

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123120\
 Data File : VX020483.D
 Acq On : 31 Dec 2020 15:12
 Operator : JC/MD
 Sample : PB133875ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133875ZHE#12

Quant Time: Jan 01 00:10:53 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

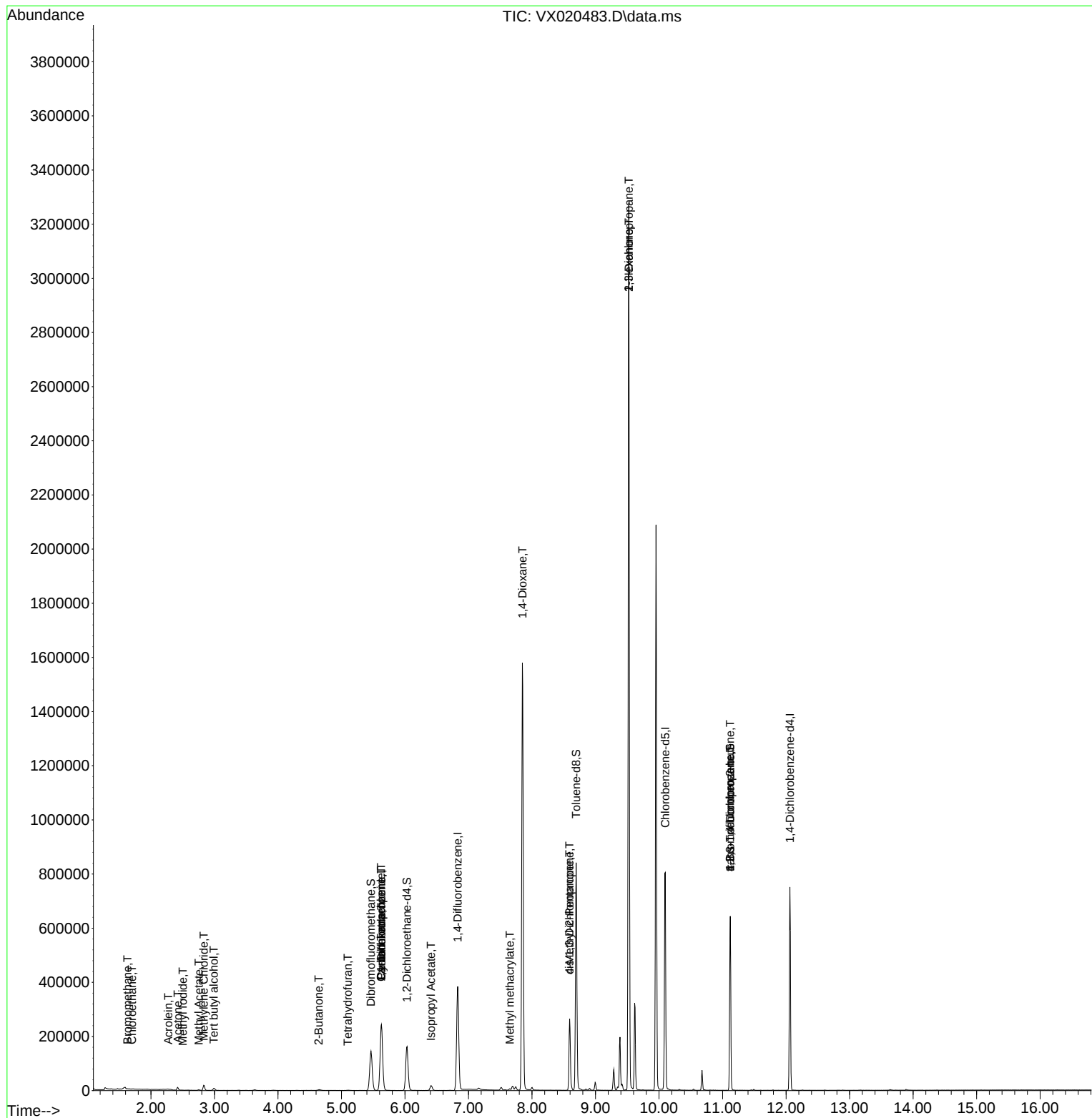
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	233170	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	387525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	383625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	156184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	153989	49.27	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.54%
35) Dibromofluoromethane	5.464	113	125167	50.49	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.98%
50) Toluene-d8	8.695	98	490437	51.40	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.80%
62) 4-Bromofluorobenzene	11.122	95	175003	47.92	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.84%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	504	0.49	ug/l #	74
6) Chloroethane	1.703	64	471	0.24	ug/l #	55
10) Methyl Iodide	2.502	142	142	3.33	ug/l #	62
11) Tert butyl alcohol	2.989	59	4665	6.67	ug/l #	73
13) Acrolein	2.270	56	102	0.23	ug/l #	1
16) Acetone	2.422	43	10815	7.59	ug/l	97
18) Methyl Acetate	2.751	43	2863	0.90	ug/l	92
20) Methylene Chloride	2.831	84	8619	2.68	ug/l	95
25) 2-Butanone	4.641	43	2923	1.41	ug/l	94
29) Tetrahydrofuran	5.099	42	839	0.64	ug/l #	77
31) Cyclohexane	5.629	56	4443	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	17985	4.70	ug/l #	49
38) Carbon Tetrachloride	5.623	117	22625	6.21	ug/l #	17
43) Isopropyl Acetate	6.409	43	23388	3.72	ug/l	96
48) Methyl methacrylate	7.653	41	6405	2.08	ug/l #	10
49) 1,4-Dioxane	7.848	88	194	2.69	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	83235	21.40	ug/l #	47
54) cis-1,3-Dichloropropene	8.592	75	43702	9.21	ug/l #	60
57) 1,3-Dichloropropane	9.525	76	29098	5.70	ug/l #	43
59) 2-Hexanone	9.525	43	347040	117.07	ug/l #	46
76) 1,2,3-Trichloropropane	11.122	75	83360	21.67	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	83360	64.28	ug/l #	12

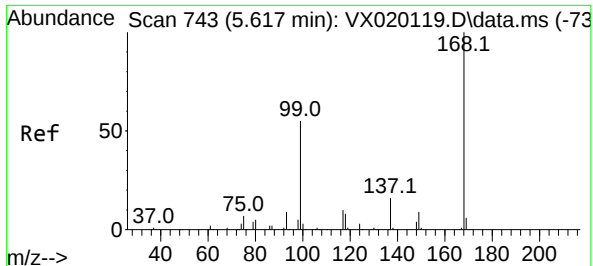
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12

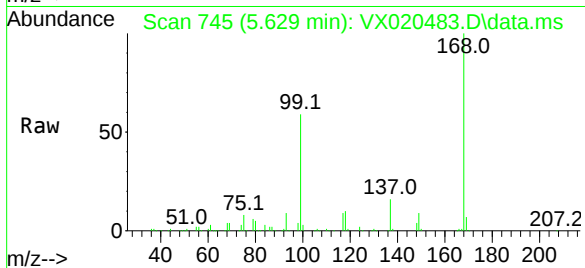
Quant Time: Jan 01 00:10:53 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



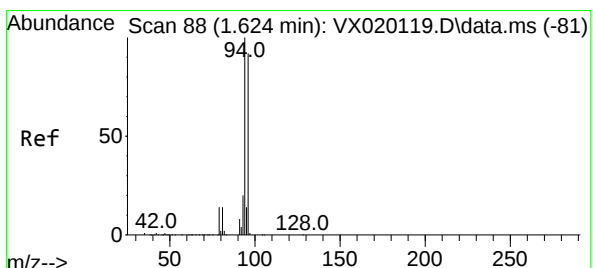
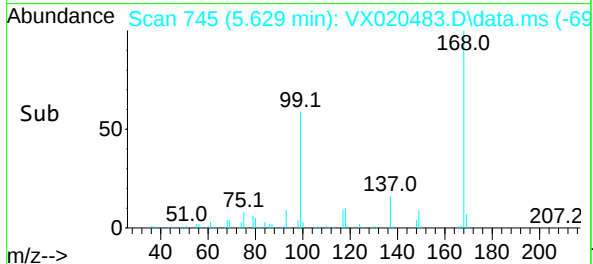
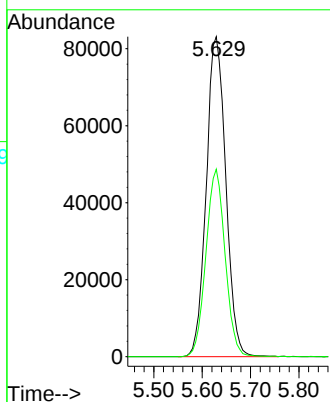


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12

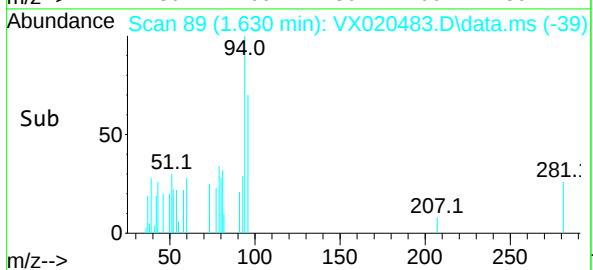
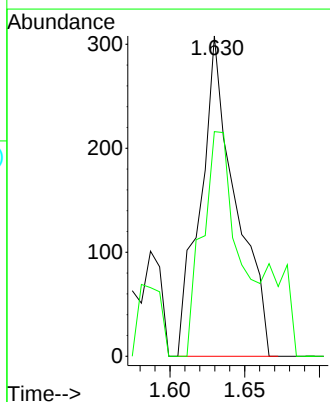
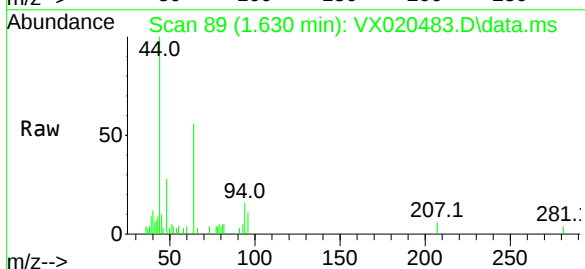


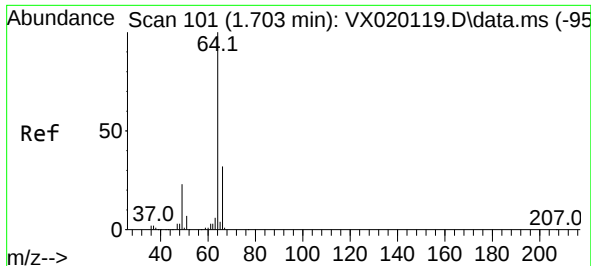
Tgt Ion:168 Resp: 233170
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

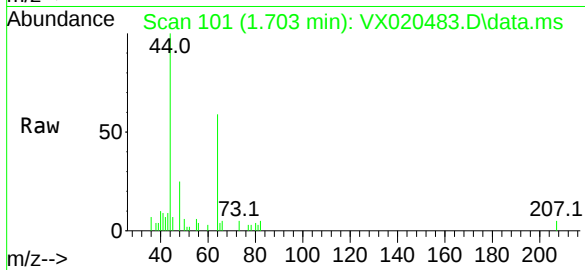
Tgt Ion: 94 Resp: 504
Ion Ratio Lower Upper
94 100
96 70.1 76.4 114.6#



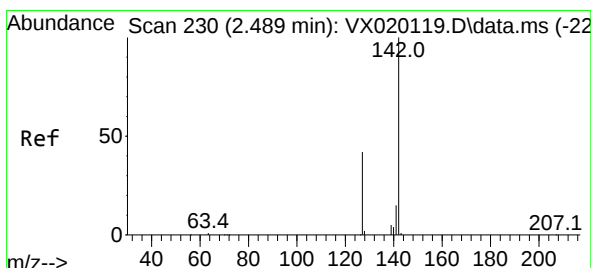
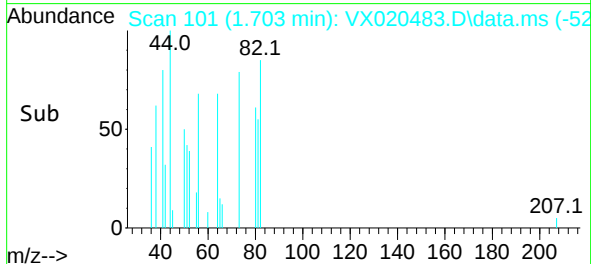
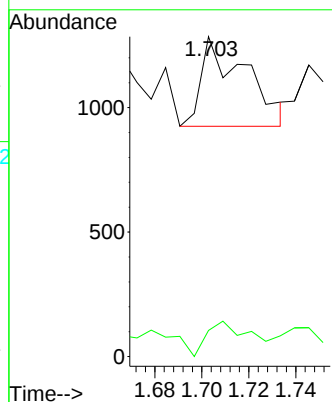


#6
Chloroethane
Concen: 0.24 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12

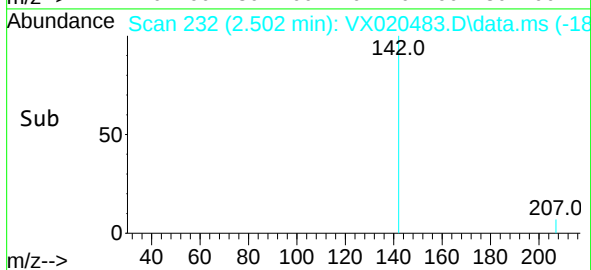
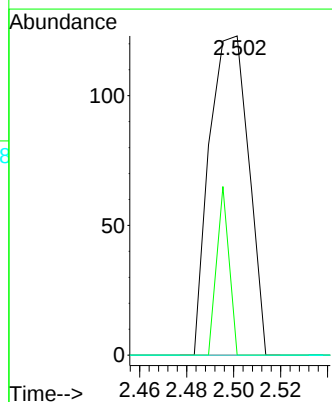
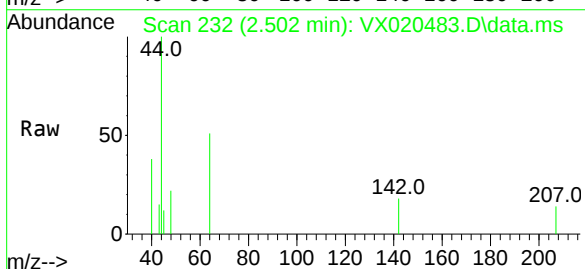


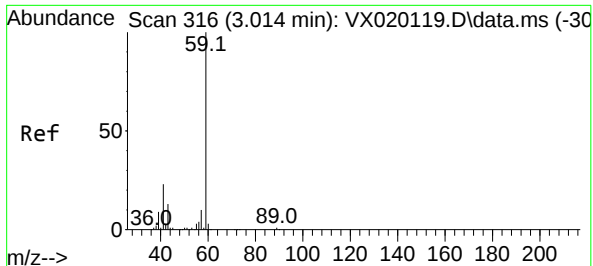
Tgt Ion: 64 Resp: 471
Ion Ratio Lower Upper
64 100
66 6.7 25.4 38.0#



#10
Methyl Iodide
Concen: 3.33 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

Tgt Ion: 142 Resp: 142
Ion Ratio Lower Upper
142 100
127 16.9 33.3 49.9#
141 0.0 11.4 17.0#



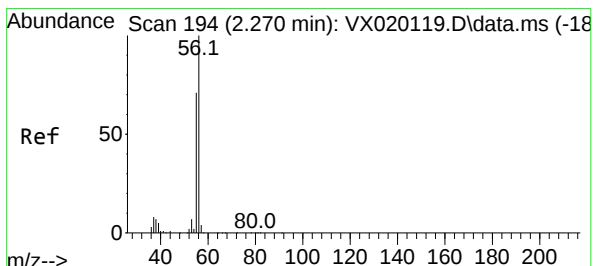
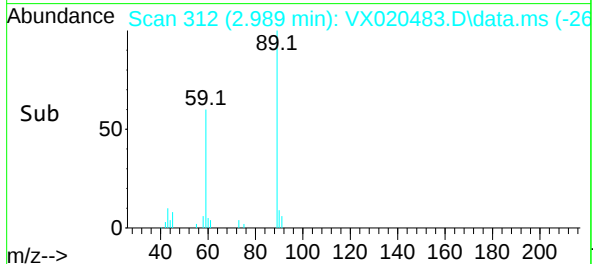
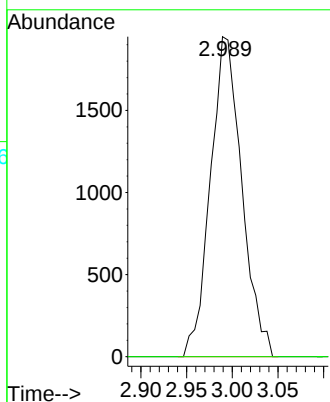
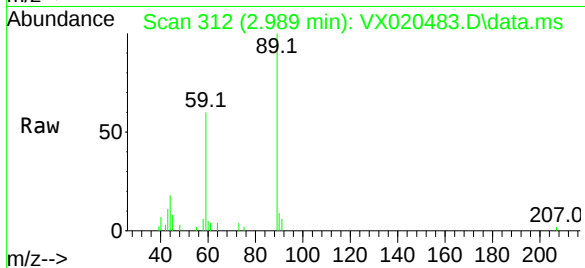


#11

Tert butyl alcohol
Concen: 6.67 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12

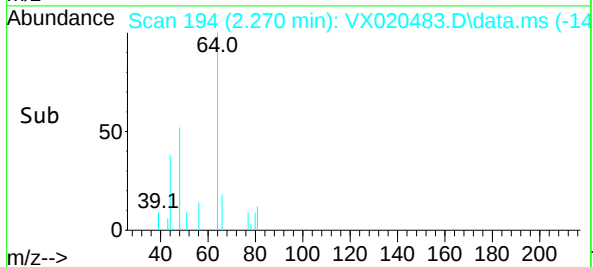
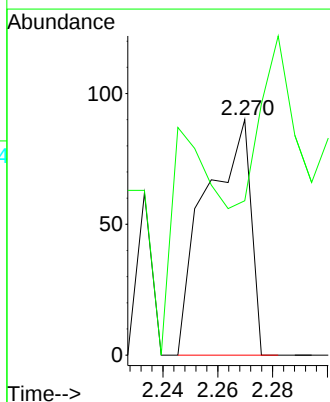
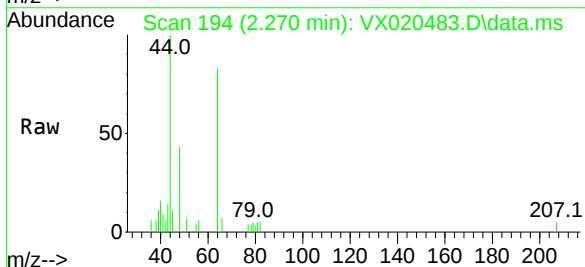
Tgt Ion: 59 Resp: 4665
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

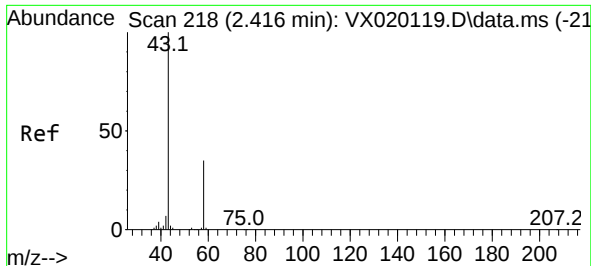


#13

Acrolein
Concen: 0.23 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

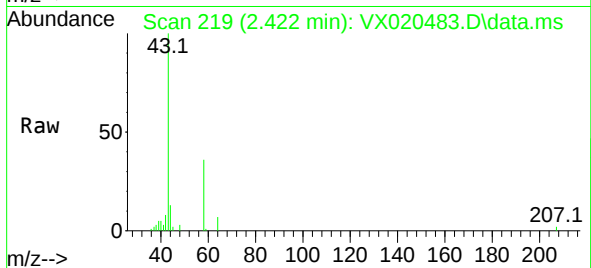
Tgt Ion: 56 Resp: 102
Ion Ratio Lower Upper
56 100
55 183.3 56.4 84.6#



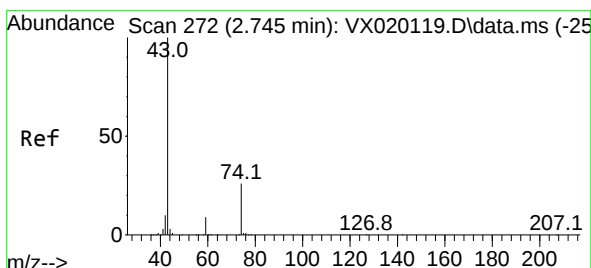
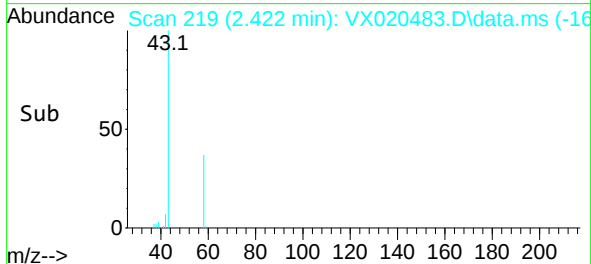
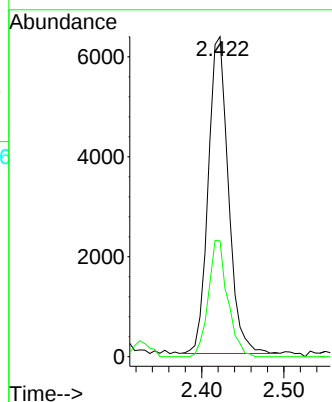


#16
Acetone
Concen: 7.59 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12

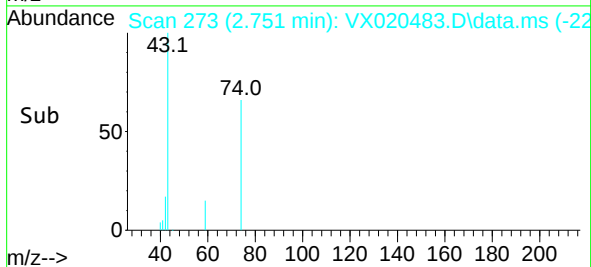
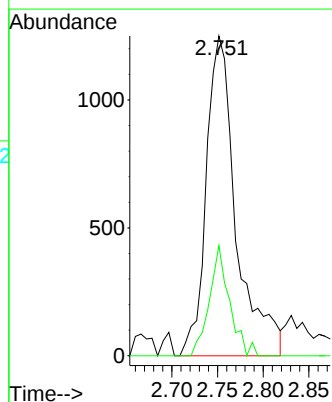
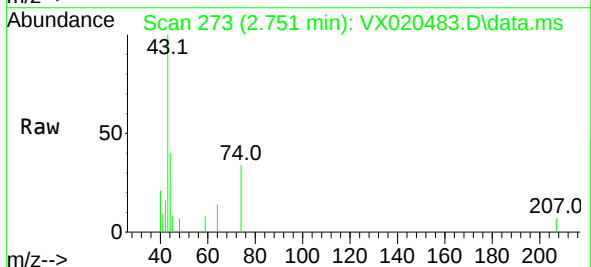


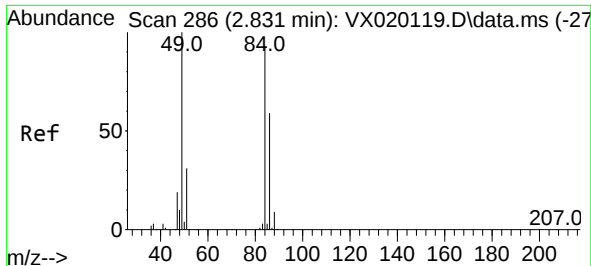
Tgt Ion: 43 Resp: 10815
Ion Ratio Lower Upper
43 100
58 36.6 27.8 41.8



#18
Methyl Acetate
Concen: 0.90 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

Tgt Ion: 43 Resp: 2863
Ion Ratio Lower Upper
43 100
74 23.1 21.9 32.9

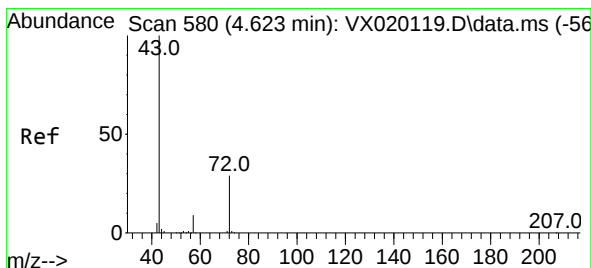
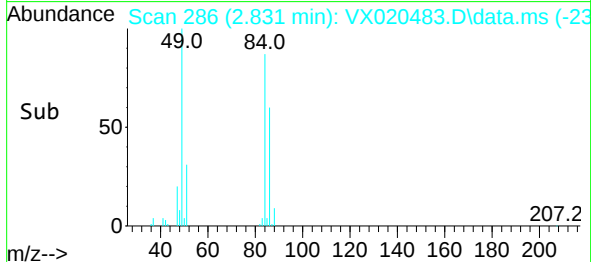
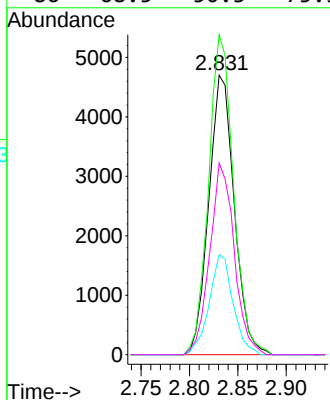
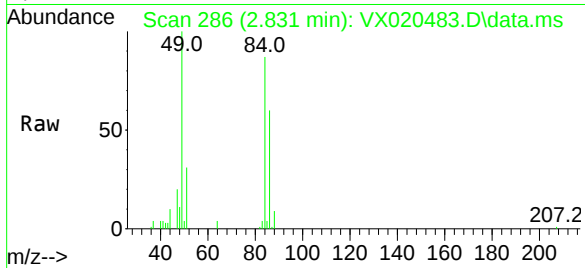




#20
Methylene Chloride
Concen: 2.68 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

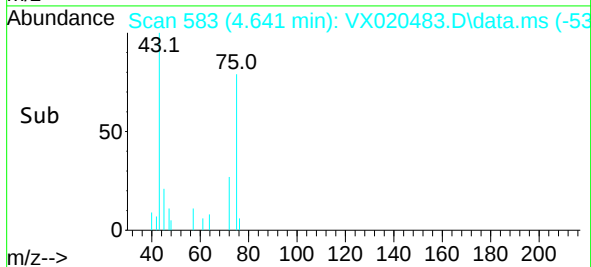
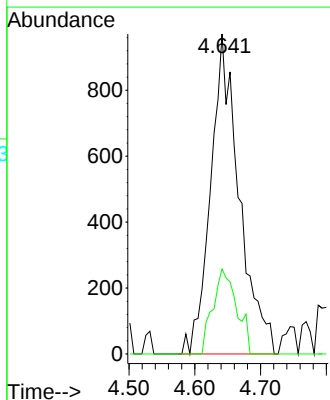
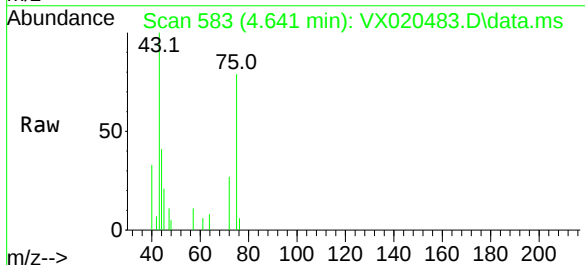
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12

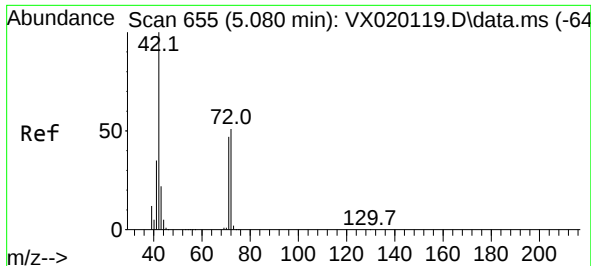
Tgt Ion:	84	Resp:	8619
Ion	Ratio	Lower	Upper
84	100		
49	114.5	88.6	132.8
51	35.8	27.0	40.6
86	68.5	50.3	75.5



#25
2-Butanone
Concen: 1.41 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

Tgt Ion:	43	Resp:	2923
Ion	Ratio	Lower	Upper
43	100		
72	26.6	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.64 ug/l

RT: 5.099 min Scan# 658

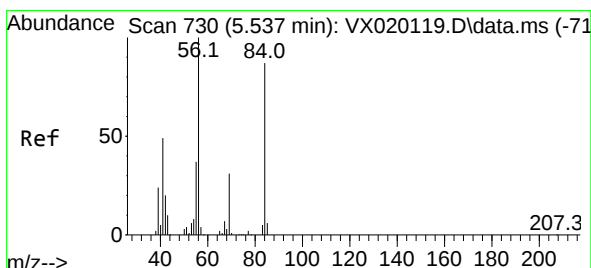
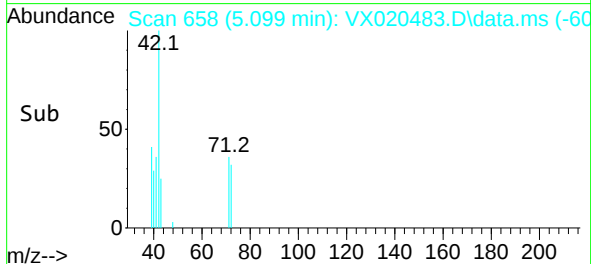
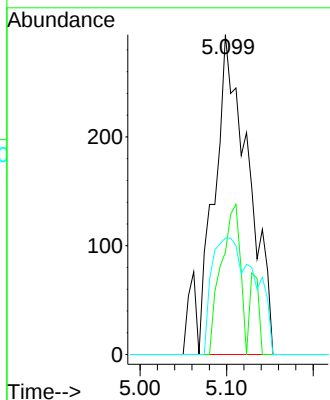
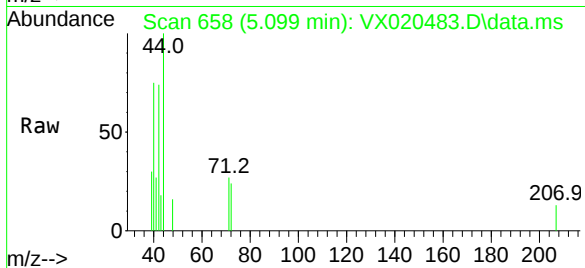
Delta R.T. 0.019 min

Lab File: VX020483.D

Acq: 31 Dec 2020 15:12

Tgt Ion:	42	Resp:	839
Ion	Ratio	Lower	Upper
42	100		
72	25.1	41.7	62.5#
71	43.6	38.4	57.6

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12



#31

Cyclohexane

Concen: 1.03 ug/l

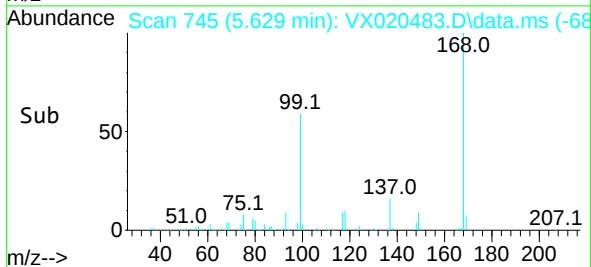
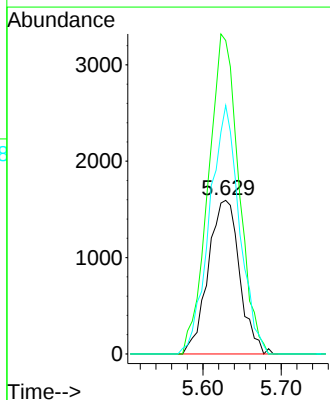
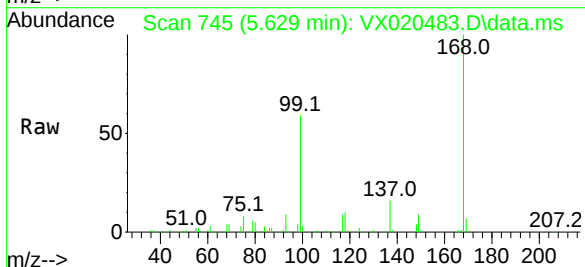
RT: 5.629 min Scan# 745

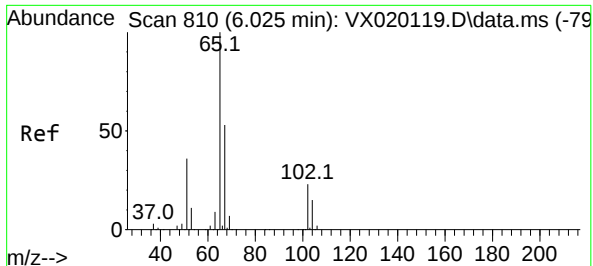
Delta R.T. 0.092 min

Lab File: VX020483.D

Acq: 31 Dec 2020 15:12

Tgt Ion:	56	Resp:	4443
Ion	Ratio	Lower	Upper
56	100		
69	204.1	25.3	37.9#
84	161.8	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.27 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020483.D

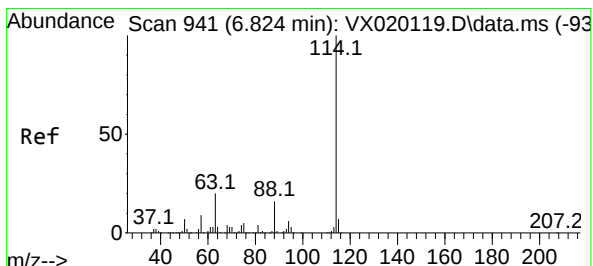
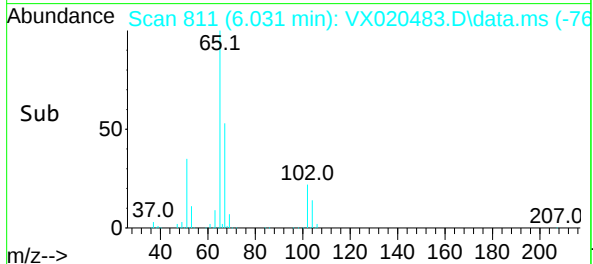
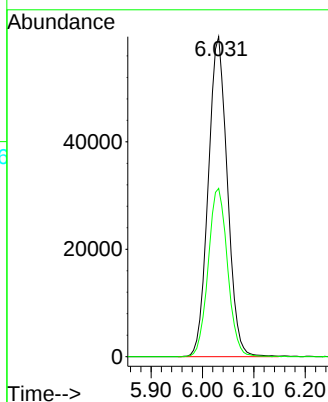
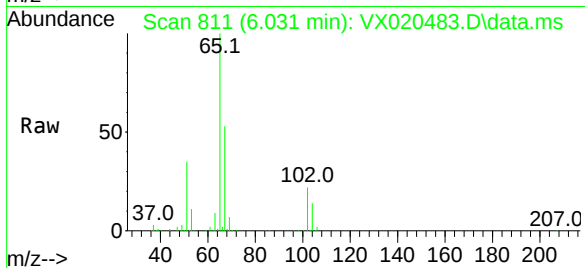
Acq: 31 Dec 2020 15:12

Tgt Ion: 65 Resp: 153989

Ion Ratio Lower Upper

65 100

67 53.3 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: VX020483.D

Acq: 31 Dec 2020 15:12

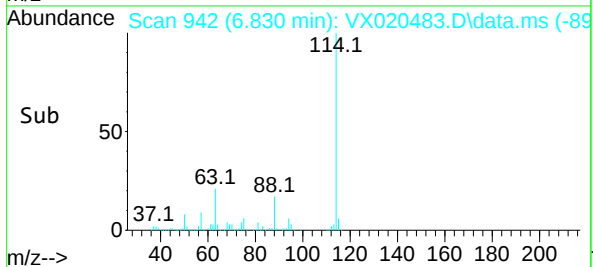
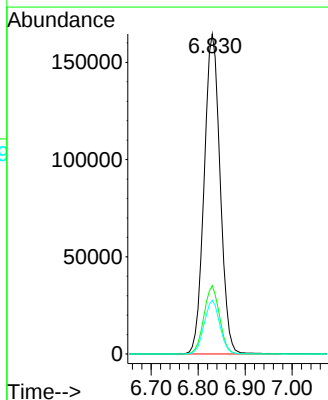
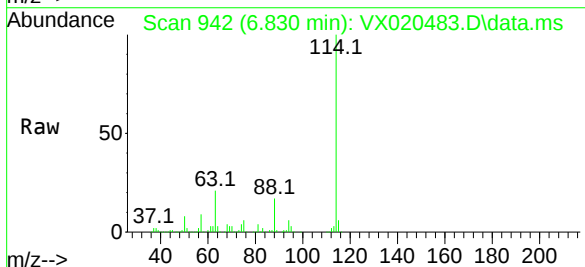
Tgt Ion: 114 Resp: 387525

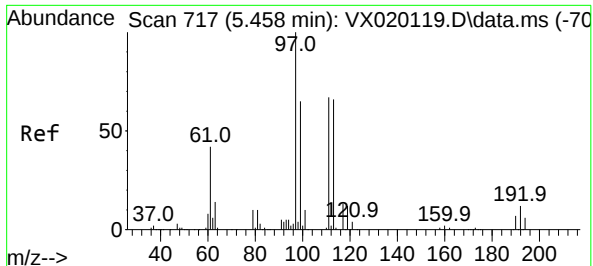
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

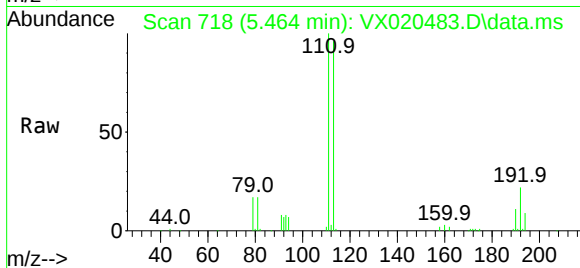
88 16.7 0.0 32.8



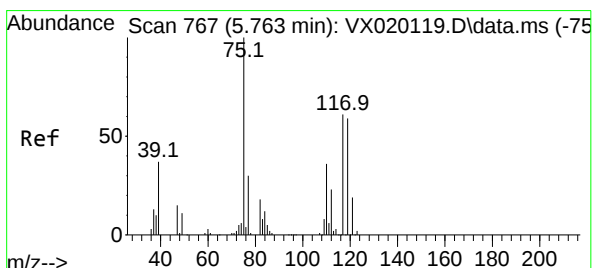
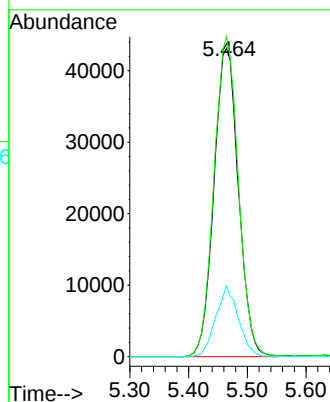
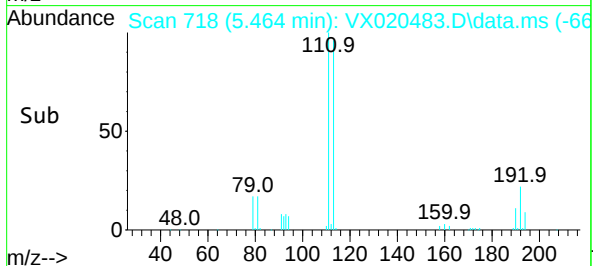


#35
Dibromofluoromethane
Concen: 50.49 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

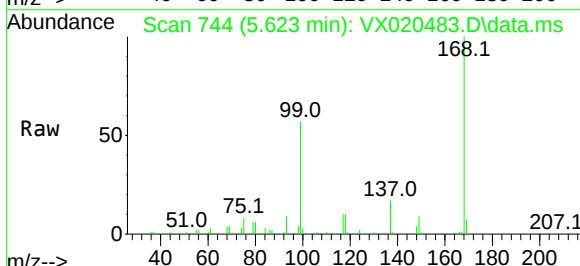
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12



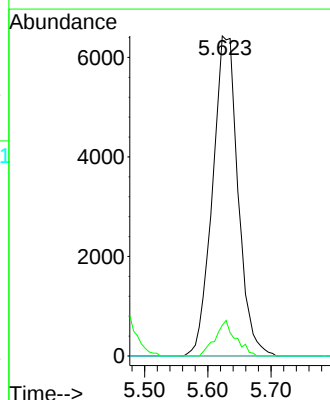
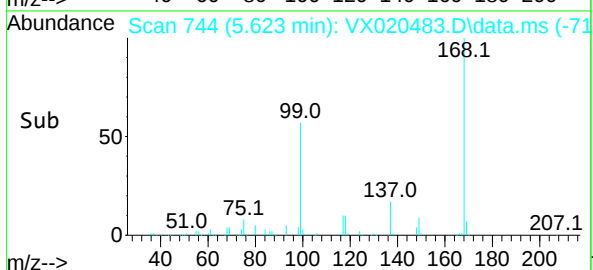
Tgt Ion:113 Resp: 125167
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 21.2 16.7 25.1

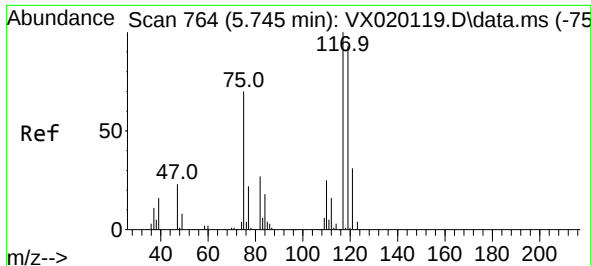


#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12



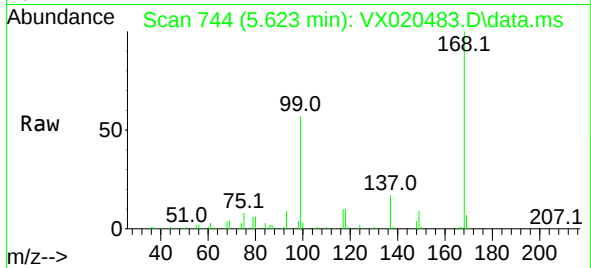
Tgt Ion: 75 Resp: 17985
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



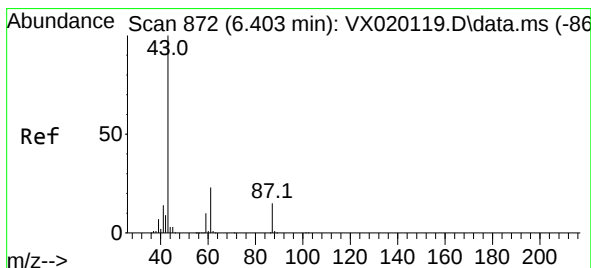
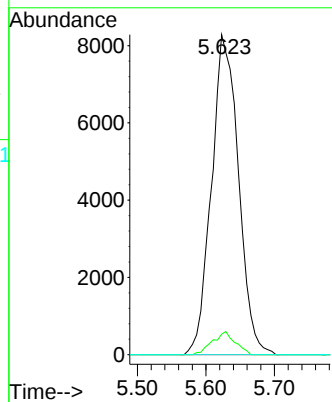
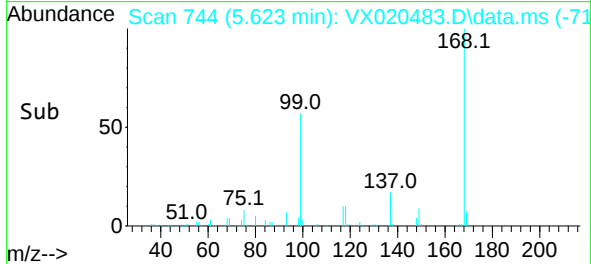


#38
Carbon Tetrachloride
Concen: 6.21 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

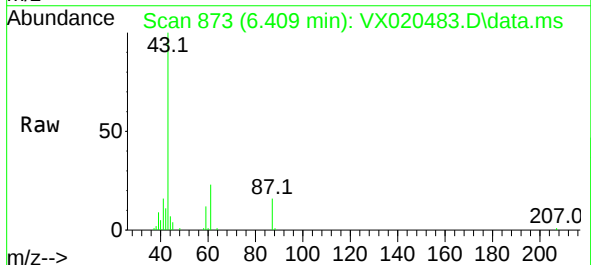
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12



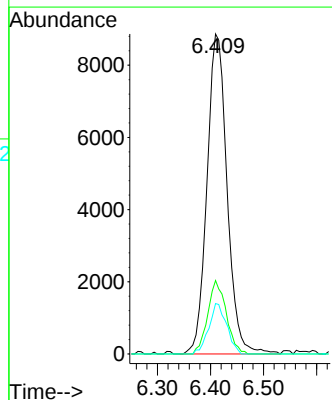
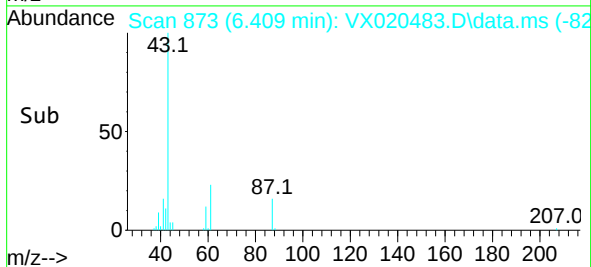
Tgt Ion:117 Resp: 22625
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#

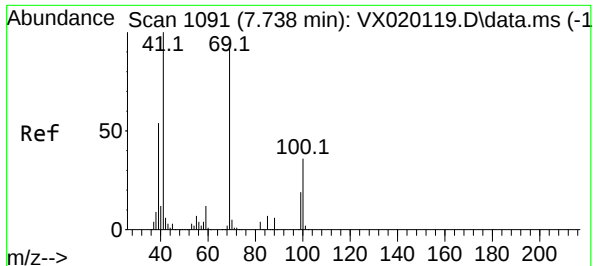


#43
Isopropyl Acetate
Concen: 3.72 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12



Tgt Ion: 43 Resp: 23388
Ion Ratio Lower Upper
43 100
61 21.1 18.2 27.4
87 14.0 12.5 18.7

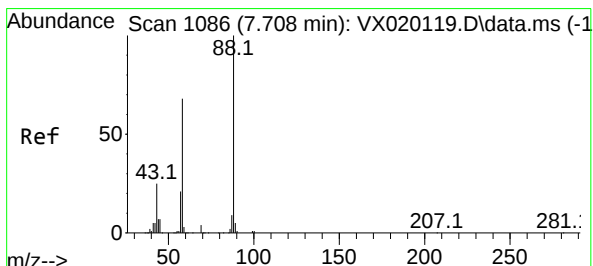
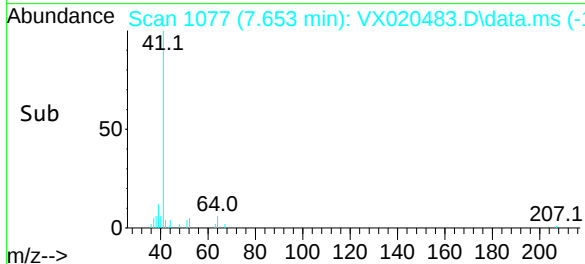
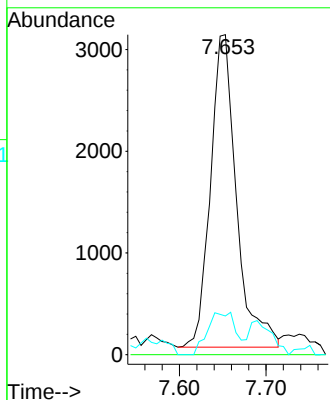
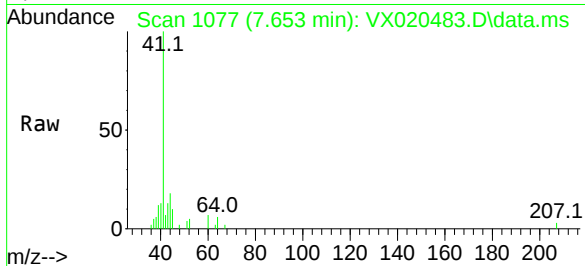




#48
Methyl methacrylate
Concen: 2.08 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.085 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

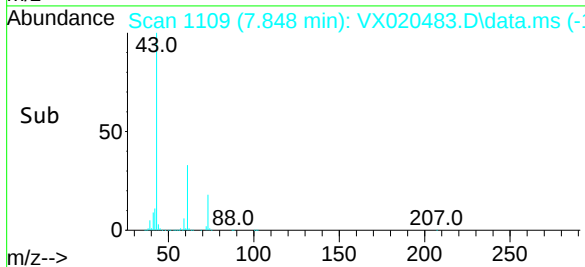
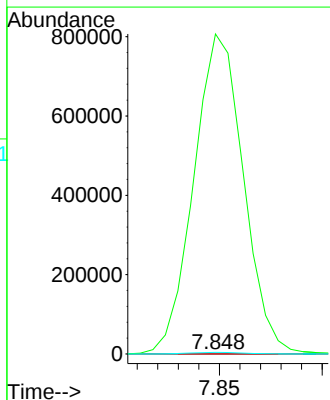
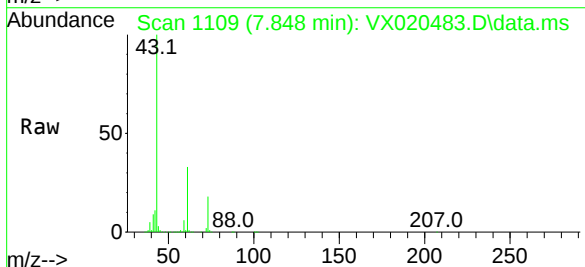
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12

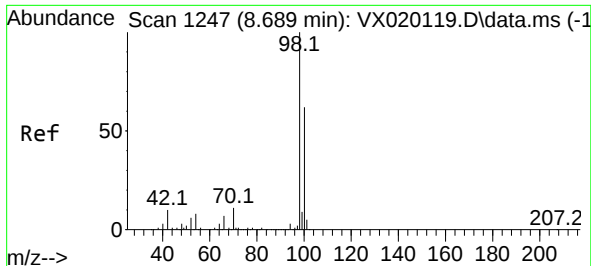
Tgt Ion: 41 Resp: 6405
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 2.69 ug/l
RT: 7.848 min Scan# 1109
Delta R.T. 0.140 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

Tgt Ion: 88 Resp: 194
Ion Ratio Lower Upper
88 100
43 702405.7 23.2 34.8#
58 3825.3 55.0 82.4#

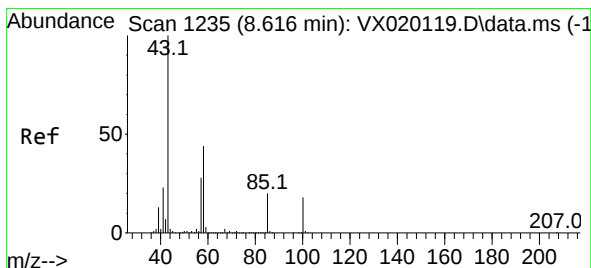
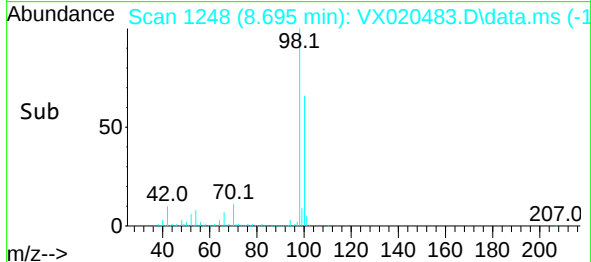
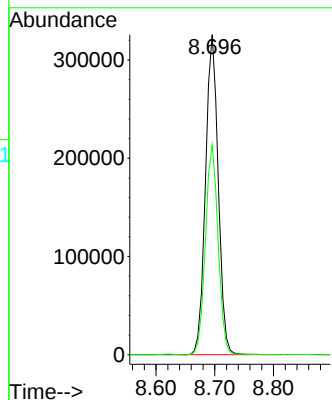
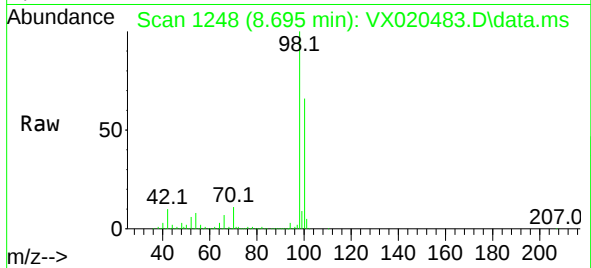




#50
Toluene-d8
Concen: 51.40 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

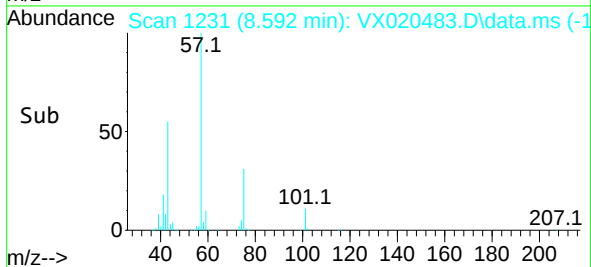
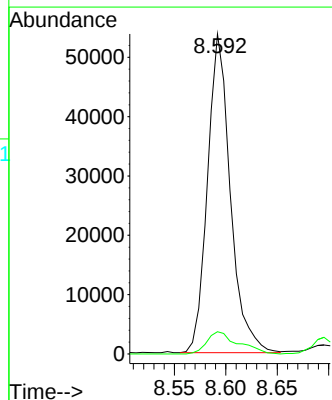
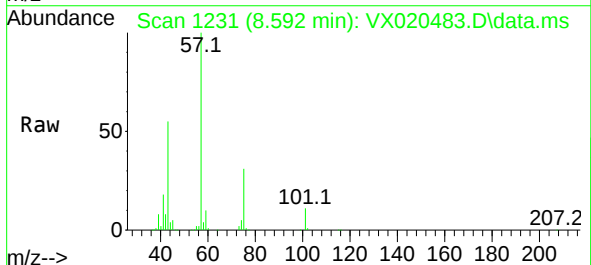
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12

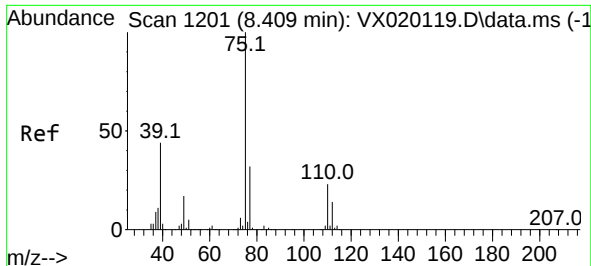
Tgt Ion: 98 Resp: 490437
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 21.40 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

Tgt Ion: 43 Resp: 83235
Ion Ratio Lower Upper
43 100
58 9.6 35.4 53.0#

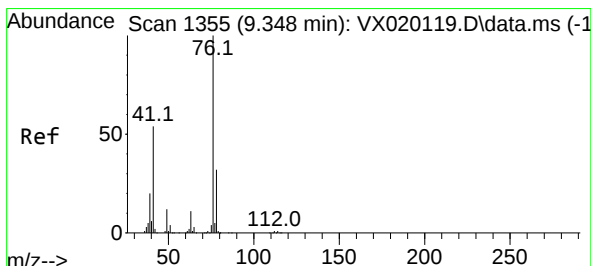
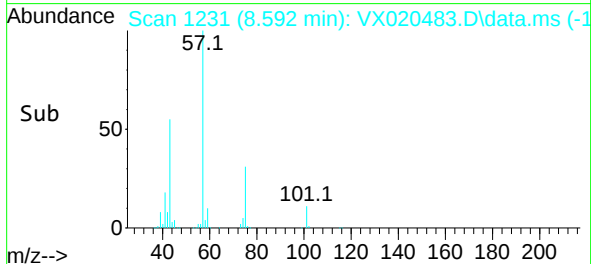
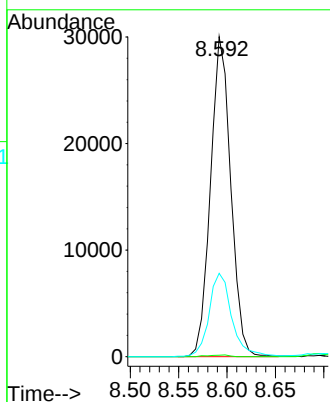
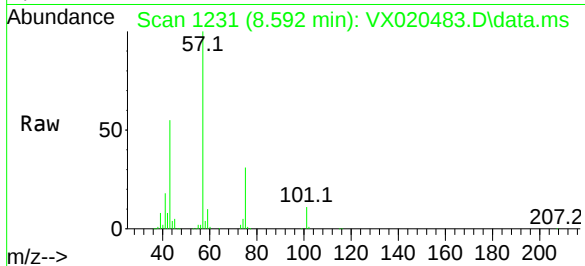




#54
cis-1,3-Dichloropropene
Concen: 9.21 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

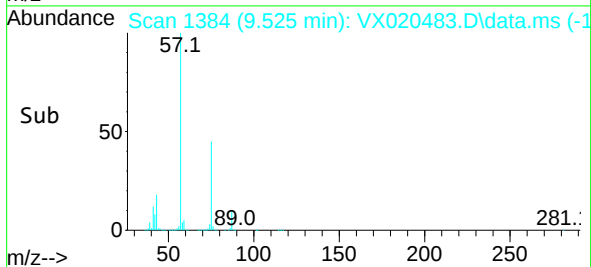
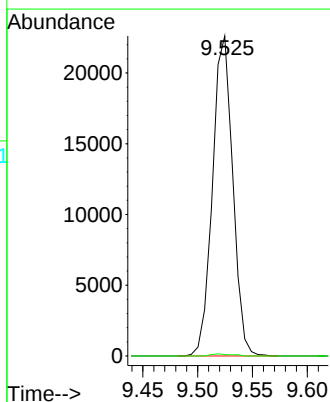
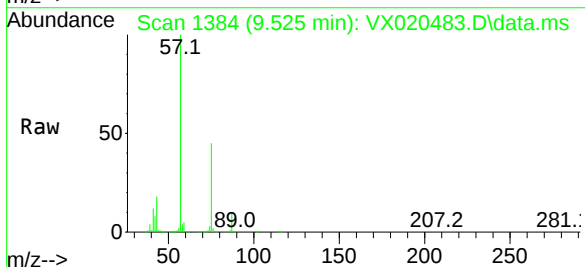
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12

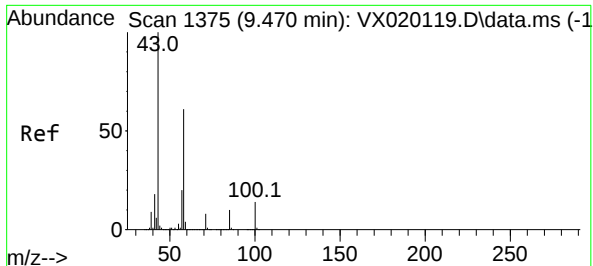
Tgt Ion: 75 Resp: 43702
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 25.9 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 5.70 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

Tgt Ion: 76 Resp: 29098
Ion Ratio Lower Upper
76 100
78 0.7 26.2 39.2#

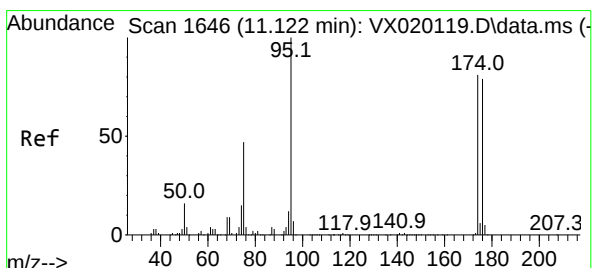
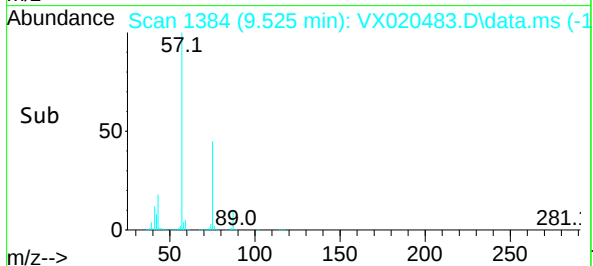
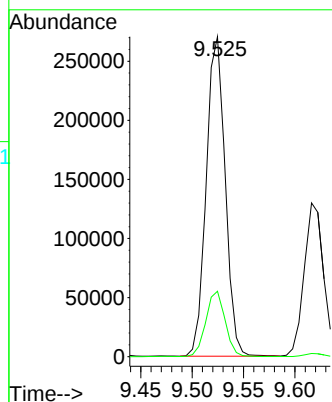
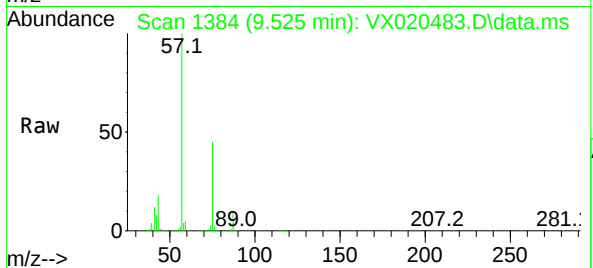




#59
2-Hexanone
Concen: 117.07 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

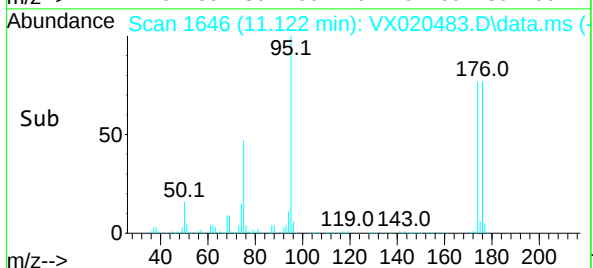
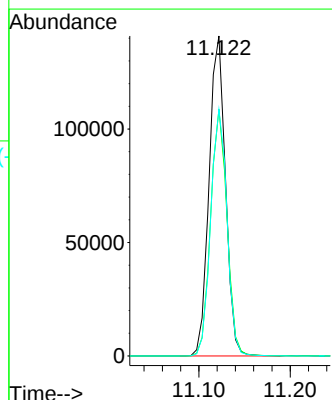
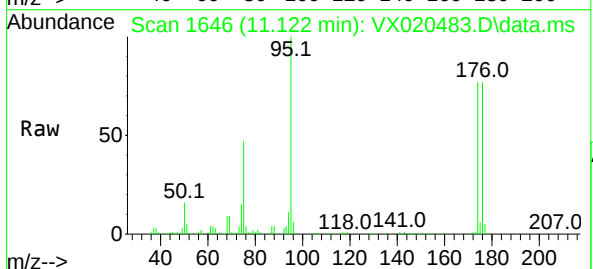
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12

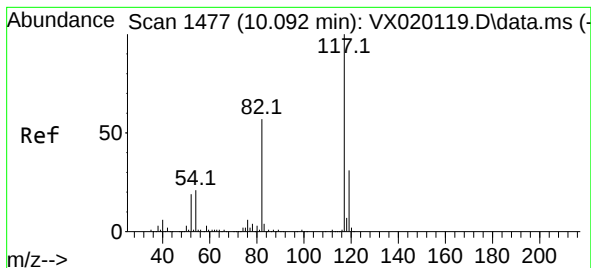
Tgt Ion: 43 Resp: 347040
Ion Ratio Lower Upper
43 100
58 20.7 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.92 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

Tgt Ion: 95 Resp: 175003
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 76.8 0.0 155.8

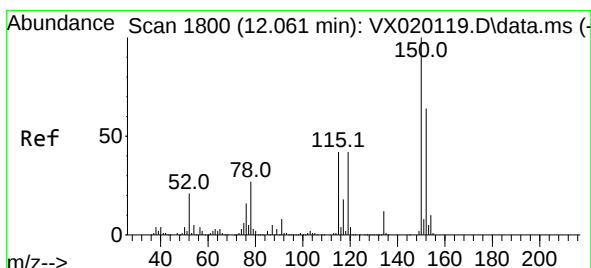
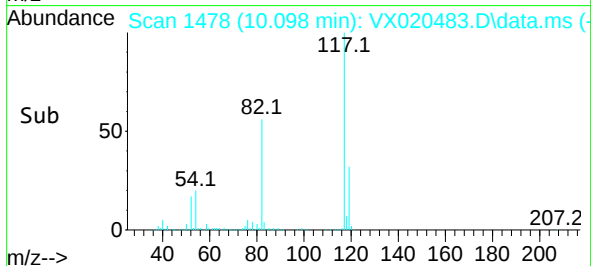
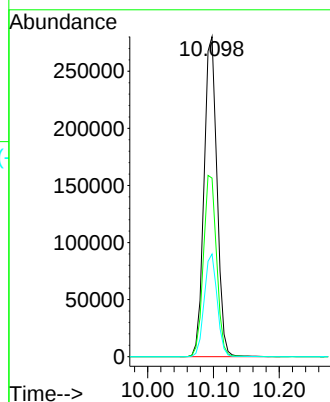
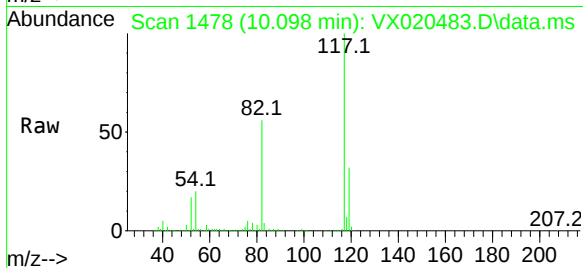




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

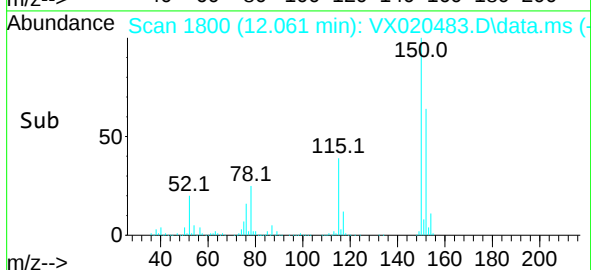
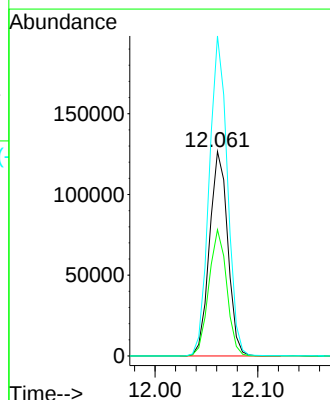
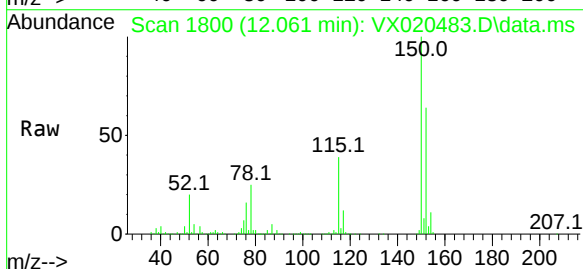
Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12

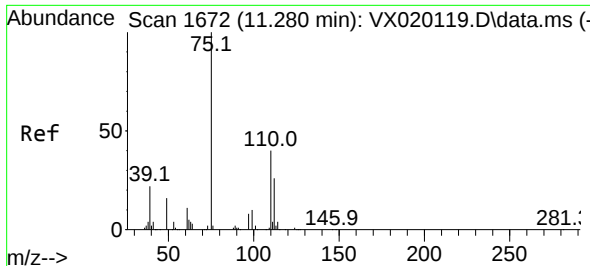
Tgt Ion:117 Resp: 383625
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

Tgt Ion:152 Resp: 156184
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 156.3 0.0 349.0

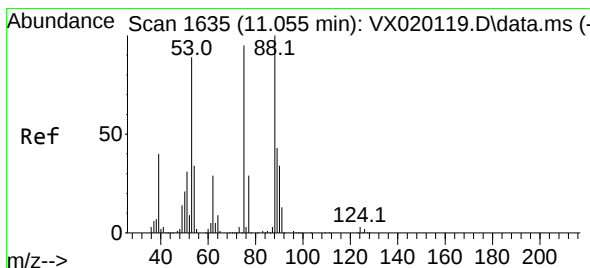
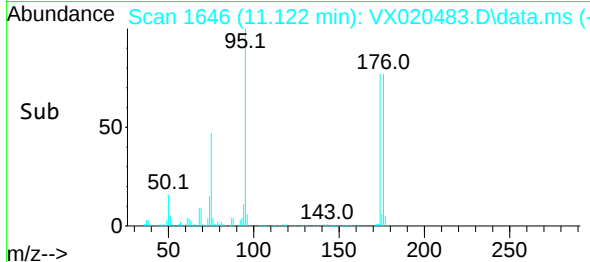
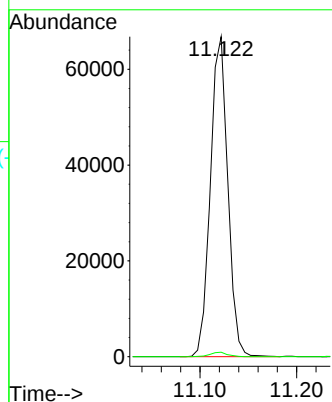
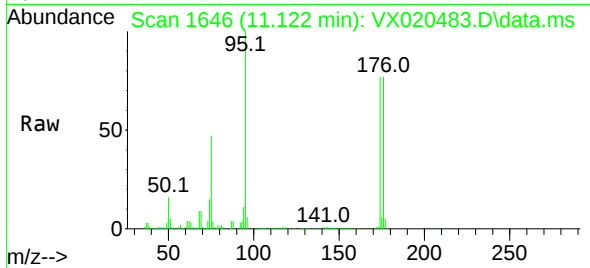




#76
1,2,3-Trichloropropane
Concen: 21.67 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

Instrument :
MSVOA_X
ClientSampleId :
PB133875ZHE#12

Tgt Ion: 75 Resp: 83360
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.28 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020483.D
Acq: 31 Dec 2020 15:12

Tgt Ion: 75 Resp: 83360
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

