

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021768.D
 Acq On : 20 Apr 2021 21:02
 Operator : JC/MD
 Sample : PB135856ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135856ZHE#02

Quant Time: Apr 21 11:25:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

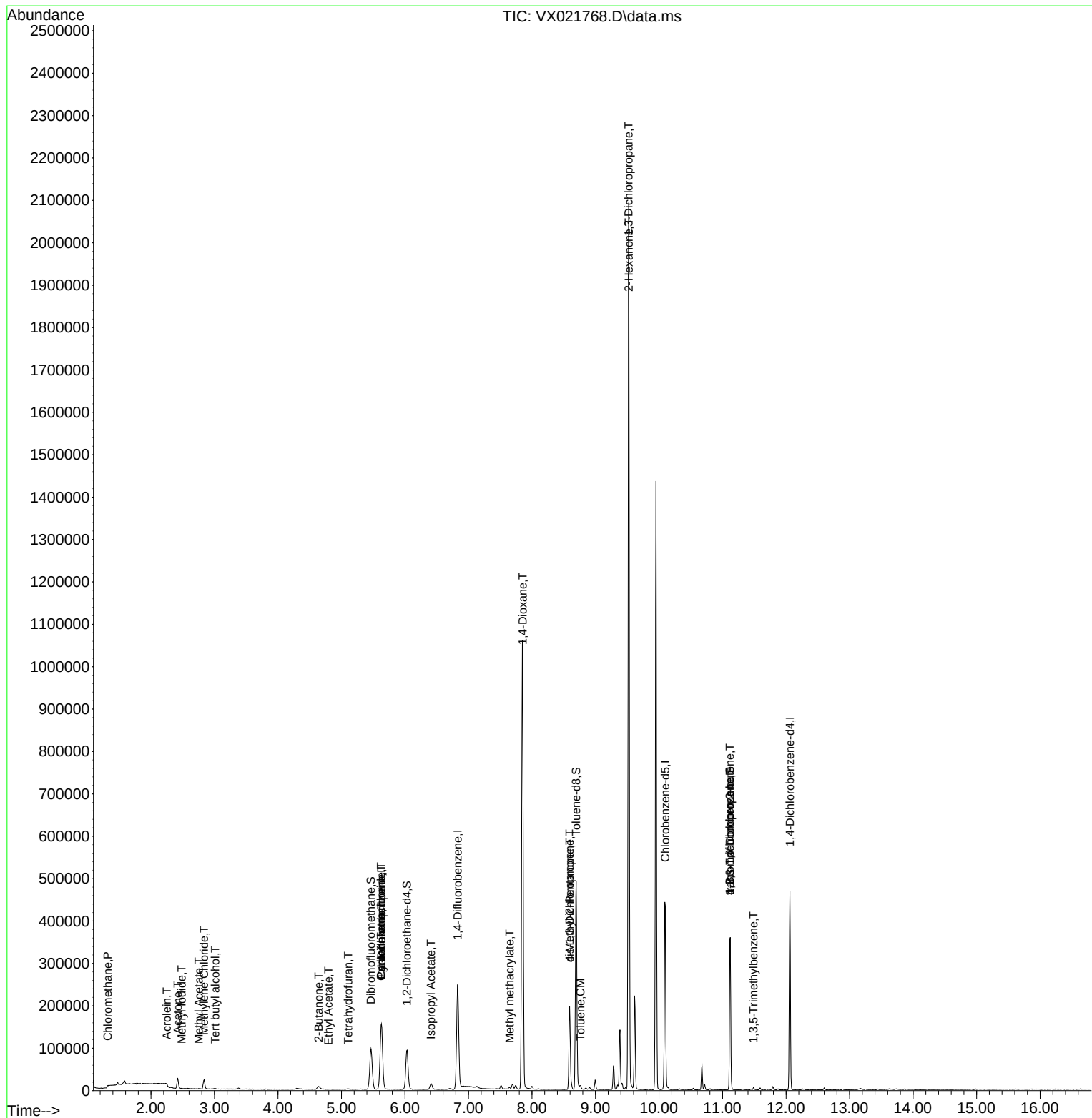
Internal Standards						
1) Pentafluorobenzene	5.629	168	155627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	259888	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	224242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	99100	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	88334	50.03	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.06%			
35) Dibromofluoromethane	5.464	113	83525	50.26	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.52%			
50) Toluene-d8	8.695	98	307160	48.07	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.14%			
62) 4-Bromofluorobenzene	11.116	95	104366	43.73	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.46%			
Target Compounds						Qvalue
3) Chloromethane	1.319	50	3755	2.20	ug/l	93
10) Methyl Iodide	2.483	142	253	8.33	ug/l #	42
11) Tert butyl alcohol	3.014	59	1620	4.19	ug/l #	79
13) Acrolein	2.252	56	331	1.06	ug/l #	14
16) Acetone	2.422	43	25104	41.36	ug/l	96
18) Methyl Acetate	2.751	43	991	0.60	ug/l	92
20) Methylene Chloride	2.837	84	10583	5.82	ug/l	92
25) 2-Butanone	4.641	43	10500	10.22	ug/l	99
29) Tetrahydrofuran	5.105	42	1446	2.16	ug/l #	63
31) Cyclohexane	5.629	56	3057	1.23	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	10148	4.42	ug/l #	50
37) Ethyl Acetate	4.794	43	445	0.21	ug/l #	64
38) Carbon Tetrachloride	5.623	117	14661	5.84	ug/l #	16
43) Isopropyl Acetate	6.409	43	17950	4.75	ug/l	99
48) Methyl methacrylate	7.647	41	4894	2.66	ug/l #	11
49) 1,4-Dioxane	7.854	88	145	3.35	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	65020	30.07	ug/l #	49
52) Toluene	8.763	92	1920	0.43	ug/l	87
54) cis-1,3-Dichloropropene	8.592	75	33993	11.16	ug/l #	56
57) 1,3-Dichloropropane	9.518	76	18971	6.48	ug/l #	44
59) 2-Hexanone	9.525	43	224242	138.36	ug/l #	47
76) 1,2,3-Trichloropropane	11.116	75	48306	24.58	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.488	105	2399	0.41	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.116	75	48306	56.52	ug/l #	12

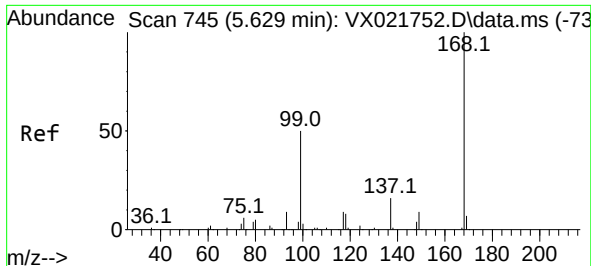
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Apr 21 11:25:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

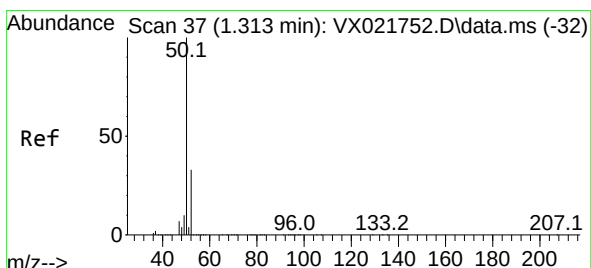
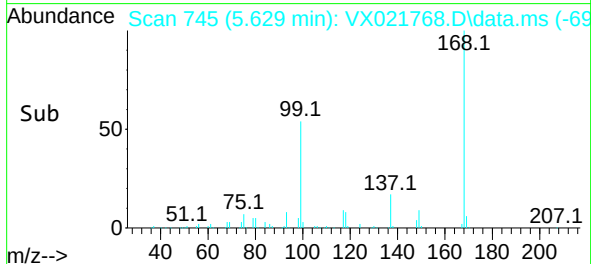
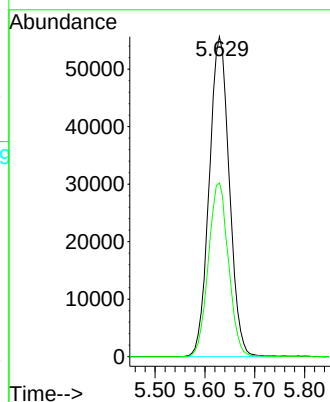
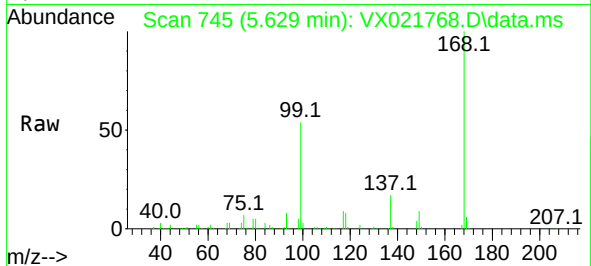




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

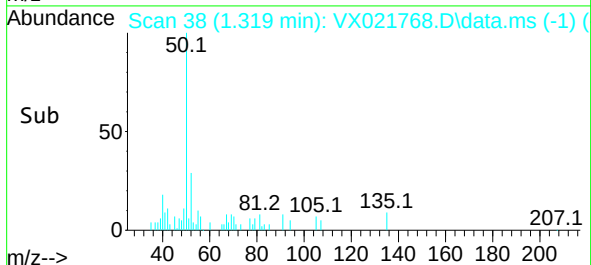
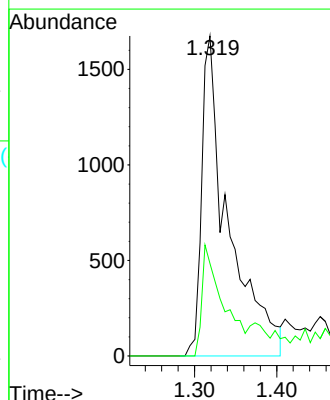
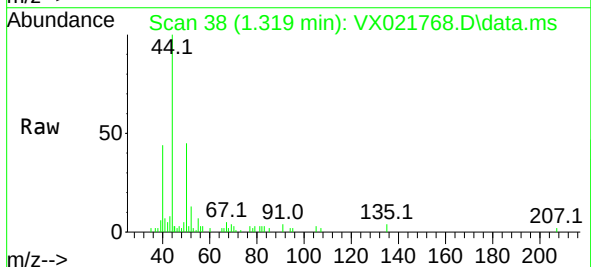
Instrument :
MSVOA_X
ClientSampleId :
PB135856ZHE#02

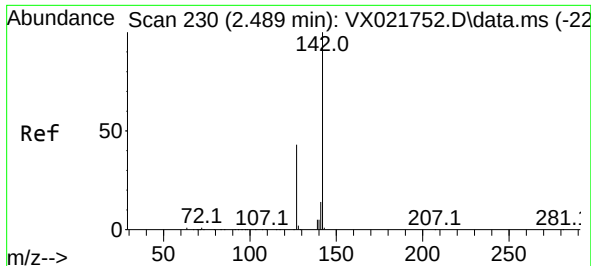
Tgt Ion:168 Resp: 155627
Ion Ratio Lower Upper
168 100
99 54.3 45.8 68.6



#3
Chloromethane
Concen: 2.20 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

Tgt Ion: 50 Resp: 3755
Ion Ratio Lower Upper
50 100
52 28.9 26.4 39.6





#10

Methyl Iodide

Concen: 8.33 ug/l

RT: 2.483 min Scan# 229

Delta R.T. -0.006 min

Lab File: VX021768.D

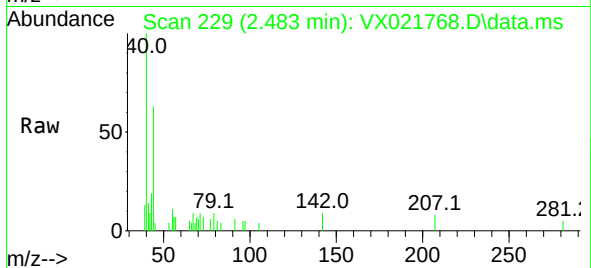
Acq: 20 Apr 2021 21:02

Instrument :

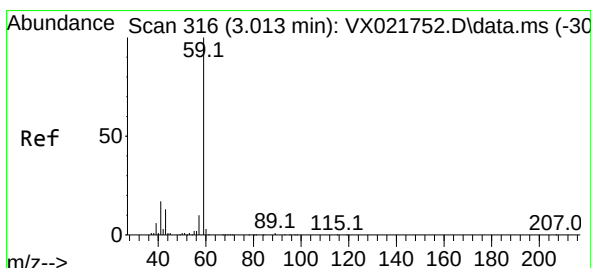
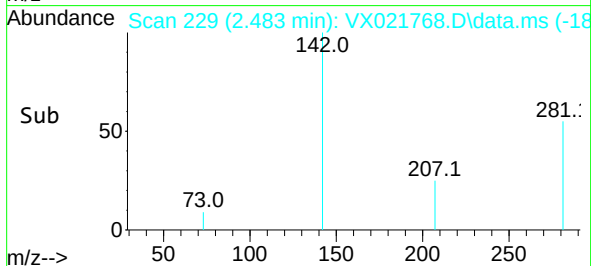
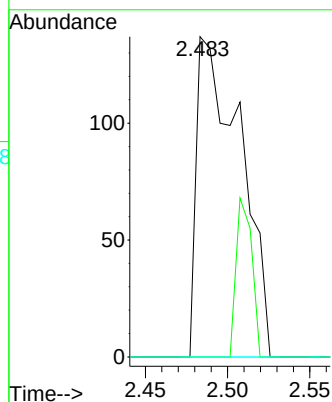
MSVOA_X

ClientSampleId :

PB135856ZHE#02



Tgt Ion:	142	Resp:	253
Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.3	49.9#
141	0.0	11.4	17.0#



#11

Tert butyl alcohol

Concen: 4.19 ug/l

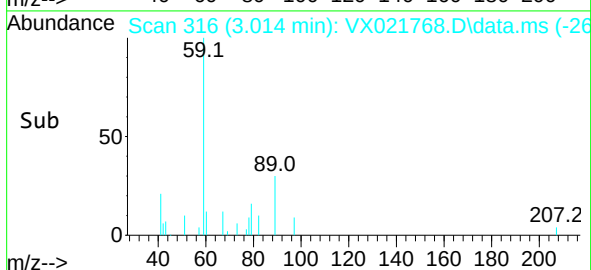
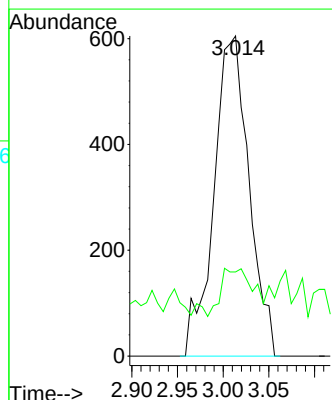
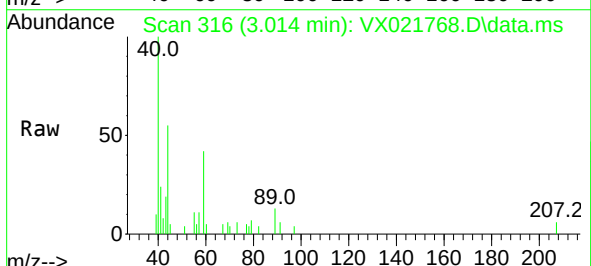
RT: 3.014 min Scan# 316

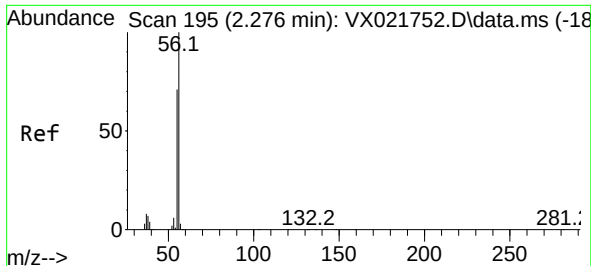
Delta R.T. 0.001 min

Lab File: VX021768.D

Acq: 20 Apr 2021 21:02

Tgt Ion:	59	Resp:	1620
Ion	Ratio	Lower	Upper
59	100		
57	17.5	7.8	11.8#

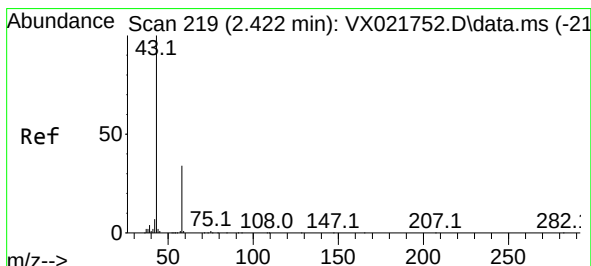
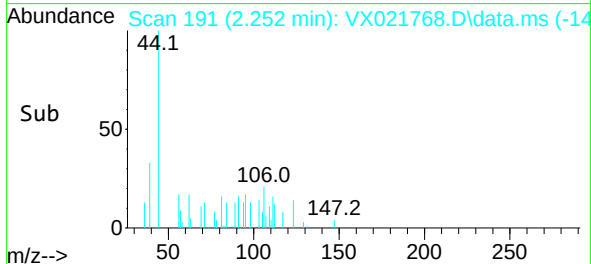
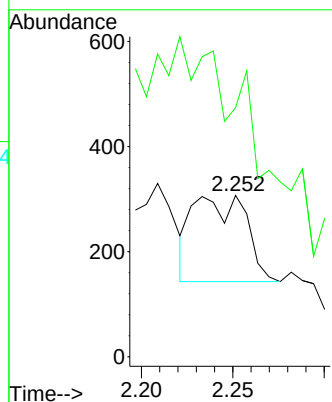
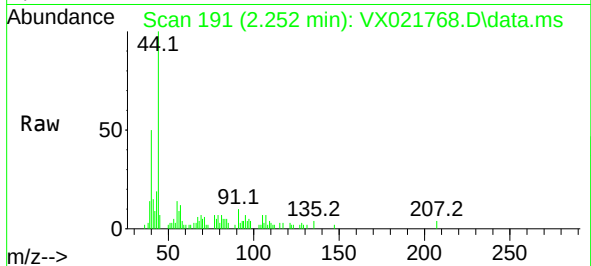




#13
Acrolein
Concen: 1.06 ug/l
RT: 2.252 min Scan# 191
Delta R.T. -0.024 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

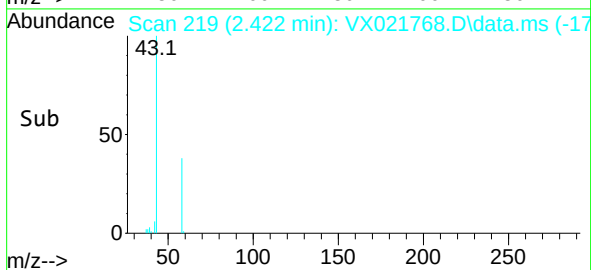
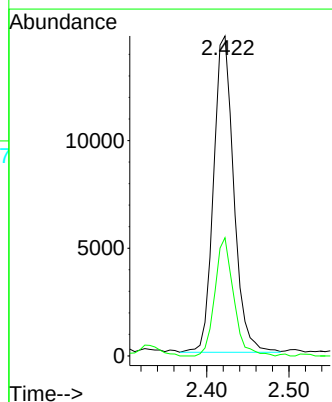
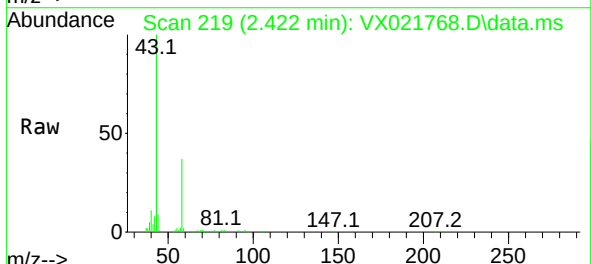
Instrument :
MSVOA_X
ClientSampleId :
PB135856ZHE#02

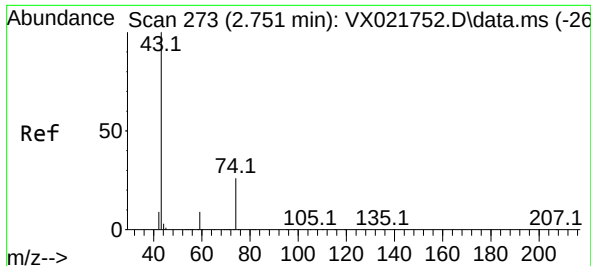
Tgt Ion: 56 Resp: 331
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 41.36 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

Tgt Ion: 43 Resp: 25104
Ion Ratio Lower Upper
43 100
58 37.4 27.8 41.8

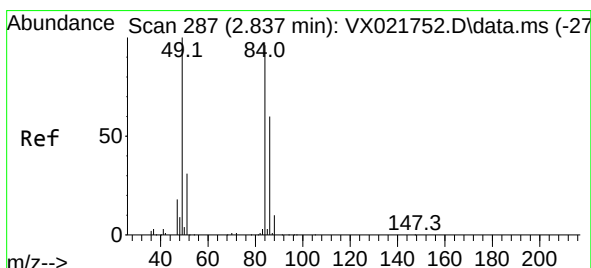
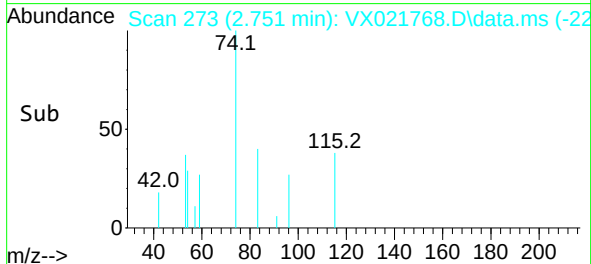
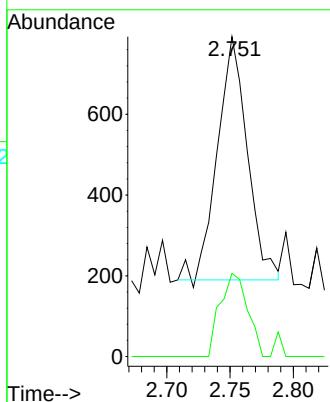
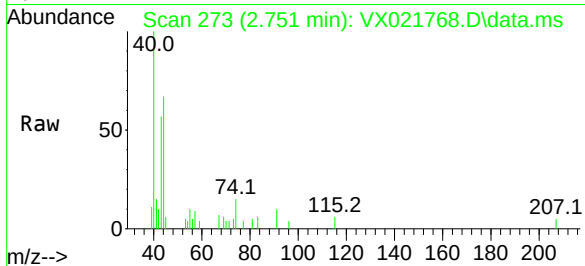




#18
Methyl Acetate
Concen: 0.60 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.000 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

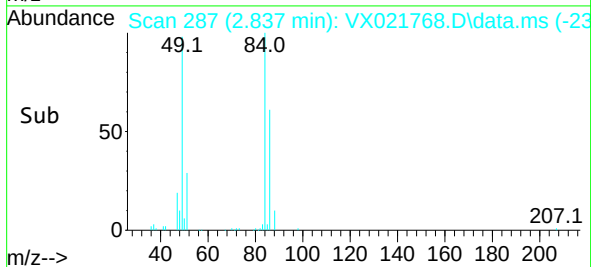
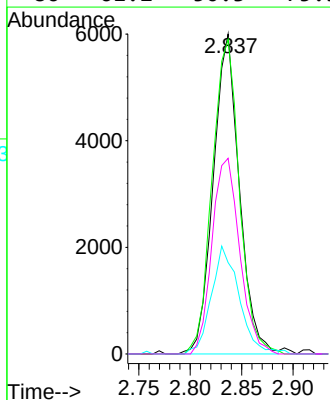
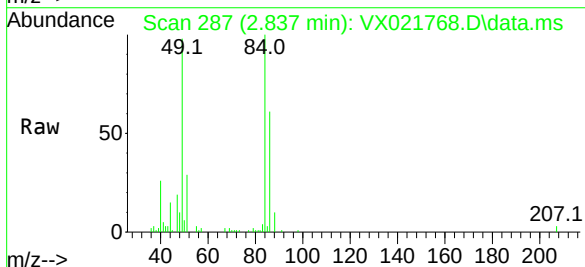
Instrument :
MSVOA_X
ClientSampleId :
PB135856ZHE#02

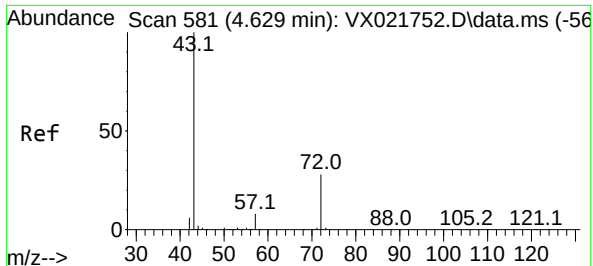
Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
74 31.4 21.9 32.9



#20
Methylene Chloride
Concen: 5.82 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

Tgt Ion: 84 Resp: 10583
Ion Ratio Lower Upper
84 100
49 98.3 88.6 132.8
51 28.6 27.0 40.6
86 61.2 50.3 75.5

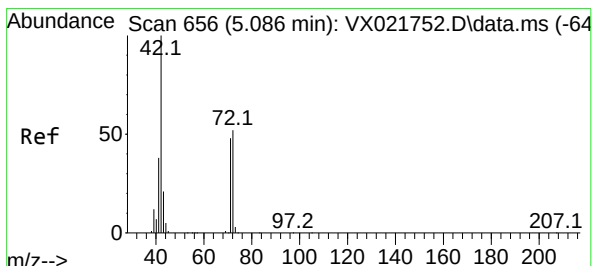
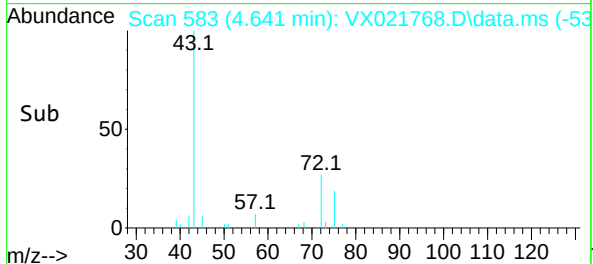
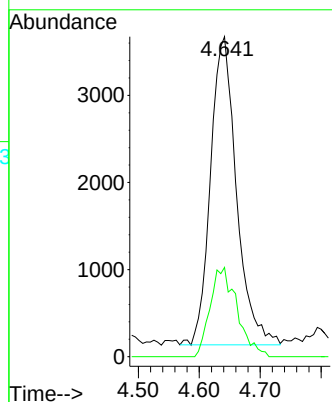
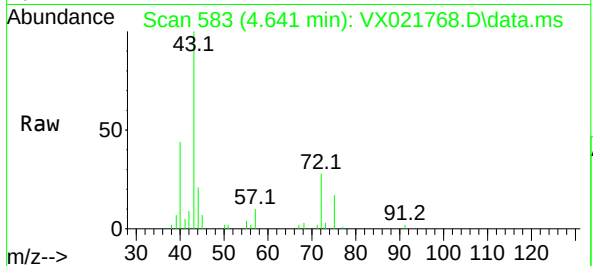




#25
2-Butanone
Concen: 10.22 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.012 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

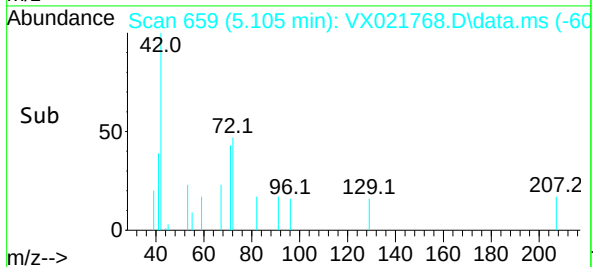
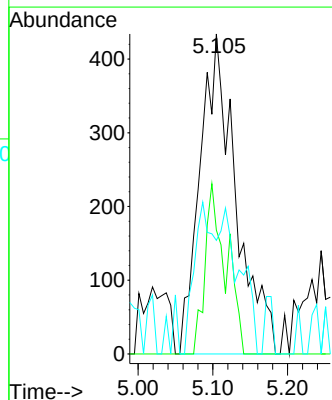
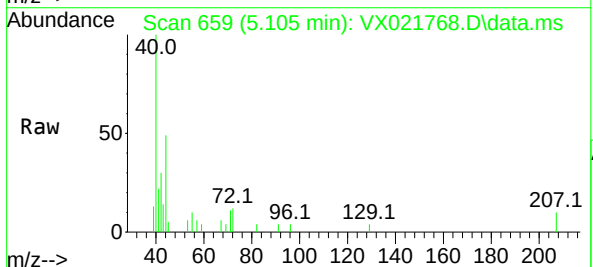
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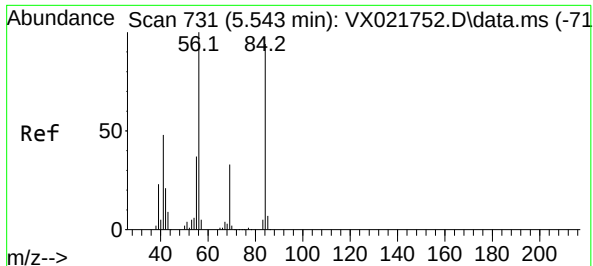
Tgt Ion: 43 Resp: 10500
Ion Ratio Lower Upper
43 100
72 29.0 23.7 35.5



#29
Tetrahydrofuran
Concen: 2.16 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.019 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

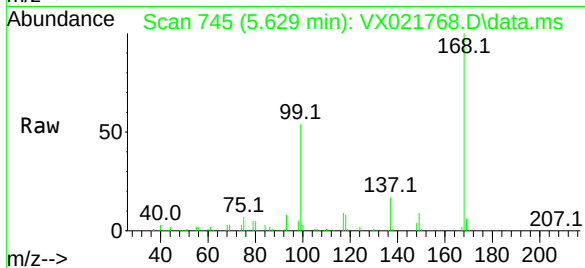
Tgt Ion: 42 Resp: 1446
Ion Ratio Lower Upper
42 100
72 23.2 41.7 62.5#
71 26.5 38.4 57.6#



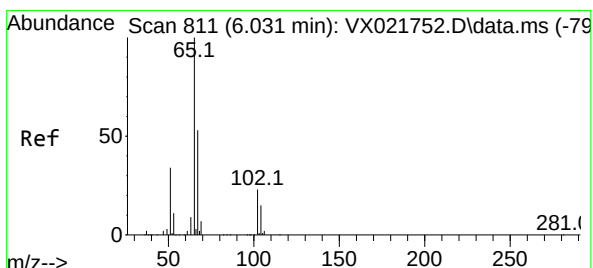
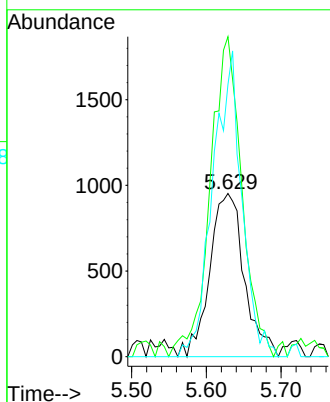
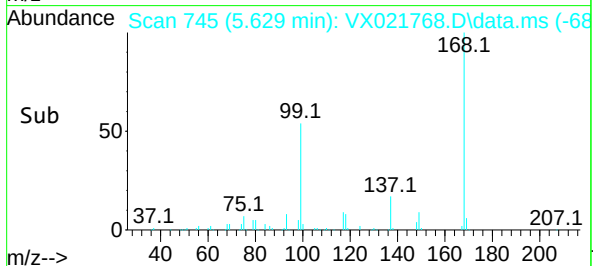


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.086 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

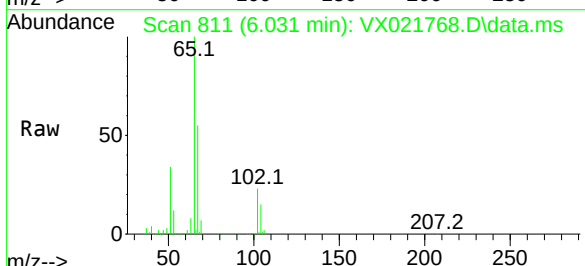
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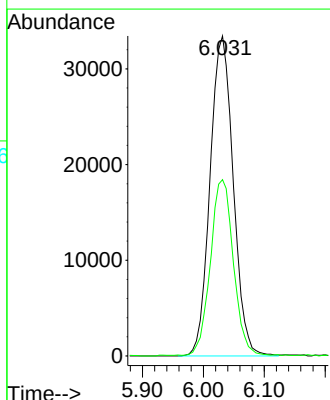
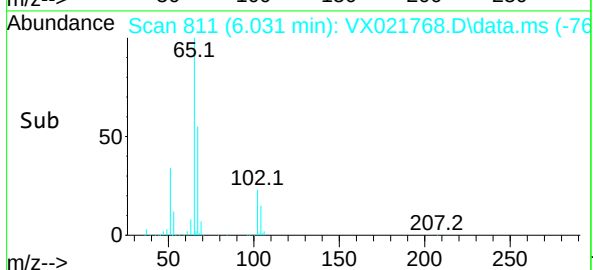
Tgt Ion: 56 Resp: 3057
Ion Ratio Lower Upper
56 100
69 189.5 25.3 37.9#
84 166.7 71.4 107.0#

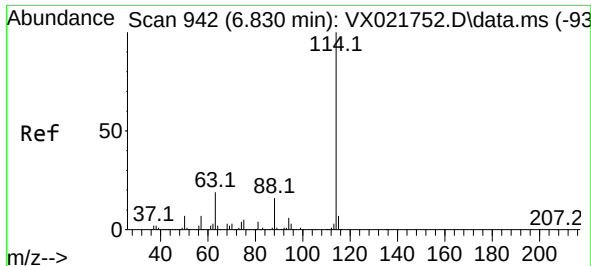


#33
1,2-Dichloroethane-d4
Concen: 50.03 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02



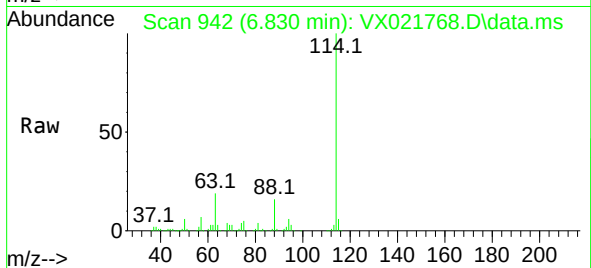
Tgt Ion: 65 Resp: 88334
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.4



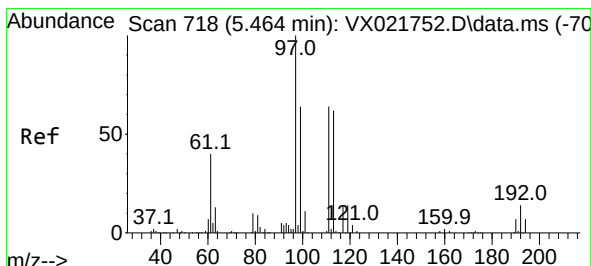
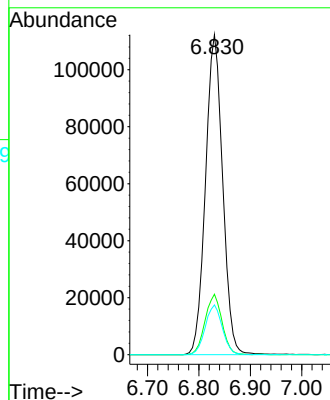
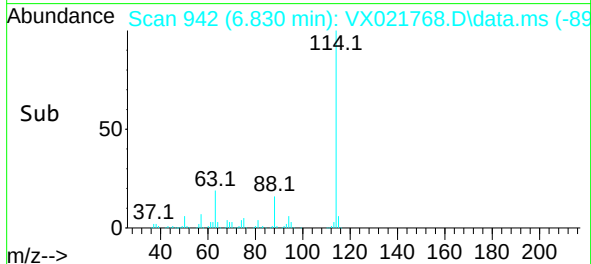


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

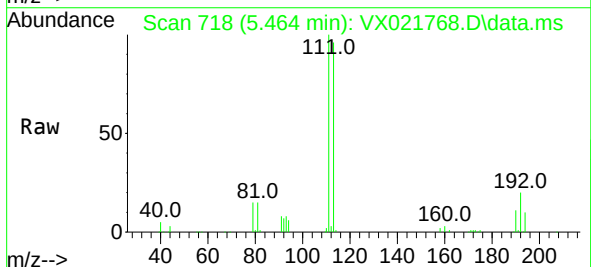
Instrument :
MSVOA_X
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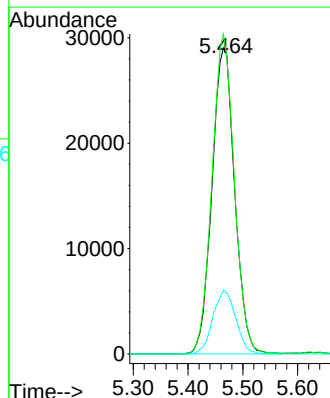
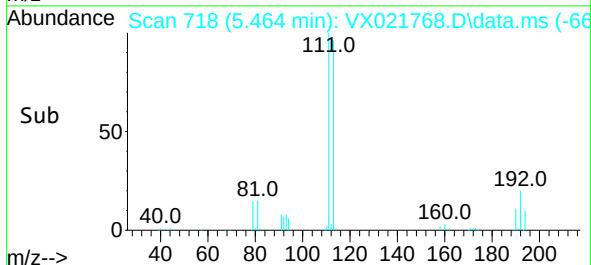
Tgt Ion:114 Resp: 259888
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.8
88 15.6 0.0 32.8

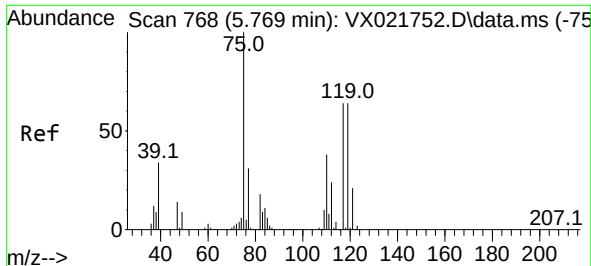


#35
Dibromofluoromethane
Concen: 50.26 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02



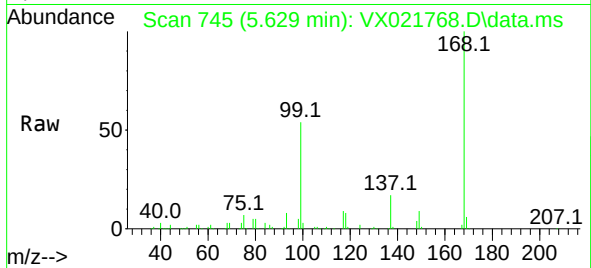
Tgt Ion:113 Resp: 83525
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.9 16.7 25.1



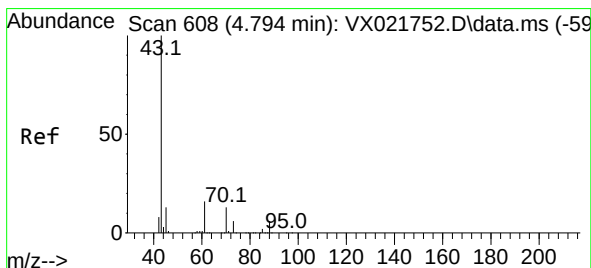
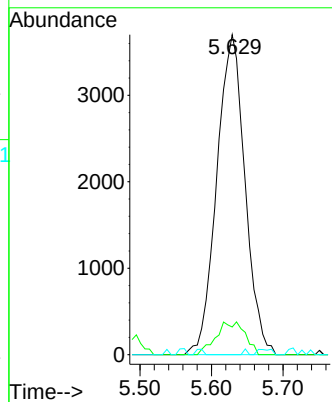
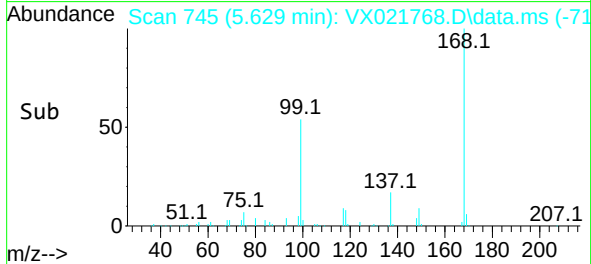


#36
1,1-Dichloropropene
Concen: 4.42 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

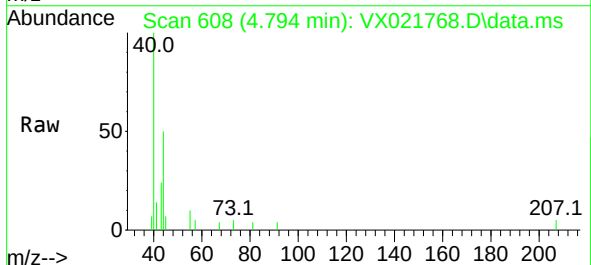
Instrument :
MSVOA_X
ClientSampleId :
PB135856ZHE#02



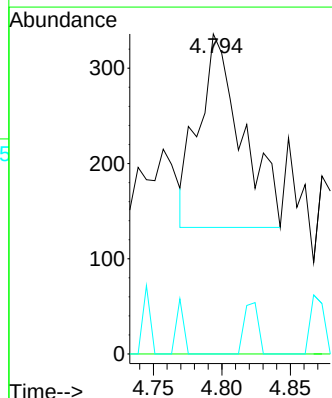
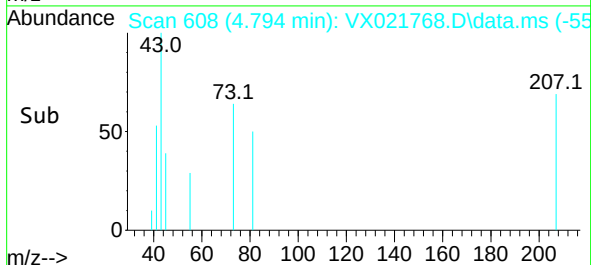
Tgt Ion: 75 Resp: 10148
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.2 25.3 37.9#

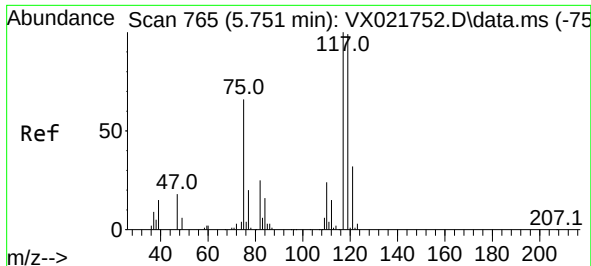


#37
Ethyl Acetate
Concen: 0.21 ug/l
RT: 4.794 min Scan# 608
Delta R.T. -0.000 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02



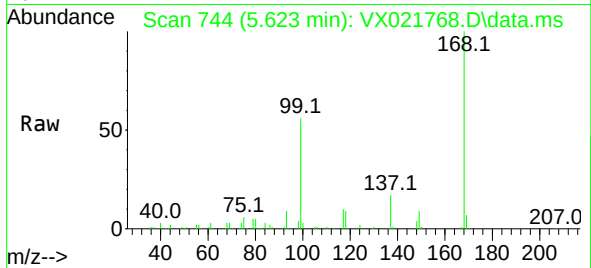
Tgt Ion: 43 Resp: 445
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



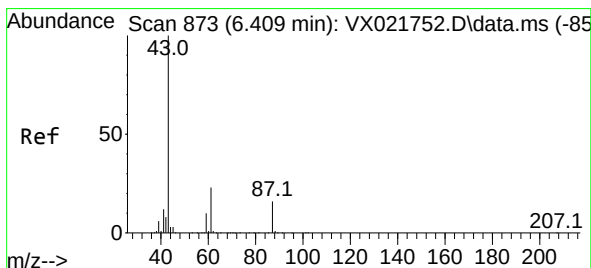
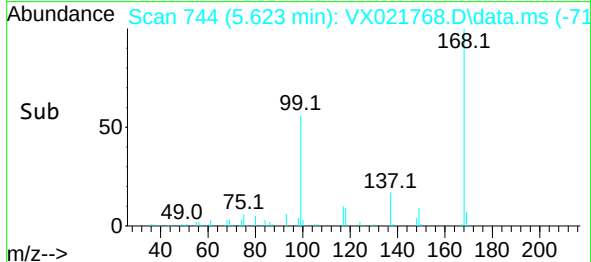
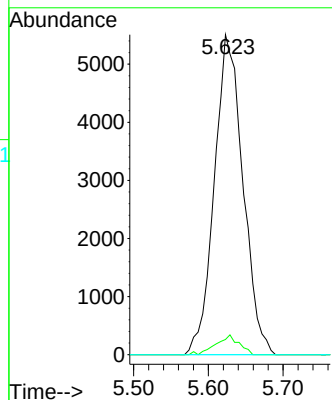


#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

Instrument :
MSVOA_X
ClientSampleId :
PB135856ZHE#02

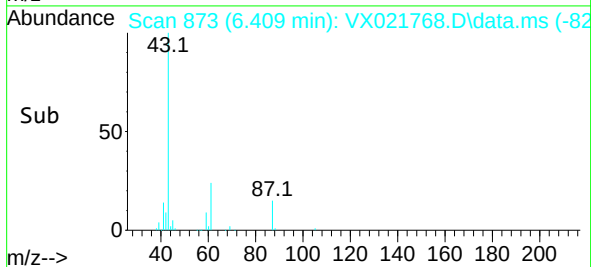
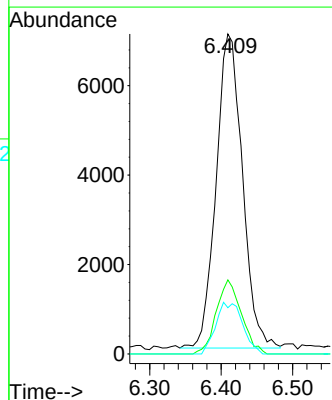
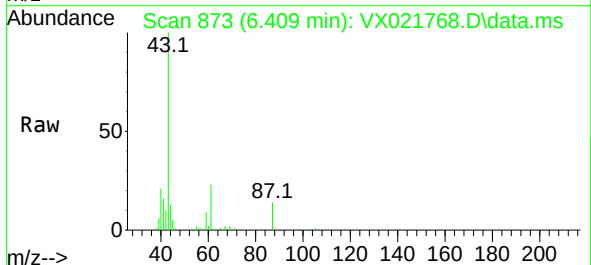


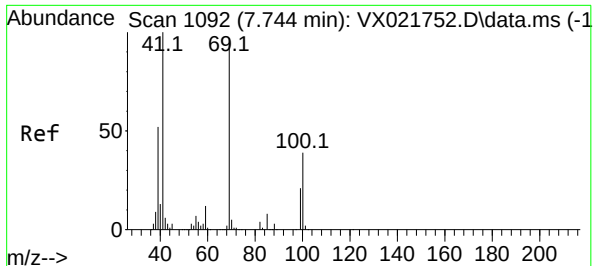
Tgt Ion: 117 Resp: 14661
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 4.75 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.000 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

Tgt Ion: 43 Resp: 17950
Ion Ratio Lower Upper
43 100
61 22.5 18.2 27.4
87 16.7 12.5 18.7

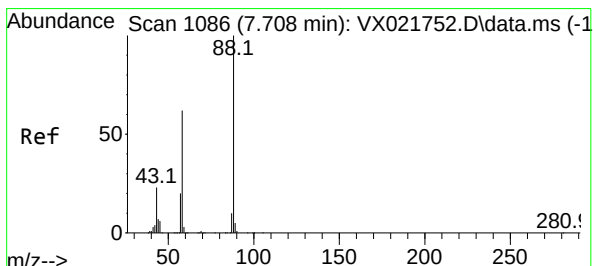
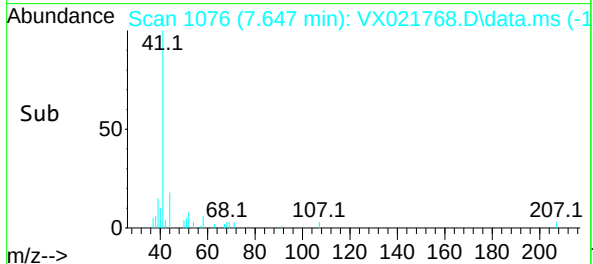
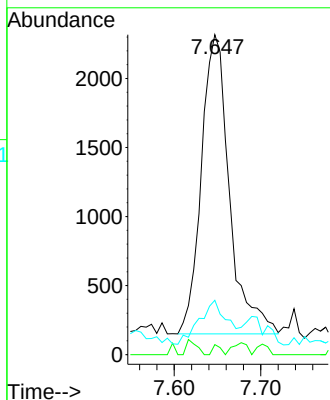
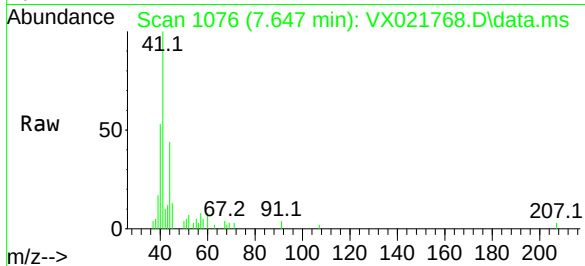




#48
Methyl methacrylate
Concen: 2.66 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.097 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

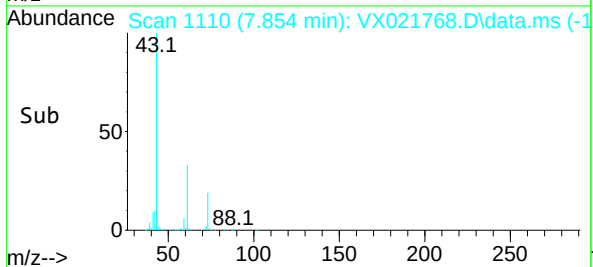
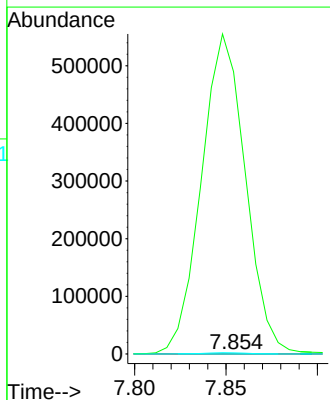
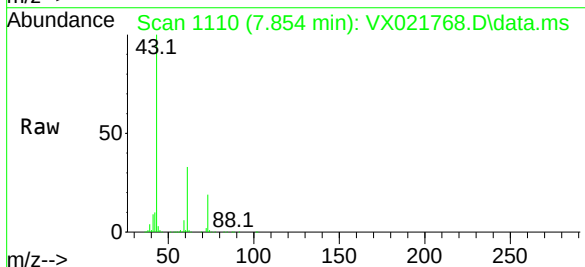
Instrument :
MSVOA_X
ClientSampleId :
PB135856ZHE#02

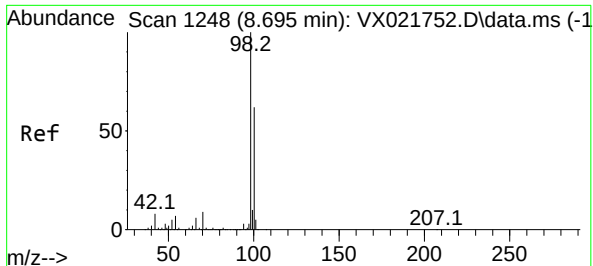
Tgt Ion: 41 Resp: 4894
Ion Ratio Lower Upper
41 100
69 0.9 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.35 ug/l
RT: 7.854 min Scan# 1110
Delta R.T. 0.146 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

Tgt Ion: 88 Resp: 145
Ion Ratio Lower Upper
88 100
43 647158.6 23.2 34.8#
58 2590.3 55.0 82.4#

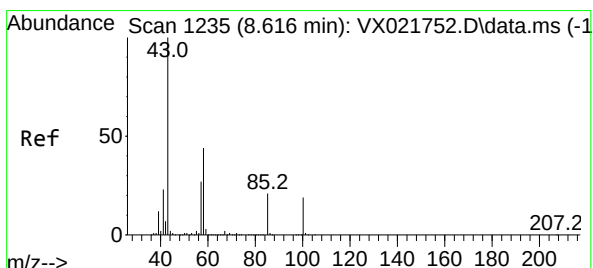
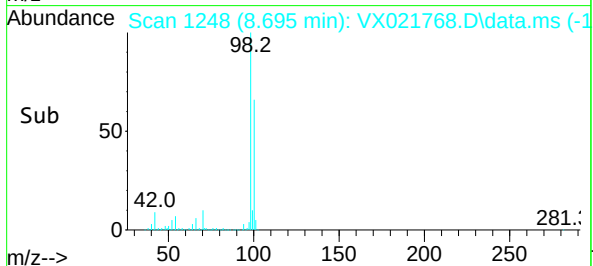
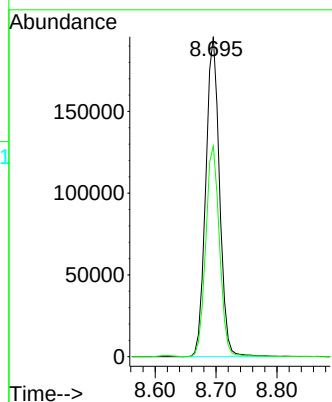
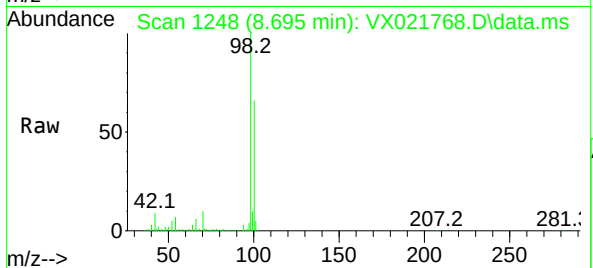




#50
Toluene-d8
Concen: 48.07 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

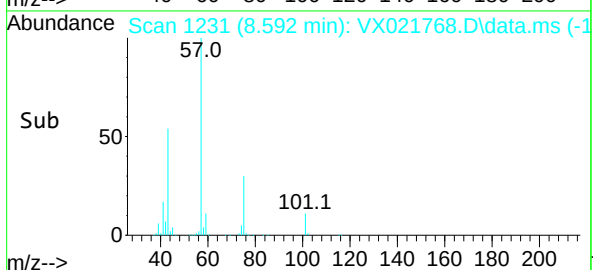
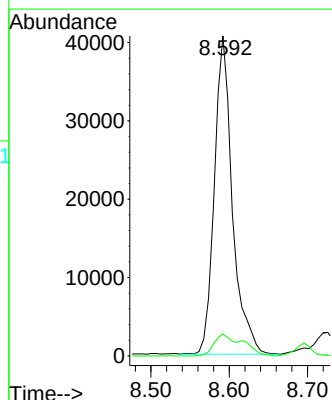
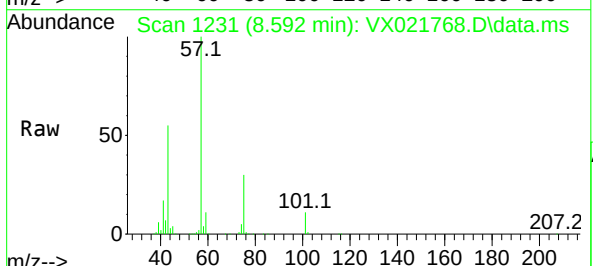
Instrument :
MSVOA_X
ClientSampleId :
PB135856ZHE#02

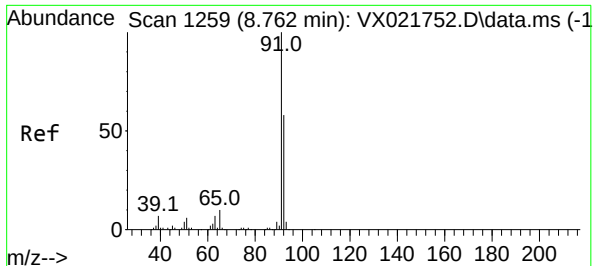
Tgt Ion: 98 Resp: 307160
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 30.07 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

Tgt Ion: 43 Resp: 65020
Ion Ratio Lower Upper
43 100
58 10.9 35.4 53.0#

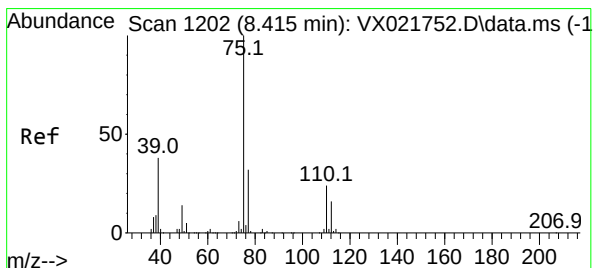
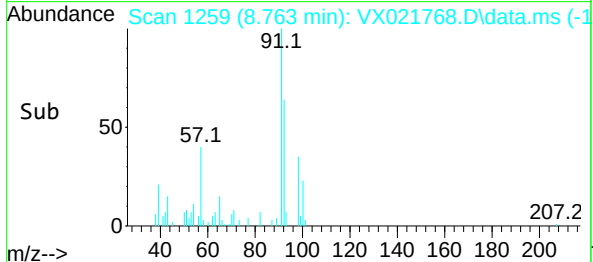
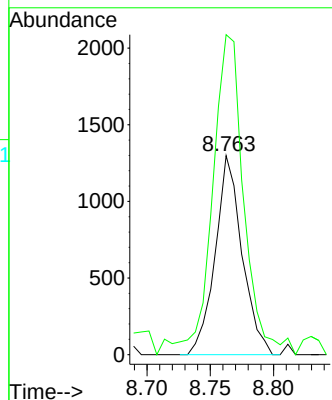
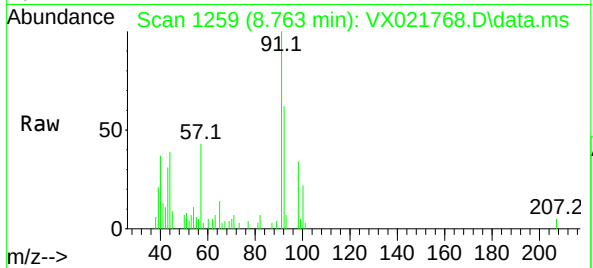




#52
Toluene
Concen: 0.43 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

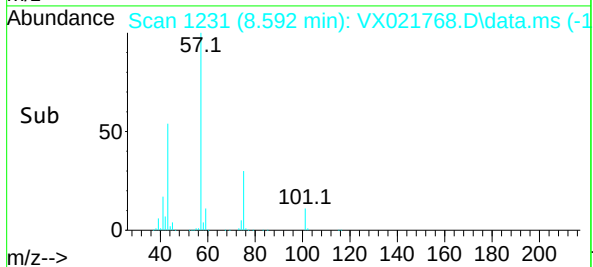
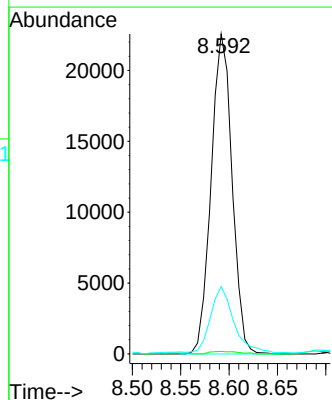
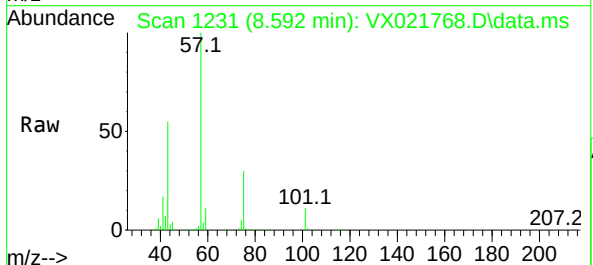
Instrument :
MSVOA_X
ClientSampleId :
PB135856ZHE#02

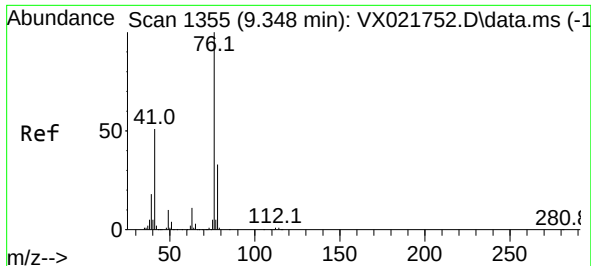
Tgt Ion: 92 Resp: 1920
Ion Ratio Lower Upper
92 100
91 189.1 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 11.16 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.177 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

Tgt Ion: 75 Resp: 33993
Ion Ratio Lower Upper
75 100
77 0.8 25.7 38.5#
39 20.6 35.1 52.7#

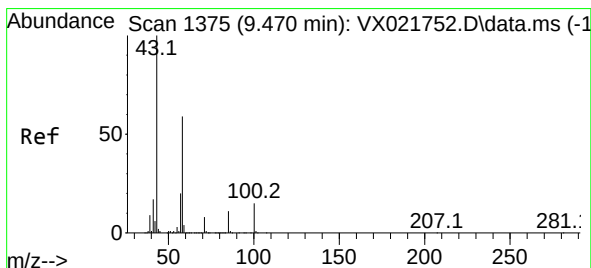
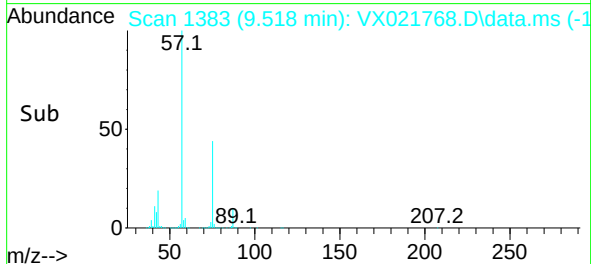
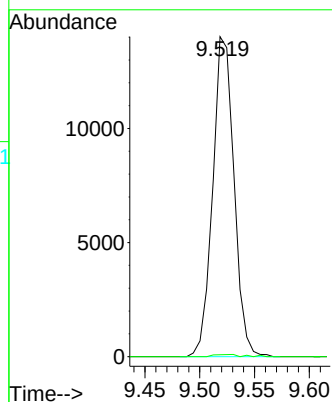
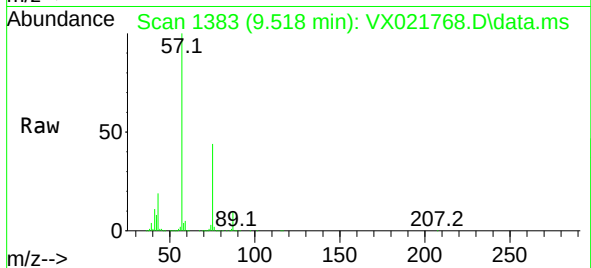




#57
1,3-Dichloropropane
Concen: 6.48 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.170 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

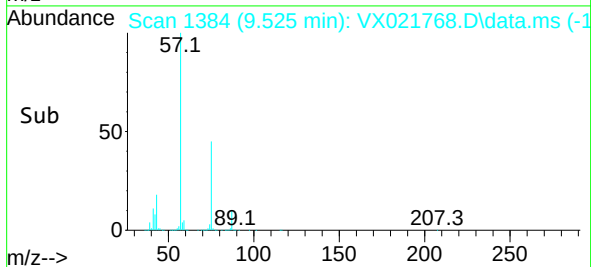
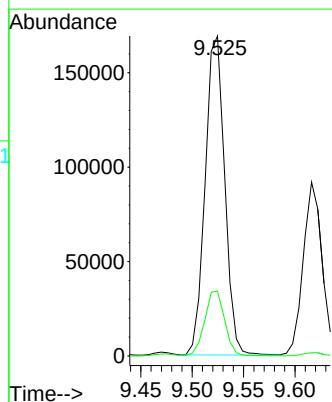
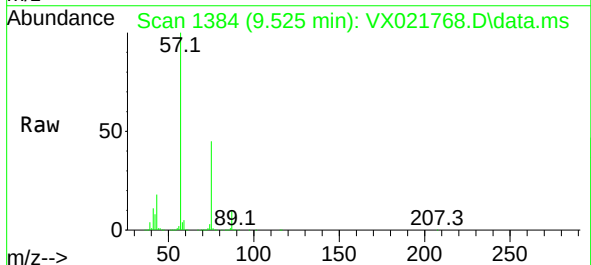
Instrument :
MSVOA_X
ClientSampleId :
PB135856ZHE#02

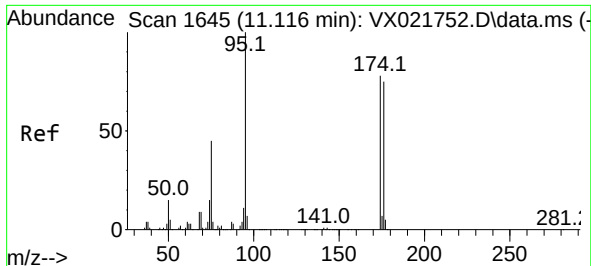
Tgt Ion: 76 Resp: 18971
Ion Ratio Lower Upper
76 100
78 0.9 26.2 39.2#



#59
2-Hexanone
Concen: 138.36 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

Tgt Ion: 43 Resp: 224242
Ion Ratio Lower Upper
43 100
58 20.9 30.9 92.8#

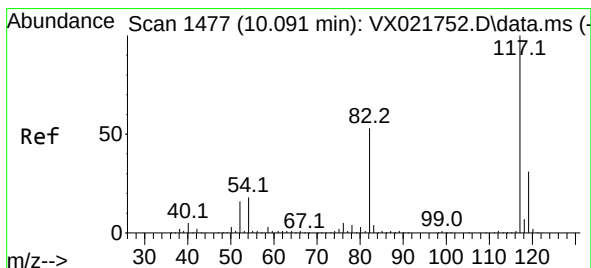
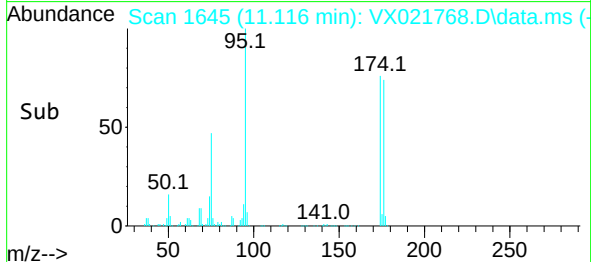
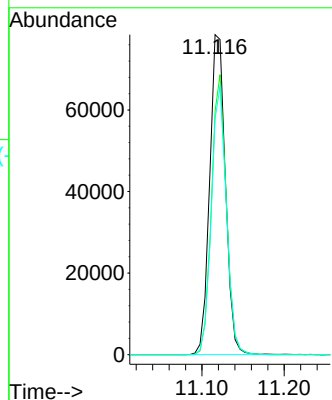
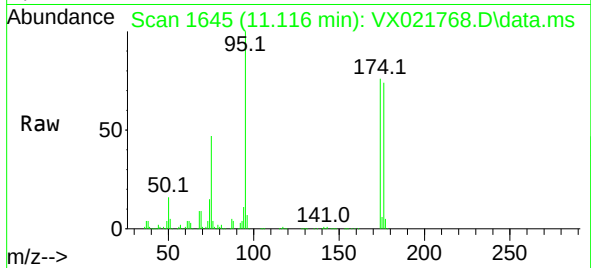




#62
4-Bromofluorobenzene
Concen: 43.73 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

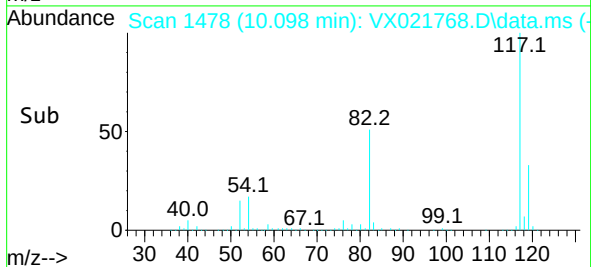
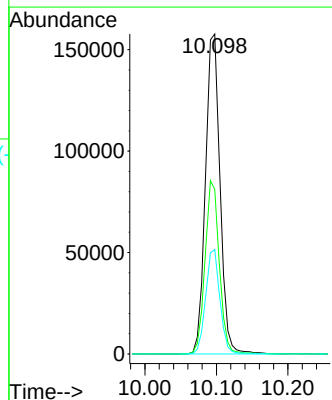
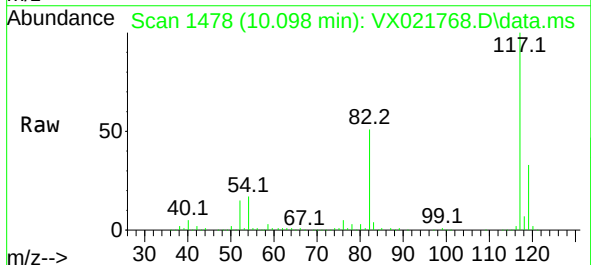
Instrument :
MSVOA_X
ClientSampleId :
PB135856ZHE#02

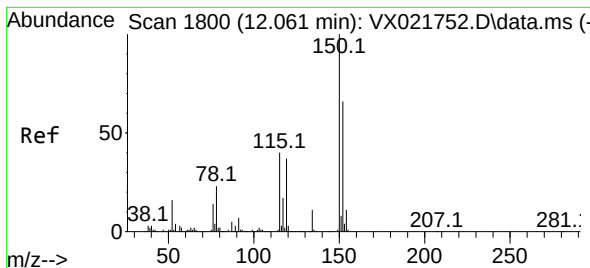
Tgt Ion: 95 Resp: 104366
Ion Ratio Lower Upper
95 100
174 82.8 0.0 154.6
176 80.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.007 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

Tgt Ion: 117 Resp: 224242
Ion Ratio Lower Upper
117 100
82 51.4 47.4 71.2
119 32.7 26.6 39.8

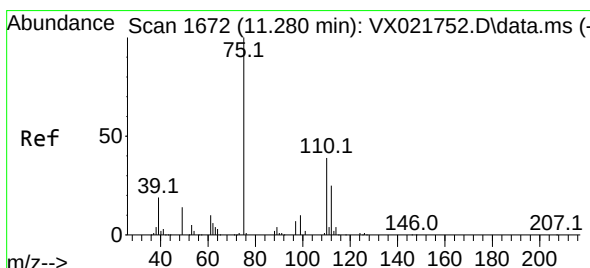
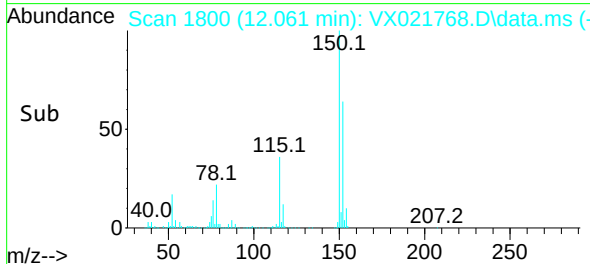
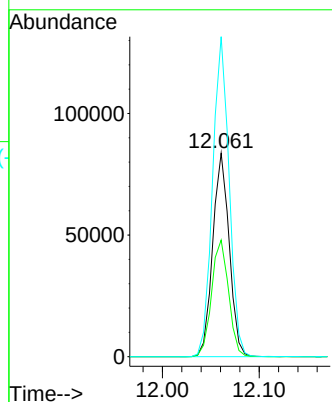
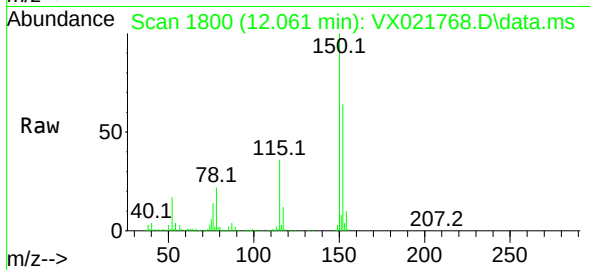




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021768.D
 Acq: 20 Apr 2021 21:02

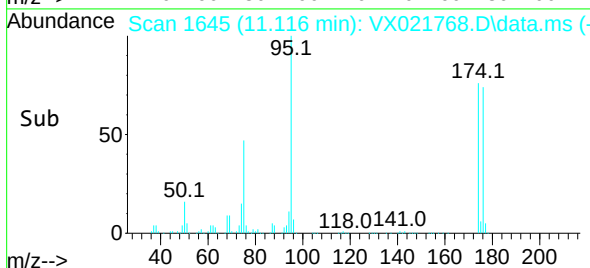
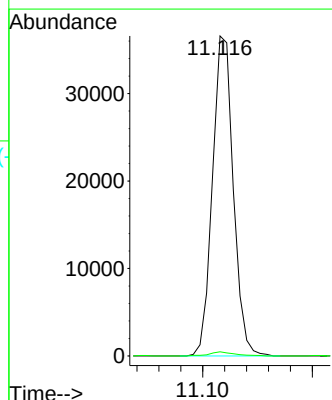
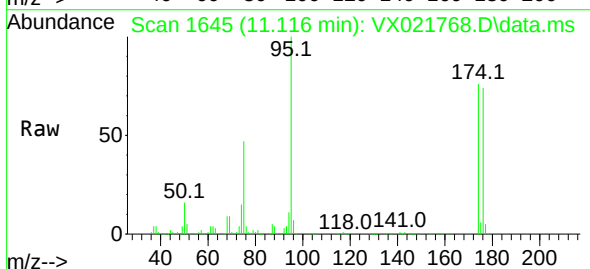
Instrument :
 MSVOA_X
 ClientSampleId :
 PB135856ZHE#02

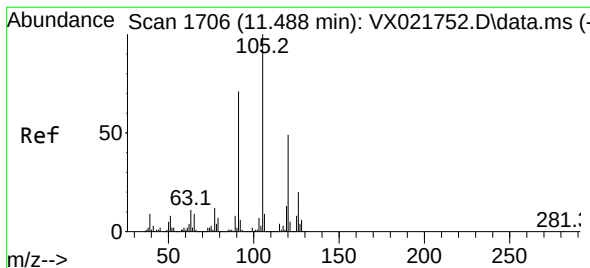
Tgt Ion:152 Resp: 99100
 Ion Ratio Lower Upper
 152 100
 115 58.9 41.1 123.3
 150 157.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.58 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021768.D
 Acq: 20 Apr 2021 21:02

Tgt Ion: 75 Resp: 48306
 Ion Ratio Lower Upper
 75 100
 77 1.6 19.1 57.5#

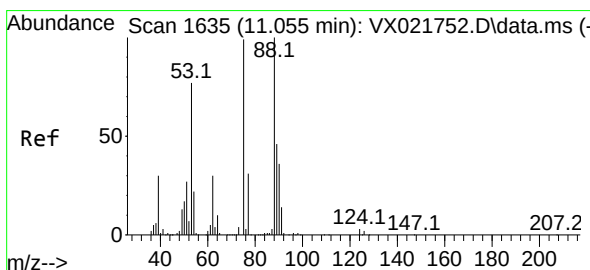
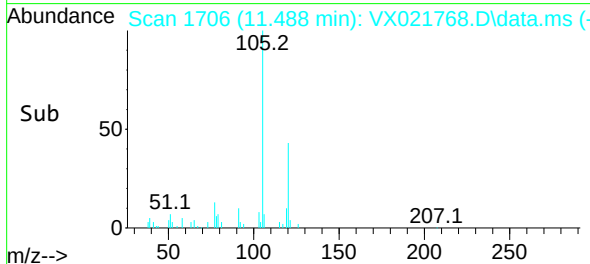
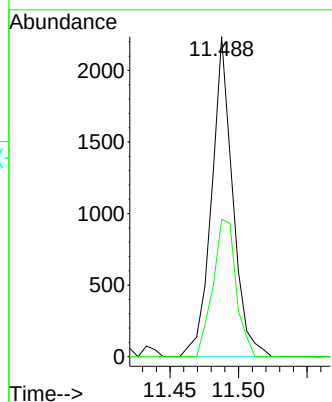
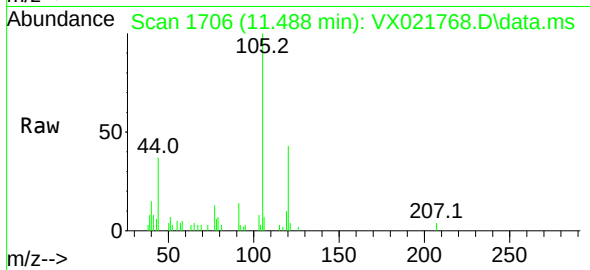




#80
1,3,5-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

Instrument :
MSVOA_X
ClientSampleId :
PB135856ZHE#02

Tgt Ion:105 Resp: 2399
Ion Ratio Lower Upper
105 100
120 46.8 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 56.52 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021768.D
Acq: 20 Apr 2021 21:02

Tgt Ion: 75 Resp: 48306
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

