

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024030.D
 Acq On : 31 Aug 2021 09:34
 Operator : JC/MD
 Sample : VX0831MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831MBL01

Quant Time: Sep 01 04:57:33 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)

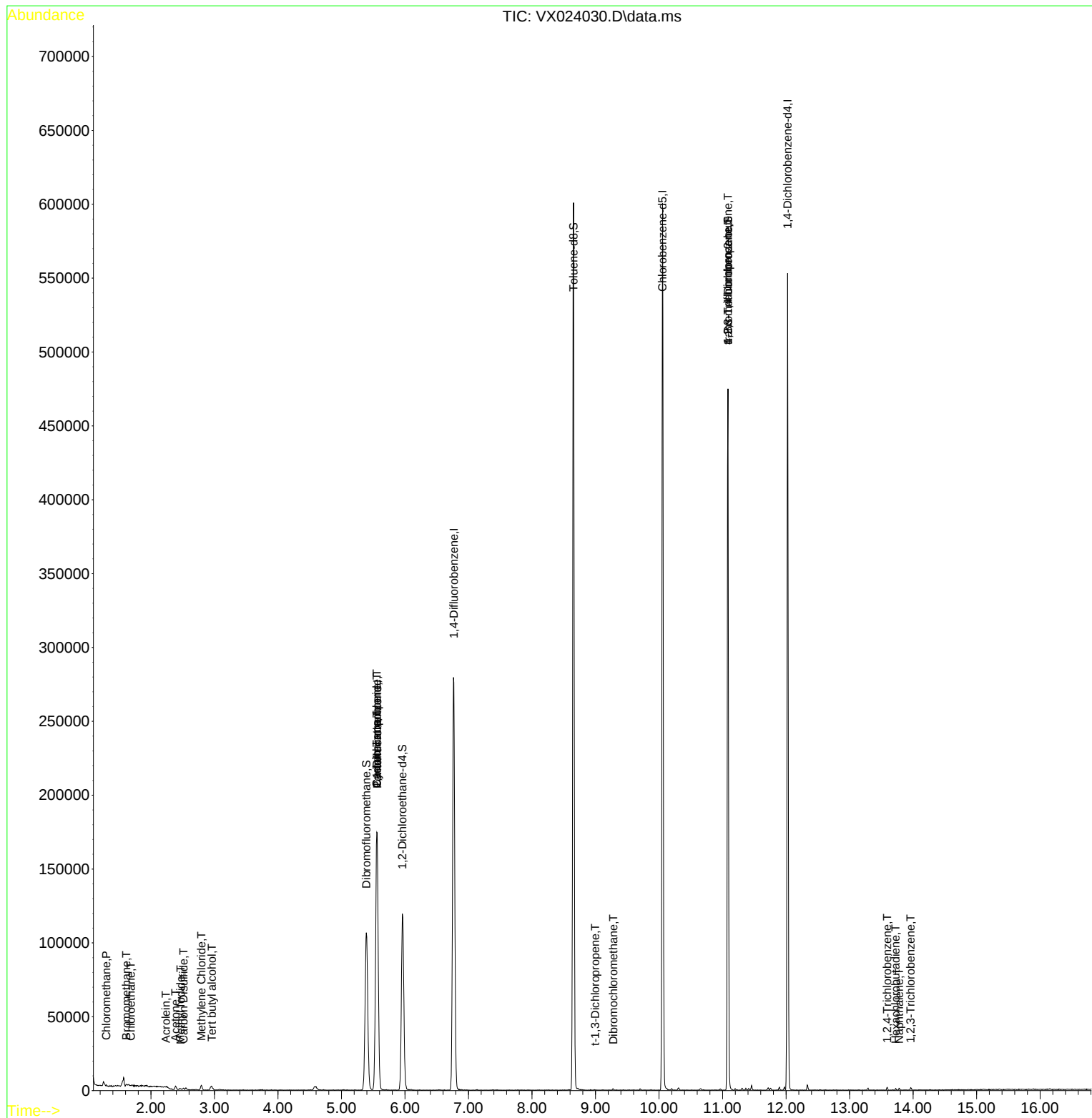
Internal Standards						
1) Pentafluorobenzene	5.562	168	163251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	277801	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	120836	53.034	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 106.060%		
35) Dibromofluoromethane	5.391	113	92955	50.555	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 101.100%		
50) Toluene-d8	8.653	98	341824	48.845	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 97.680%		
62) 4-Bromofluorobenzene	11.085	95	123138	47.798	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 95.600%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	406	0.215	ug/l	98
5) Bromomethane	1.611	94	492	0.424	ug/l #	69
6) Chloroethane	1.684	64	327	2.420	ug/l #	43
10) Methyl Iodide	2.465	142	1078	0.472	ug/l #	89
11) Tert butyl alcohol	2.959	59	1821	3.952	ug/l #	73
13) Acrolein	2.233	56	210	0.766	ug/l #	64
16) Acetone	2.385	43	2269	2.227	ug/l	93
17) Carbon Disulfide	2.514	76	1413	0.378	ug/l #	86
20) Methylene Chloride	2.794	84	1396	0.717	ug/l #	78
31) Cyclohexane	5.556	56	3681	1.257	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	13308	5.173	ug/l #	50
38) Carbon Tetrachloride	5.556	117	17762	6.621	ug/l #	17
53) t-1,3-Dichloropropene	8.994	75	167	2.186	ug/l #	44
60) Dibromochloromethane	9.281	129	185	1.768	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	66139	26.680	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	66139	78.482	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	611	0.290	ug/l	96
94) Hexachlorobutadiene	13.725	225	355	0.378	ug/l	74
95) Naphthalene	13.780	128	813	1.384	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	634	0.302	ug/l	88

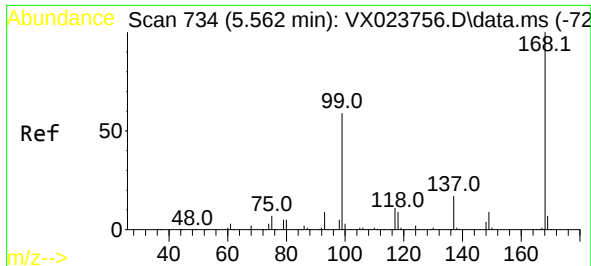
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 01 04:57:33 2021
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Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

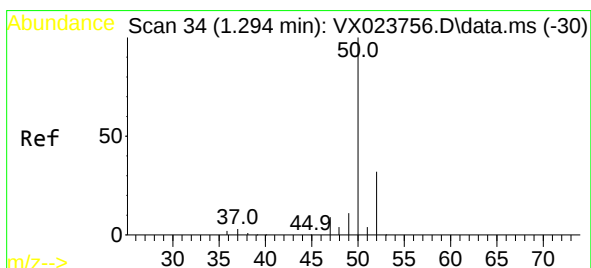
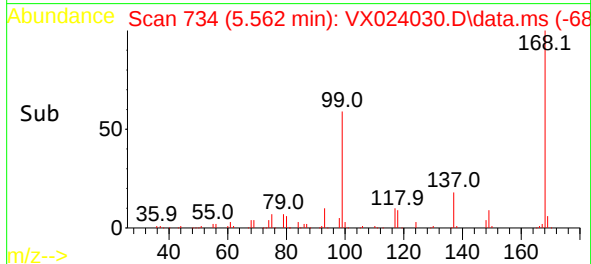
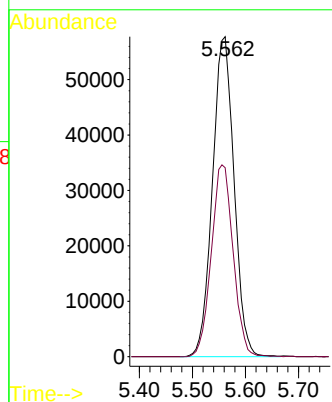
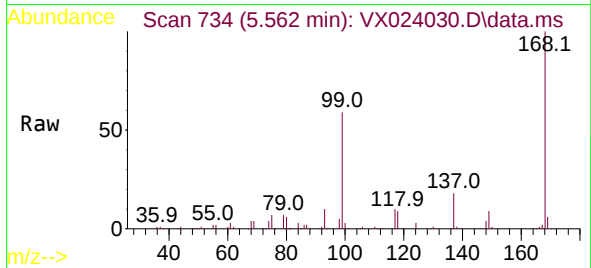




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

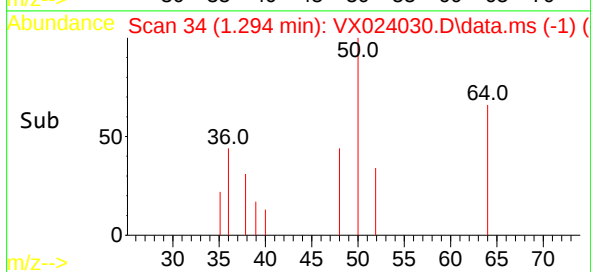
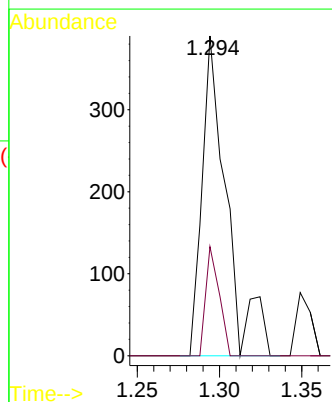
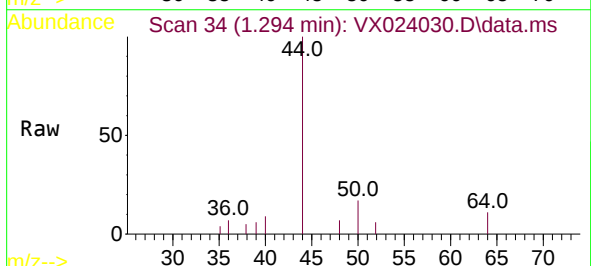
Instrument :
MSVOA_X
ClientSampleId :
VX0831MBL01

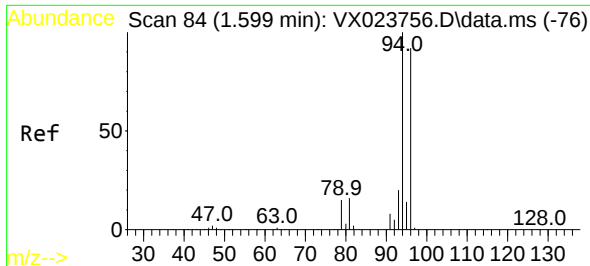
Tgt Ion:168 Resp: 163251
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

Tgt Ion: 50 Resp: 406
Ion Ratio Lower Upper
50 100
52 34.1 26.4 39.6

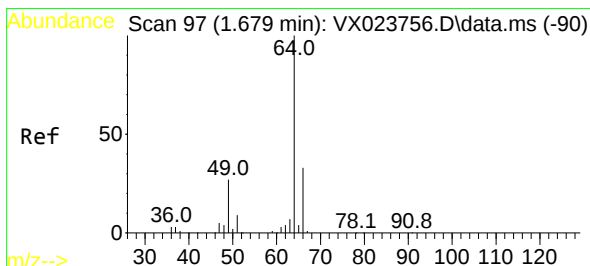
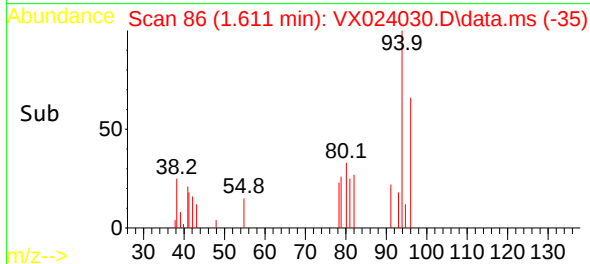
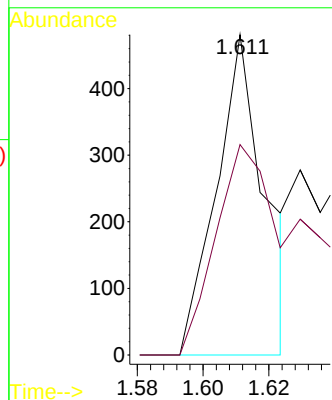
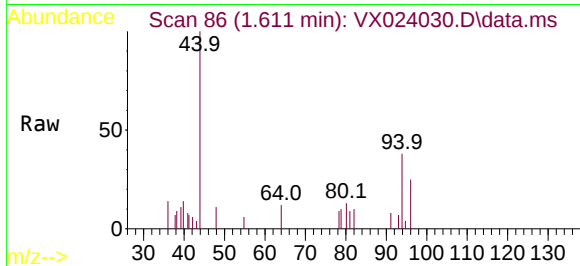




#5
Bromomethane
Concen: 0.424 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

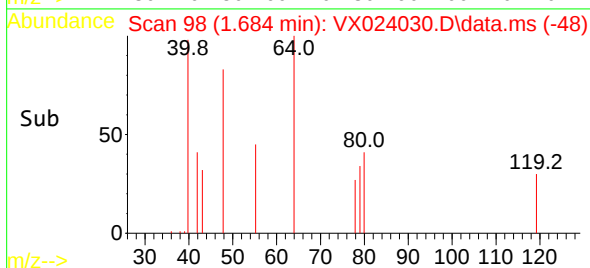
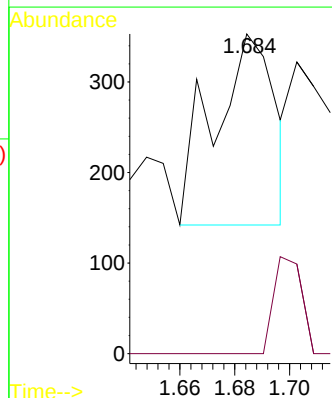
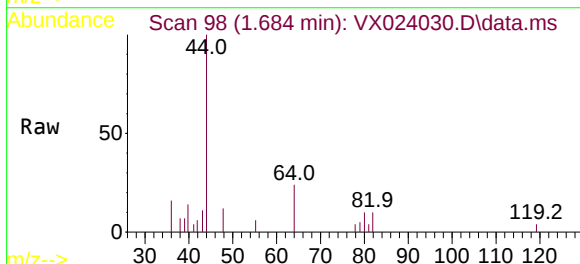
Instrument :
MSVOA_X
ClientSampled :
VX0831MBL01

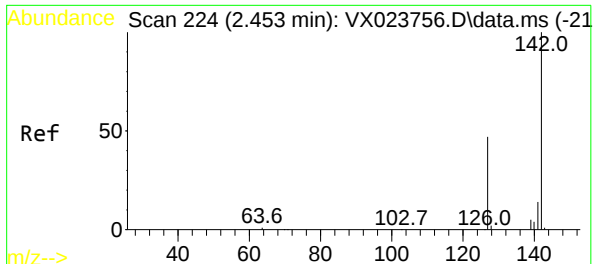
Tgt Ion: 94 Resp: 492
Ion Ratio Lower Upper
94 100
96 65.7 76.4 114.6#



#6
Chloroethane
Concen: 2.420 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

Tgt Ion: 64 Resp: 327
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

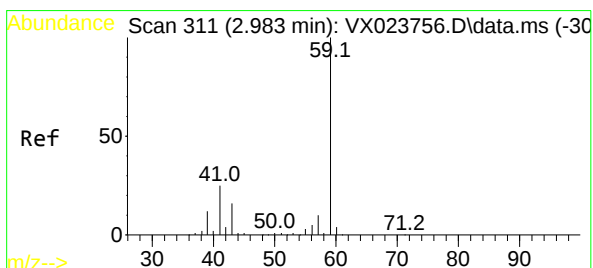
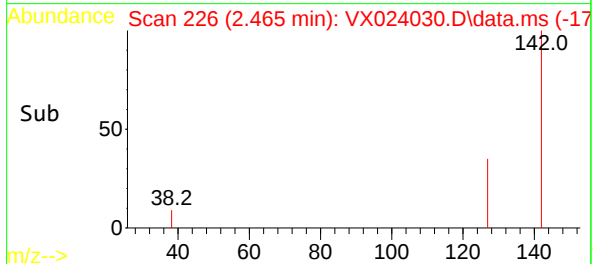
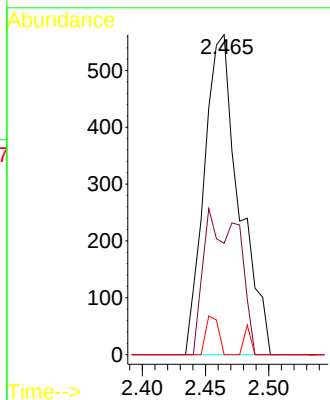
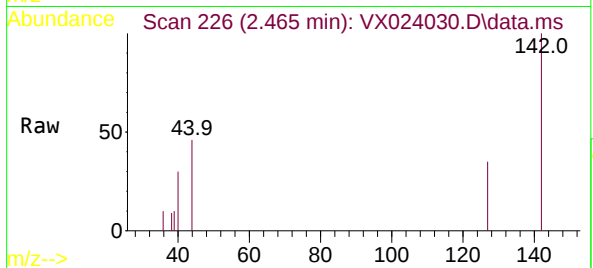




#10
Methyl Iodide
Concen: 0.472 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

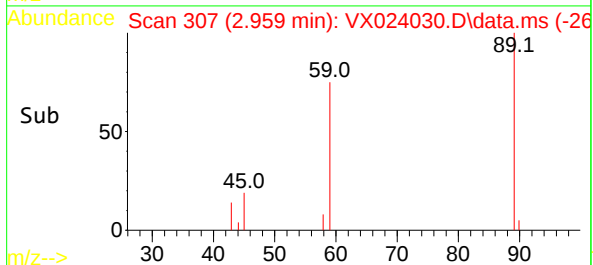
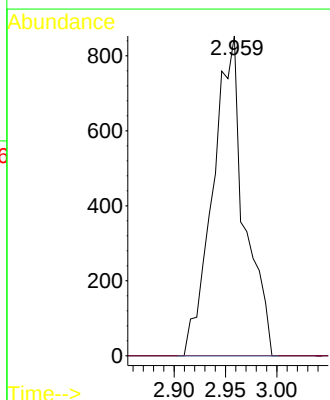
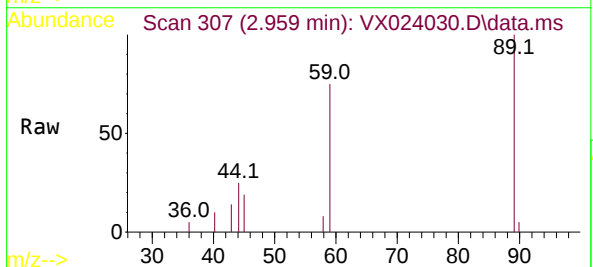
Instrument :
MSVOA_X
ClientSampleId :
VX0831MBL01

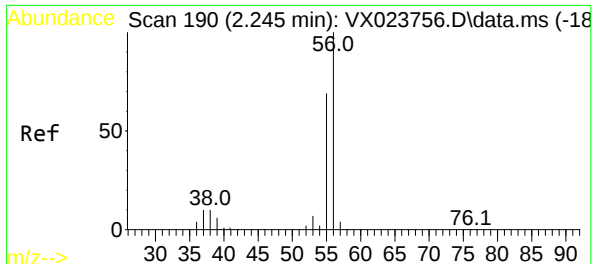
Tgt Ion:142 Resp: 1078
Ion Ratio Lower Upper
142 100
127 45.6 33.3 49.9
141 4.4 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.952 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

Tgt Ion: 59 Resp: 1821
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

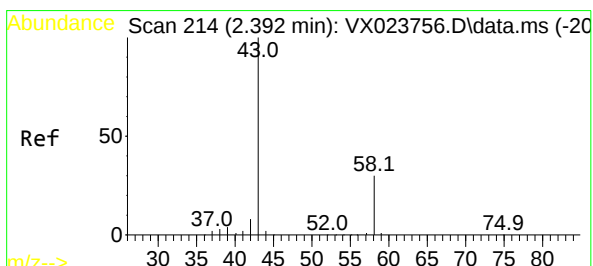
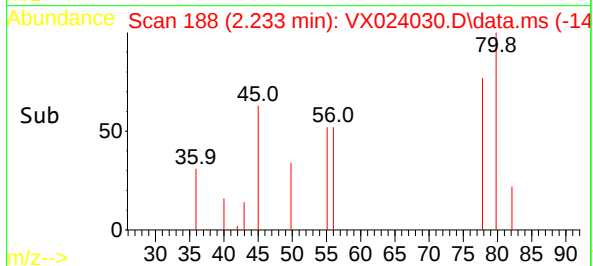
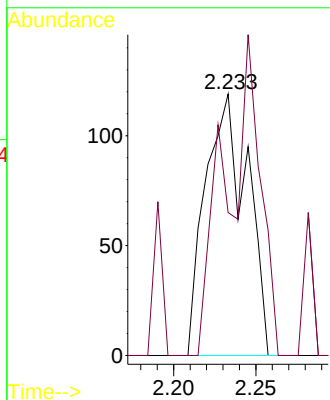
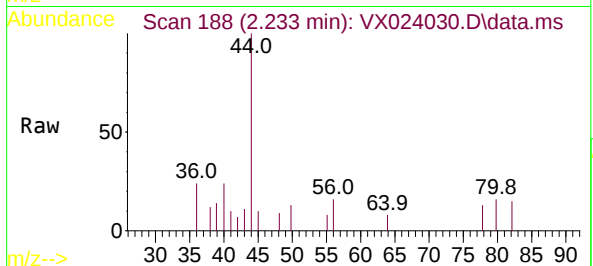




#13
Acrolein
Concen: 0.766 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

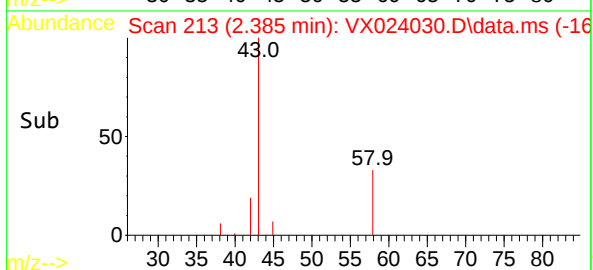
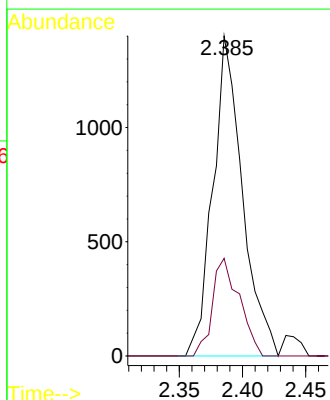
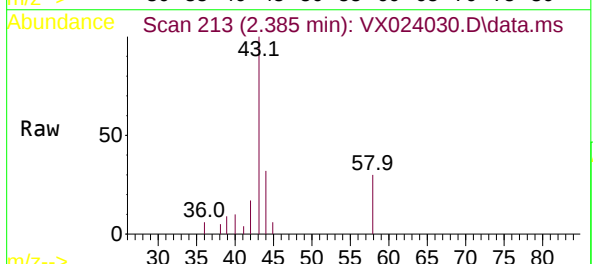
Instrument :
MSVOA_X
ClientSampleId :
VX0831MBL01

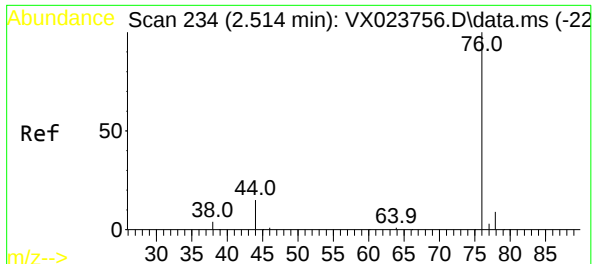
Tgt Ion: 56 Resp: 210
Ion Ratio Lower Upper
56 100
55 100.0 56.4 84.6#



#16
Acetone
Concen: 2.227 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

Tgt Ion: 43 Resp: 2269
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8

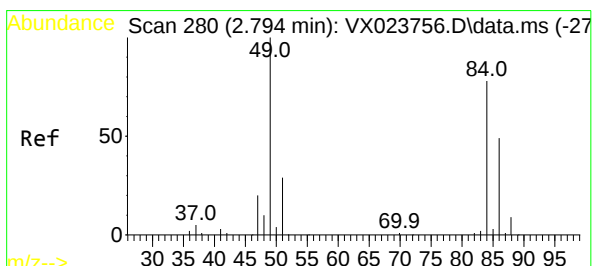
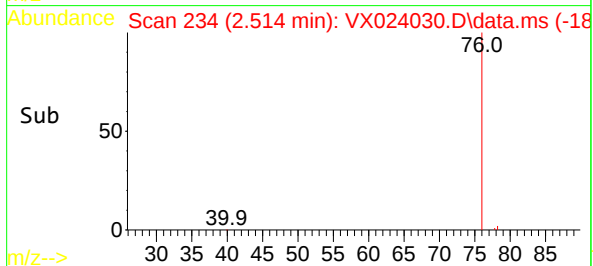
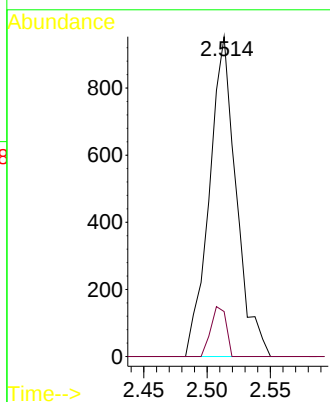
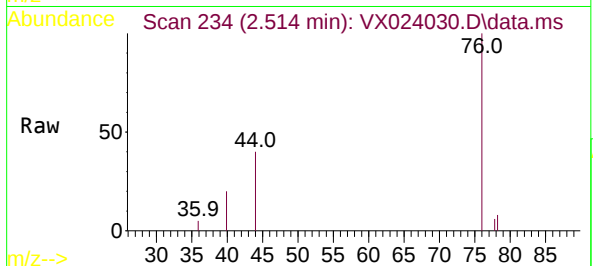




#17
Carbon Disulfide
Concen: 0.378 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

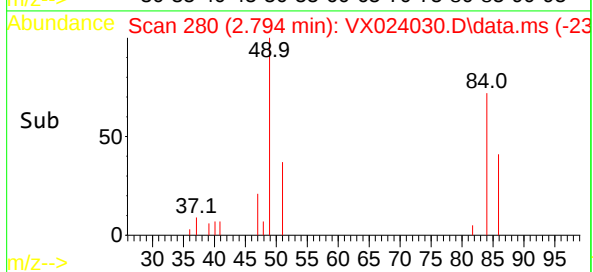
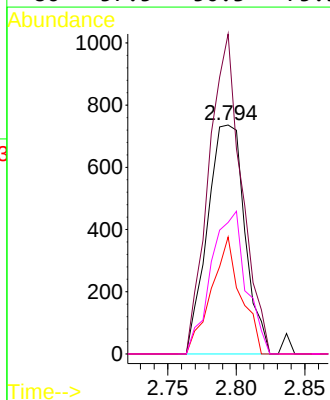
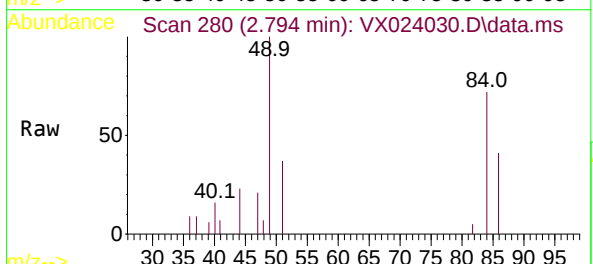
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MSVOA_X
ClientSampled :
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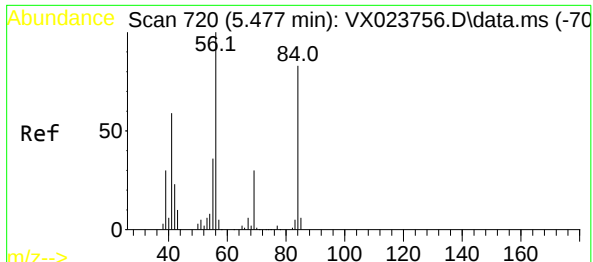
Tgt Ion: 76 Resp: 1413
Ion Ratio Lower Upper
76 100
78 14.1 7.2 10.8#



#20
Methylene Chloride
Concen: 0.717 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

Tgt Ion: 84 Resp: 1396
Ion Ratio Lower Upper
84 100
49 139.8 88.6 132.8#
51 51.1 27.0 40.6#
86 57.5 50.3 75.5

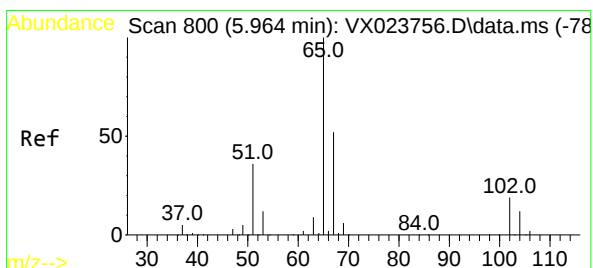
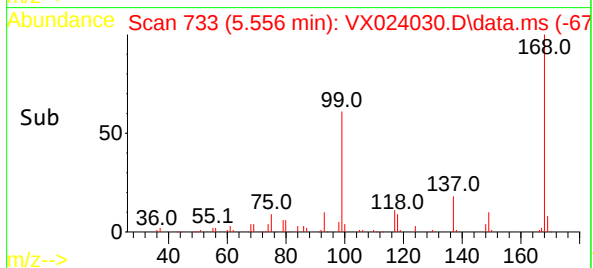
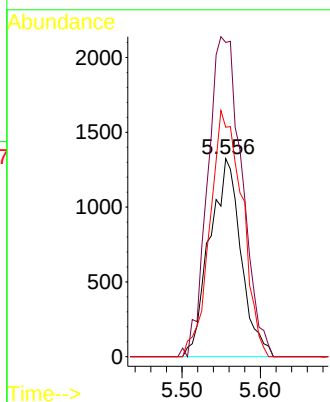
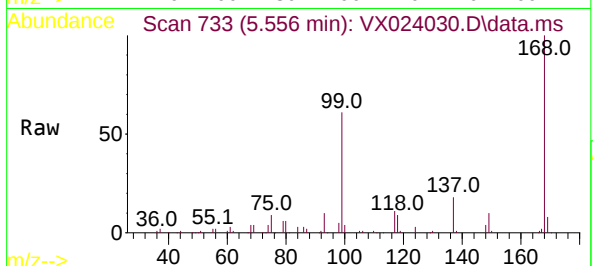




#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

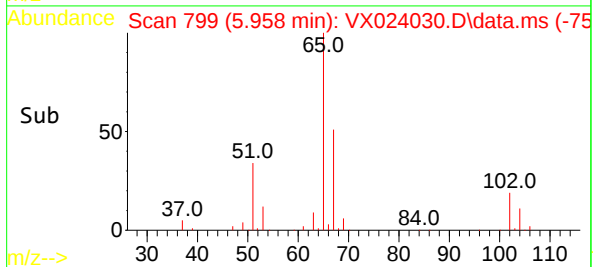
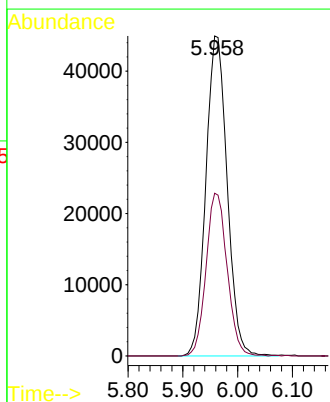
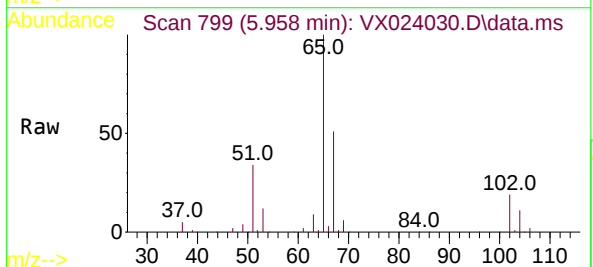
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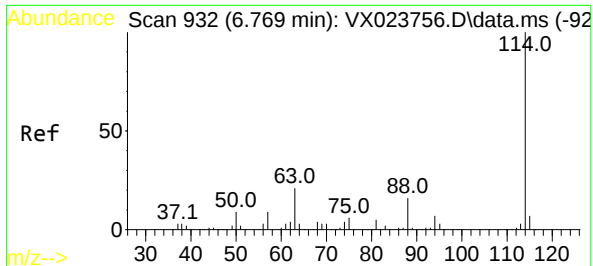
Tgt Ion: 56 Resp: 3681
Ion Ratio Lower Upper
56 100
69 158.6 25.3 37.9#
84 115.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.034 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

Tgt Ion: 65 Resp: 120836
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

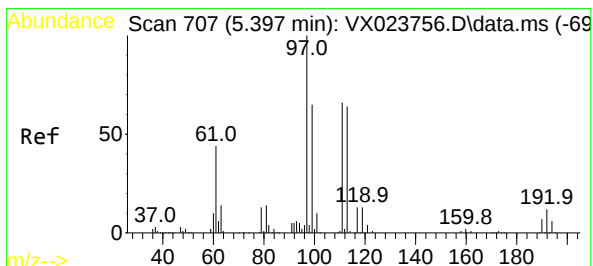
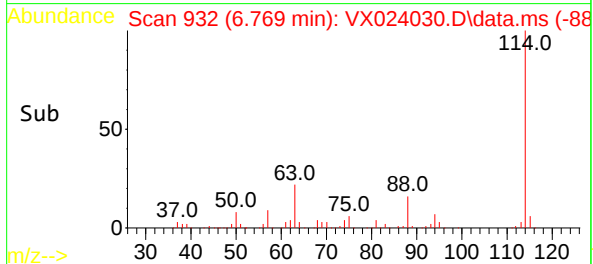
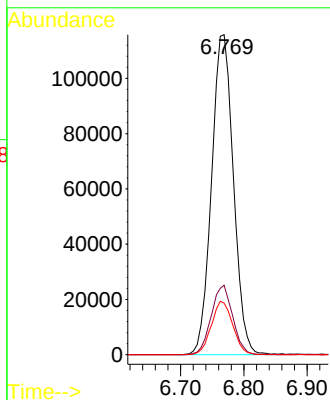
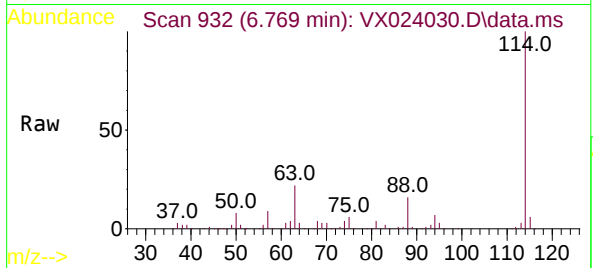




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

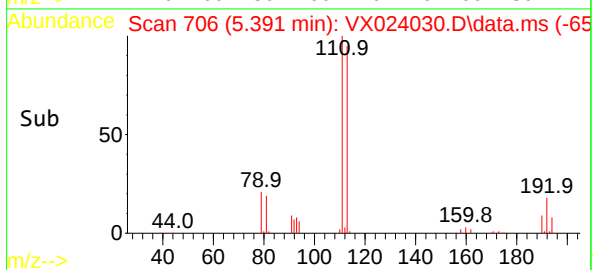
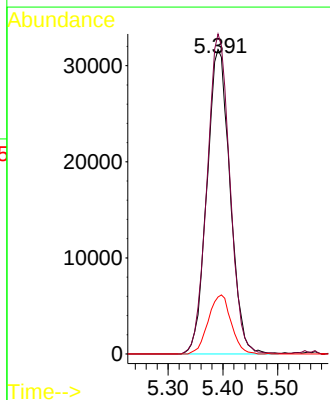
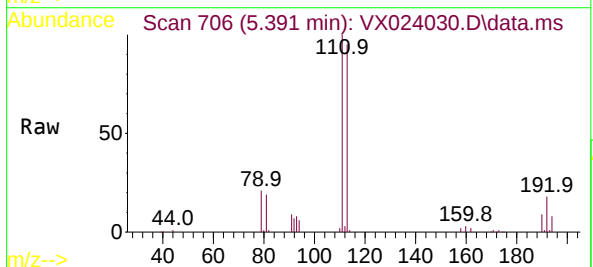
Instrument :
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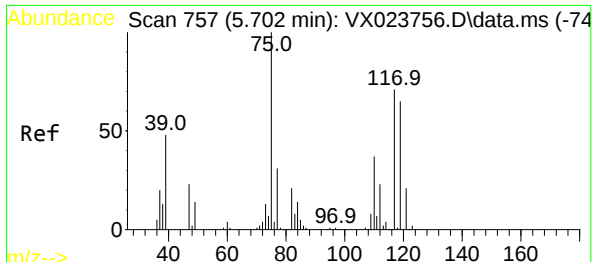
Tgt Ion:114 Resp: 277801
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.555 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

Tgt Ion:113 Resp: 92955
Ion Ratio Lower Upper
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111 103.4 81.9 122.9
192 19.1 16.7 25.1

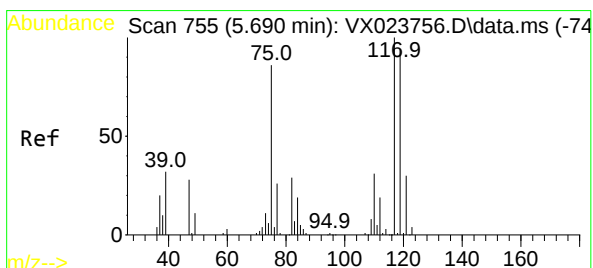
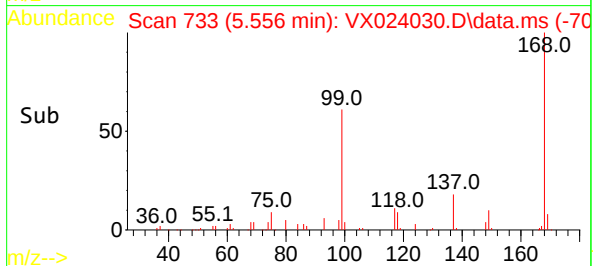
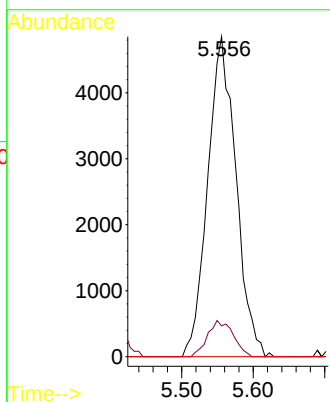
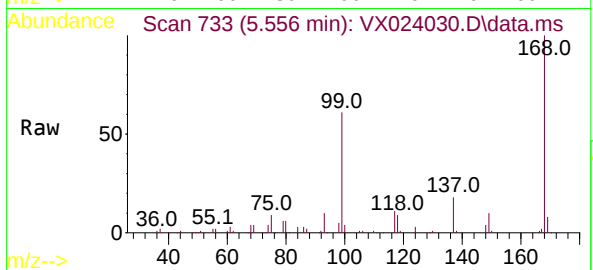




#36
1,1-Dichloropropene
Concen: 5.173 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

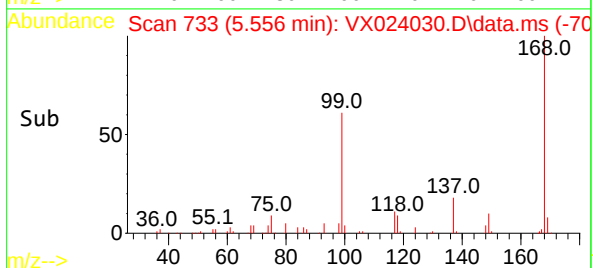
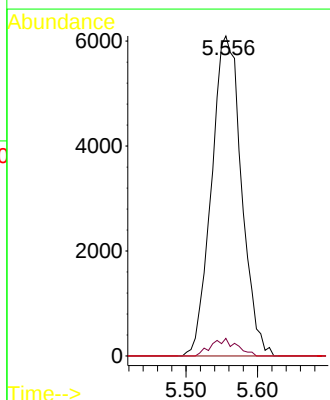
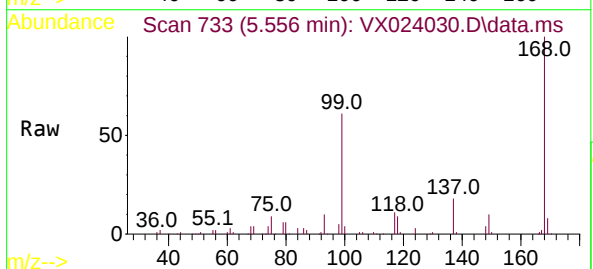
Instrument :
MSVOA_X
ClientSampleId :
VX0831MBL01

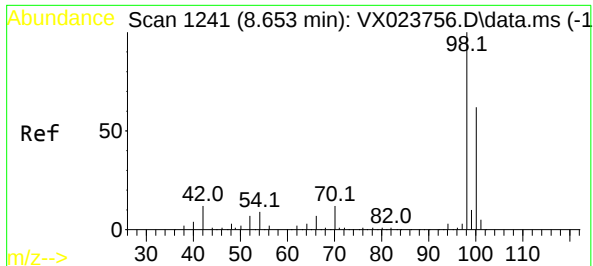
Tgt Ion: 75 Resp: 13308
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.621 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

Tgt Ion: 117 Resp: 17762
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

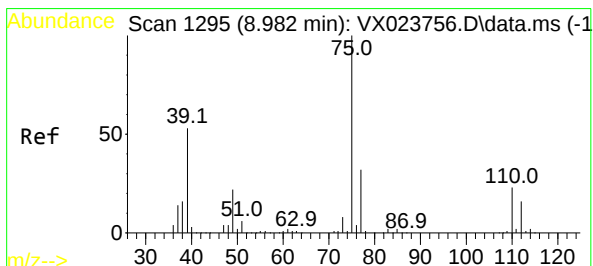
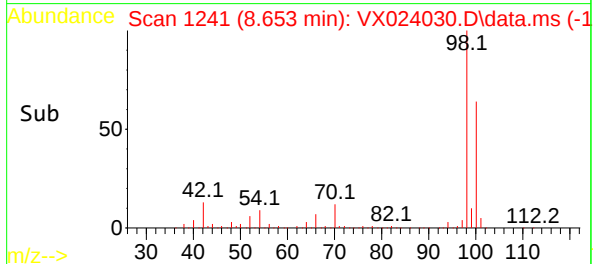
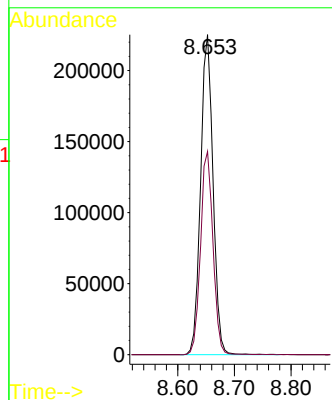
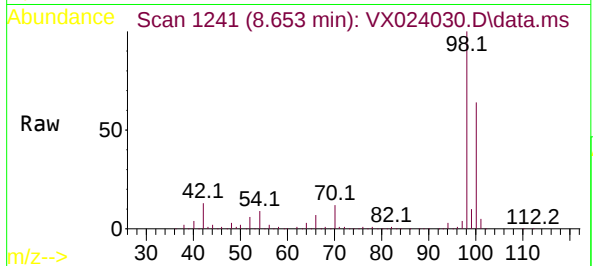




#50
Toluene-d8
Concen: 48.845 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

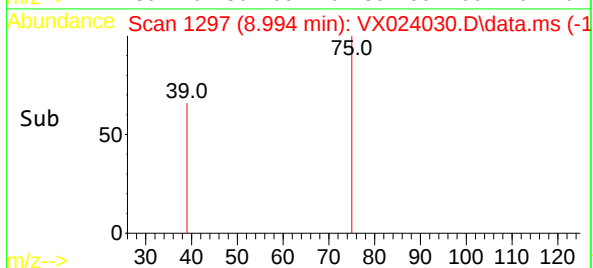
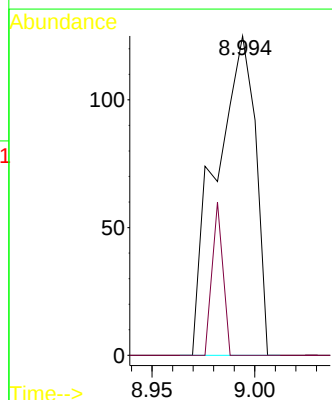
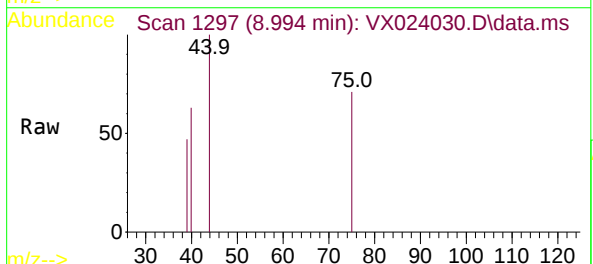
Instrument :
MSVOA_X
ClientSampleId :
VX0831MBL01

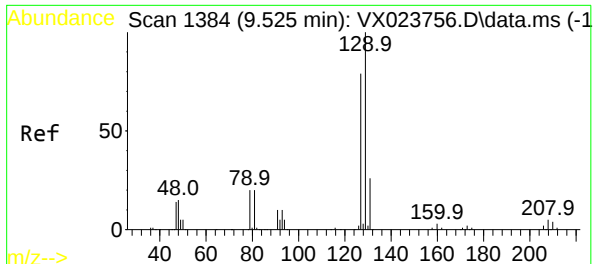
Tgt Ion: 98 Resp: 341824
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.186 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

Tgt Ion: 75 Resp: 167
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#





#60

Dibromochloromethane

Concen: 1.768 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX024030.D

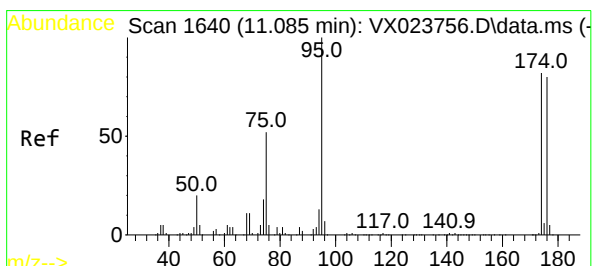
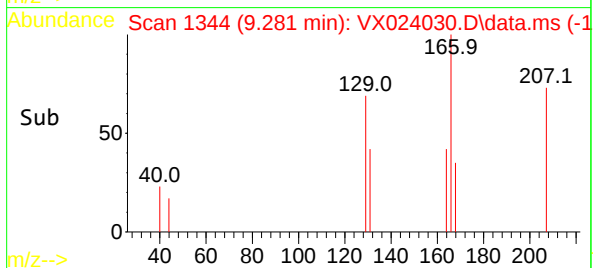
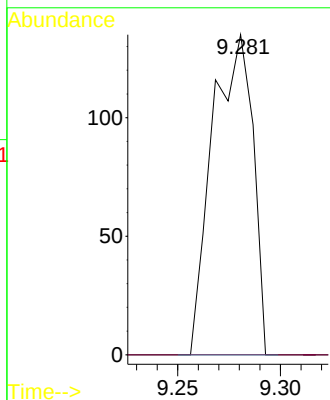
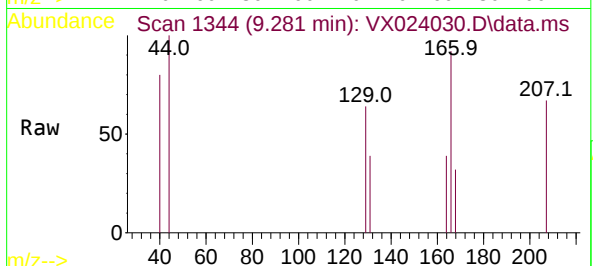
Acq: 31 Aug 2021 09:34

Tgt Ion:129 Resp: 185

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 47.798 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024030.D

Acq: 31 Aug 2021 09:34

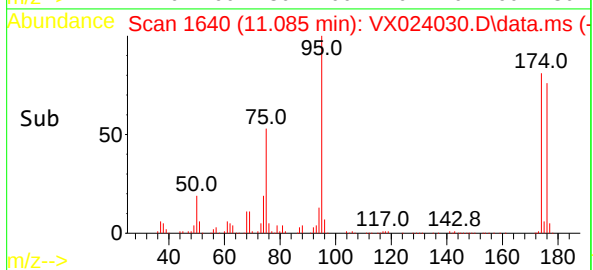
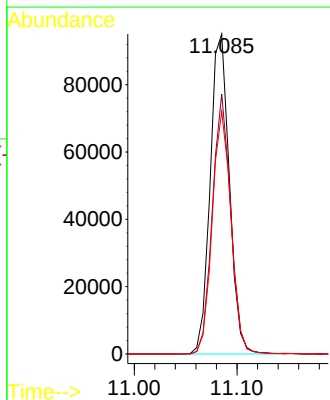
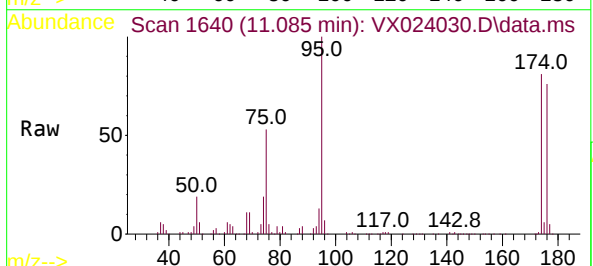
Tgt Ion: 95 Resp: 123138

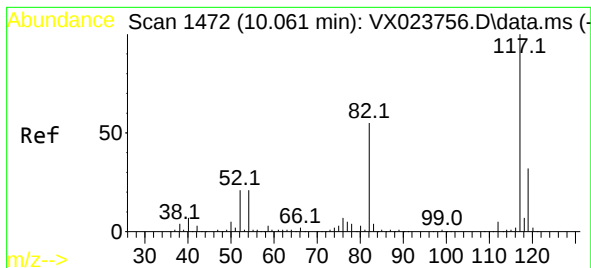
Ion Ratio Lower Upper

95 100

174 77.7 0.0 154.6

176 74.3 0.0 155.8

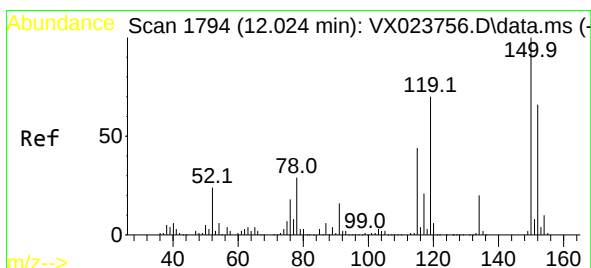
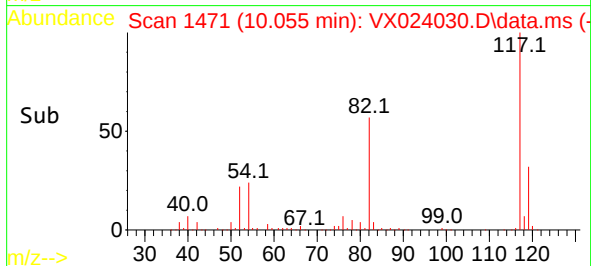
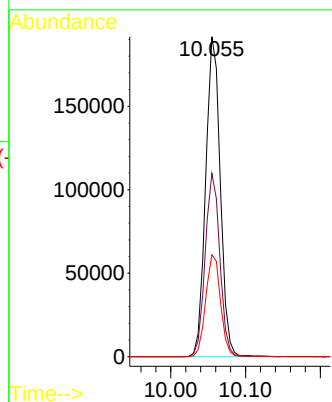
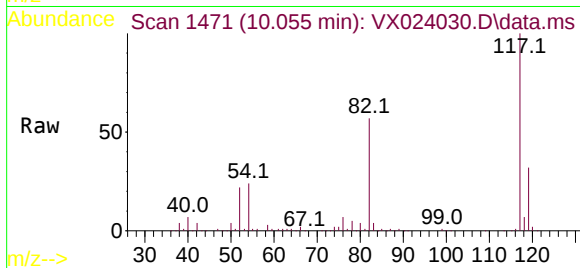




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

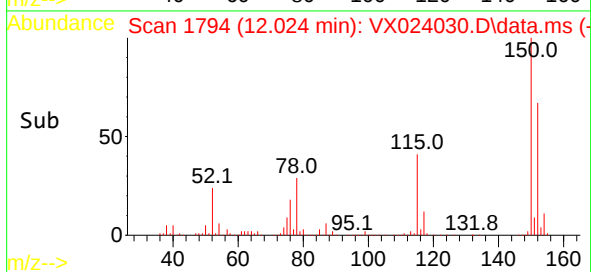
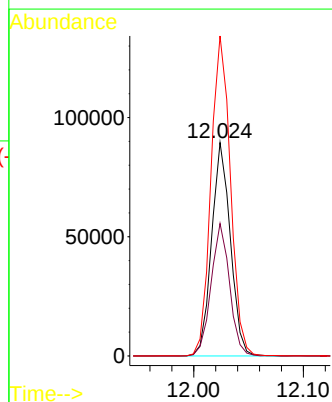
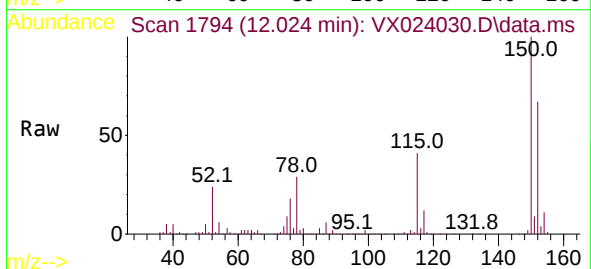
Instrument :
MSVOA_X
ClientSampleId :
VX0831MBL01

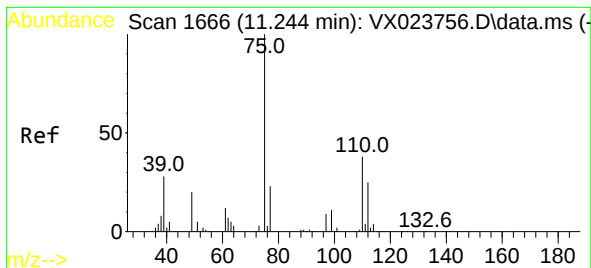
Tgt Ion:117 Resp: 260033
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

Tgt Ion:152 Resp: 106267
Ion Ratio Lower Upper
152 100
115 61.3 41.1 123.3
150 156.0 0.0 349.0

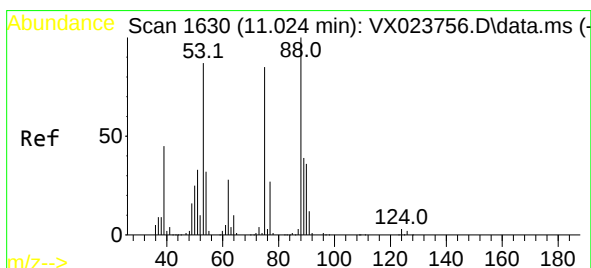
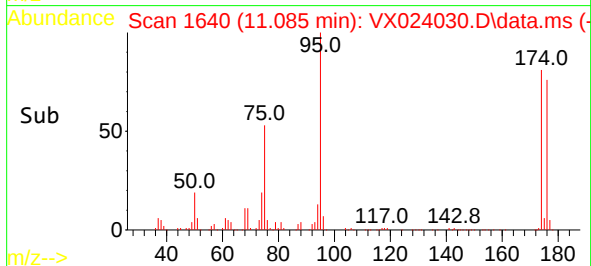
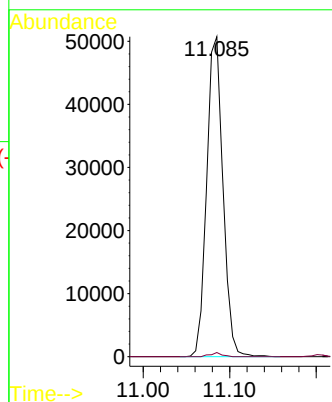
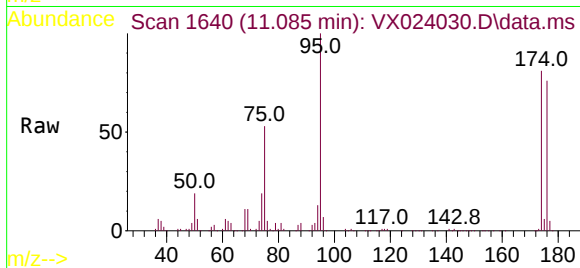




#76
1,2,3-Trichloropropane
Concen: 26.680 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

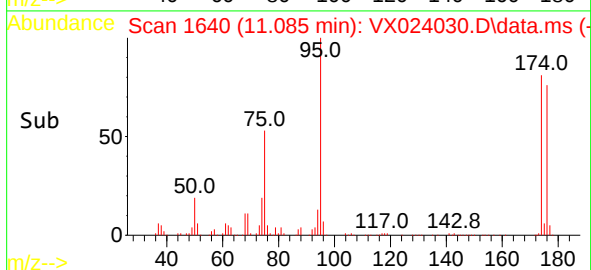
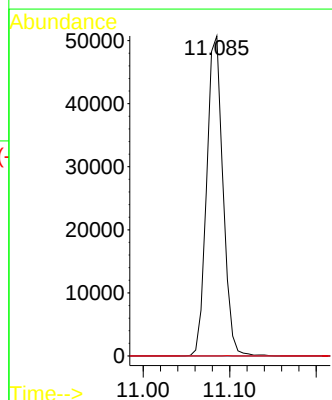
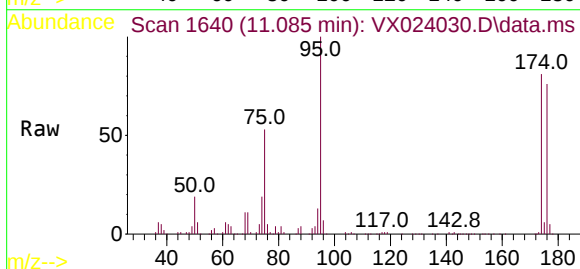
Instrument :
MSVOA_X
ClientSampleId :
VX0831MBL01

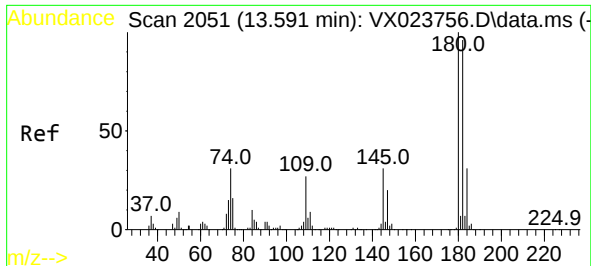
Tgt Ion: 75 Resp: 66139
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.482 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

Tgt Ion: 75 Resp: 66139
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

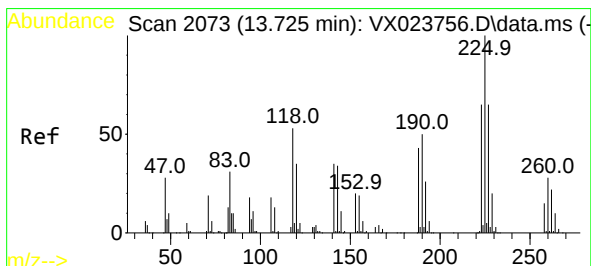
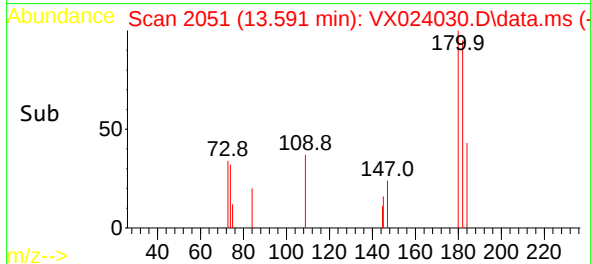
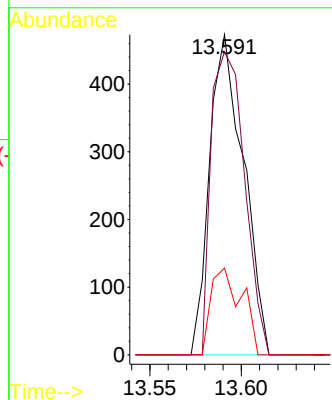
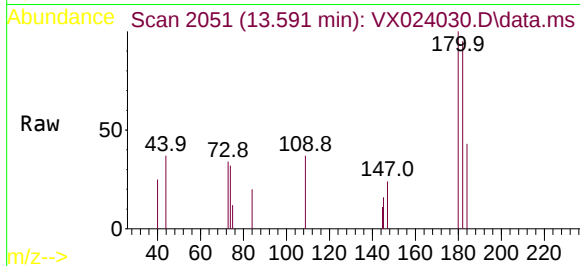




#93
1,2,4-Trichlorobenzene
Concen: 0.290 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

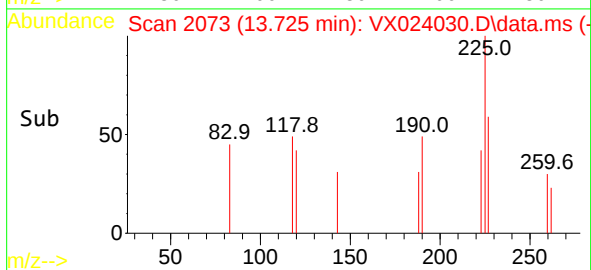
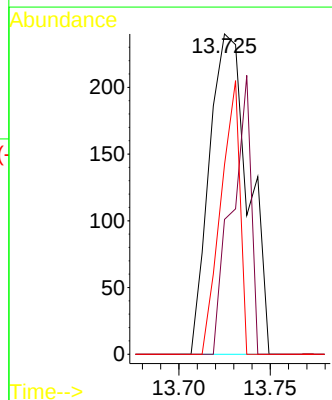
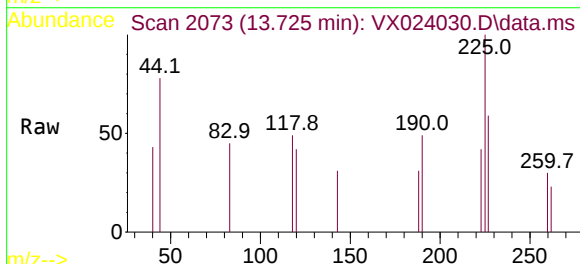
Instrument :
MSVOA_X
ClientSampleId :
VX0831MBL01

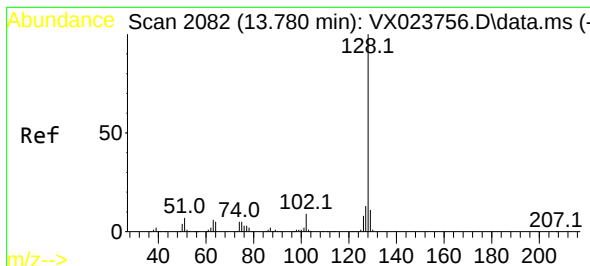
Tgt Ion:180	Resp:	611
Ion Ratio	Lower	Upper
180	100	
182	93.3	47.7 143.1
145	24.5	15.0 45.0



#94
Hexachlorobutadiene
Concen: 0.378 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

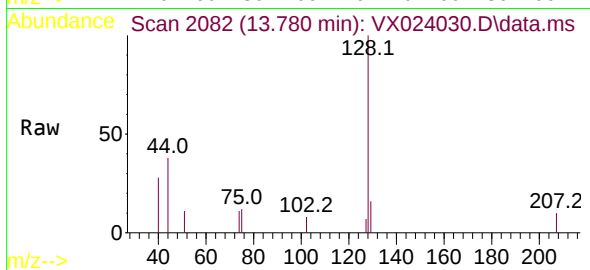
Tgt Ion:225	Resp:	355
Ion Ratio	Lower	Upper
225	100	
223	43.1	31.1 93.2
227	42.0	31.6 95.0



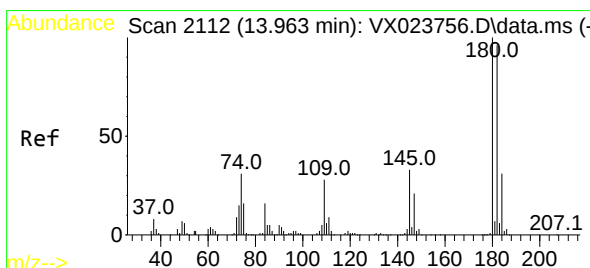
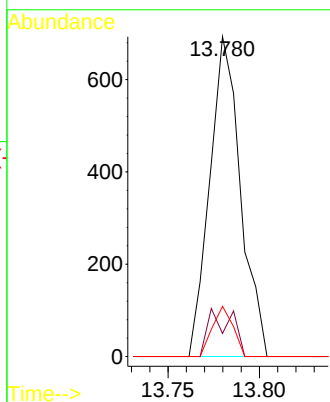
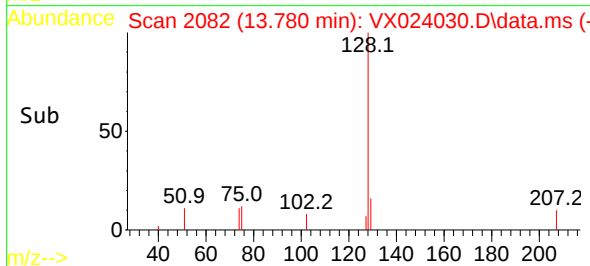


#95
Naphthalene
Concen: 1.384 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34

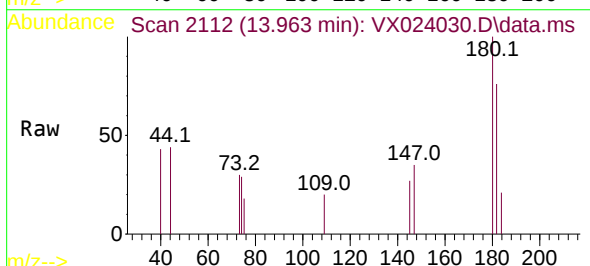
Instrument :
MSVOA_X
ClientSampleId :
VX0831MBL01



Tgt Ion:128 Resp: 813
Ion Ratio Lower Upper
128 100
127 11.4 10.3 15.5
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.302 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX024030.D
Acq: 31 Aug 2021 09:34



Tgt Ion:180 Resp: 634
Ion Ratio Lower Upper
180 100
182 85.0 47.6 142.9
145 24.1 16.1 48.3

