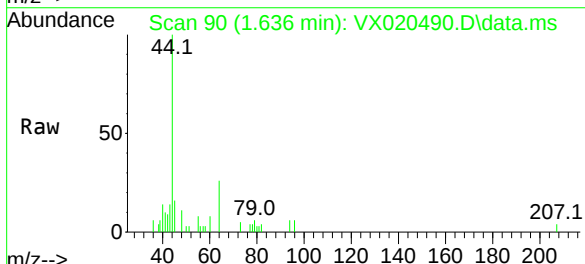
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#19

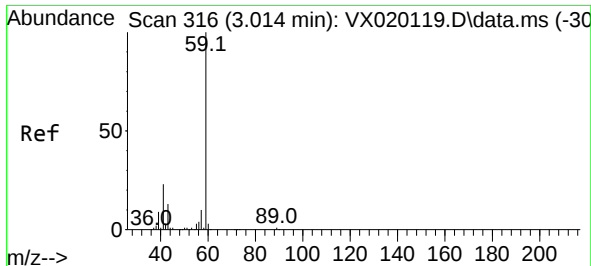
Tgt Ion:168 Resp: 235851
Ion Ratio Lower Upper
168 100
99 58.1 45.8 68.6



#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

Tgt Ion: 94 Resp: 217
Ion Ratio Lower Upper
94 100
96 97.0 76.4 114.6

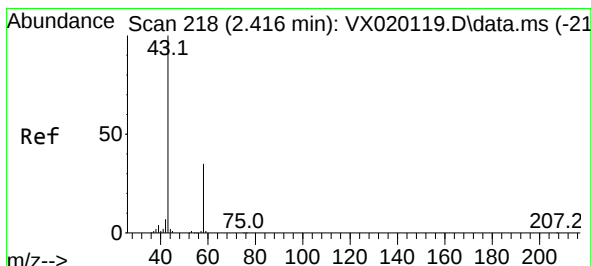
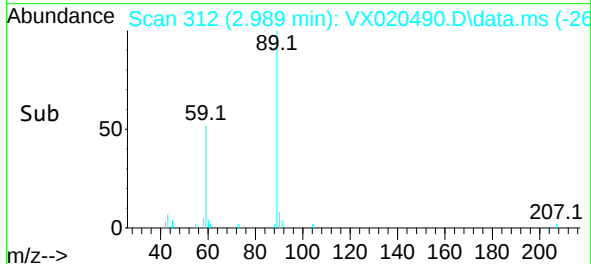
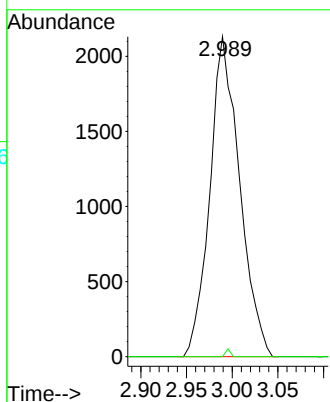
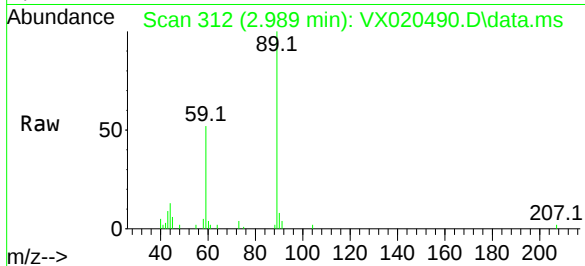




#11
Tert butyl alcohol
Concen: 6.83 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

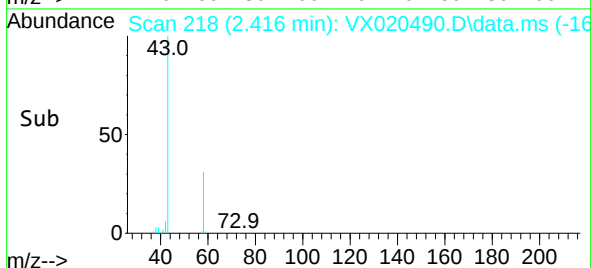
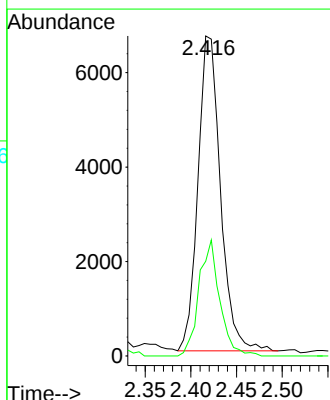
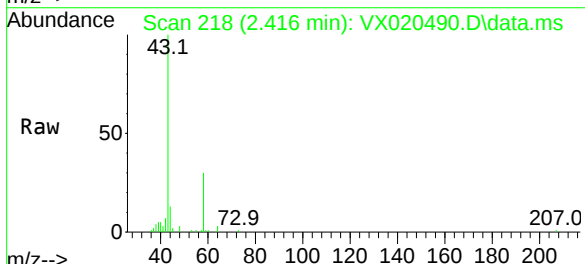
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#19

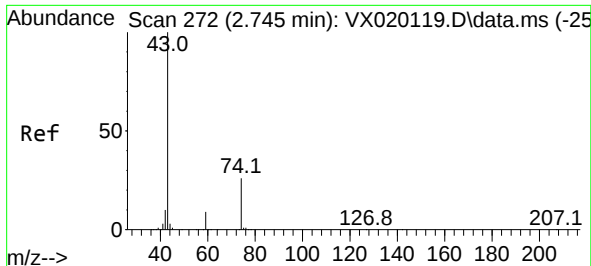
Tgt Ion: 59 Resp: 4832
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.8#



#16
Acetone
Concen: 7.96 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

Tgt Ion: 43 Resp: 11478
Ion Ratio Lower Upper
43 100
58 30.1 27.8 41.8





#18

Methyl Acetate

Concen: 0.97 ug/l

RT: 2.752 min Scan# 273

Delta R.T. 0.007 min

Lab File: VX020490.D

Acq: 31 Dec 2020 17:56

Instrument :

MSVOA_X

ClientSampleId :

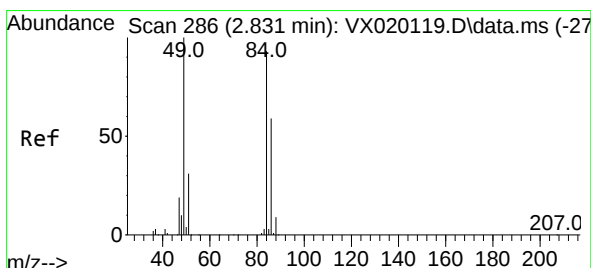
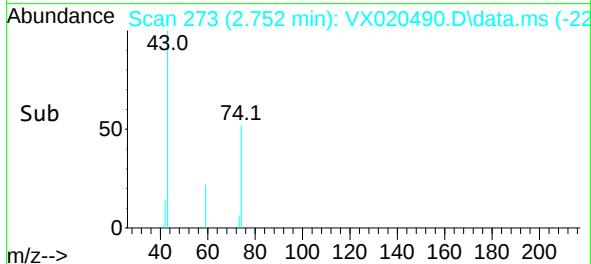
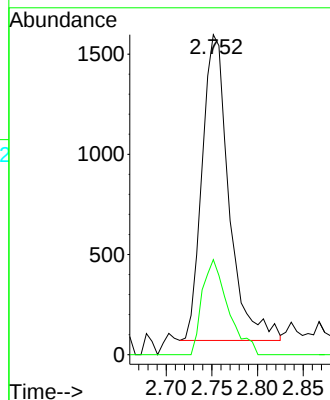
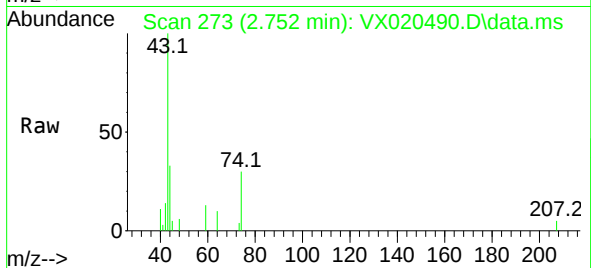
PB133875ZHE#19

Tgt Ion: 43 Resp: 3114

Ion Ratio Lower Upper

43 100

74 30.0 21.9 32.9



#20

Methylene Chloride

Concen: 1.57 ug/l

RT: 2.837 min Scan# 287

Delta R.T. 0.006 min

Lab File: VX020490.D

Acq: 31 Dec 2020 17:56

Tgt Ion: 84 Resp: 5109

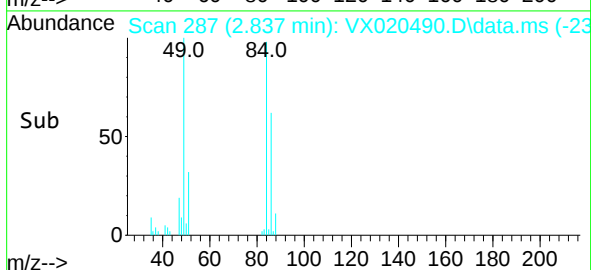
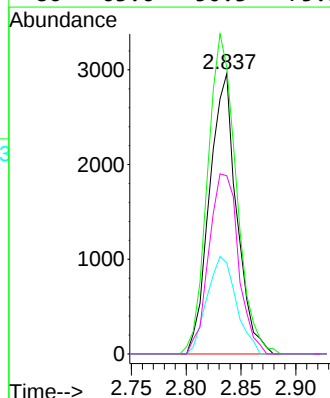
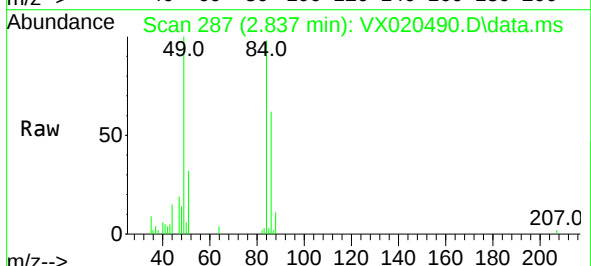
Ion Ratio Lower Upper

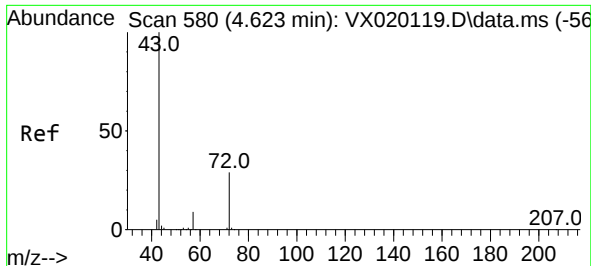
84 100

49 102.3 88.6 132.8

51 32.5 27.0 40.6

86 63.6 50.3 75.5

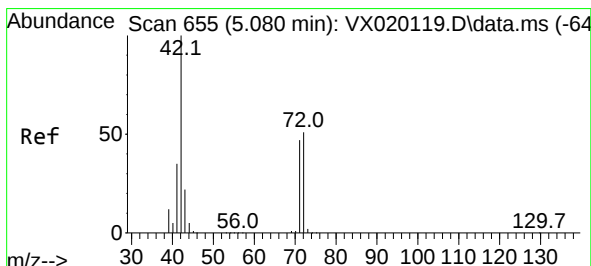
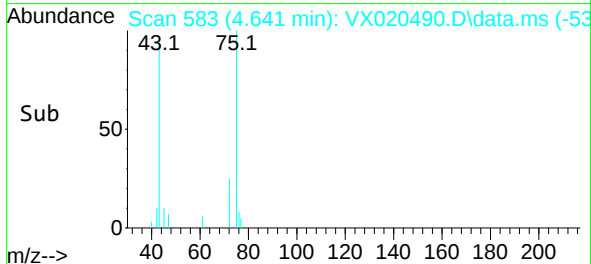
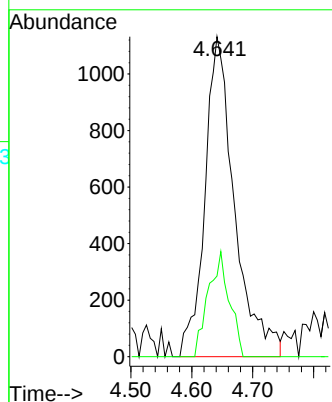
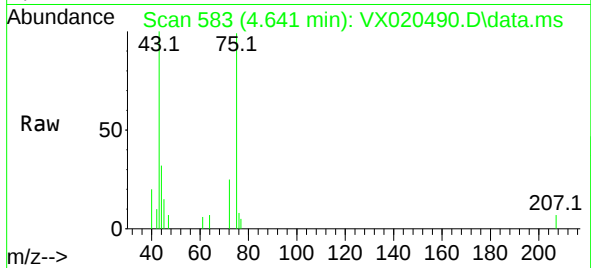




#25
2-Butanone
Concen: 1.83 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

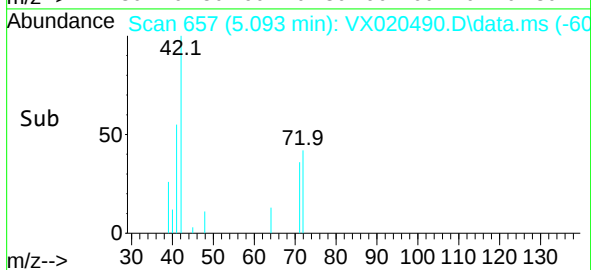
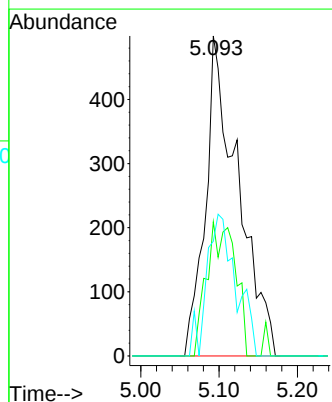
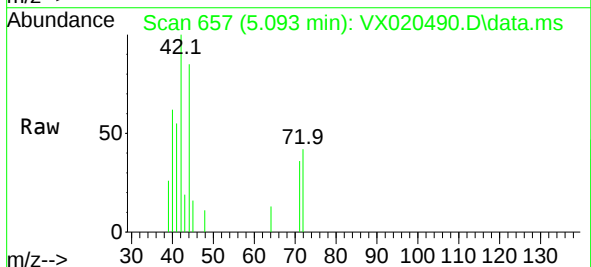
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#19

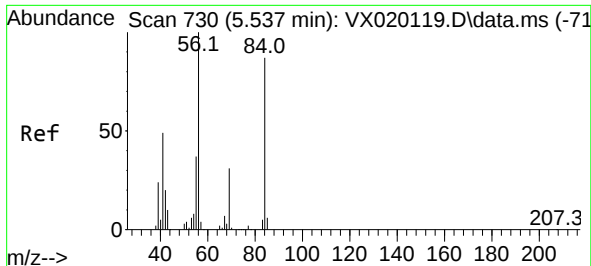
Tgt Ion: 43 Resp: 3835
Ion Ratio Lower Upper
43 100
72 25.2 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.08 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.013 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

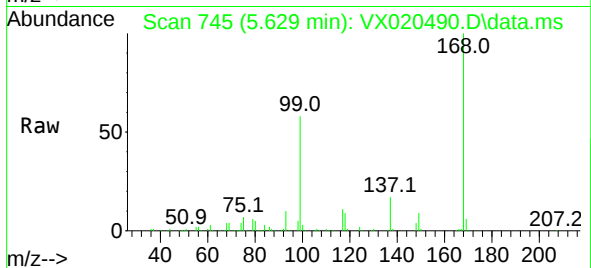
Tgt Ion: 42 Resp: 1432
Ion Ratio Lower Upper
42 100
72 37.3 41.7 62.5#
71 39.7 38.4 57.6



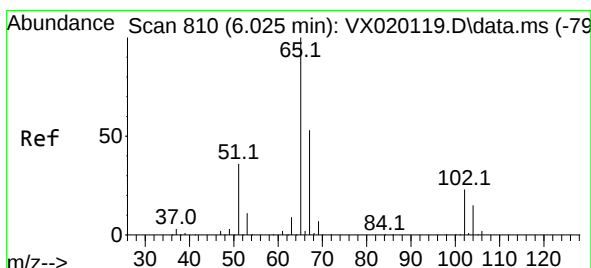
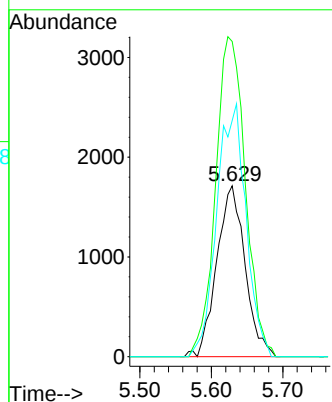
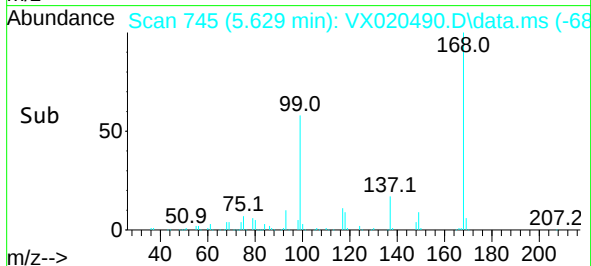


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

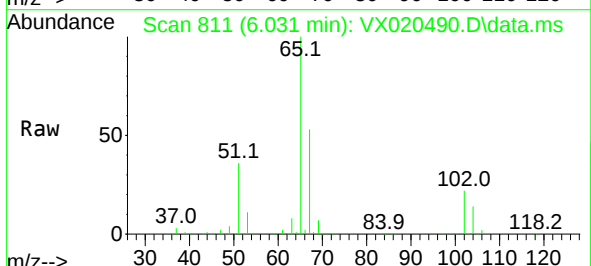
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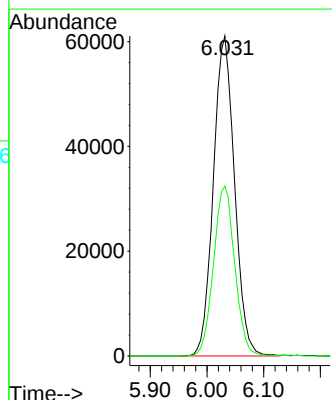
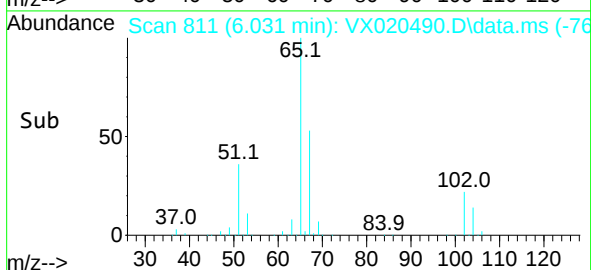
Tgt Ion: 56 Resp: 4707
Ion Ratio Lower Upper
56 100
69 184.5 25.3 37.9#
84 138.2 71.4 107.0#

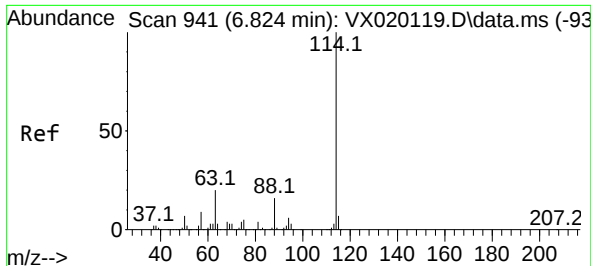


#33
1,2-Dichloroethane-d4
Concen: 50.12 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56



Tgt Ion: 65 Resp: 158455
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

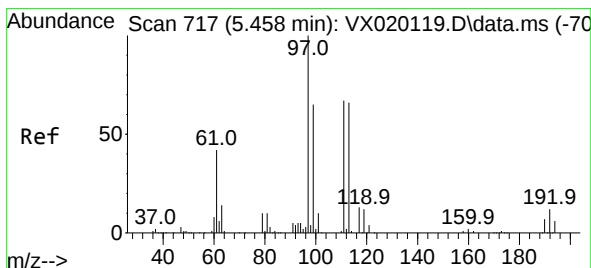
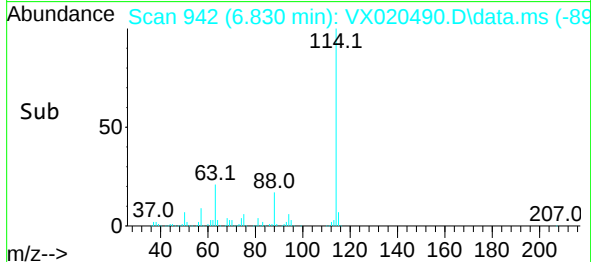
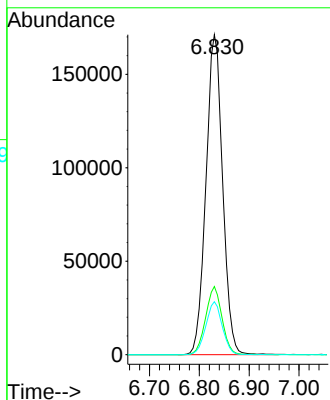
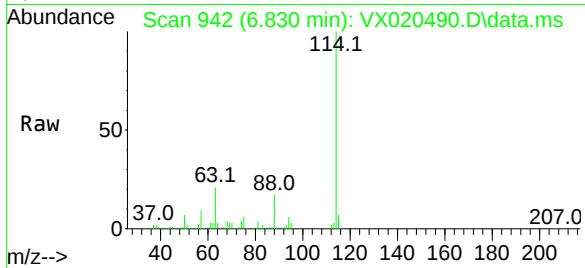




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

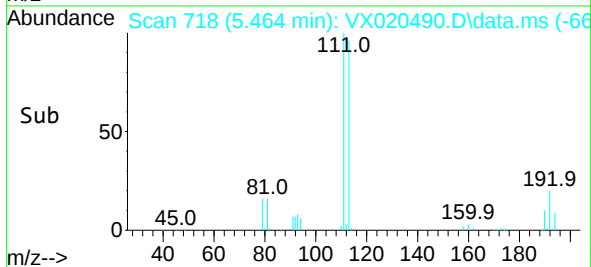
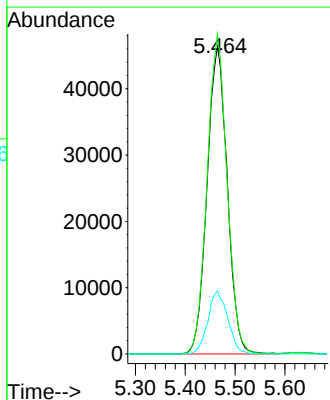
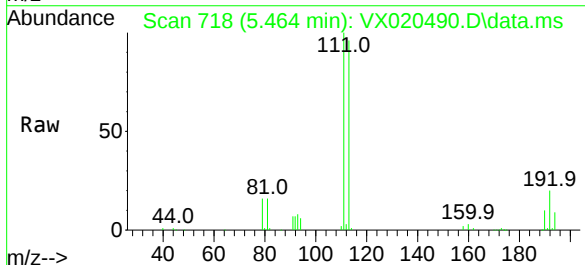
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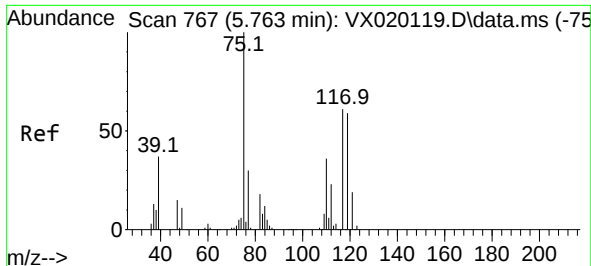
Tgt Ion:114 Resp: 397188
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.43 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

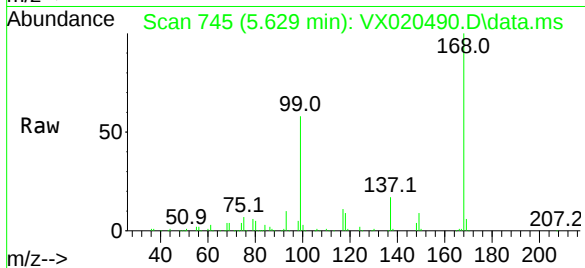
Tgt Ion:113 Resp: 130678
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.2 16.7 25.1



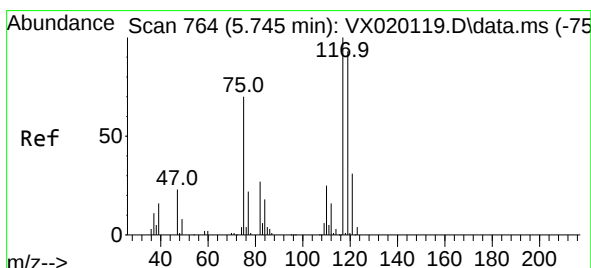
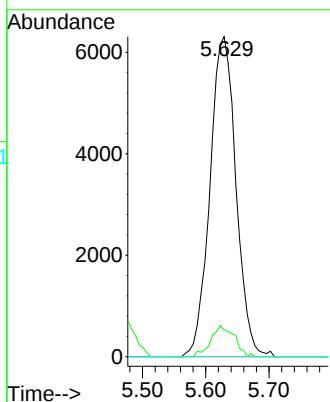
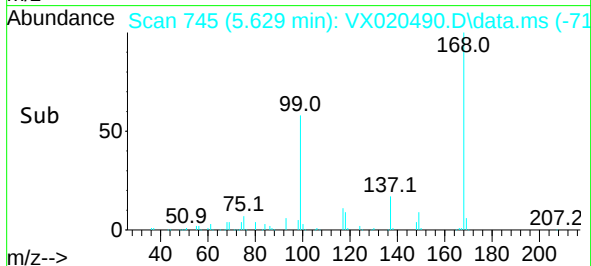


#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

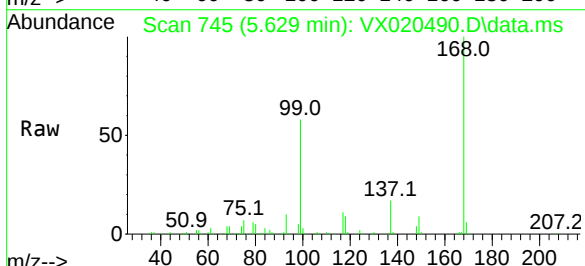
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#19



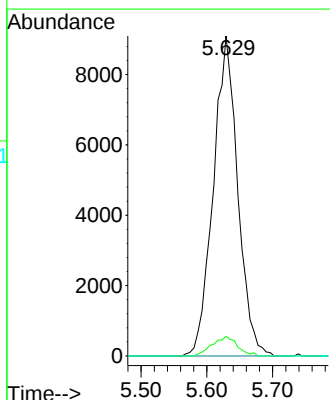
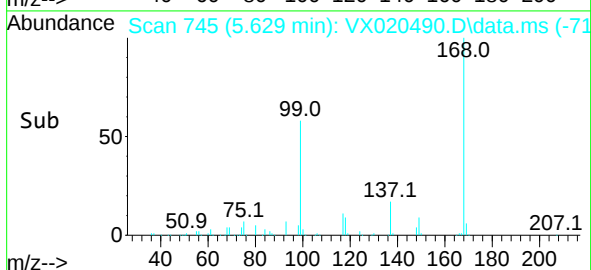
Tgt Ion: 75 Resp: 18062
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#

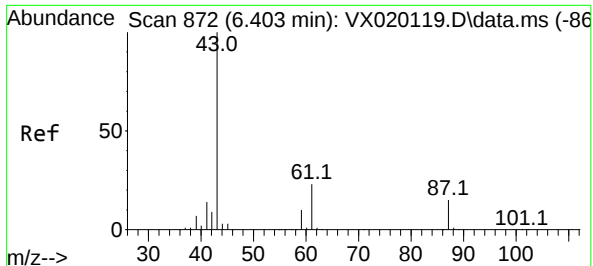


#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56



Tgt Ion: 117 Resp: 23533
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

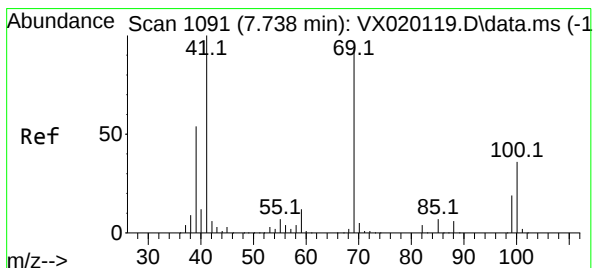
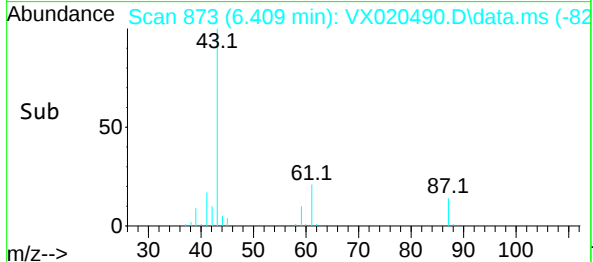
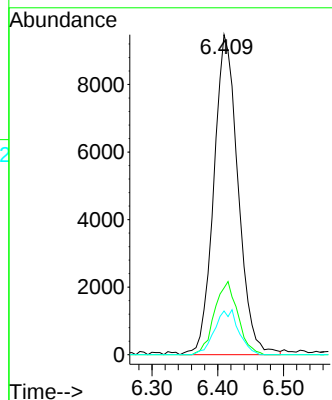
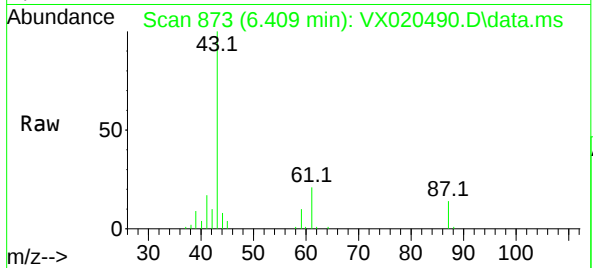




#43
Isopropyl Acetate
Concen: 3.78 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

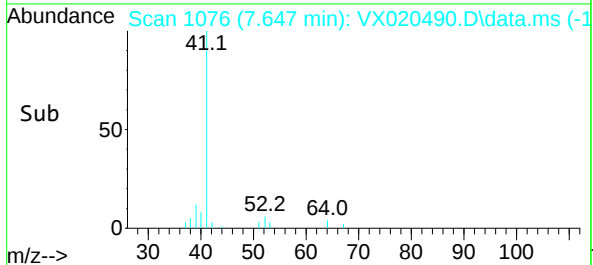
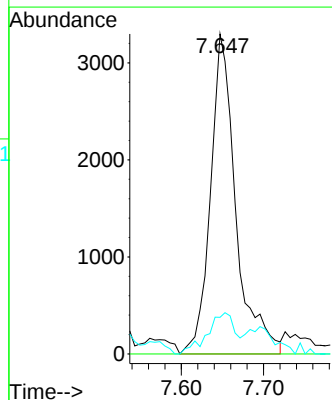
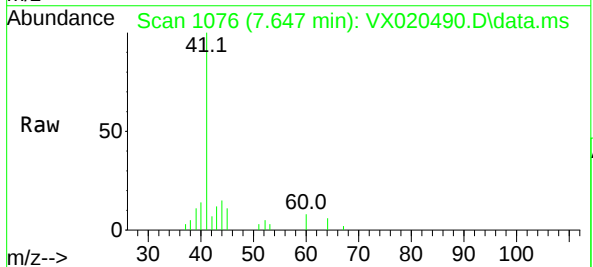
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#19

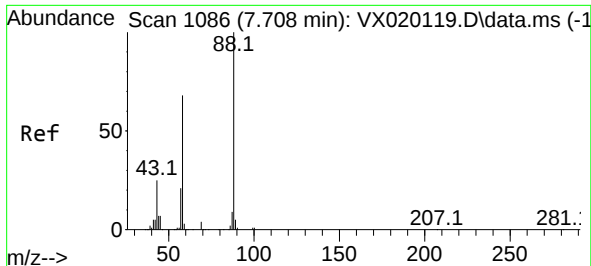
Tgt Ion: 43 Resp: 24330
Ion Ratio Lower Upper
43 100
61 22.0 18.2 27.4
87 13.9 12.5 18.7



#48
Methyl methacrylate
Concen: 2.24 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.091 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

Tgt Ion: 41 Resp: 7067
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

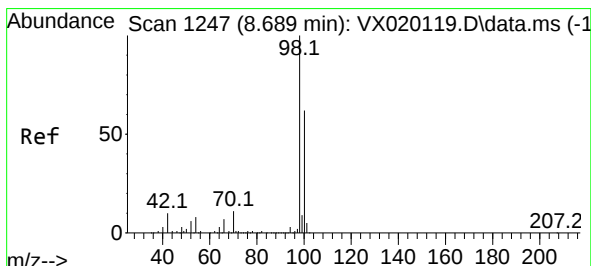
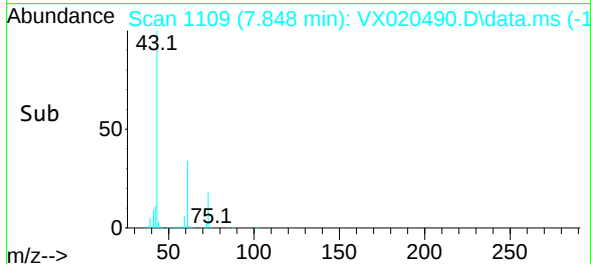
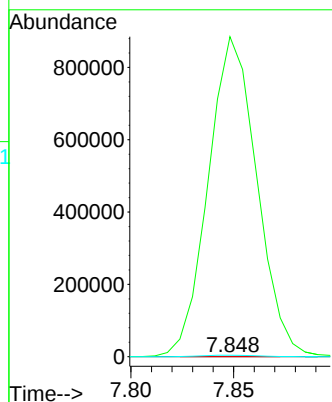
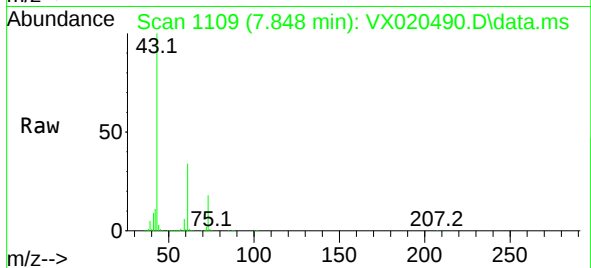




#49
1,4-Dioxane
Concen: 3.55 ug/l
RT: 7.848 min Scan# 1109
Delta R.T. 0.140 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

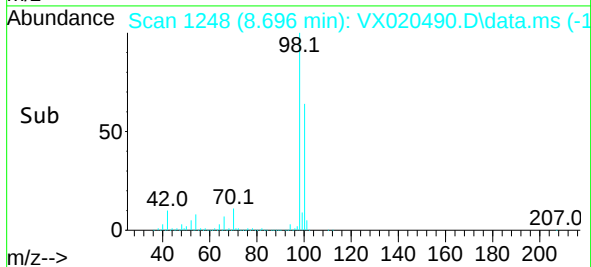
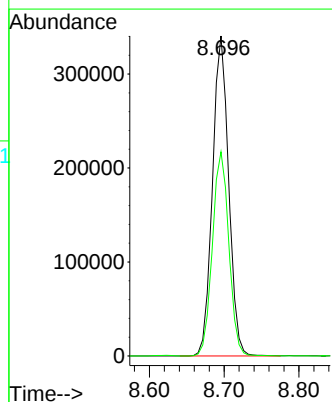
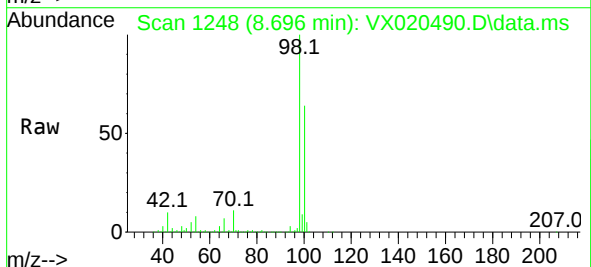
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#19

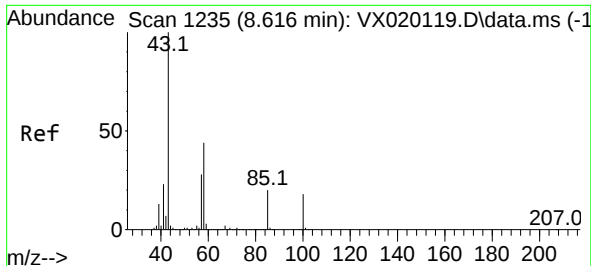
Tgt Ion: 88 Resp: 262
Ion Ratio Lower Upper
88 100
43 560103.4 23.2 34.8#
58 3070.6 55.0 82.4#



#50
Toluene-d8
Concen: 52.43 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

Tgt Ion: 98 Resp: 512768
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

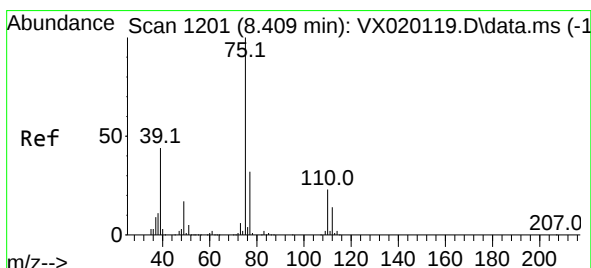
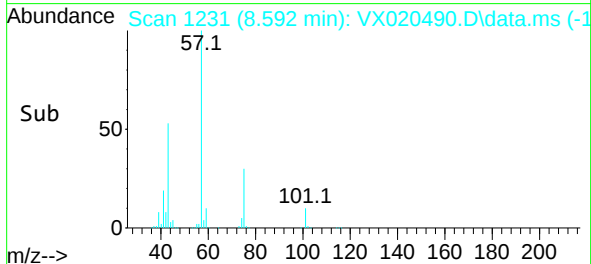
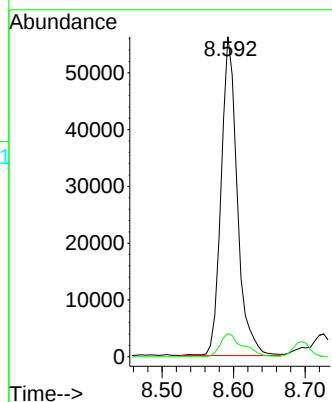
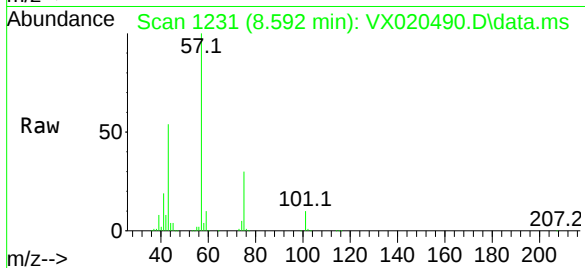




#51
4-Methyl-2-Pentanone
Concen: 22.12 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

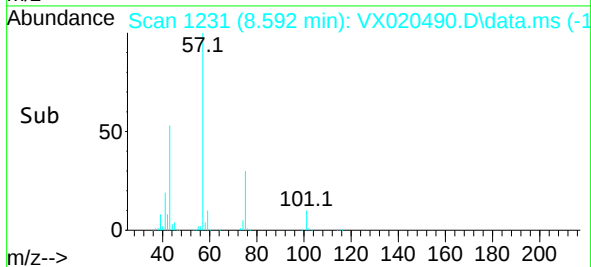
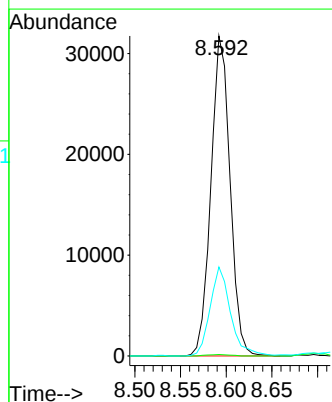
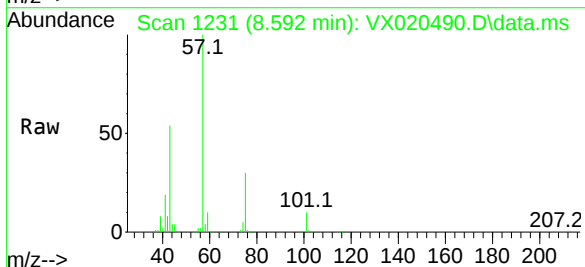
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#19

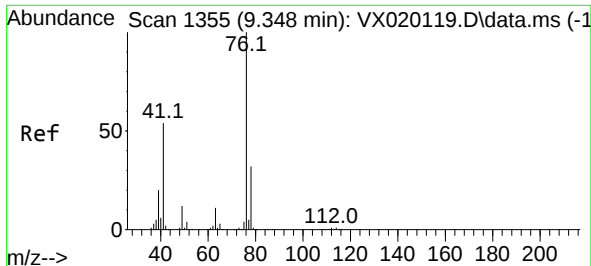
Tgt Ion: 43 Resp: 88187
Ion Ratio Lower Upper
43 100
58 10.0 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 9.48 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

Tgt Ion: 75 Resp: 46126
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 27.8 35.1 52.7#





#57

1,3-Dichloropropane

Concen: 5.71 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.177 min

Lab File: VX020490.D

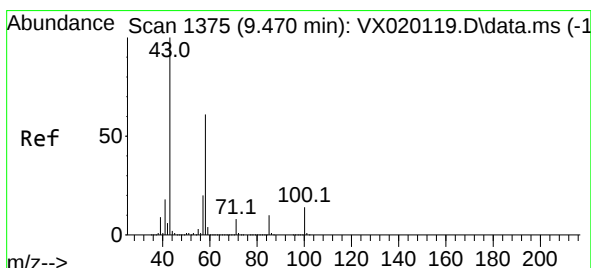
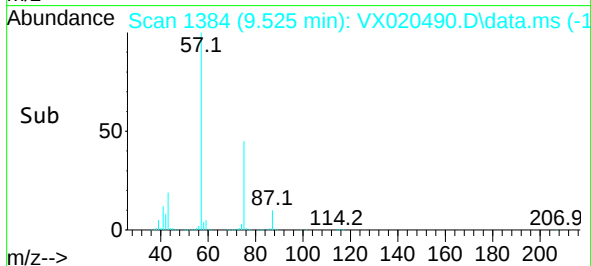
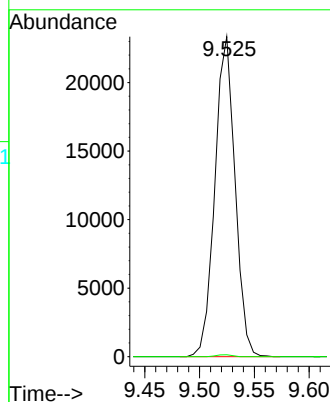
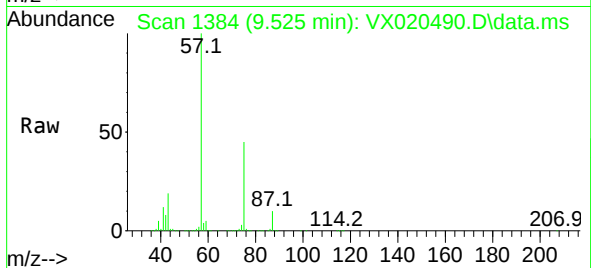
Acq: 31 Dec 2020 17:56

Tgt Ion: 76 Resp: 29887

Ion Ratio Lower Upper

76 100

78 0.5 26.2 39.2#



#59

2-Hexanone

Concen: 120.62 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.055 min

Lab File: VX020490.D

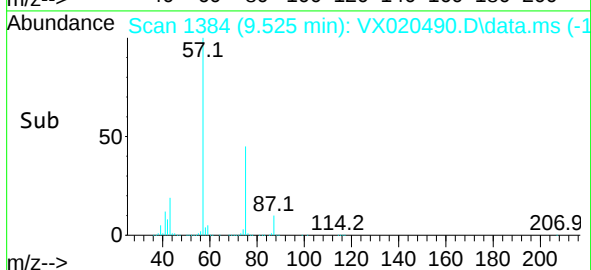
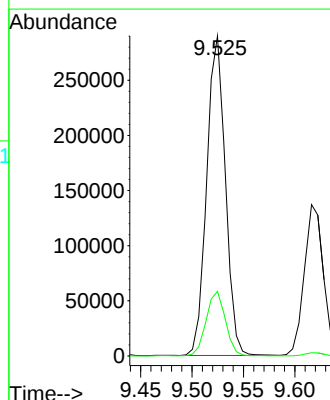
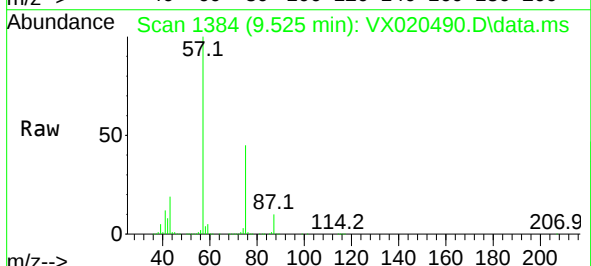
Acq: 31 Dec 2020 17:56

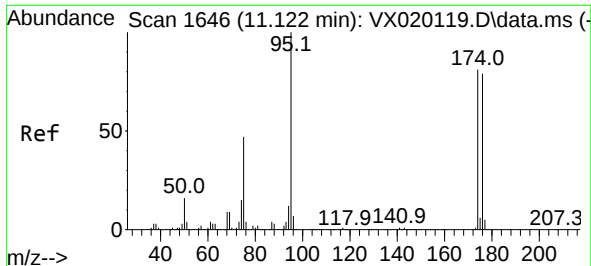
Tgt Ion: 43 Resp: 366486

Ion Ratio Lower Upper

43 100

58 20.8 30.9 92.8#

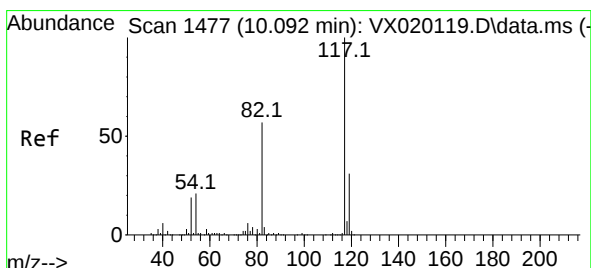
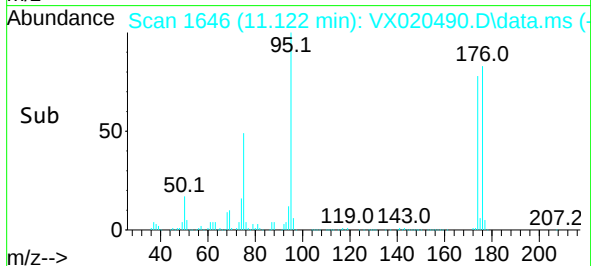
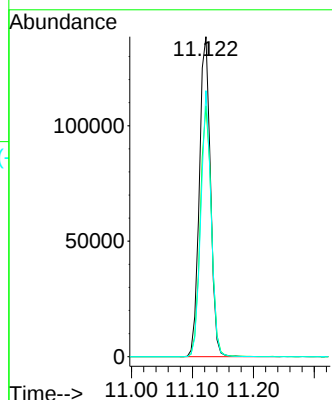
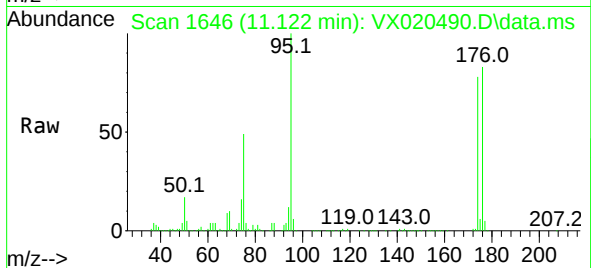




#62
4-Bromofluorobenzene
Concen: 46.73 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

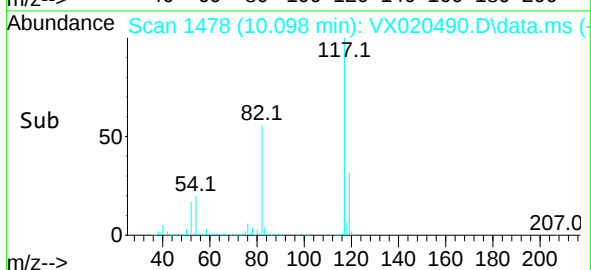
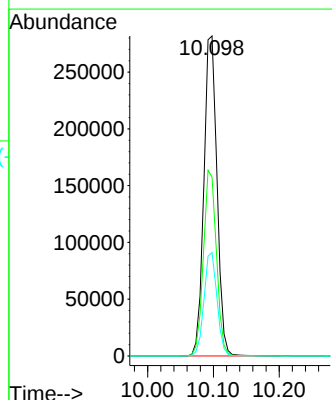
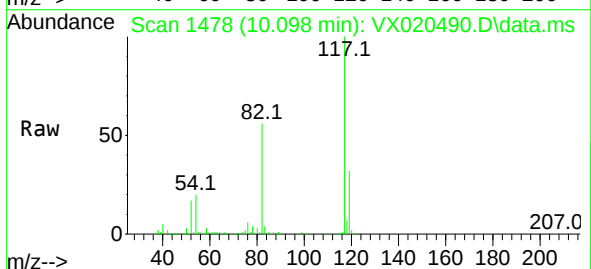
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#19

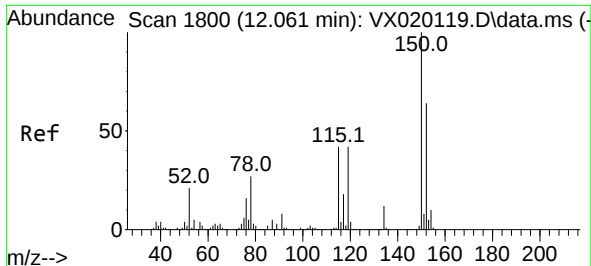
Tgt Ion: 95 Resp: 174912
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 77.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

Tgt Ion: 117 Resp: 391189
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 32.3 26.6 39.8

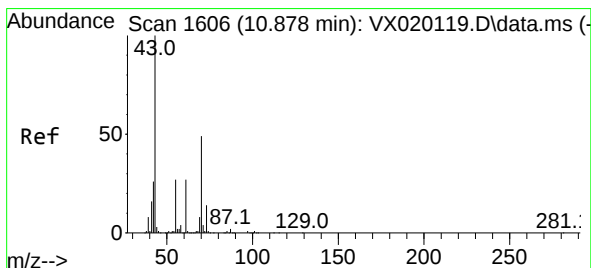
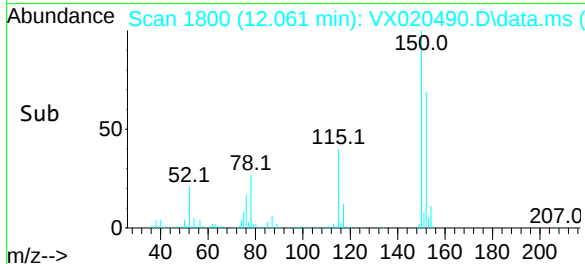
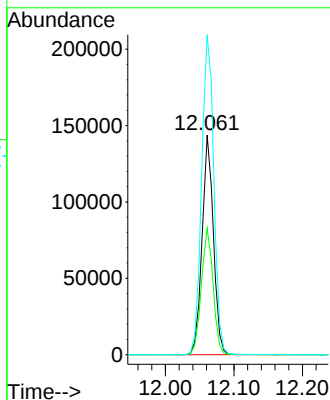
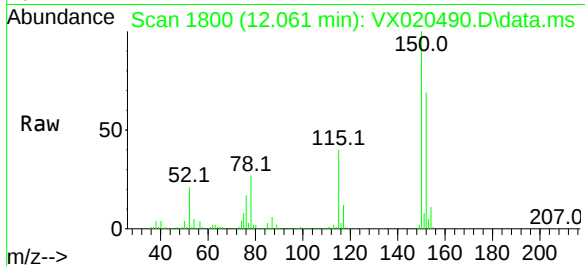




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

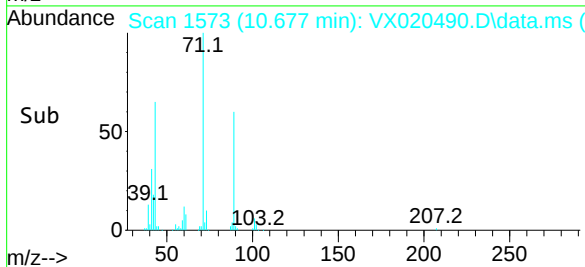
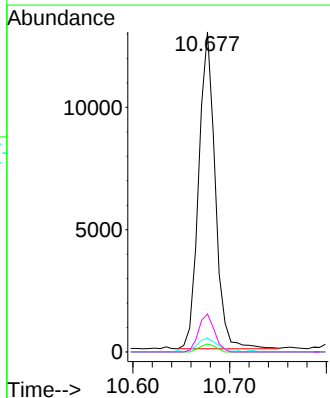
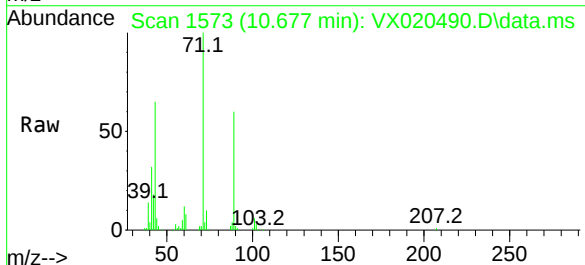
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#19

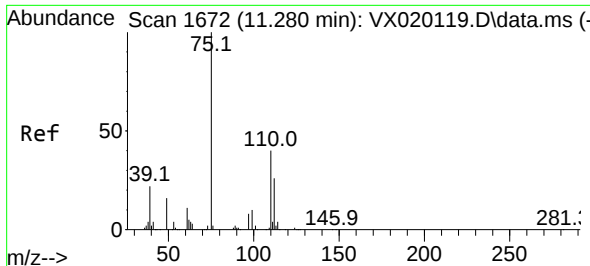
Tgt Ion:152 Resp: 165624
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 156.8 0.0 349.0



#74
N-ethyl acetate
Concen: 3.19 ug/l
RT: 10.677 min Scan# 1573
Delta R.T. -0.201 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

Tgt Ion: 43 Resp: 15373
Ion Ratio Lower Upper
43 100
70 2.5 39.0 58.6#
55 5.7 21.5 32.3#
61 11.5 22.1 33.1#

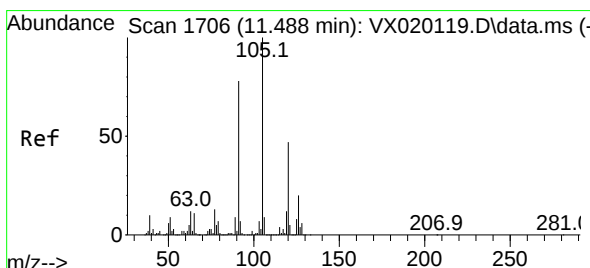
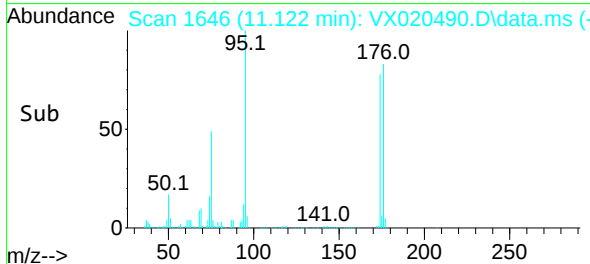
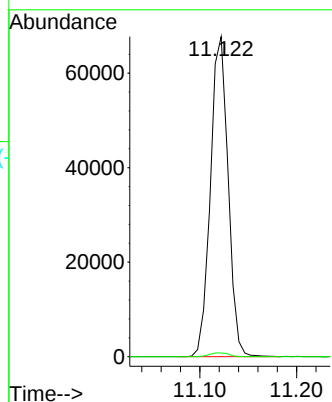
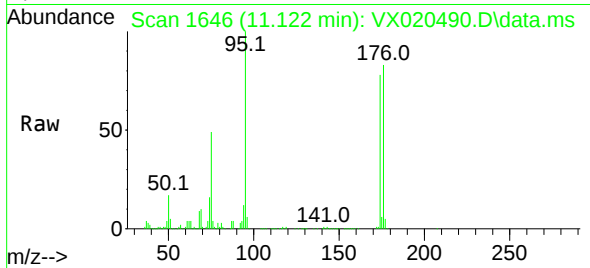




#76
1,2,3-Trichloropropane
Concen: 21.12 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

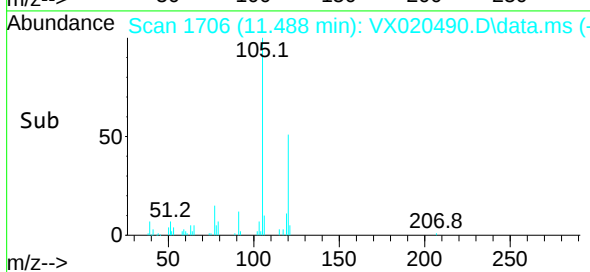
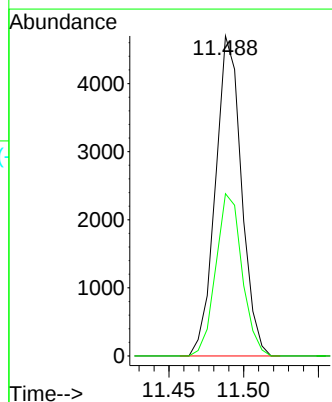
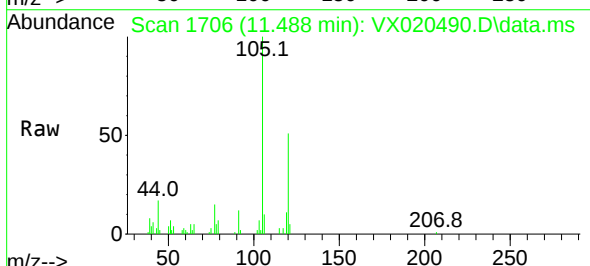
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#19

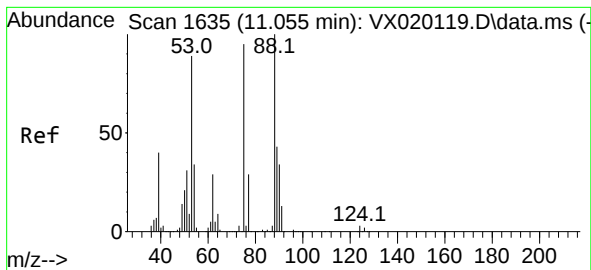
Tgt Ion: 75 Resp: 86181
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.56 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020490.D
Acq: 31 Dec 2020 17:56

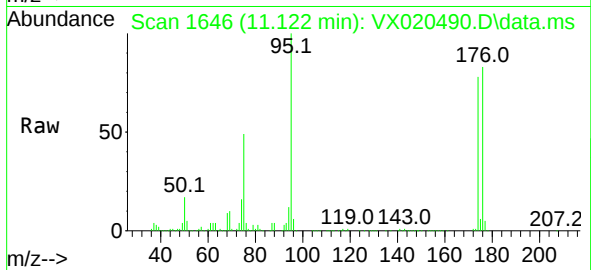
Tgt Ion: 105 Resp: 5684
Ion Ratio Lower Upper
105 100
120 51.1 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.67 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020490.D
 Acq: 31 Dec 2020 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133875ZHE#19



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	74.5	111.7#
89	0.0	37.9	56.9#

