

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123120\
 Data File : VX020488.D
 Acq On : 31 Dec 2020 17:09
 Operator : JC/MD
 Sample : PB133875ZHE#17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133875ZHE#17

Quant Time: Jan 01 00:12:35 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)

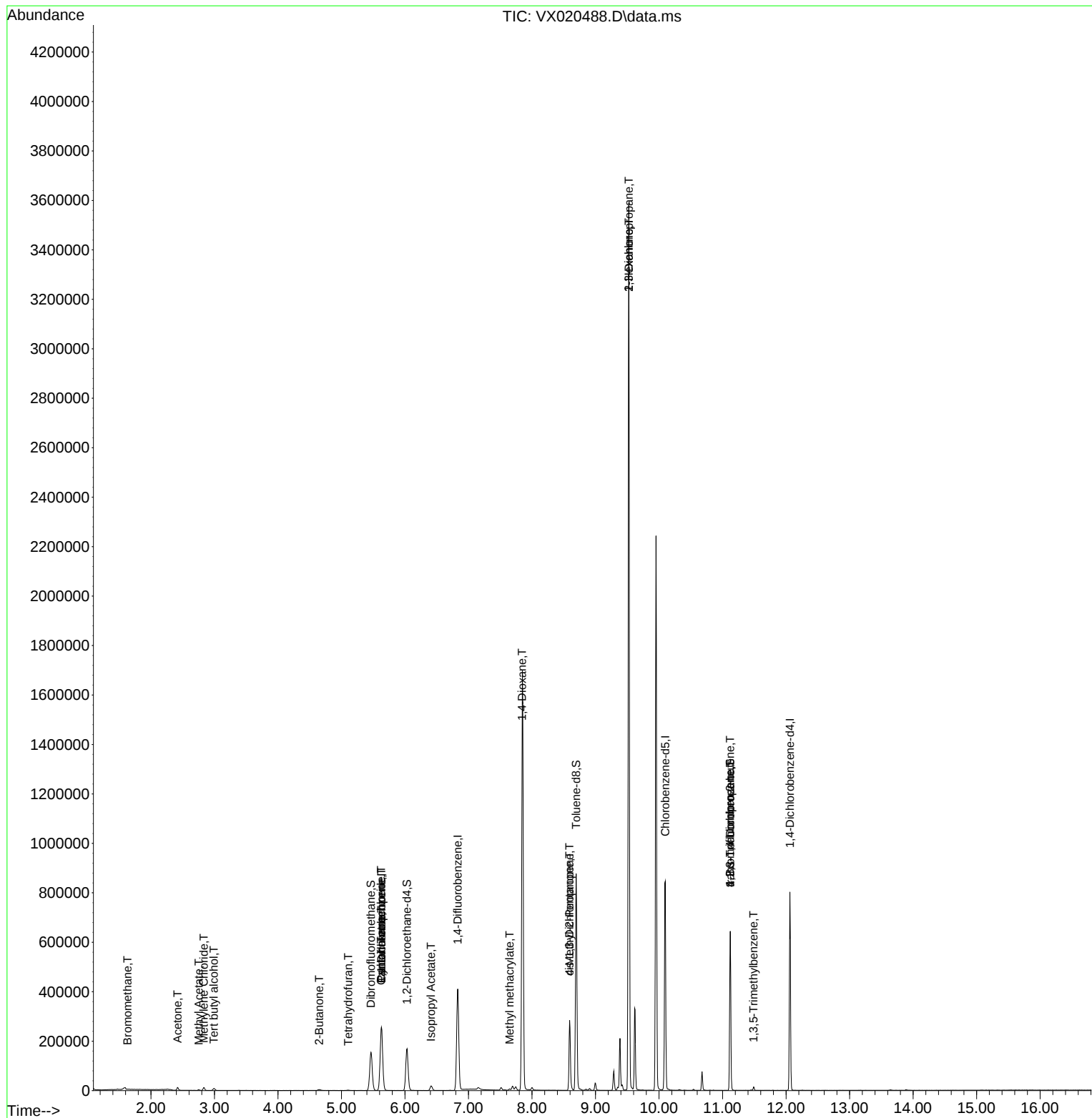
Internal Standards						
1) Pentafluorobenzene	5.629	168	244257	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	413510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	405842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	161943	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	161687	49.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.76%		
35) Dibromofluoromethane	5.464	113	134578	50.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.76%		
50) Toluene-d8	8.695	98	516269	50.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.40%		
62) 4-Bromofluorobenzene	11.122	95	181399	46.55	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.10%		
Target Compounds					Qvalue	
5) Bromomethane	1.630	94	454	0.42	ug/l	89
11) Tert butyl alcohol	2.989	59	4888	6.67	ug/l #	73
16) Acetone	2.416	43	12327	8.26	ug/l	98
18) Methyl Acetate	2.751	43	3354	1.01	ug/l	92
20) Methylene Chloride	2.831	84	5186	1.54	ug/l	96
25) 2-Butanone	4.647	43	3821	1.76	ug/l	93
29) Tetrahydrofuran	5.105	42	1438	1.05	ug/l #	57
31) Cyclohexane	5.629	56	5062	1.12	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19030	4.66	ug/l #	48
38) Carbon Tetrachloride	5.623	117	25080	6.45	ug/l #	17
43) Isopropyl Acetate	6.409	43	24407	3.64	ug/l	98
48) Methyl methacrylate	7.647	41	6730	2.05	ug/l #	10
49) 1,4-Dioxane	7.842	88	261	3.39	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	89283	21.51	ug/l #	47
54) cis-1,3-Dichloropropene	8.592	75	46540	9.19	ug/l #	62
57) 1,3-Dichloropropane	9.525	76	31310	5.74	ug/l #	43
59) 2-Hexanone	9.525	43	370532	117.14	ug/l #	46
76) 1,2,3-Trichloropropane	11.122	75	85545	21.44	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.488	105	6130	0.62	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.122	75	85545	63.62	ug/l #	12

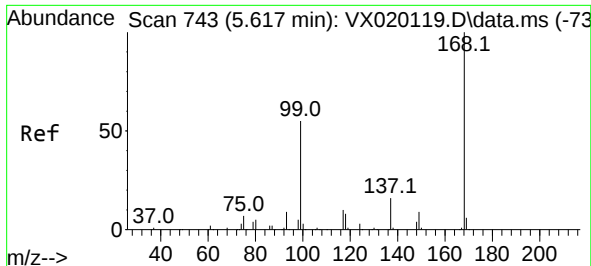
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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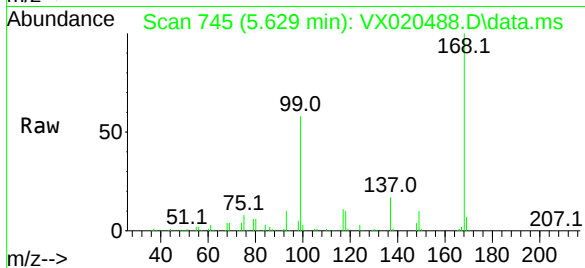
Quant Time: Jan 01 00:12:35 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



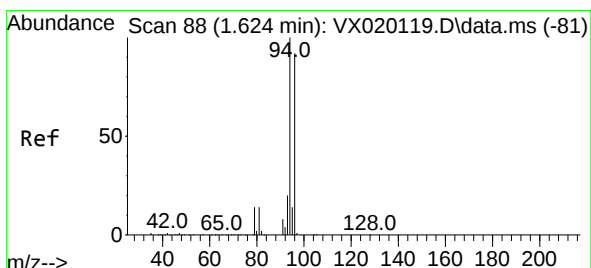
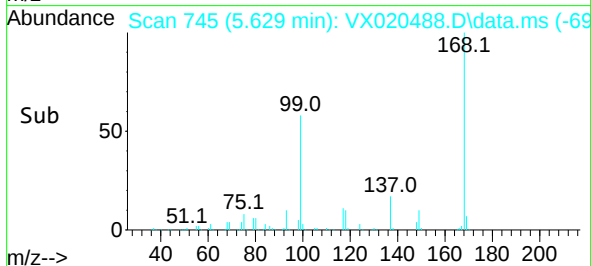
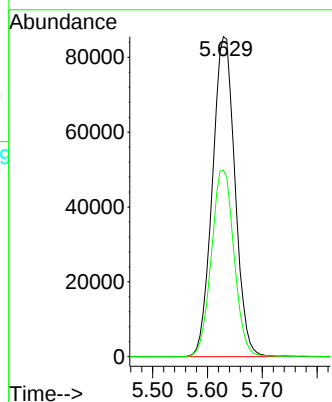


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#17

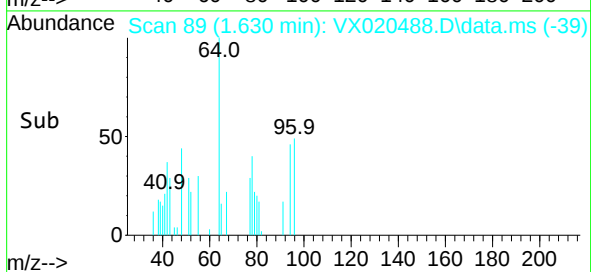
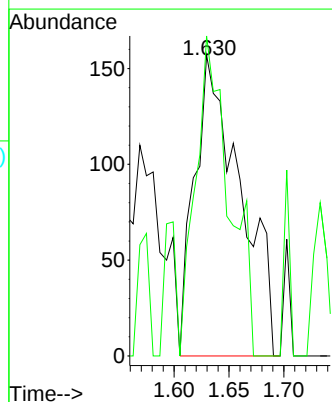
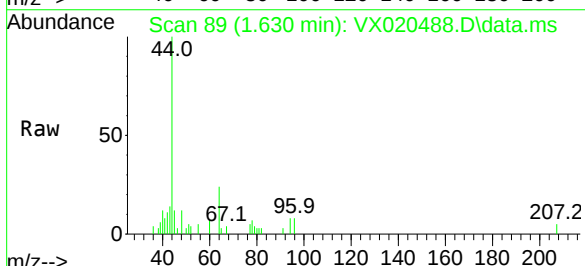


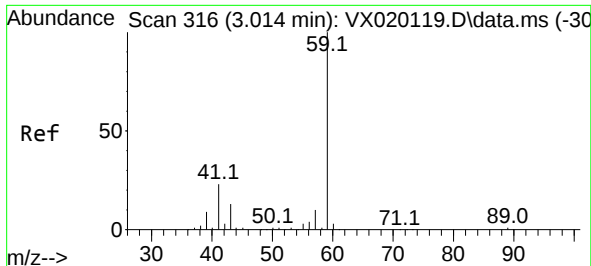
Tgt Ion:168 Resp: 244257
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6



#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 94 Resp: 454
Ion Ratio Lower Upper
94 100
96 106.4 76.4 114.6



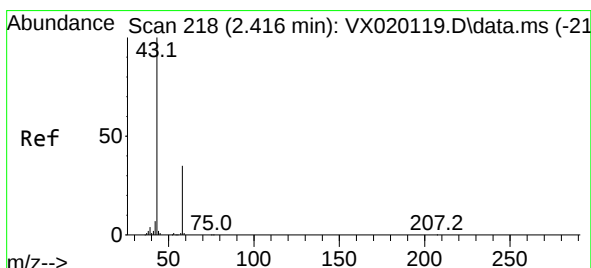
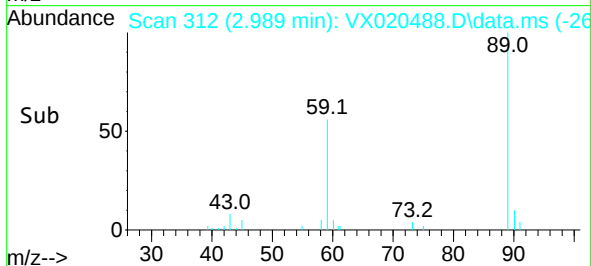
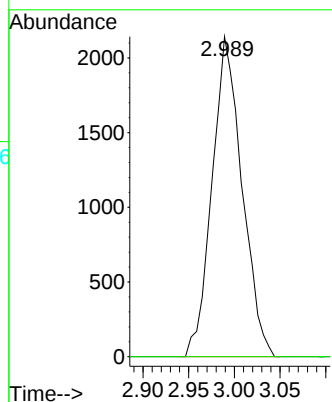
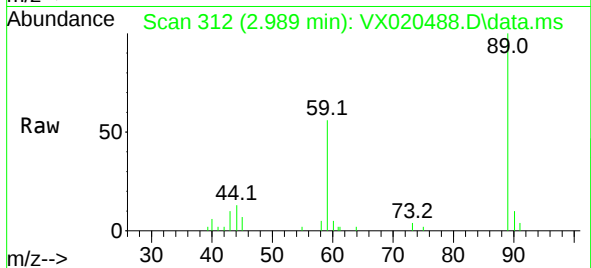


#11

Tert butyl alcohol
Concen: 6.67 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Instrument :
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ClientSampleId :
PB133875ZHE#17

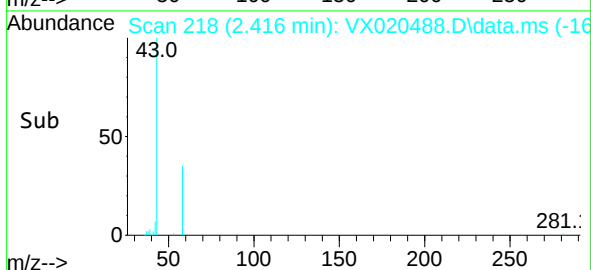
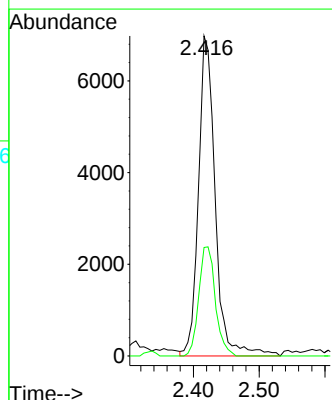
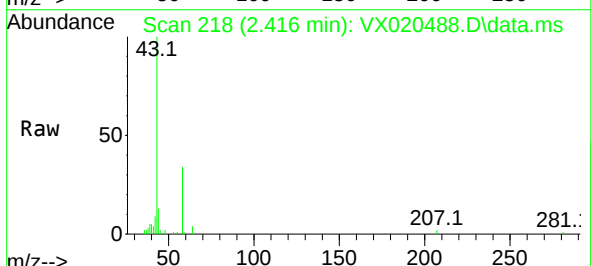
Tgt Ion: 59 Resp: 4888
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

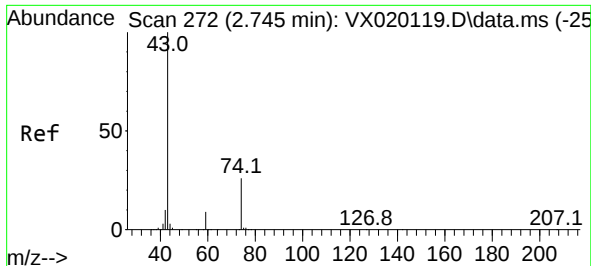


#16

Acetone
Concen: 8.26 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

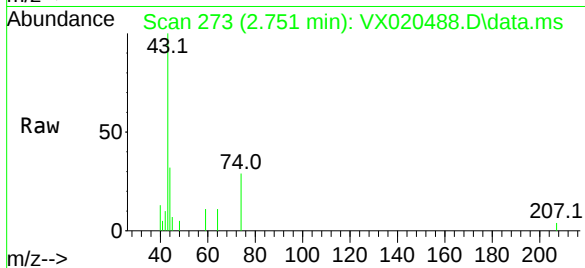
Tgt Ion: 43 Resp: 12327
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.8



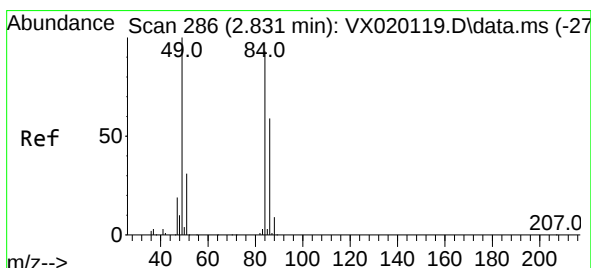
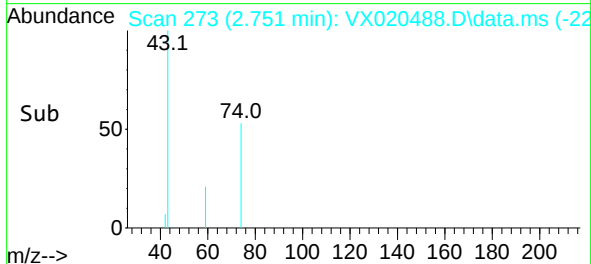
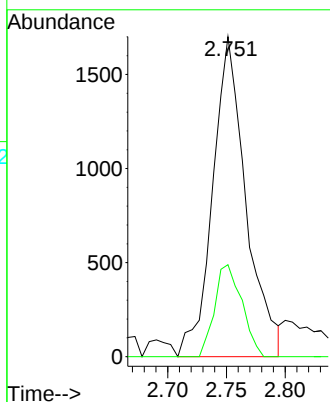


#18
Methyl Acetate
Concen: 1.01 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#17

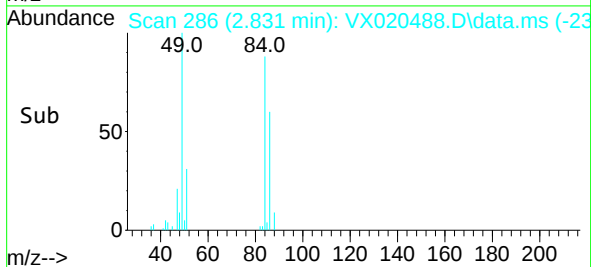
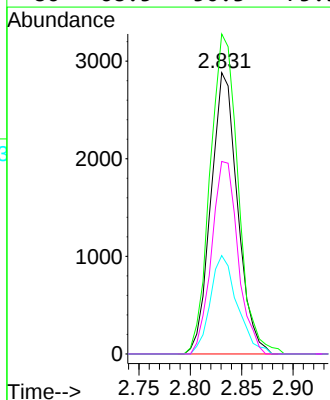
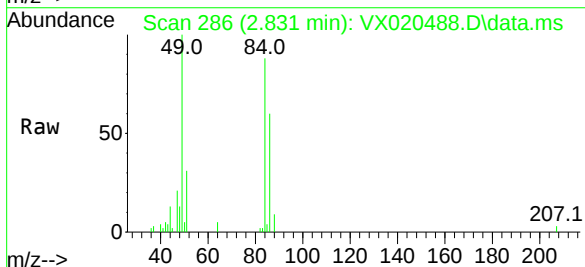


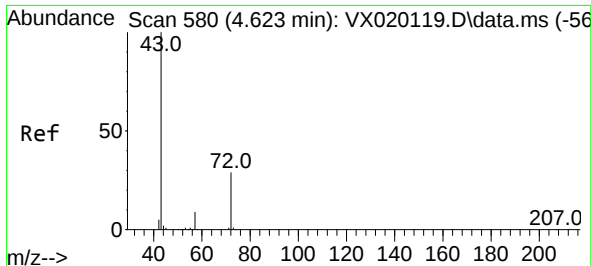
Tgt Ion: 43 Resp: 3354
Ion Ratio Lower Upper
43 100
74 23.5 21.9 32.9



#20
Methylene Chloride
Concen: 1.54 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 84 Resp: 5186
Ion Ratio Lower Upper
84 100
49 113.8 88.6 132.8
51 35.0 27.0 40.6
86 68.5 50.3 75.5

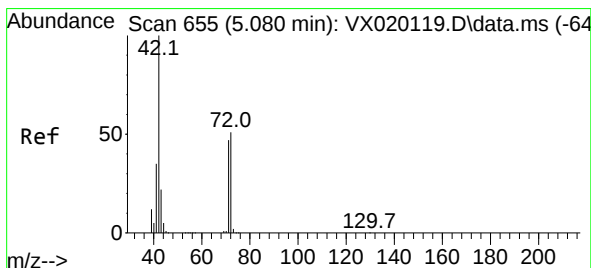
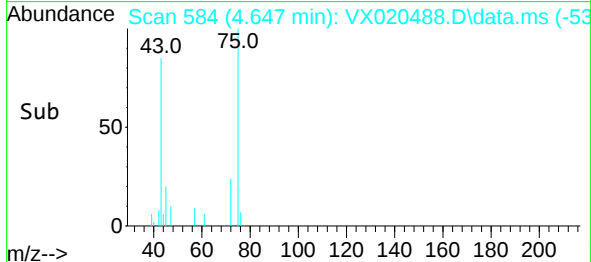
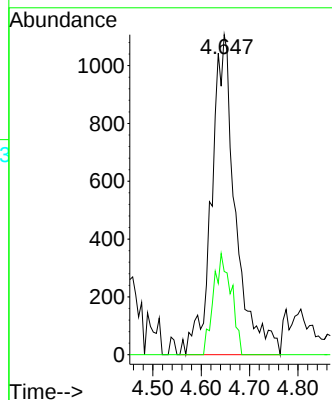
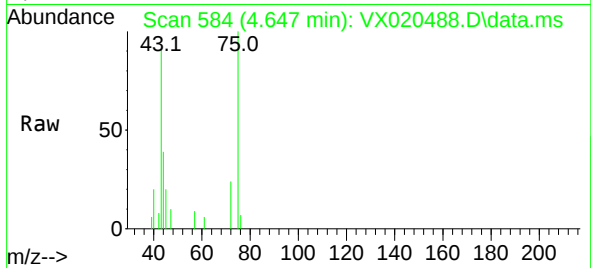




#25
2-Butanone
Concen: 1.76 ug/l
RT: 4.647 min Scan# 584
Delta R.T. 0.024 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

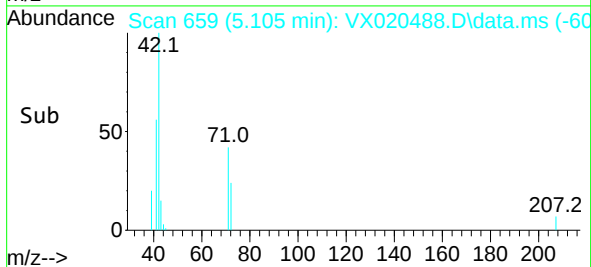
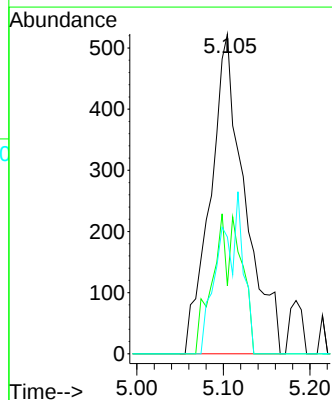
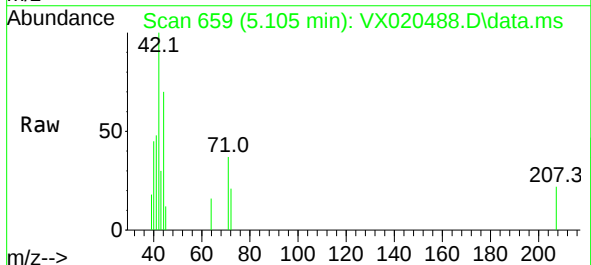
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#17

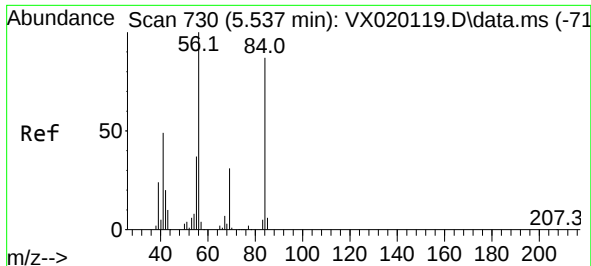
Tgt Ion: 43 Resp: 3821
Ion Ratio Lower Upper
43 100
72 26.0 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.05 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.025 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

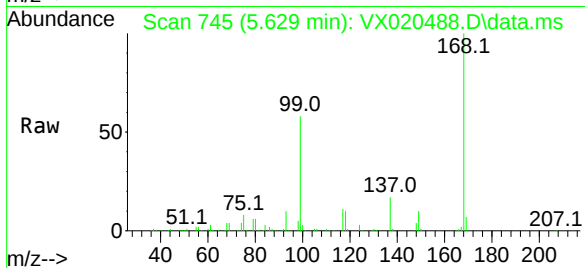
Tgt Ion: 42 Resp: 1438
Ion Ratio Lower Upper
42 100
72 19.6 41.7 62.5#
71 21.7 38.4 57.6#



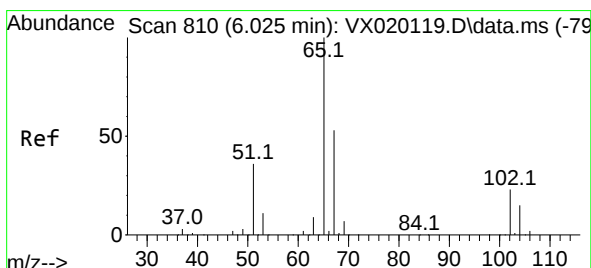
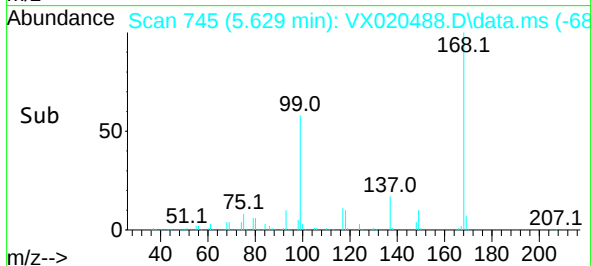
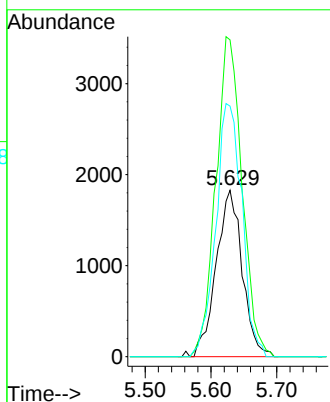


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#17

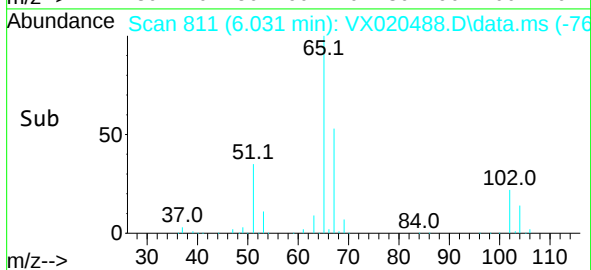
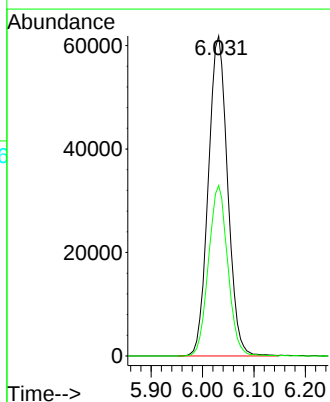
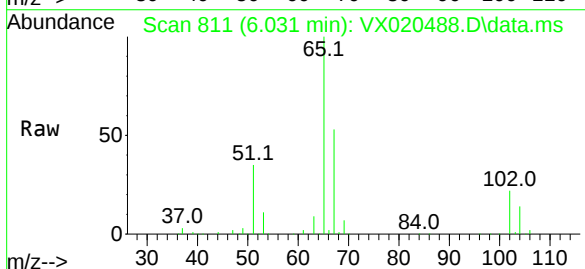


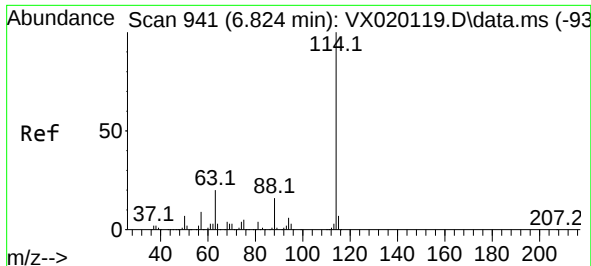
Tgt Ion: 56 Resp: 5062
Ion Ratio Lower Upper
56 100
69 190.4 25.3 37.9#
84 150.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.38 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

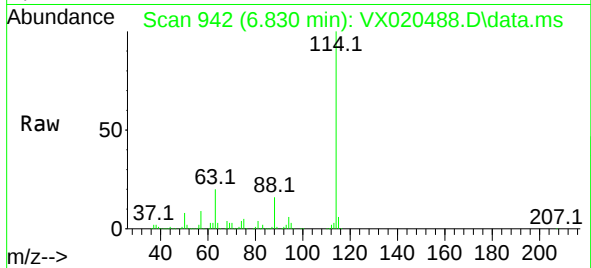
Tgt Ion: 65 Resp: 161687
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



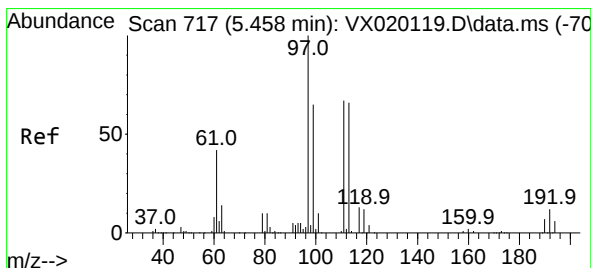
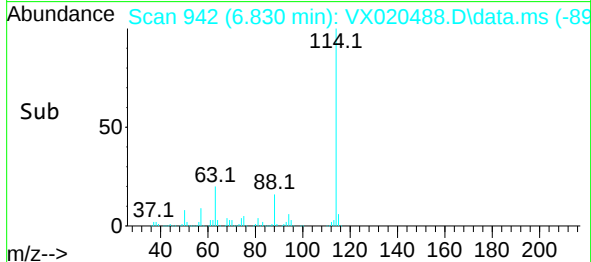
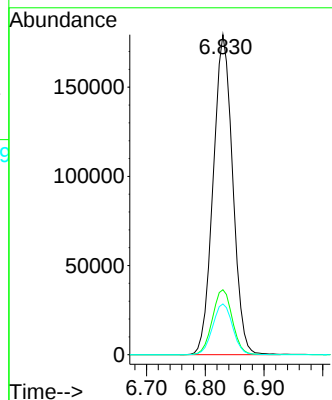


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Instrument :
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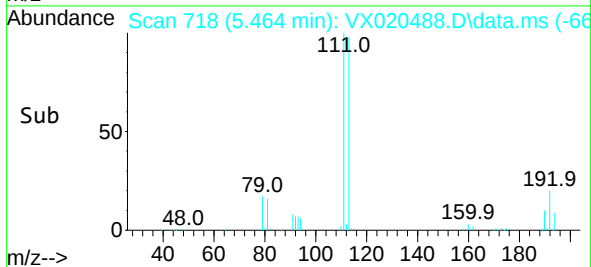
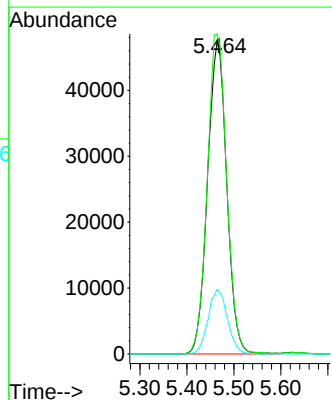
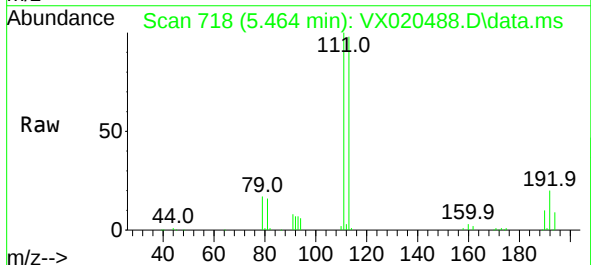


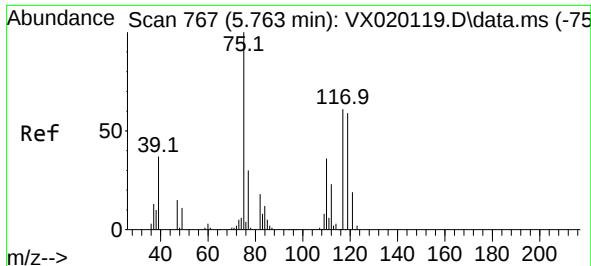
Tgt Ion:114 Resp: 413510
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.88 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Tgt Ion:113 Resp: 134578
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 20.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.66 ug/l

RT: 5.629 min Scan# 745

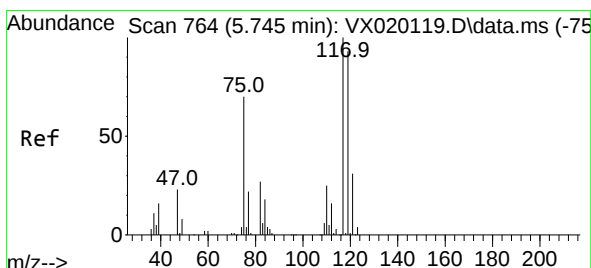
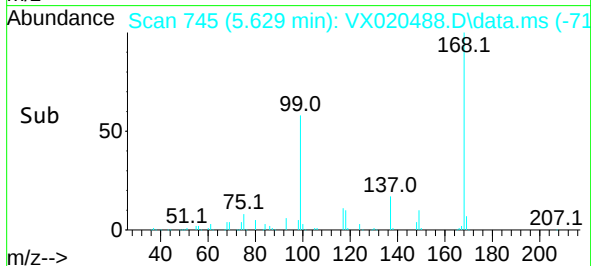
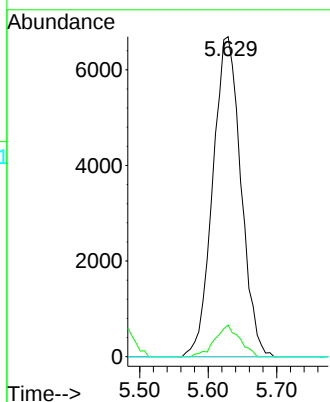
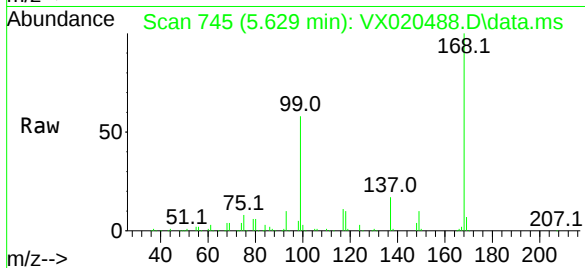
Delta R.T. -0.134 min

Lab File: VX020488.D

Acq: 31 Dec 2020 17:09

Tgt Ion:	75	Resp:	19030
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
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#38

Carbon Tetrachloride

Concen: 6.45 ug/l

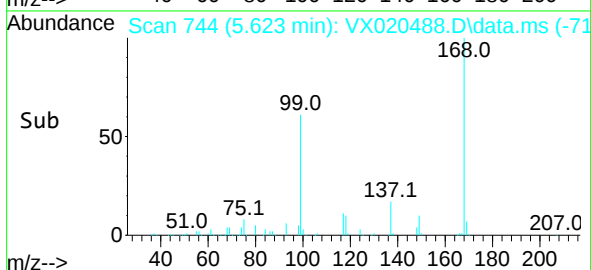
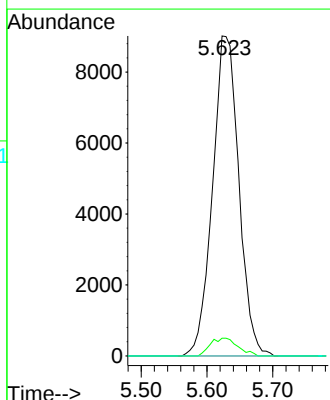
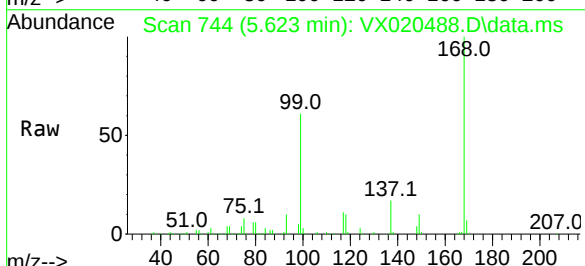
RT: 5.623 min Scan# 744

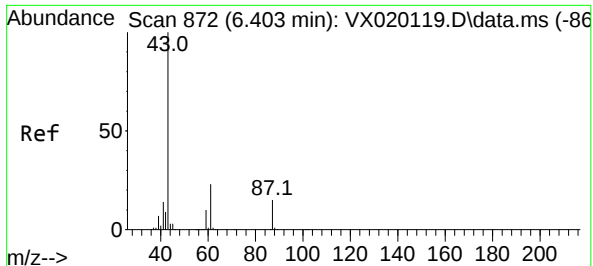
Delta R.T. -0.122 min

Lab File: VX020488.D

Acq: 31 Dec 2020 17:09

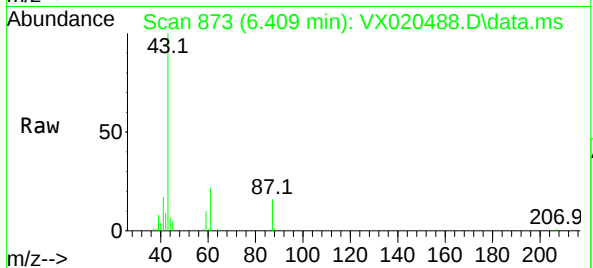
Tgt Ion:	117	Resp:	25080
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.2	114.2#
121	0.0	24.8	37.2#



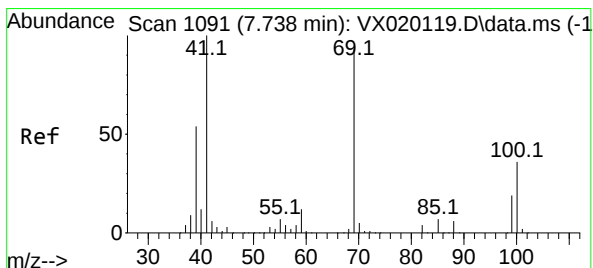
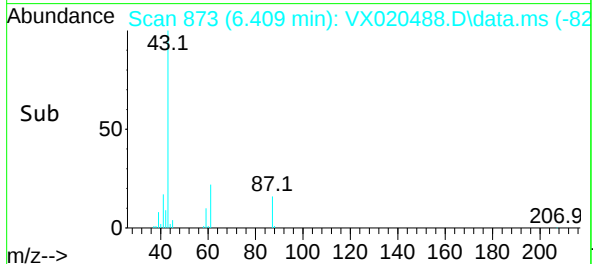
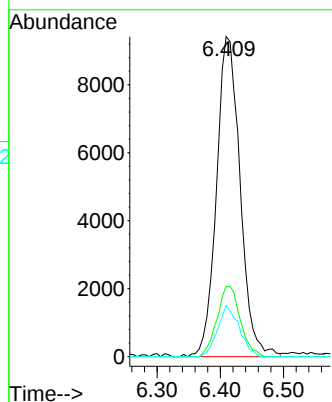


#43
Isopropyl Acetate
Concen: 3.64 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#17

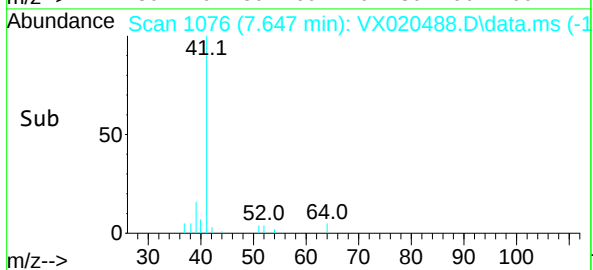
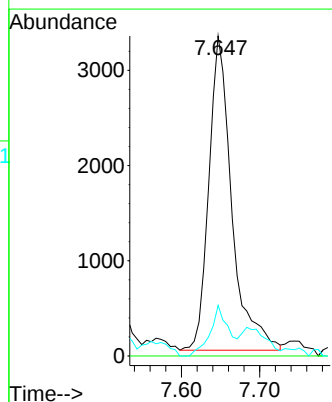
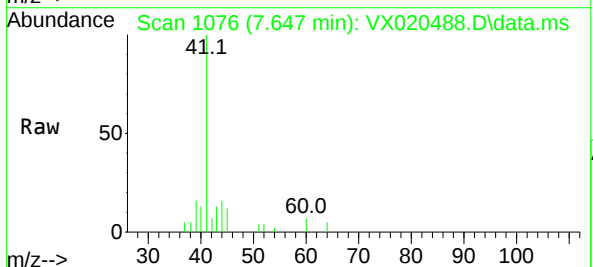


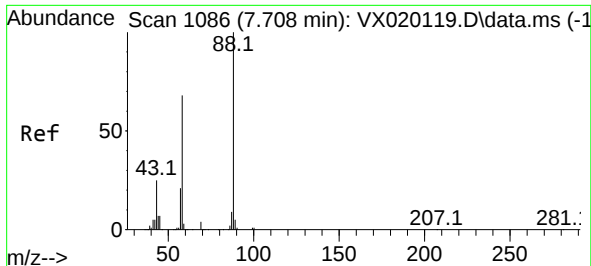
Tgt Ion: 43 Resp: 24407
Ion Ratio Lower Upper
43 100
61 21.7 18.2 27.4
87 14.6 12.5 18.7



#48
Methyl methacrylate
Concen: 2.05 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.091 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 41 Resp: 6730
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: 3.39 ug/l

RT: 7.842 min Scan# 1108

Delta R.T. 0.134 min

Lab File: VX020488.D

Acq: 31 Dec 2020 17:09

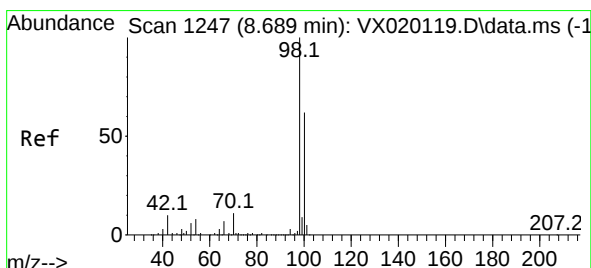
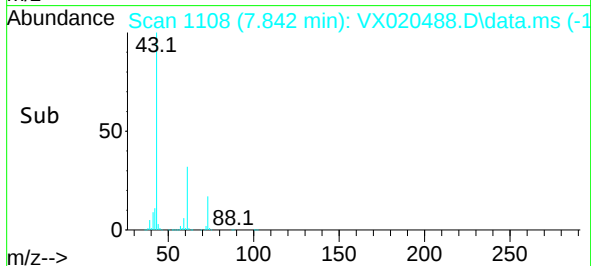
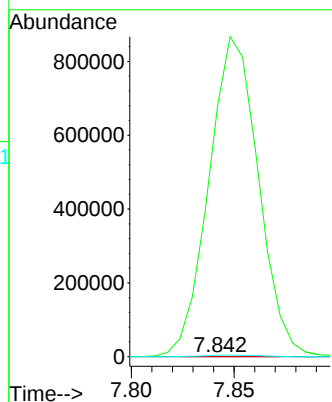
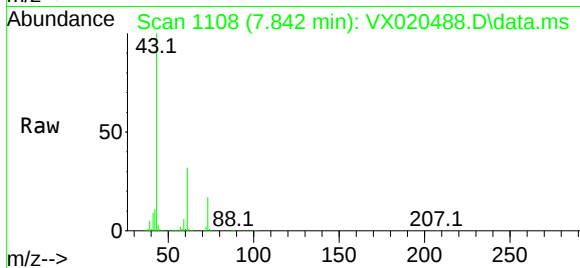
Tgt Ion: 88 Resp: 261

Ion Ratio Lower Upper

88 100

43 560710.3 23.2 34.8#

58 3003.1 55.0 82.4#



#50

Toluene-d8

Concen: 50.70 ug/l

RT: 8.695 min Scan# 1248

Delta R.T. 0.006 min

Lab File: VX020488.D

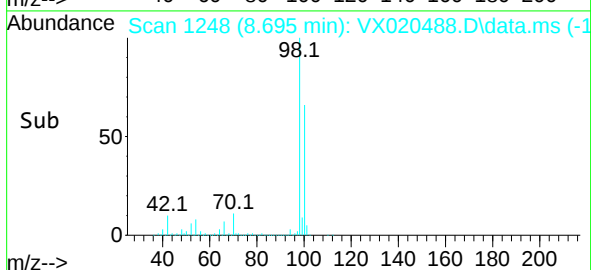
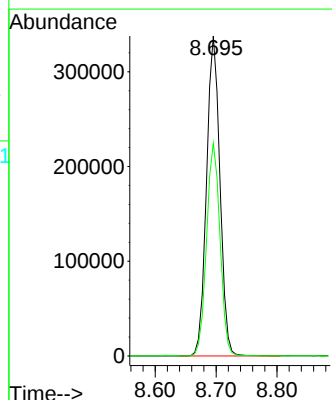
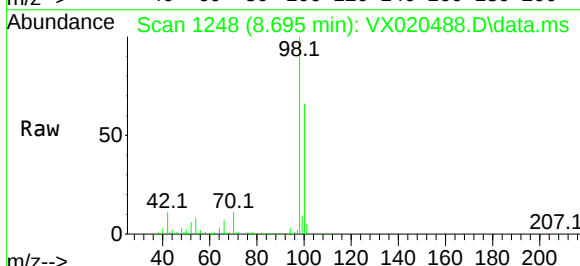
Acq: 31 Dec 2020 17:09

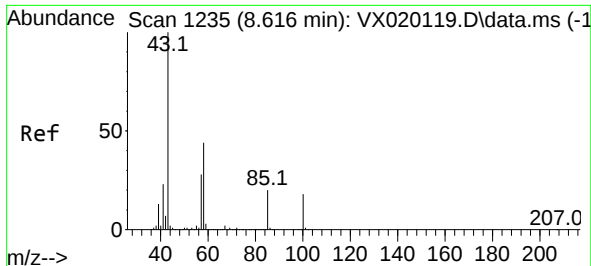
Tgt Ion: 98 Resp: 516269

Ion Ratio Lower Upper

98 100

100 66.8 51.9 77.9

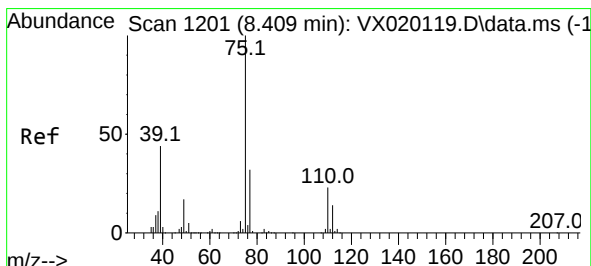
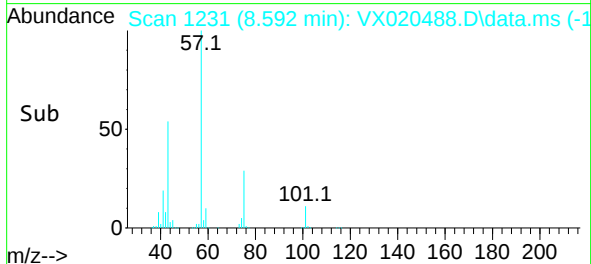
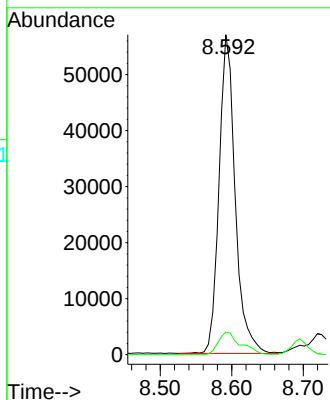
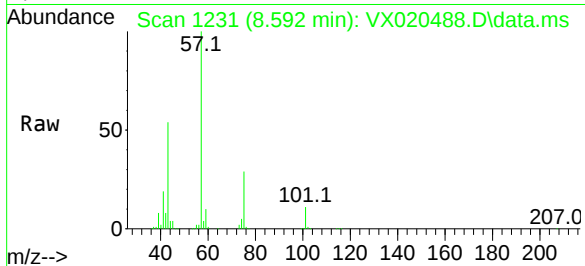




#51
4-Methyl-2-Pentanone
Concen: 21.51 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

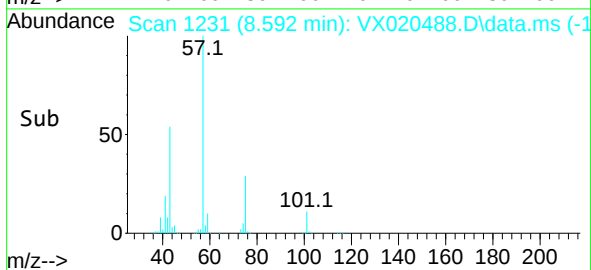
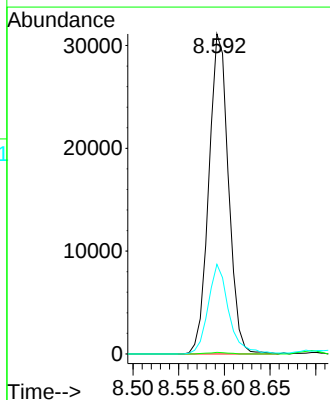
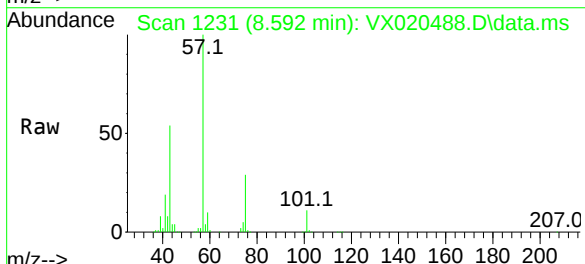
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#17

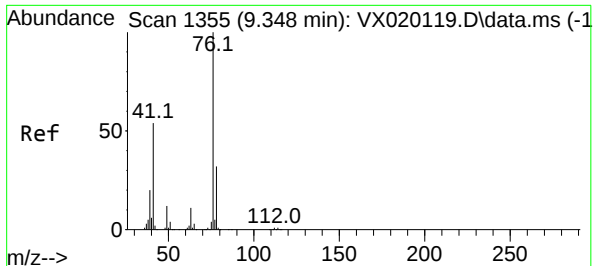
Tgt Ion: 43 Resp: 89283
Ion Ratio Lower Upper
43 100
58 9.8 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 9.19 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 75 Resp: 46540
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 28.0 35.1 52.7#

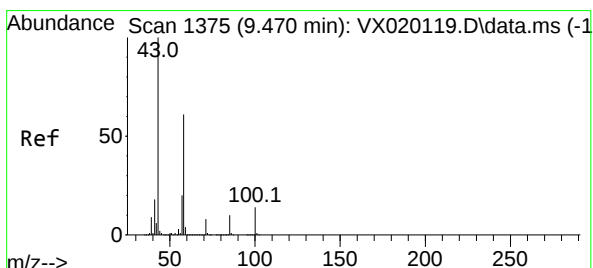
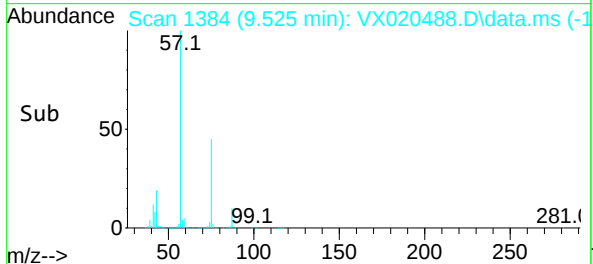
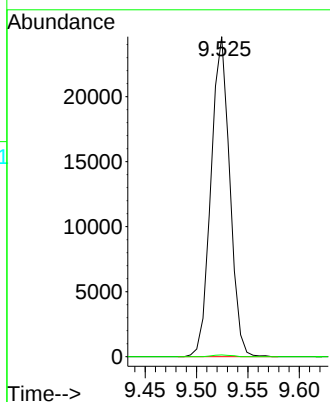
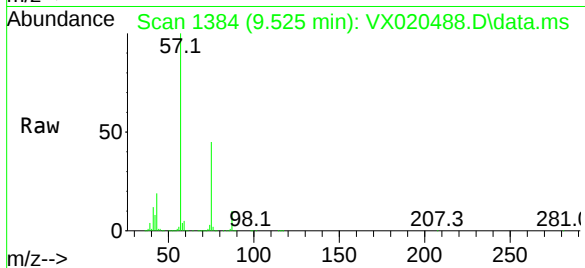




#57
1,3-Dichloropropane
Concen: 5.74 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

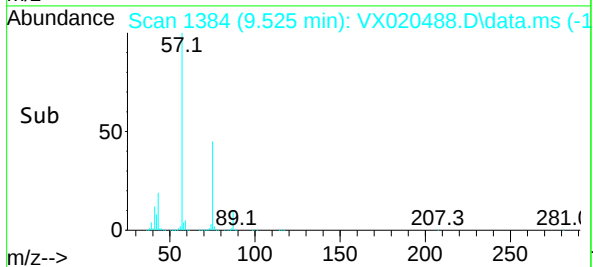
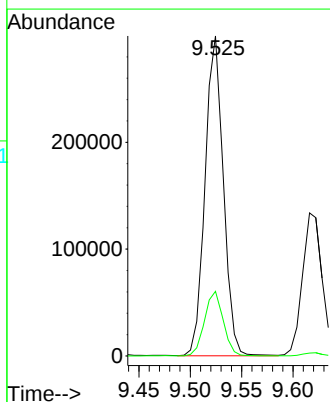
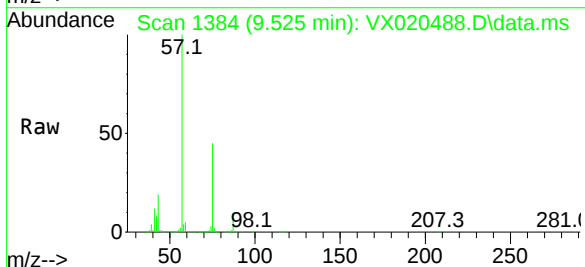
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#17

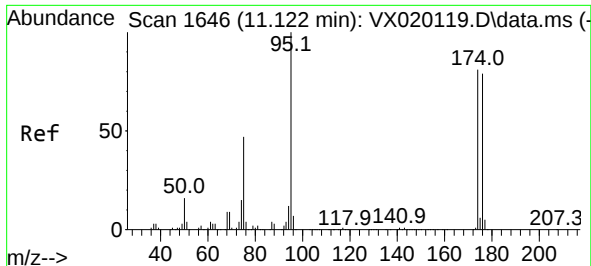
Tgt Ion: 76 Resp: 31310
Ion Ratio Lower Upper
76 100
78 0.6 26.2 39.2#



#59
2-Hexanone
Concen: 117.14 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 43 Resp: 370532
Ion Ratio Lower Upper
43 100
58 20.6 30.9 92.8#

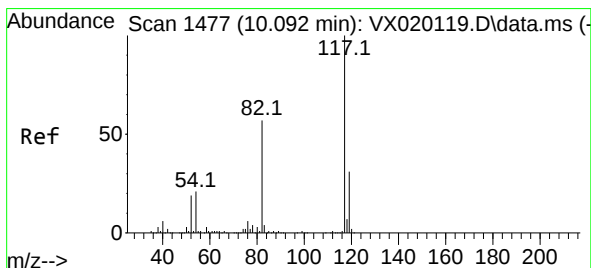
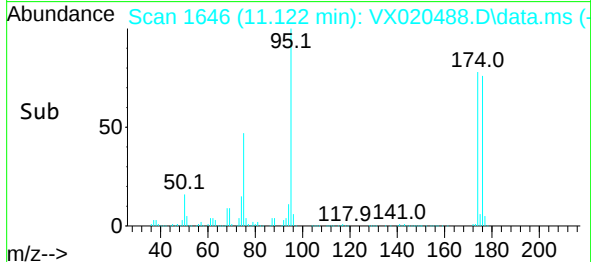
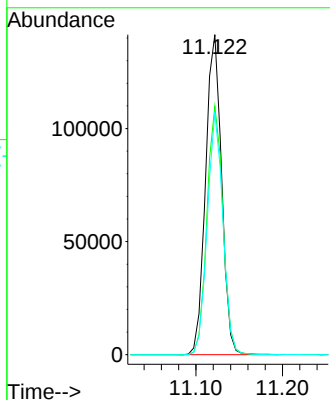
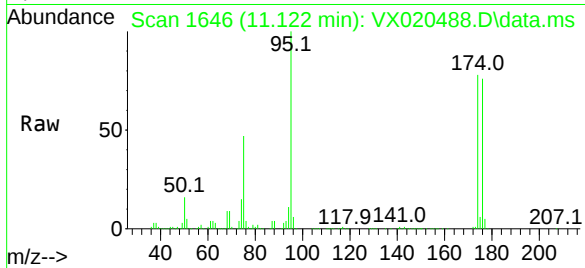




#62
4-Bromofluorobenzene
Concen: 46.55 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

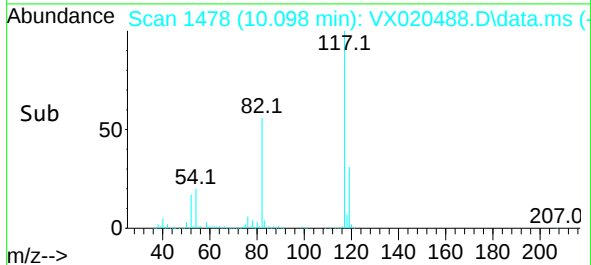
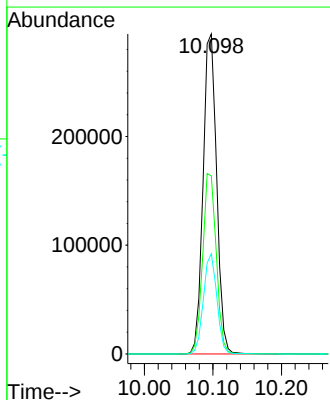
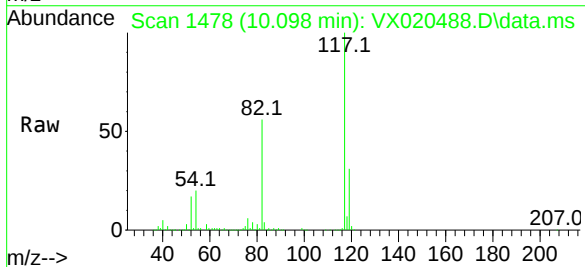
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#17

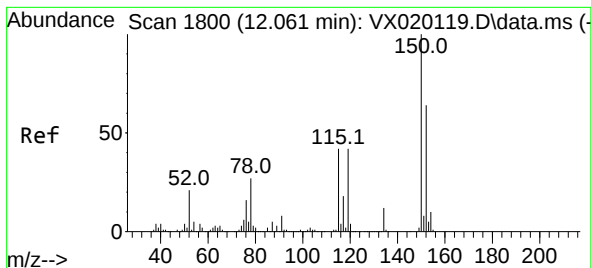
Tgt Ion: 95 Resp: 181399
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 73.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 117 Resp: 405842
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 31.4 26.6 39.8

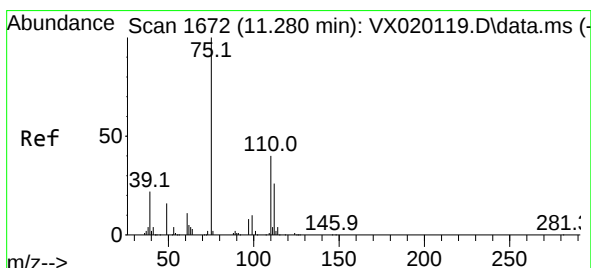
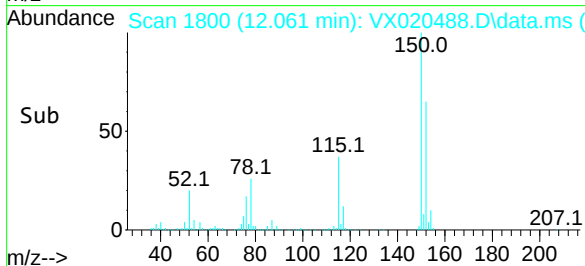
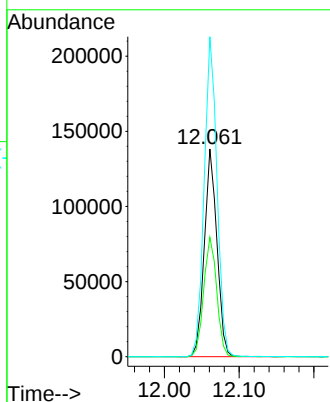
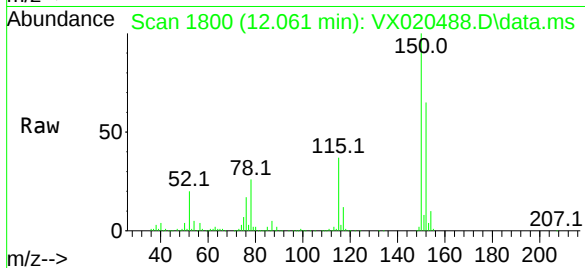




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

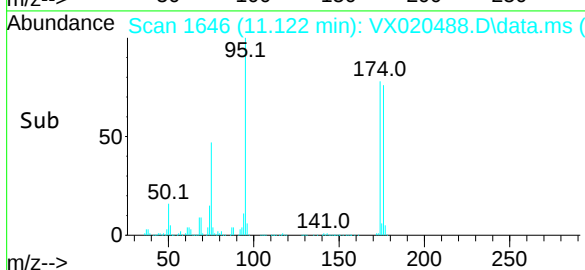
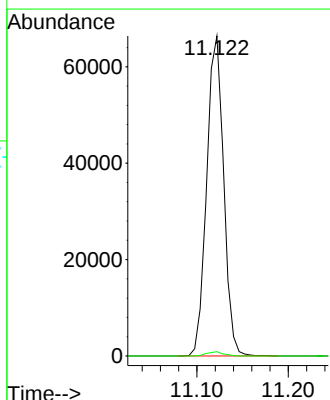
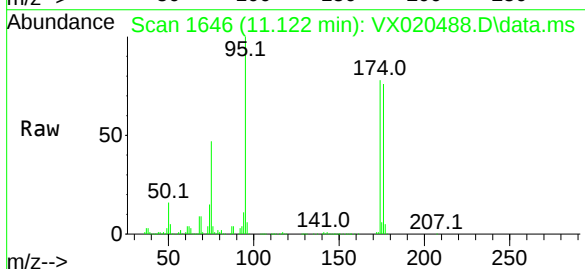
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#17

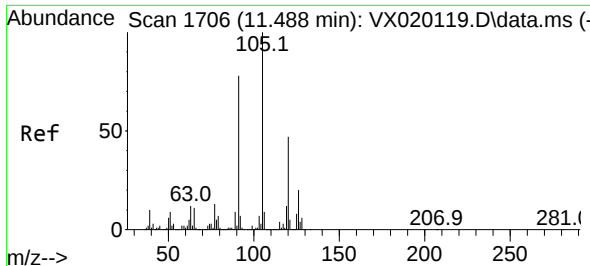
Tgt Ion:152 Resp: 161943
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 156.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.44 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 75 Resp: 85545
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

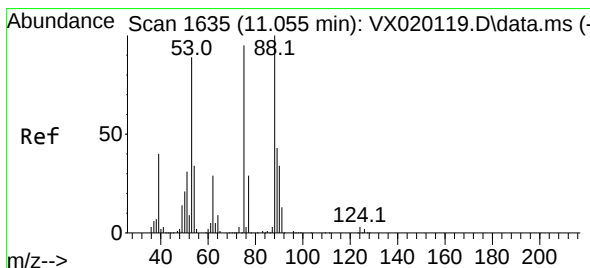
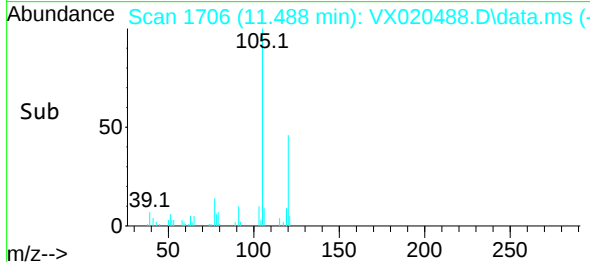
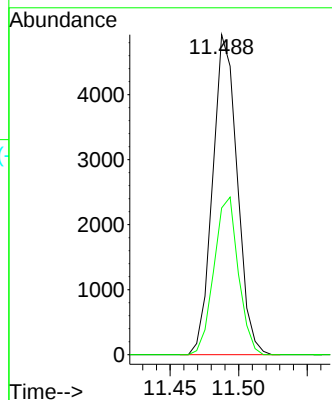
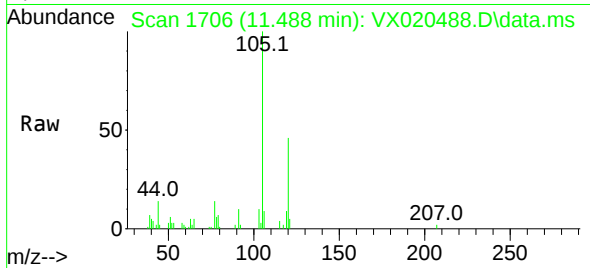




#80
1,3,5-Trimethylbenzene
Concen: 0.62 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#17

Tgt Ion:105 Resp: 6130
Ion Ratio Lower Upper
105 100
120 48.8 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 63.62 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020488.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 75 Resp: 85545
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

