

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
 Data File : VX024006.D
 Acq On : 30 Aug 2021 10:13
 Operator : JC/MD
 Sample : VX0830MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBL01

Quant Time: Aug 31 03:09:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

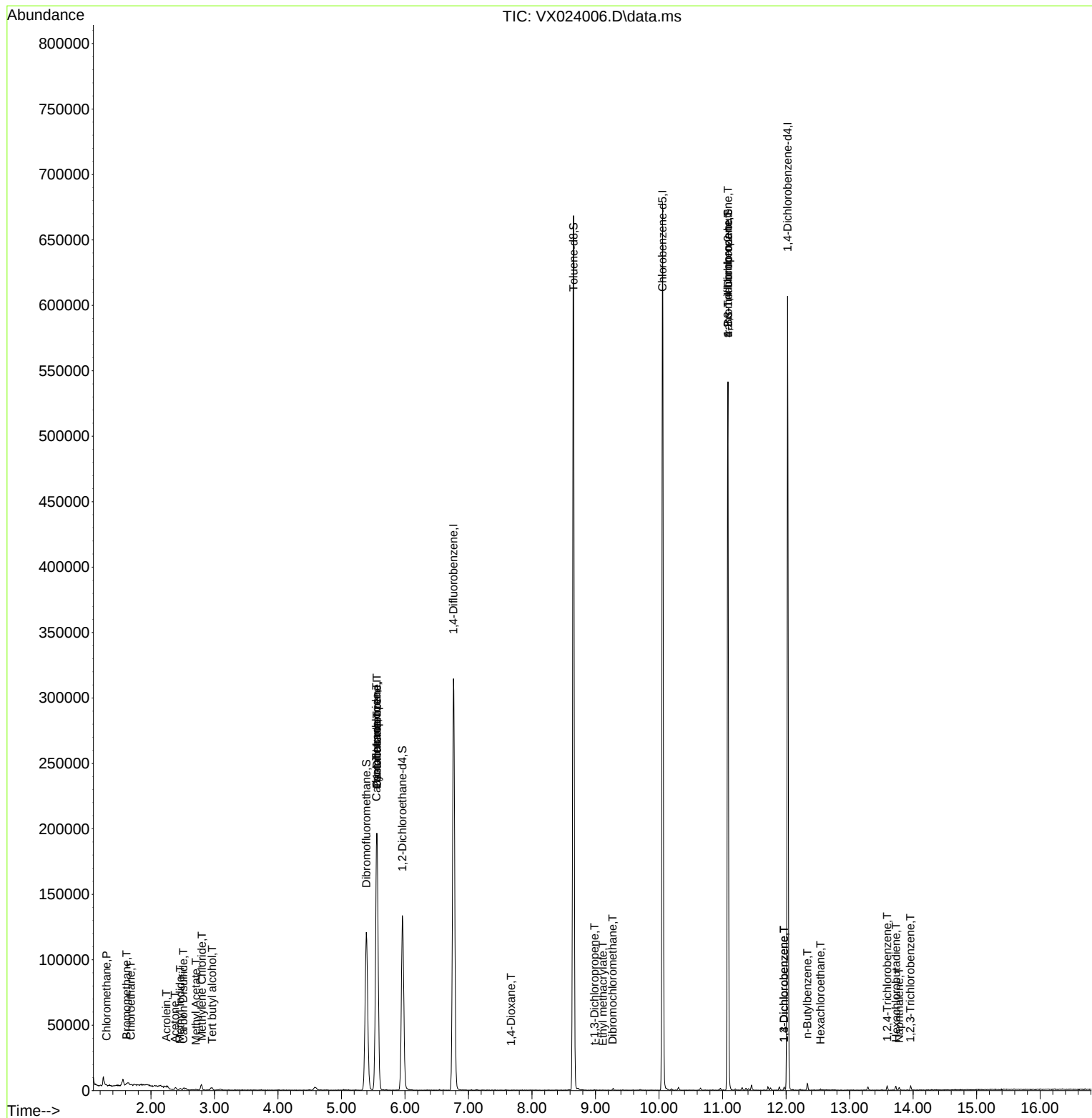
Internal Standards						
1) Pentafluorobenzene	5.556	168	184129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	313923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133720	52.034	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.060%			
35) Dibromofluoromethane	5.391	113	103347	49.739	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.480%			
50) Toluene-d8	8.653	98	382958	48.426	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.860%			
62) 4-Bromofluorobenzene	11.085	95	138245	47.487	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.980%			
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	635	0.298	ug/l	100
5) Bromomethane	1.618	94	1109	0.848	ug/l	98
6) Chloroethane	1.685	64	300	2.382	ug/l #	43
10) Methyl Iodide	2.459	142	1262	0.490	ug/l	100
11) Tert butyl alcohol	2.965	59	1318	2.536	ug/l #	73
13) Acrolein	2.239	56	197	0.637	ug/l #	65
16) Acetone	2.380	43	1528	1.330	ug/l #	68
17) Carbon Disulfide	2.508	76	1525	0.362	ug/l	96
18) Methyl Acetate	2.709	43	591	0.206	ug/l #	86
20) Methylene Chloride	2.800	84	1678	0.765	ug/l #	83
31) Cyclohexane	5.556	56	4118	1.247	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14357	4.938	ug/l #	49
38) Carbon Tetrachloride	5.550	117	18898	6.234	ug/l #	16
49) 1,4-Dioxane	7.671	88	18	0.312	ug/l #	24
53) t-1,3-Dichloropropene	8.982	75	136	2.172	ug/l #	44
56) Ethyl methacrylate	9.116	69	21	0.765	ug/l #	1
60) Dibromochloromethane	9.269	129	236	1.778	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	75546	26.976	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	75546	79.351	ug/l #	12
87) 1,3-Dichlorobenzene	11.969	146	848	0.208	ug/l	97
88) 1,4-Dichlorobenzene	11.969	146	848	0.208	ug/l	97
89) n-Butylbenzene	12.335	91	1843	0.271	ug/l	83
90) Hexachloroethane	12.542	117	126	1.558	ug/l	56
93) 1,2,4-Trichlorobenzene	13.591	180	850	0.357	ug/l	94
94) Hexachlorobutadiene	13.731	225	377	0.356	ug/l	65
95) Naphthalene	13.780	128	1578	1.458	ug/l #	87
96) 1,2,3-Trichlorobenzene	13.957	180	855	0.361	ug/l	97

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

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0830MBL01

Quant Time: Aug 31 03:09:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

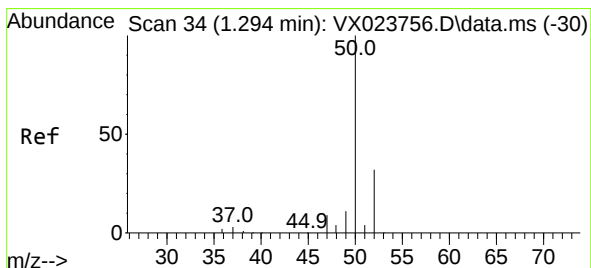
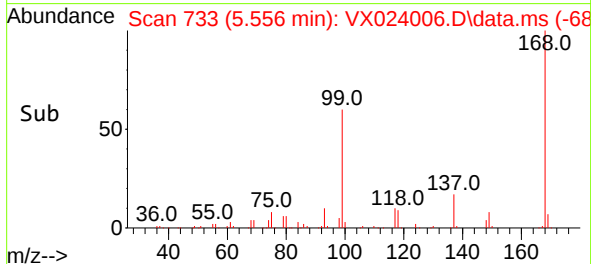
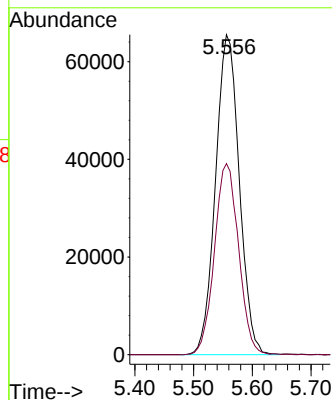
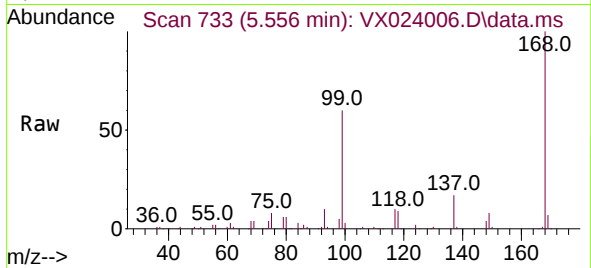




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

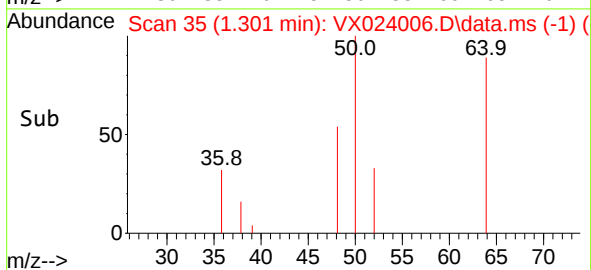
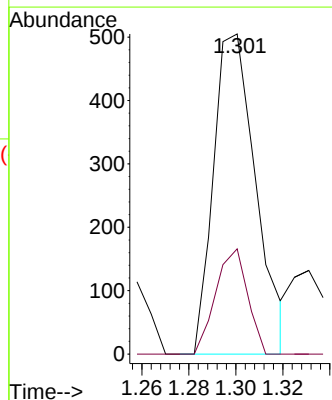
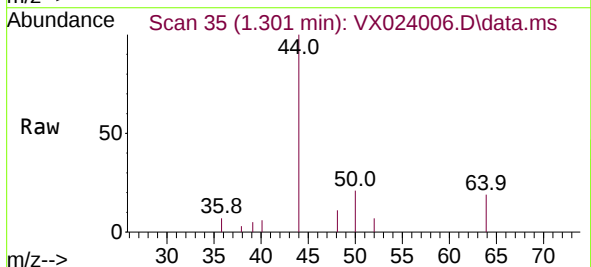
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBL01

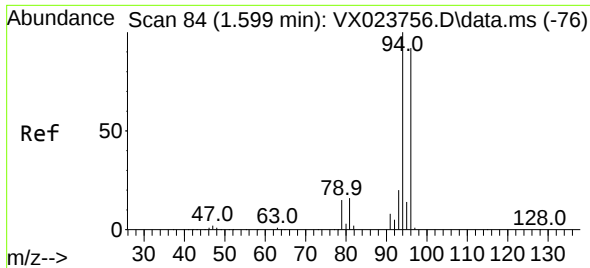
Tgt Ion:168 Resp: 184129
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#3
Chloromethane
Concen: 0.298 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

Tgt Ion: 50 Resp: 635
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6

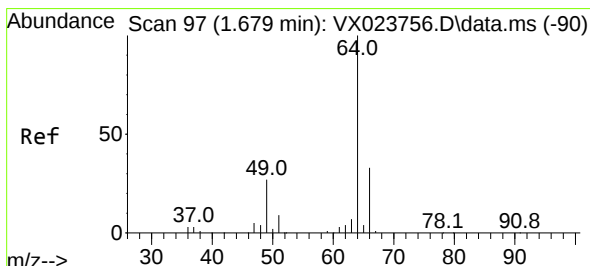
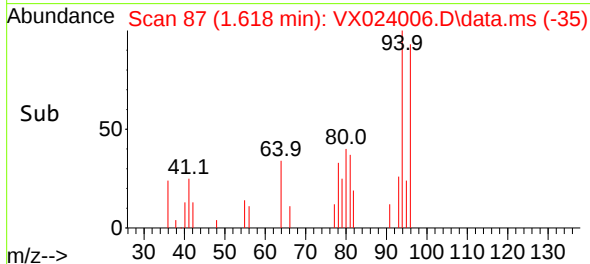
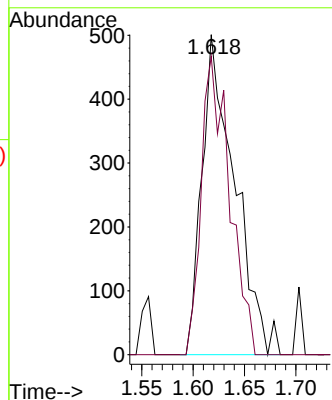
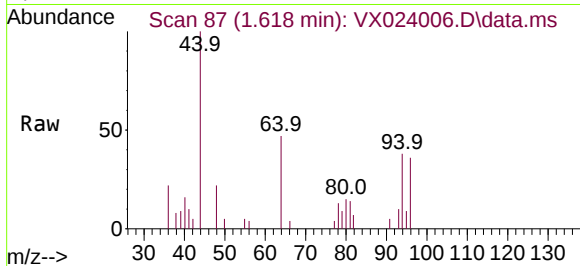




#5
Bromomethane
Concen: 0.848 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

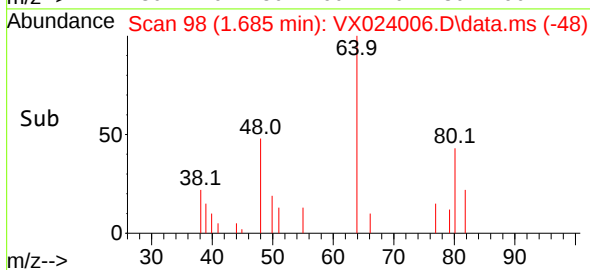
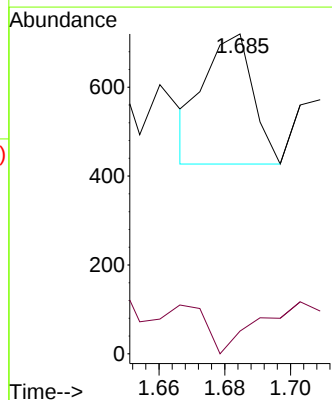
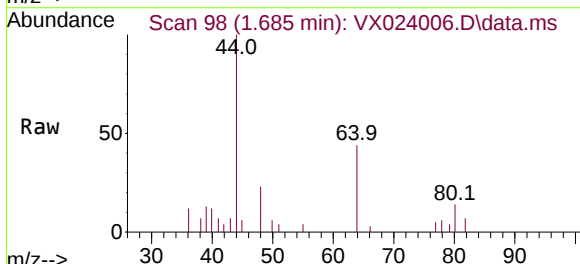
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBL01

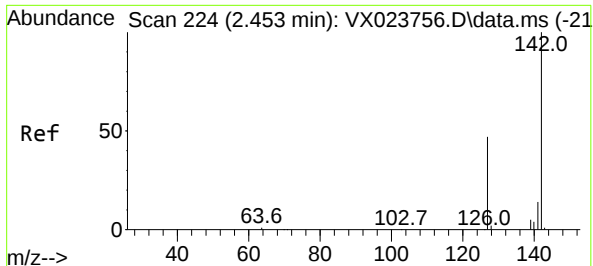
Tgt Ion: 94 Resp: 1109
Ion Ratio Lower Upper
94 100
96 93.2 76.4 114.6



#6
Chloroethane
Concen: 2.382 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

Tgt Ion: 64 Resp: 300
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

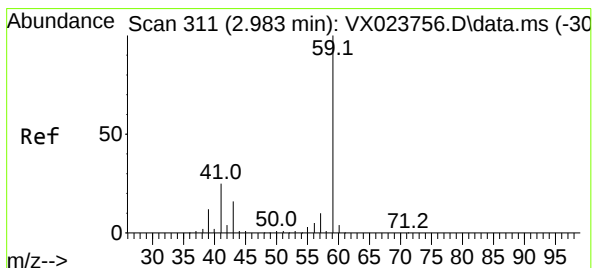
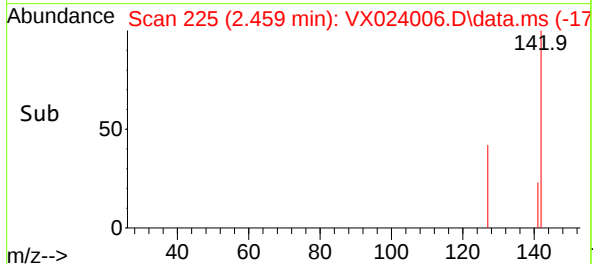
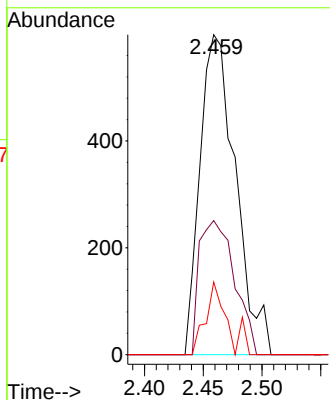
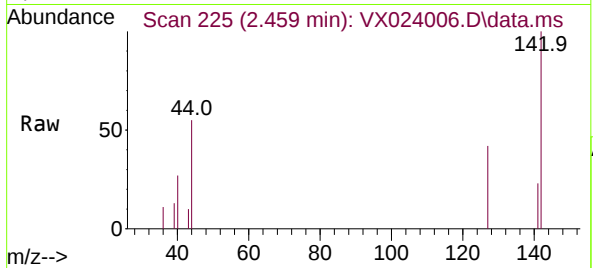




#10
Methyl Iodide
Concen: 0.490 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

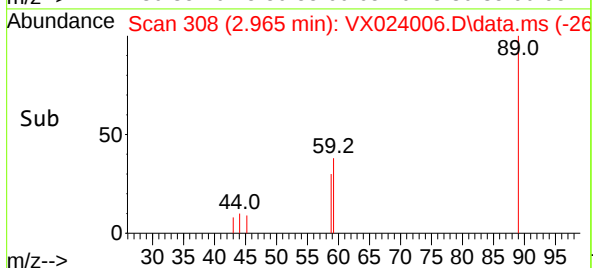
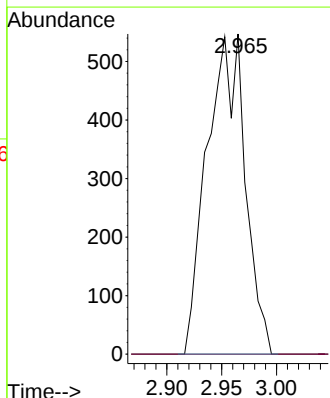
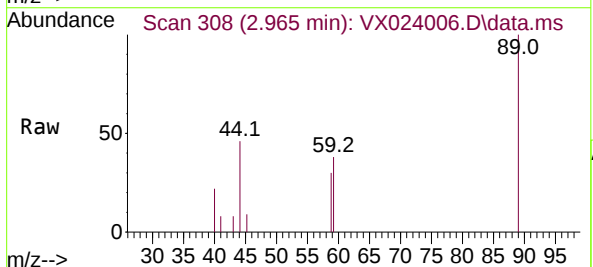
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBL01

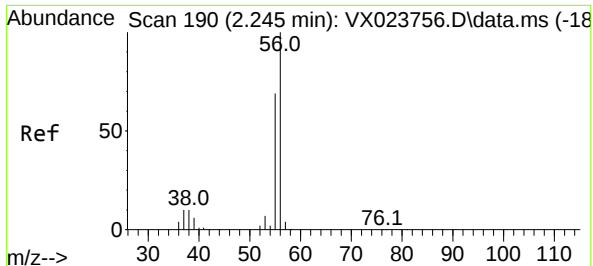
Tgt Ion:142 Resp: 1262
Ion Ratio Lower Upper
142 100
127 41.4 33.3 49.9
141 13.7 11.4 17.0



#11
Tert butyl alcohol
Concen: 2.536 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

Tgt Ion: 59 Resp: 1318
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

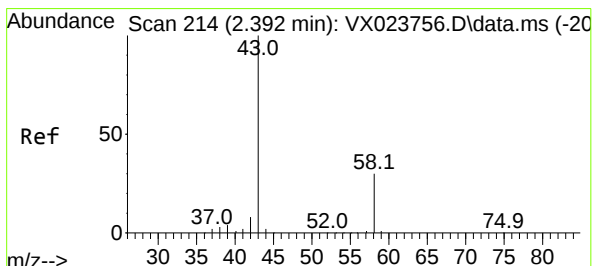
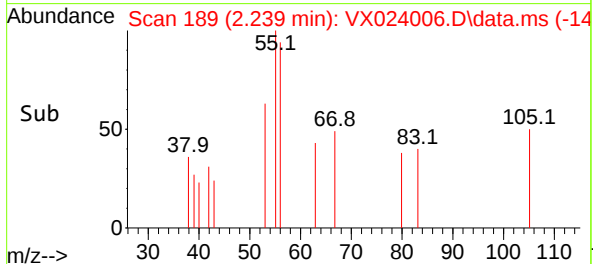
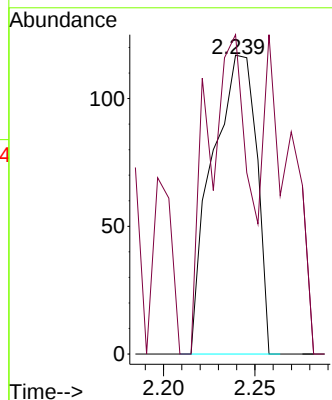
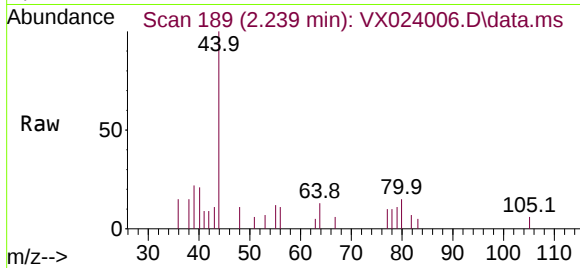




#13
Acrolein
Concen: 0.637 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

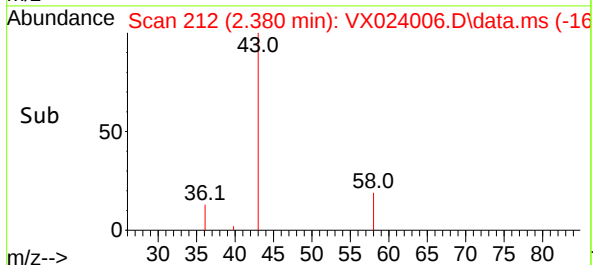
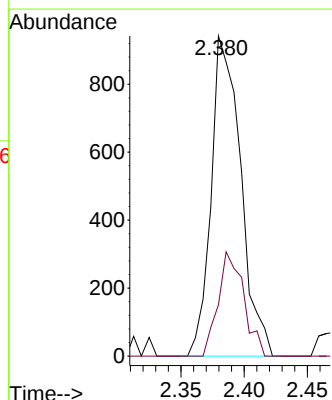
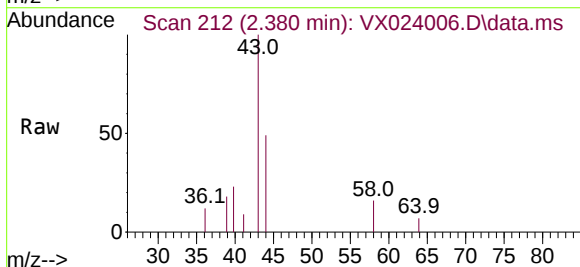
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBL01

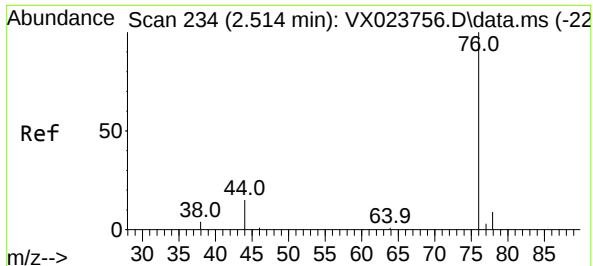
Tgt Ion: 56 Resp: 197
Ion Ratio Lower Upper
56 100
55 99.5 56.4 84.6#



#16
Acetone
Concen: 1.330 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

Tgt Ion: 43 Resp: 1528
Ion Ratio Lower Upper
43 100
58 16.0 27.8 41.8#

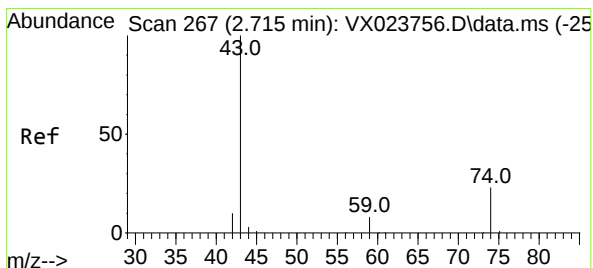
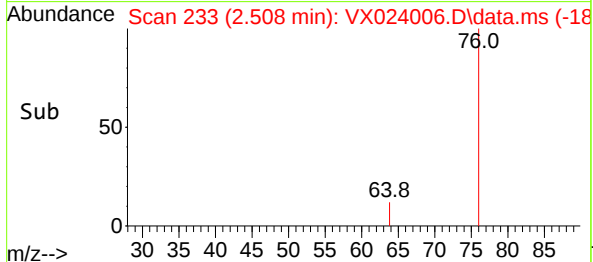
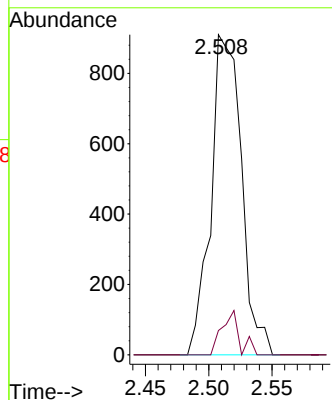
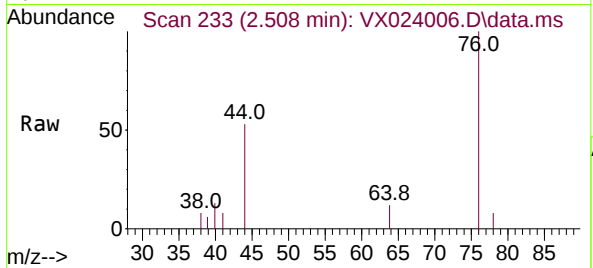




#17
Carbon Disulfide
Concen: 0.362 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

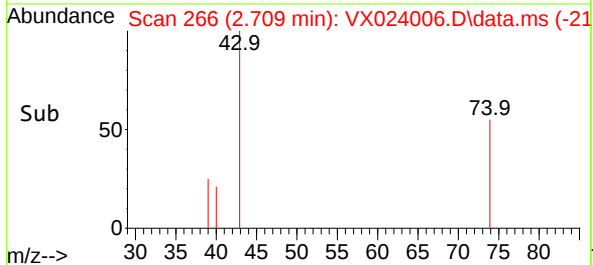
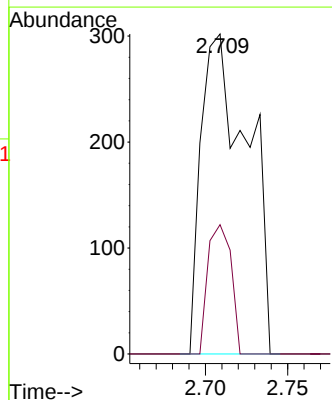
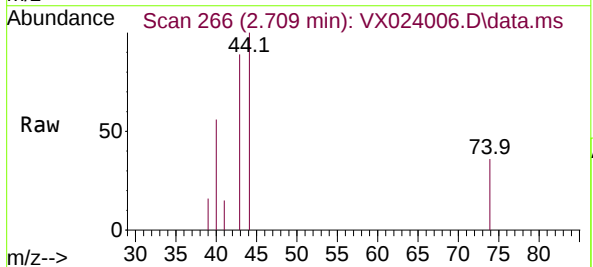
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBL01

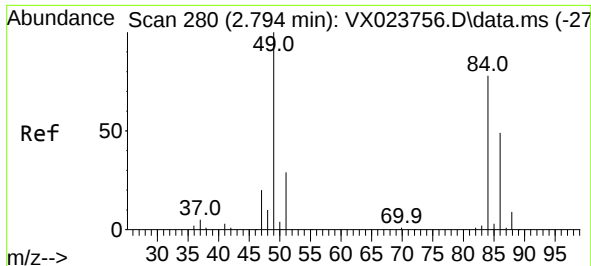
Tgt Ion: 76 Resp: 1525
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8



#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
74 20.3 21.9 32.9#





#20

Methylene Chloride

Concen: 0.765 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024006.D

Acq: 30 Aug 2021 10:13

Tgt Ion: 84 Resp: 1678

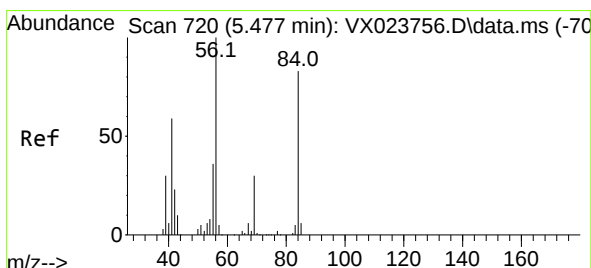
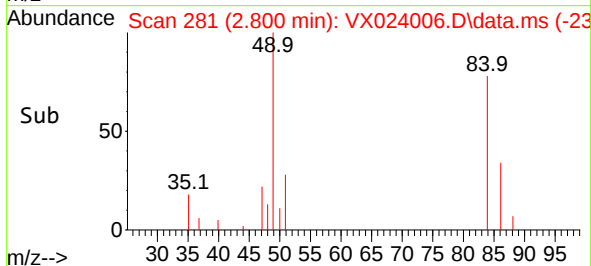
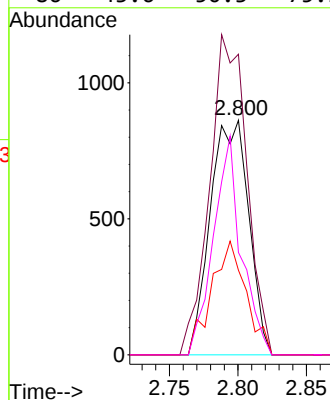
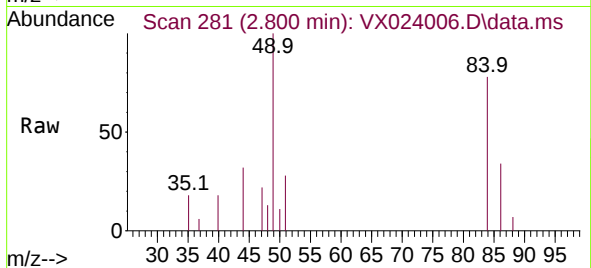
Ion Ratio Lower Upper

84 100

49 128.2 88.6 132.8

51 36.1 27.0 40.6

86 43.6 50.3 75.5#



#31

Cyclohexane

Concen: 1.247 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024006.D

Acq: 30 Aug 2021 10:13

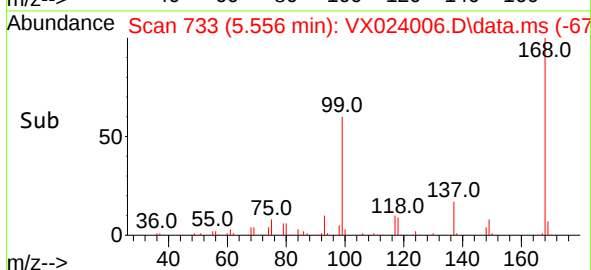
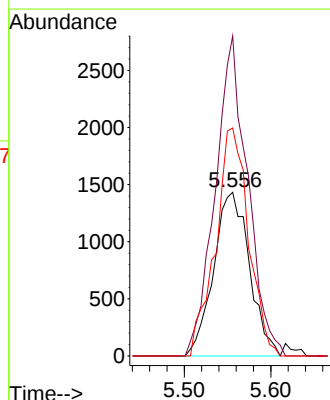
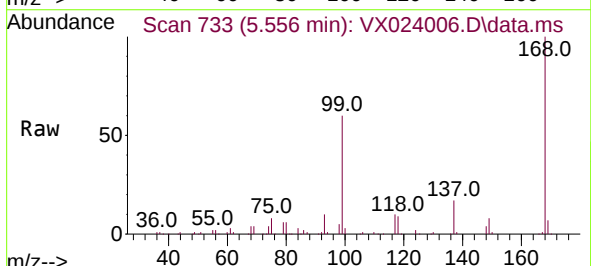
Tgt Ion: 56 Resp: 4118

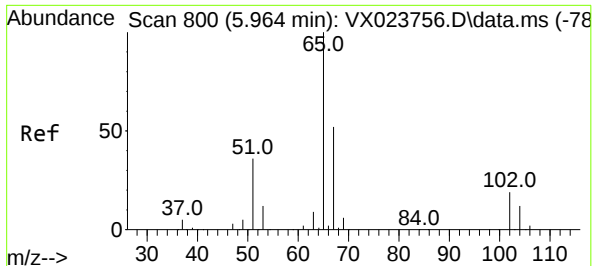
Ion Ratio Lower Upper

56 100

69 195.5 25.3 37.9#

84 139.4 71.4 107.0#



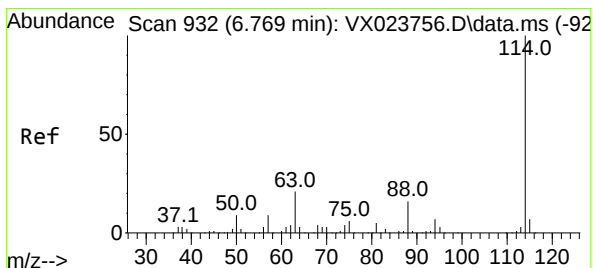
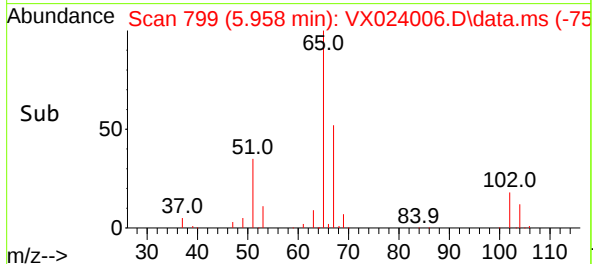
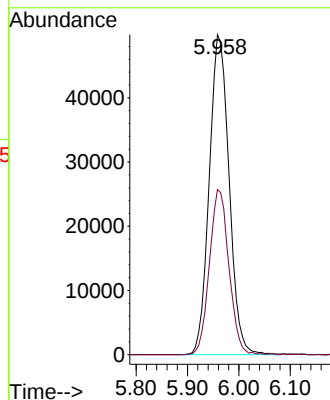
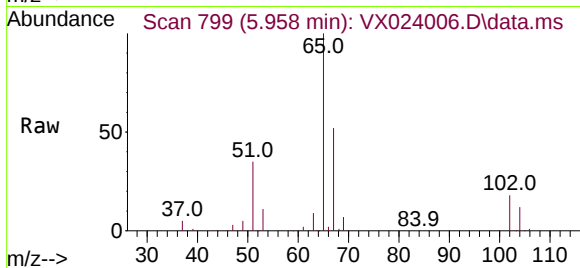


#33

1,2-Dichloroethane-d4
Concen: 52.034 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0830MBL01

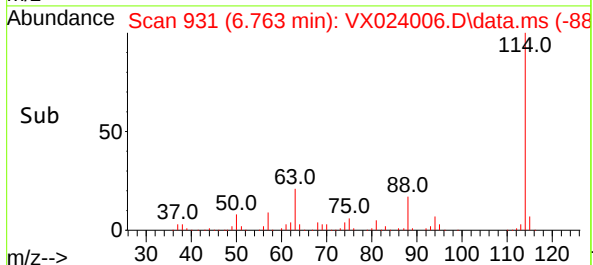
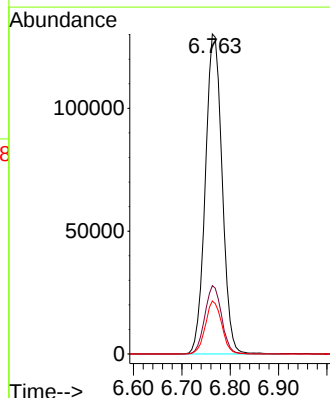
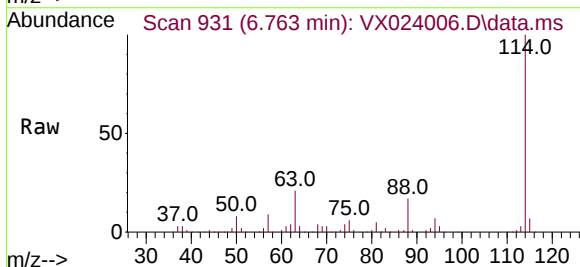
Tgt Ion: 65 Resp: 133720
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

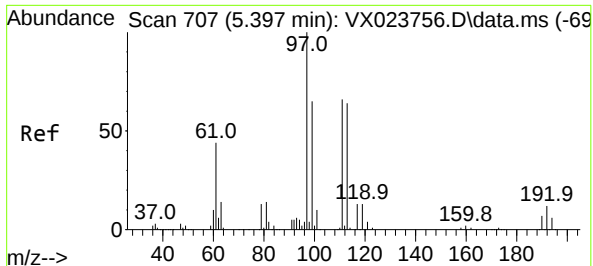


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

Tgt Ion: 114 Resp: 313923
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.6 0.0 32.8

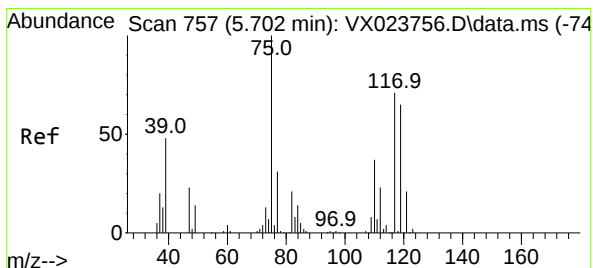
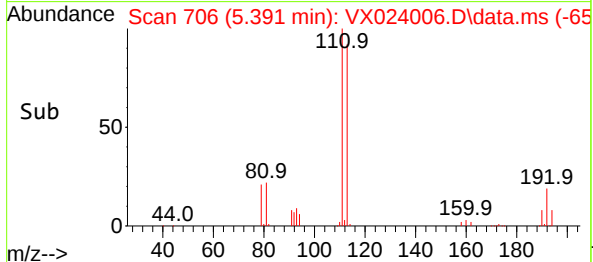
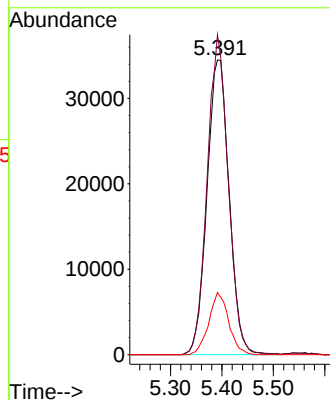
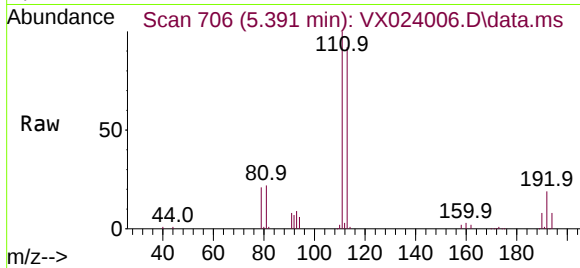




#35
Dibromofluoromethane
Concen: 49.739 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

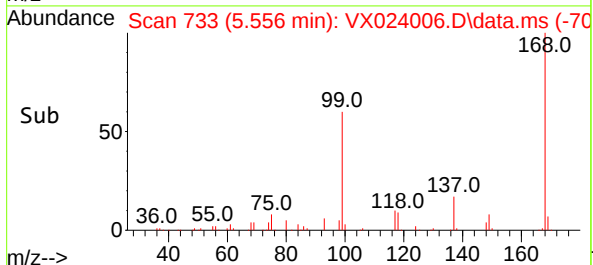
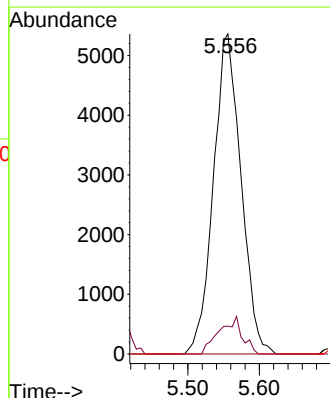
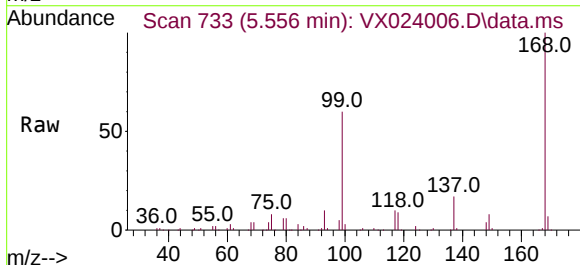
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBL01

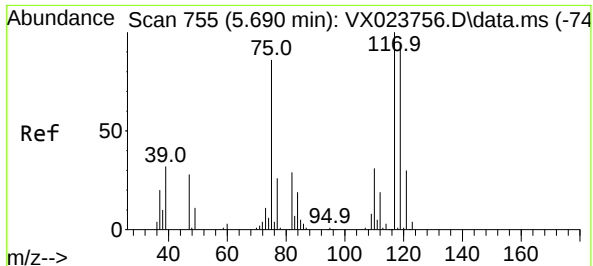
Tgt Ion:113 Resp: 103347
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.938 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

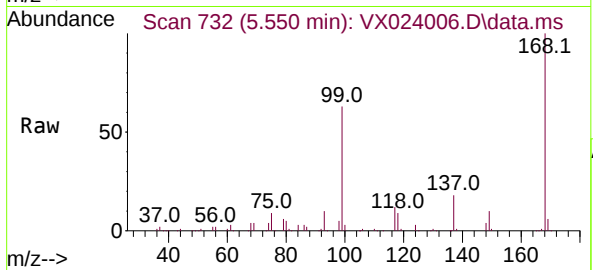
Tgt Ion: 75 Resp: 14357
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



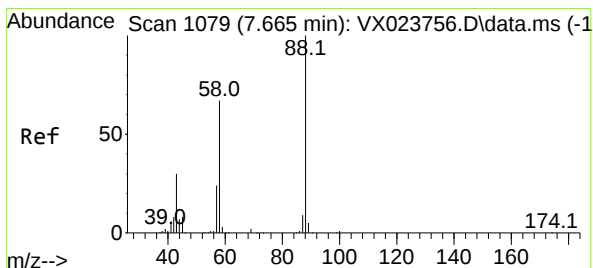
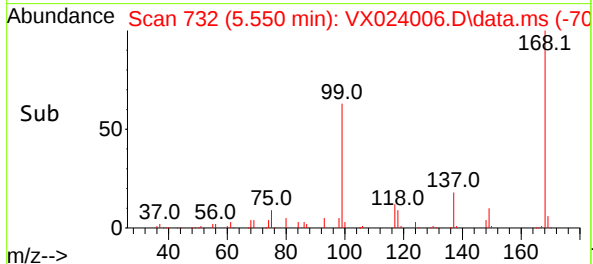
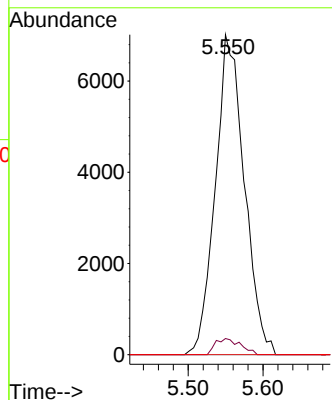


#38
Carbon Tetrachloride
Concen: 6.234 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX0830MBL01

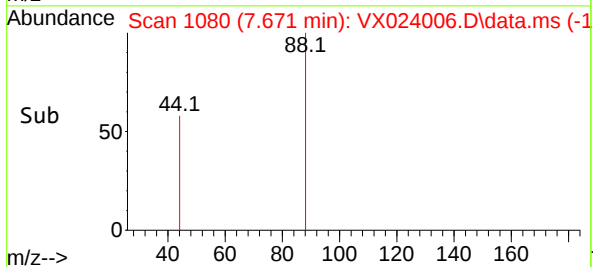
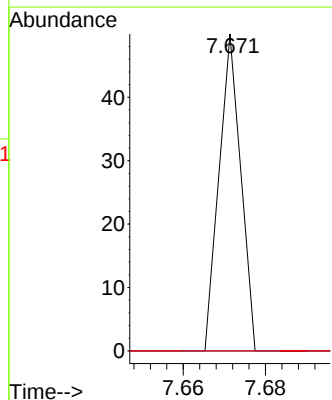
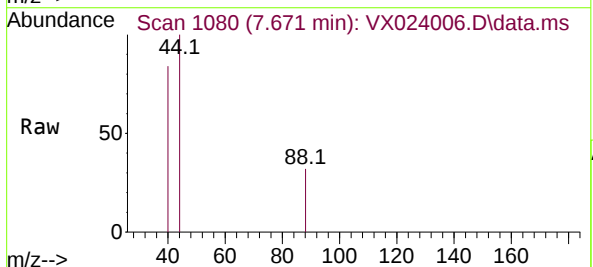


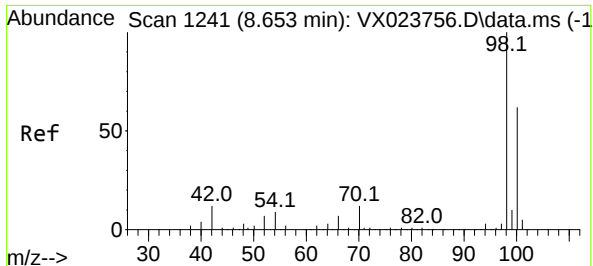
Tgt Ion:117 Resp: 18898
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: 0.312 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#

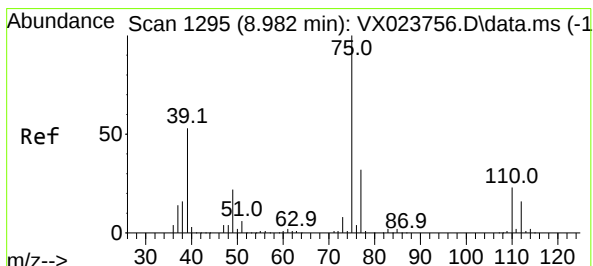
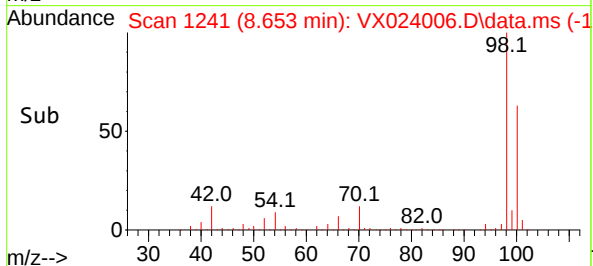
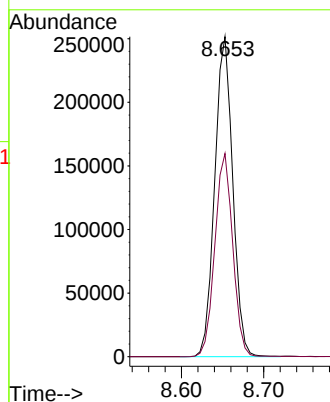
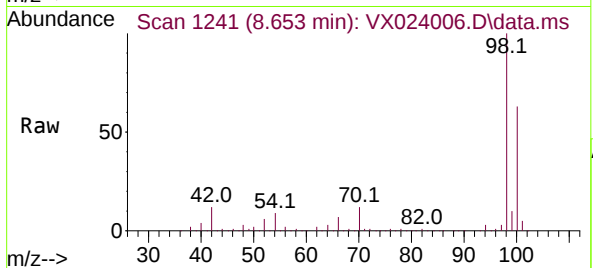




#50
Toluene-d8
Concen: 48.426 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

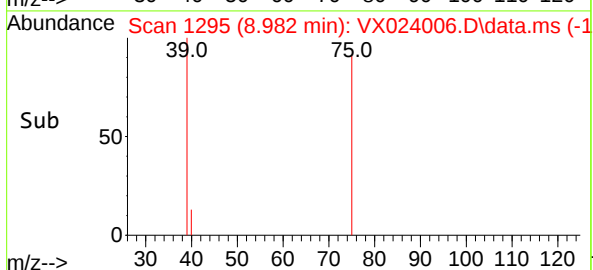
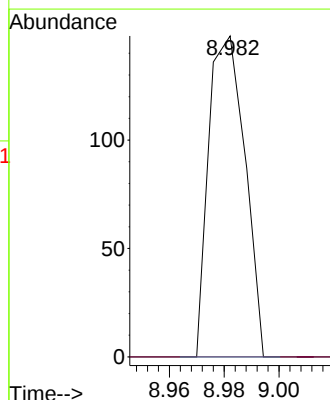
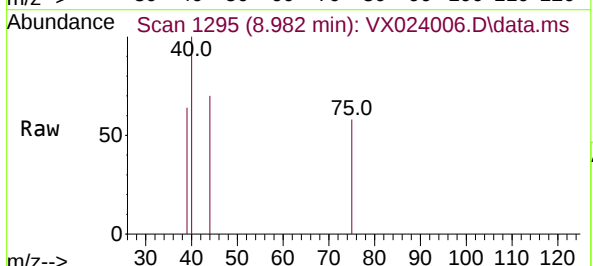
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBL01

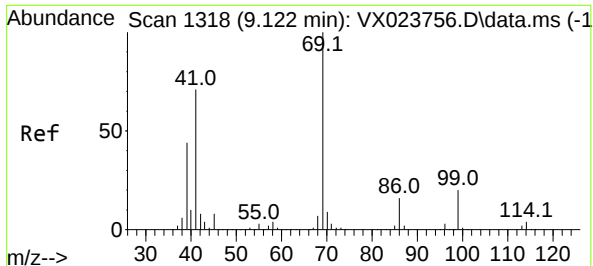
Tgt Ion: 98 Resp: 382958
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.172 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

Tgt Ion: 75 Resp: 136
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

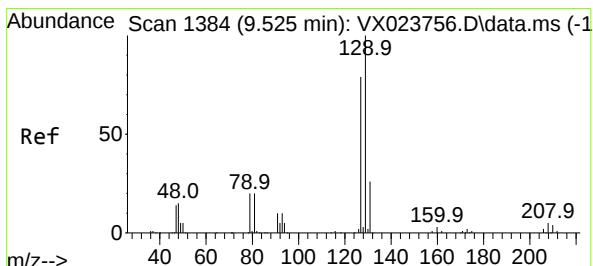
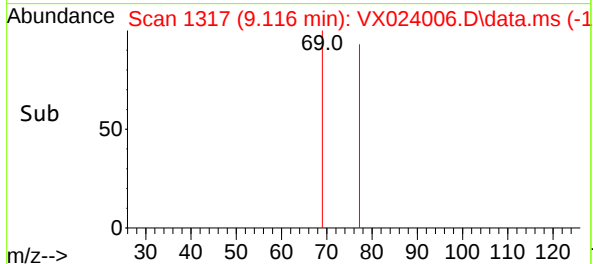
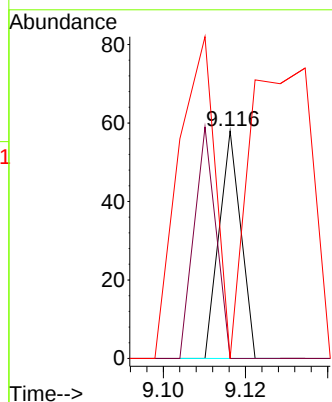
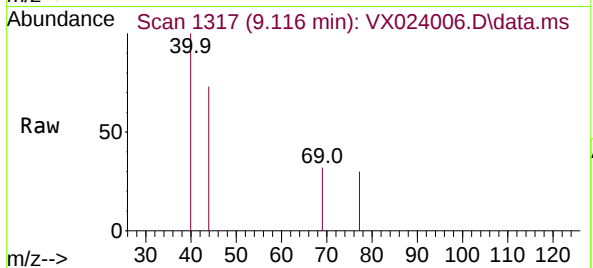




#56
Ethyl methacrylate
Concen: 0.765 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

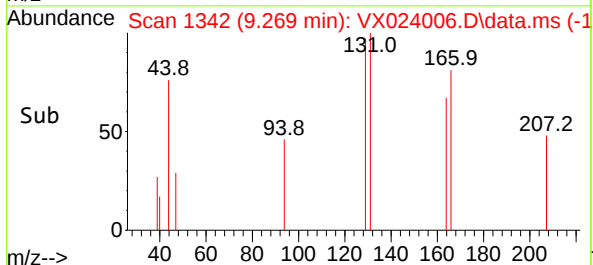
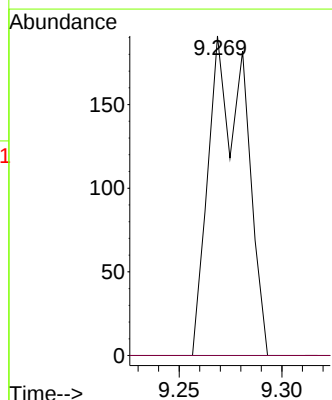
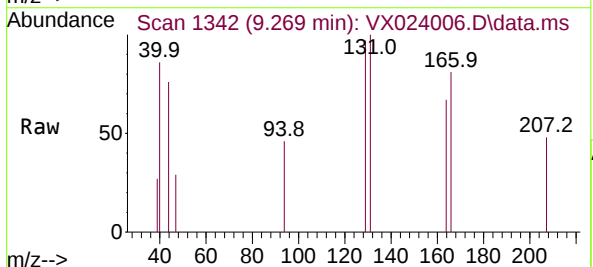
Instrument :
MSVOA_X
ClientSampled :
VX0830MBL01

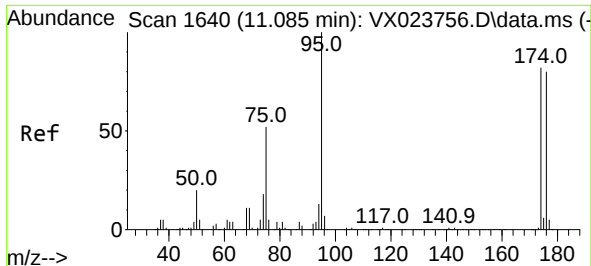
Tgt Ion: 69 Resp: 21
Ion Ratio Lower Upper
69 100
41 104.8 46.8 70.2#
39 238.1 24.7 37.1#



#60
Dibromochloromethane
Concen: 1.778 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

Tgt Ion: 129 Resp: 236
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

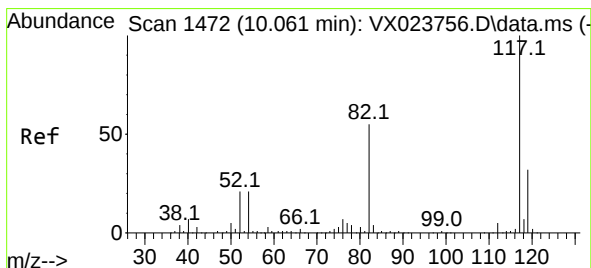
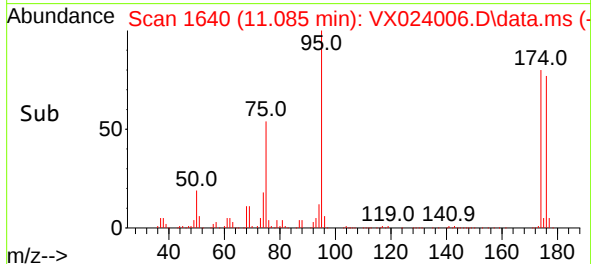
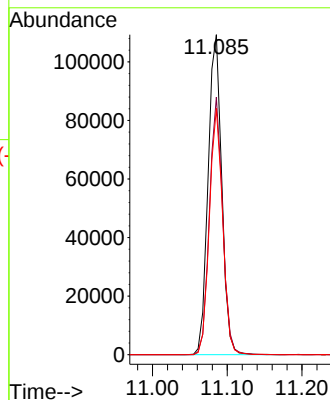
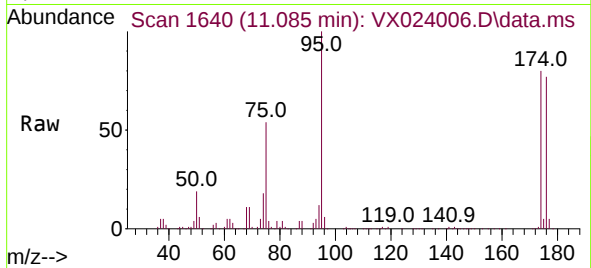




#62
4-Bromofluorobenzene
Concen: 47.487 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

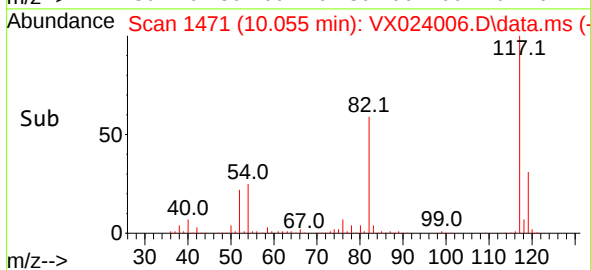
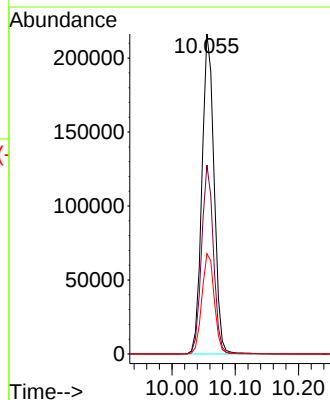
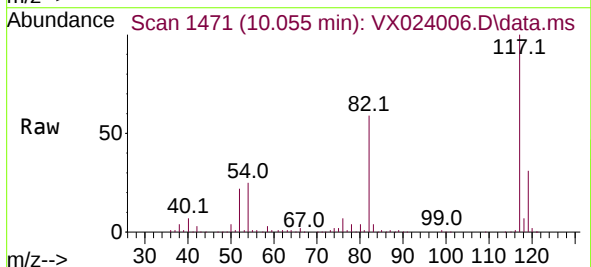
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBL01

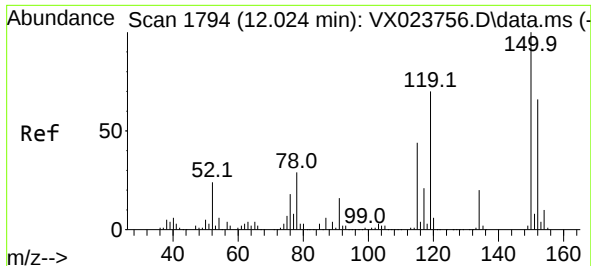
Tgt Ion: 95 Resp: 138245
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 74.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

Tgt Ion: 117 Resp: 289189
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.4 26.6 39.8

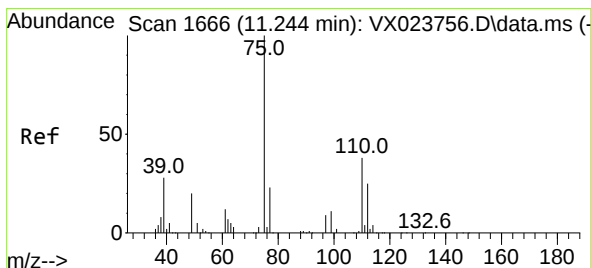
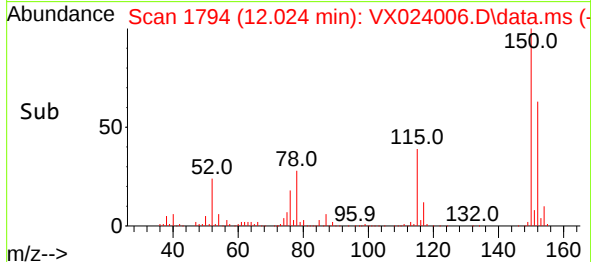
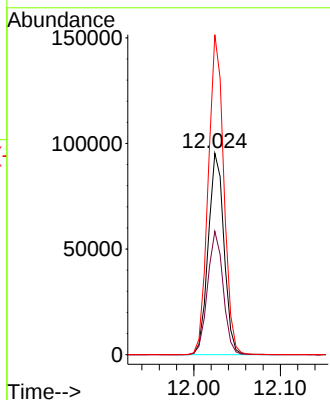
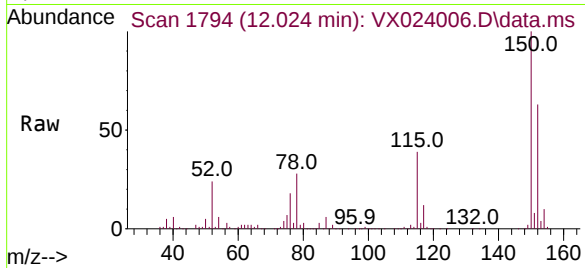




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024006.D
 Acq: 30 Aug 2021 10:13

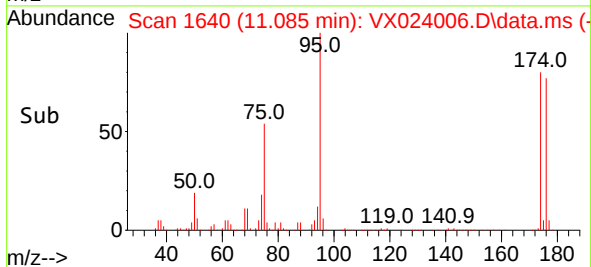
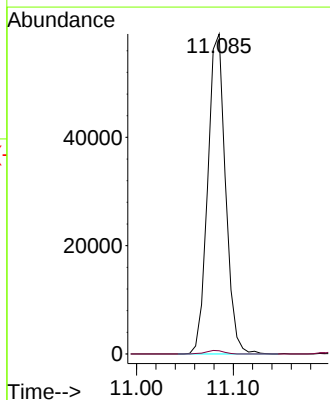
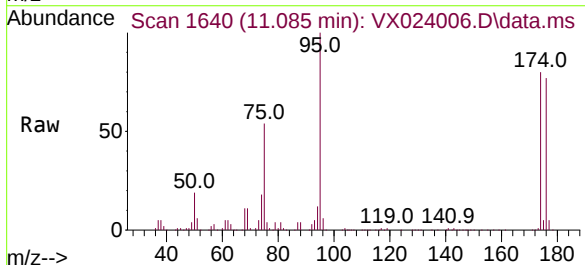
Instrument :
 MSVOA_X
 ClientSampled :
 VX0830MBL01

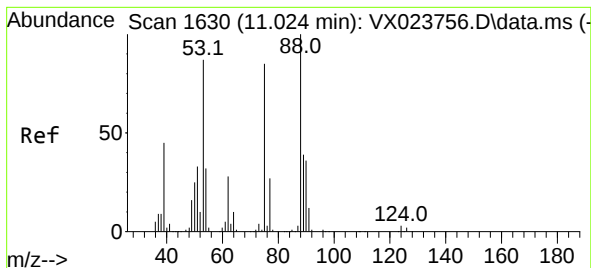
Tgt Ion:152 Resp: 120051
 Ion Ratio Lower Upper
 152 100
 115 60.7 41.1 123.3
 150 157.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.976 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024006.D
 Acq: 30 Aug 2021 10:13

Tgt Ion: 75 Resp: 75546
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

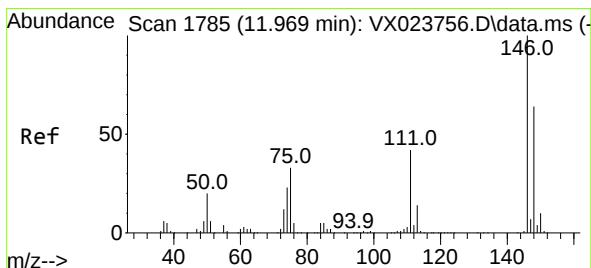
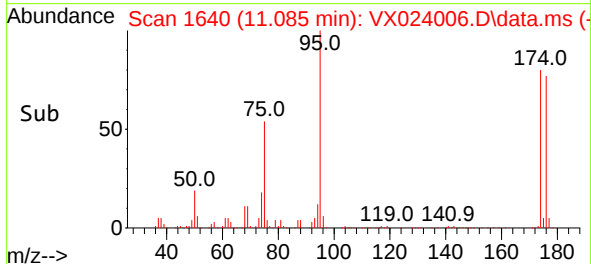
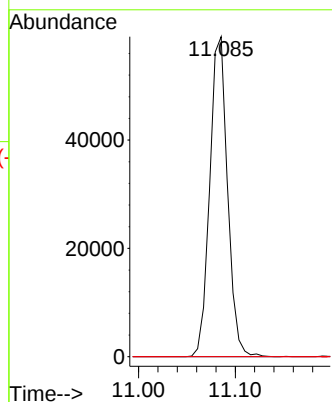
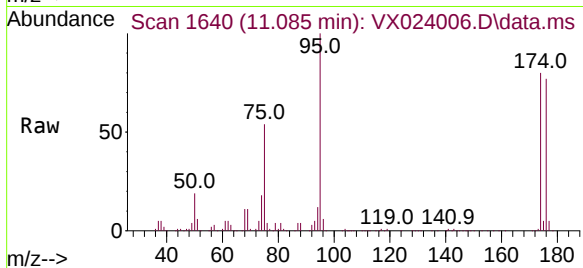




#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.351 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024006.D
 Acq: 30 Aug 2021 10:13

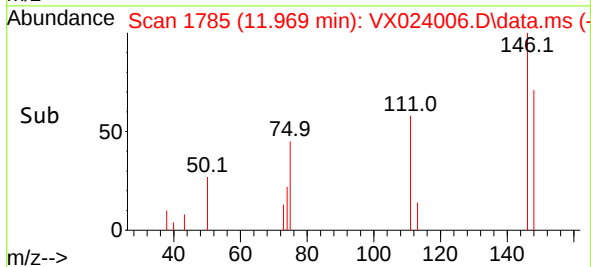
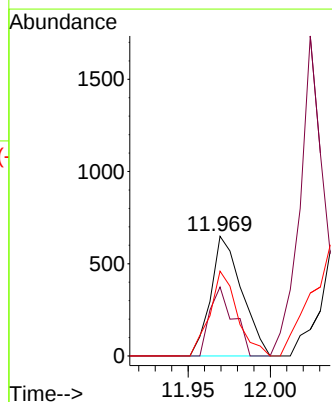
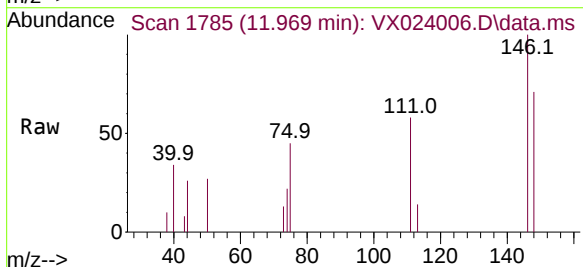
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBL01

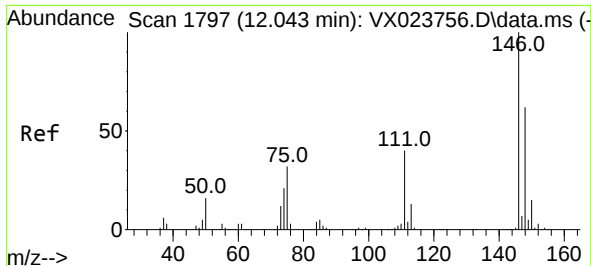
Tgt Ion: 75 Resp: 75546
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#



#87
 1,3-Dichlorobenzene
 Concen: 0.208 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX024006.D
 Acq: 30 Aug 2021 10:13

Tgt Ion:146 Resp: 848
 Ion Ratio Lower Upper
 146 100
 111 44.2 20.2 60.5
 148 63.2 31.9 95.7

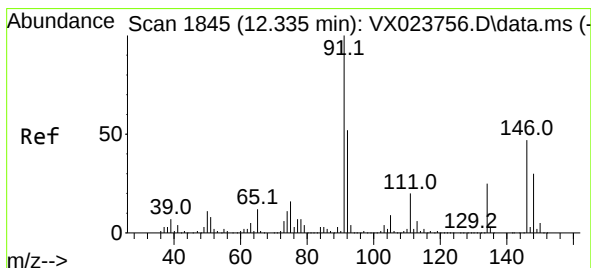
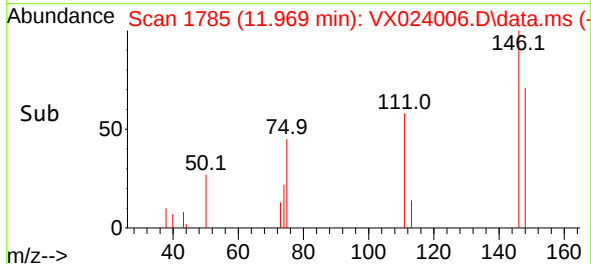
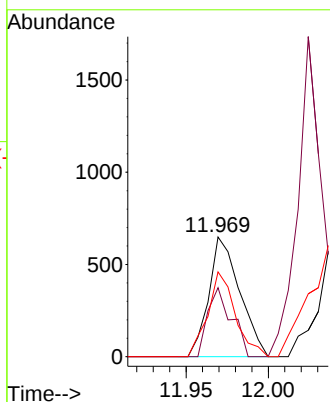
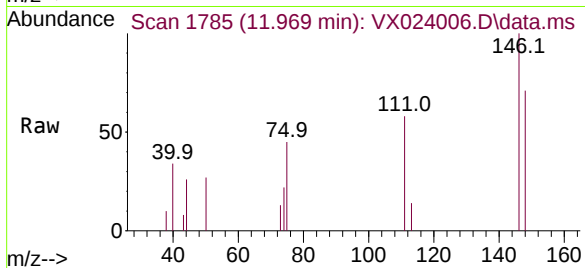




#88
1,4-Dichlorobenzene
Concen: 0.208 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.074 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

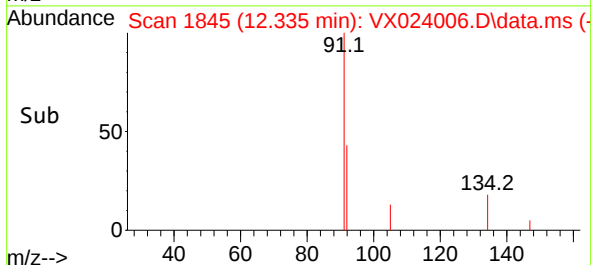
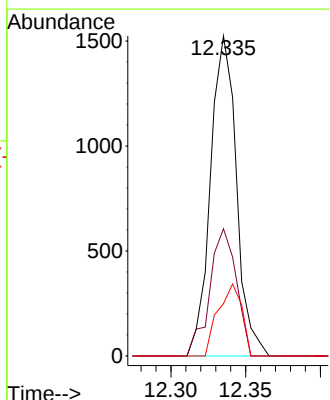
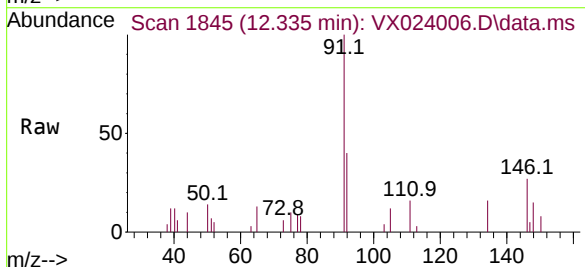
Instrument :
MSVOA_X
ClientSampled :
VX0830MBL01

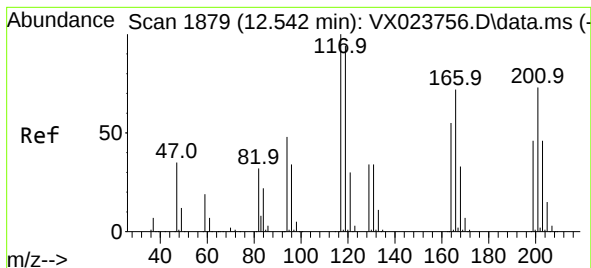
Tgt Ion:146 Resp: 848
Ion Ratio Lower Upper
146 100
111 44.2 19.6 58.8
148 63.2 31.6 95.0



#89
n-Butylbenzene
Concen: 0.271 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

Tgt Ion: 91 Resp: 1843
Ion Ratio Lower Upper
91 100
92 40.6 27.4 82.0
134 20.5 13.2 39.5

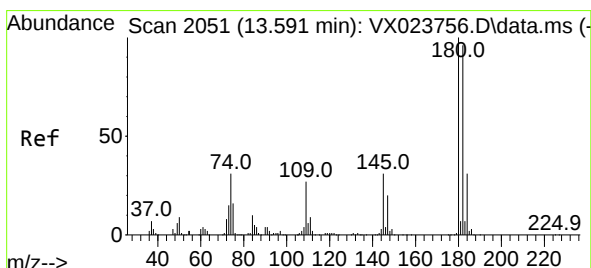
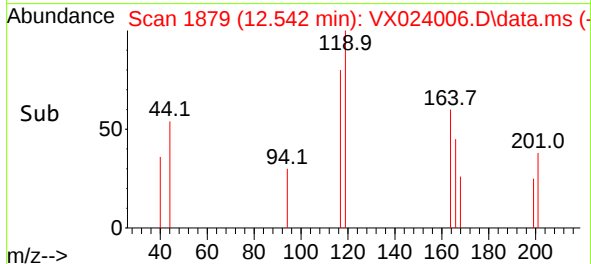
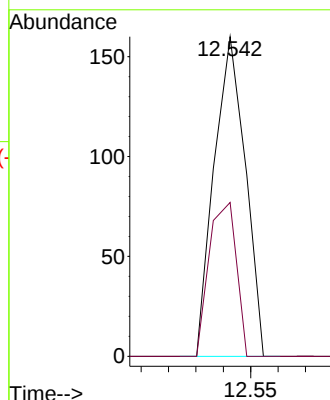
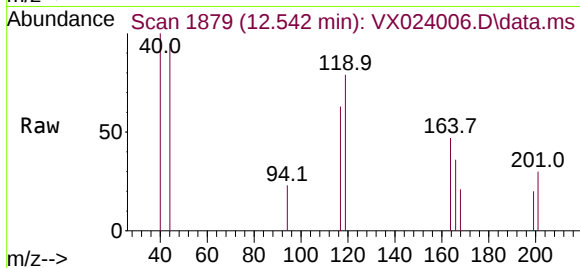




#90
Hexachloroethane
Concen: 1.558 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

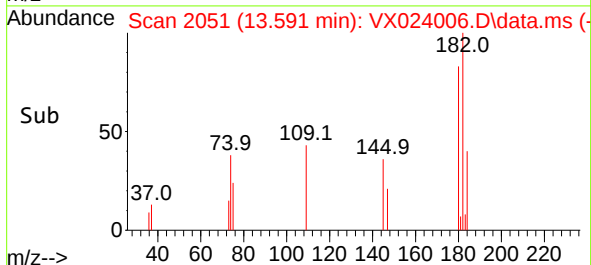
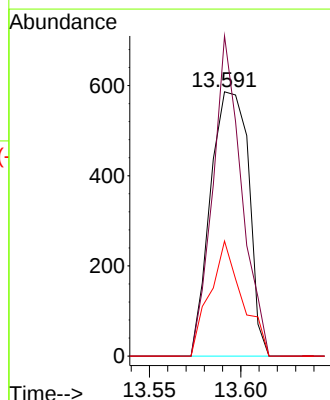
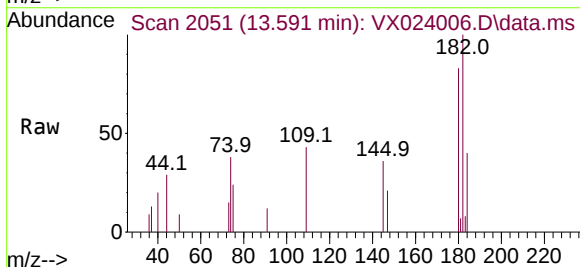
Instrument :
MSVOA_X
ClientSampled :
VX0830MBL01

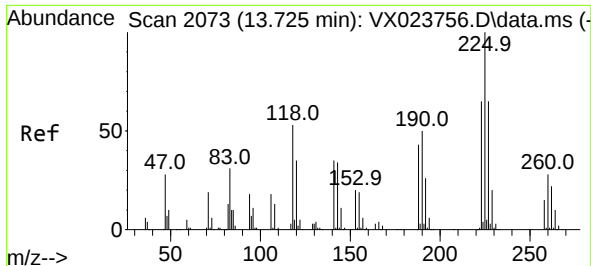
Tgt Ion:117 Resp: 126
Ion Ratio Lower Upper
117 100
201 42.1 40.4 121.2



#93
1,2,4-Trichlorobenzene
Concen: 0.357 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

Tgt Ion:180 Resp: 850
Ion Ratio Lower Upper
180 100
182 91.8 47.7 143.1
145 37.2 15.0 45.0

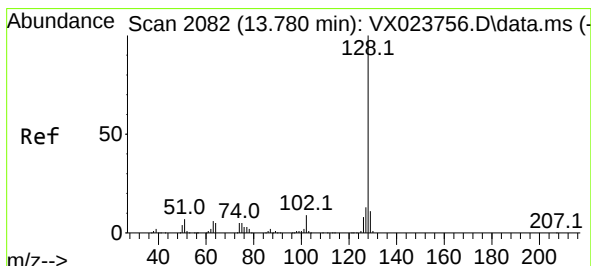
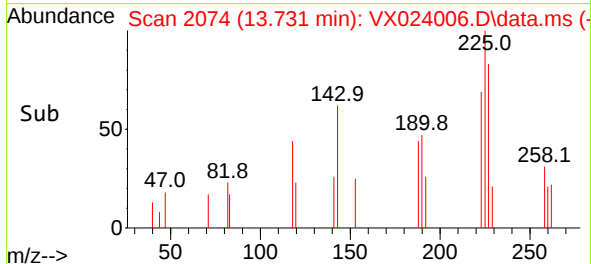
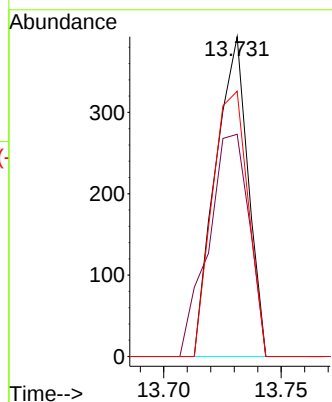
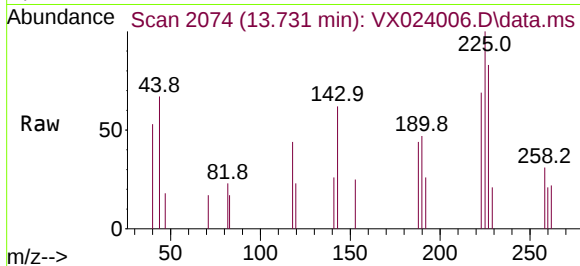




#94
Hexachlorobutadiene
Concen: 0.356 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

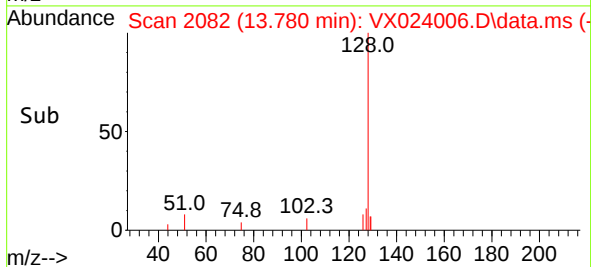
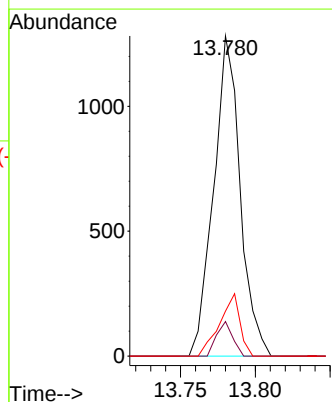
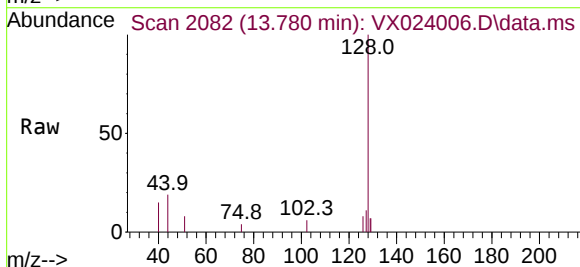
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBL01

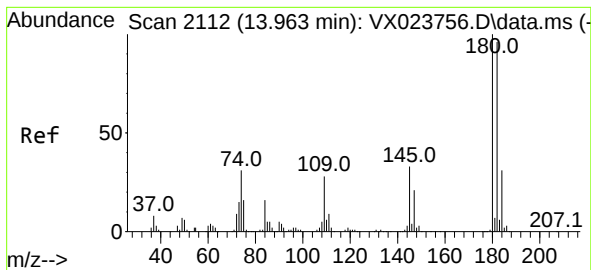
Tgt Ion:225 Resp: 377
Ion Ratio Lower Upper
225 100
223 87.5 31.1 93.2
227 91.5 31.6 95.0



#95
Naphthalene
Concen: 1.458 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024006.D
Acq: 30 Aug 2021 10:13

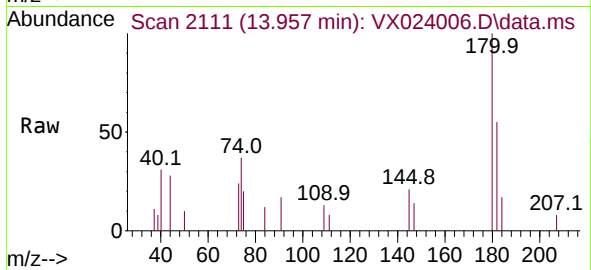
Tgt Ion:128 Resp: 1578
Ion Ratio Lower Upper
128 100
127 6.5 10.3 15.5#
129 15.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.361 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX024006.D
 Acq: 30 Aug 2021 10:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBL01



Tgt Ion:	180	Resp:	855
Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.9
145	26.8	16.1	48.3

