

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101421\
 Data File : VX024813.D
 Acq On : 14 Oct 2021 14:55
 Operator : JC/MD
 Sample : M4190-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-03-(SA)RE

Quant Time: Oct 14 15:17:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

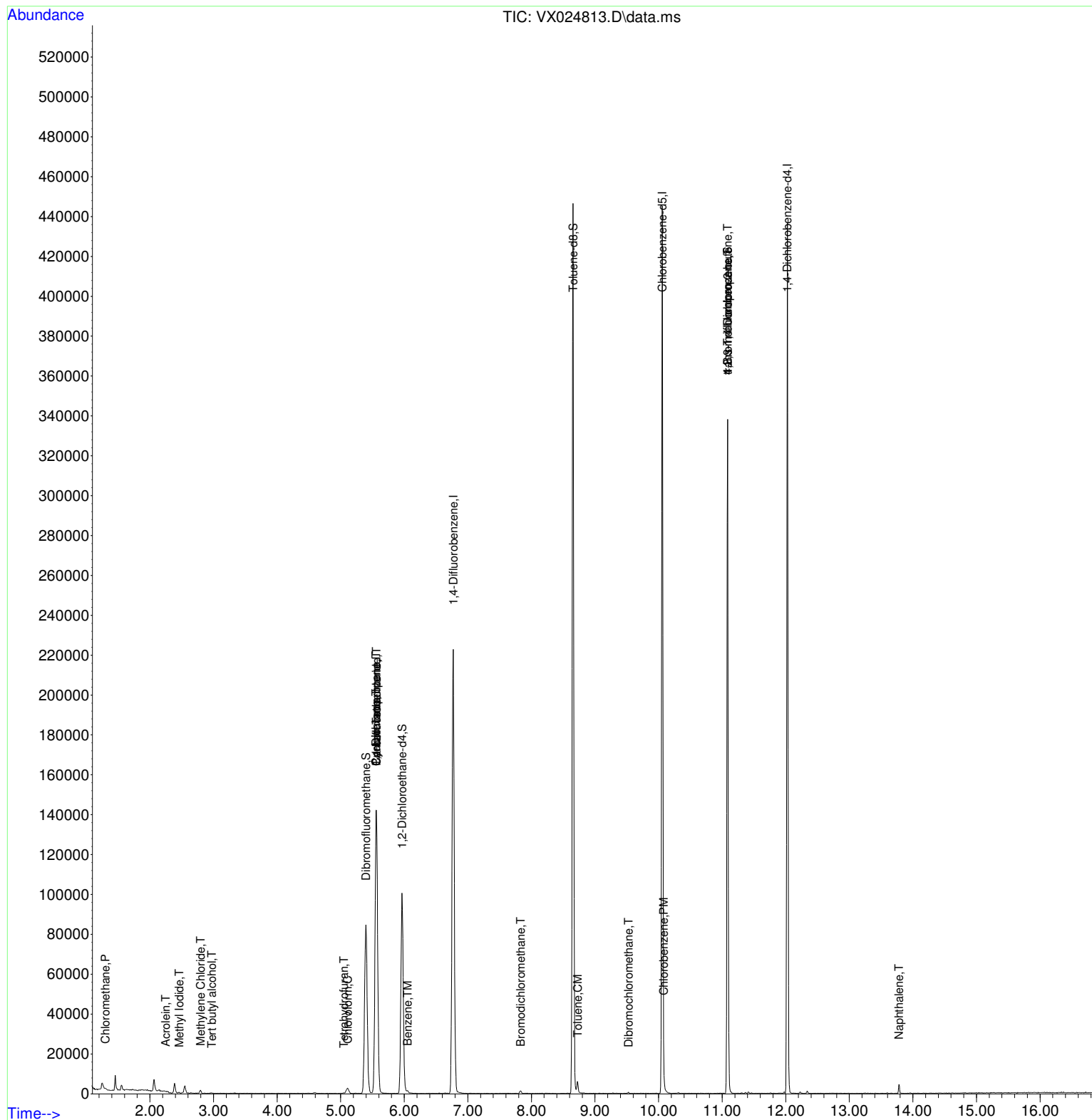
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	135161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	221159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88675	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100077	60.24	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	120.48%#	
35) Dibromofluoromethane	5.397	113	74374	56.49	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	112.98%	
50) Toluene-d8	8.653	98	265186	54.45	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	108.90%	
62) 4-Bromofluorobenzene	11.085	95	91011	47.51	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	95.02%	
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	281	0.22	ug/l	94
5) Bromomethane	1.618	94	317	Below Cal		84
10) Methyl Iodide	2.459	142	258	1.07	ug/l #	92
11) Tert butyl alcohol	2.971	59	216	0.62	ug/l #	72
13) Acrolein	2.246	56	55	0.38	ug/l	88
16) Acetone	2.386	43	4855	Below Cal		95
20) Methylene Chloride	2.794	84	596	0.42	ug/l #	89
29) Tetrahydrofuran	5.050	42	188	0.25	ug/l #	48
30) Chloroform	5.111	83	3342	1.26	ug/l	92
31) Cyclohexane	5.556	56	2835	1.28	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	10221	5.22	ug/l #	51
38) Carbon Tetrachloride	5.562	117	14420	6.58	ug/l #	16
40) Benzene	6.050	78	1237	0.22	ug/l	100
47) Bromodichloromethane	7.830	83	1157	0.58	ug/l #	82
52) Toluene	8.726	92	1963	0.54	ug/l	98
60) Dibromochloromethane	9.525	129	267	0.94	ug/l	86
65) Chlorobenzene	10.080	112	1143	0.29	ug/l #	87
70) Styrene	10.665	104	40	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.085	75	46692	25.24	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	46692	67.99	ug/l #	9
95) Naphthalene	13.780	128	2869	0.71	ug/l	98

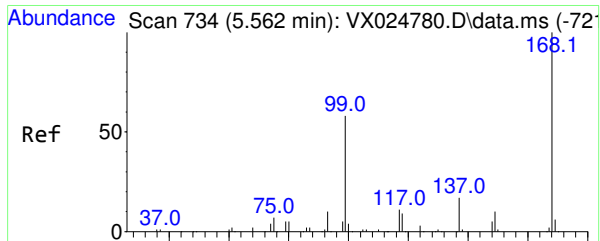
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SW-RR-03-(SA)RE

Quant Time: Oct 14 15:17:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 14 03:51:38 2021
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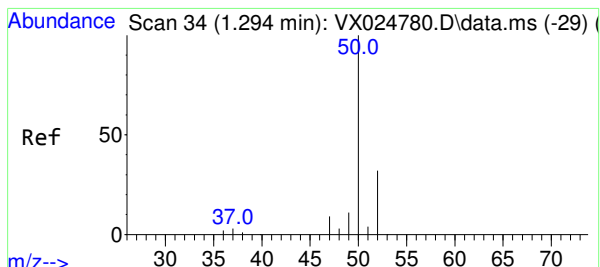
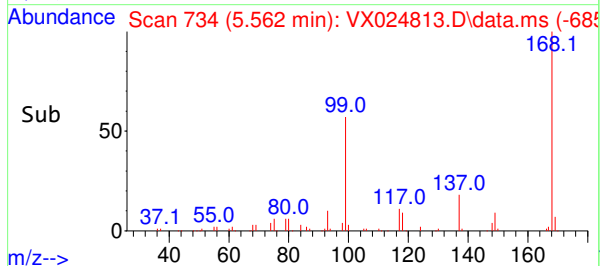
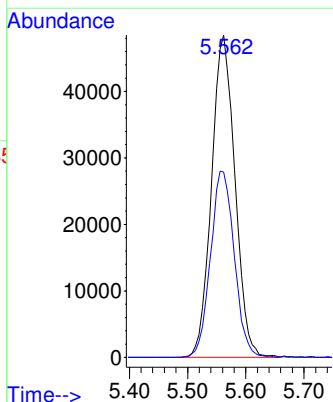
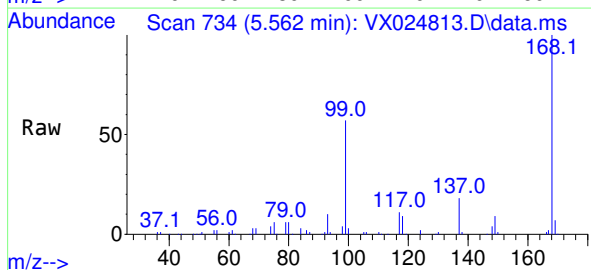




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

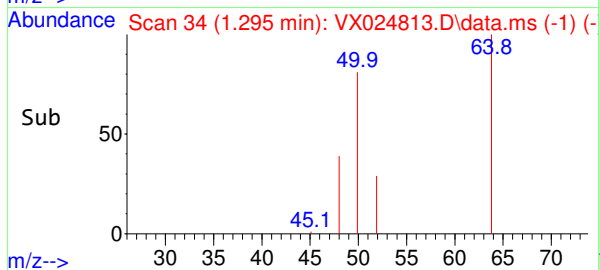
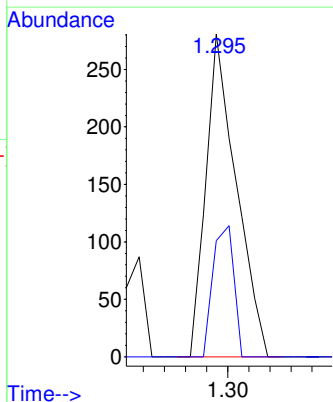
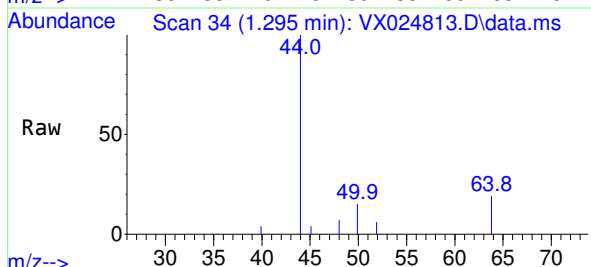
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

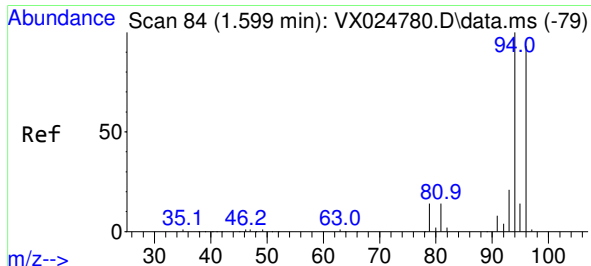
Tgt Ion:168 Resp: 135161
Ion Ratio Lower Upper
168 100
99 57.5 46.4 69.6



#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

Tgt Ion: 50 Resp: 281
Ion Ratio Lower Upper
50 100
52 35.9 25.9 38.9

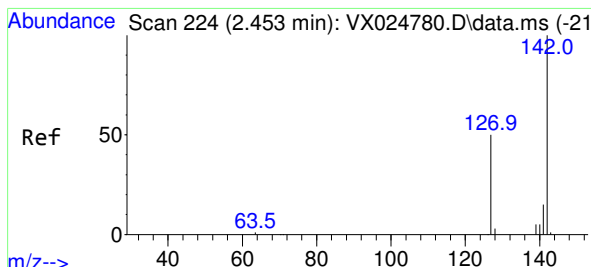
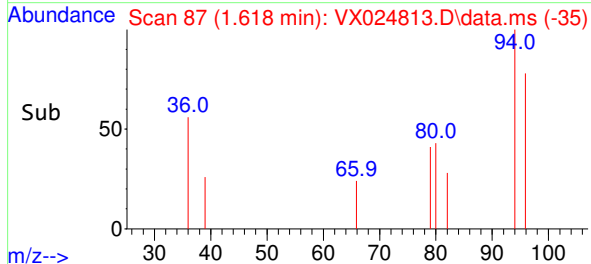
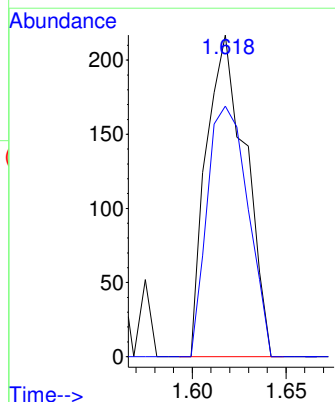
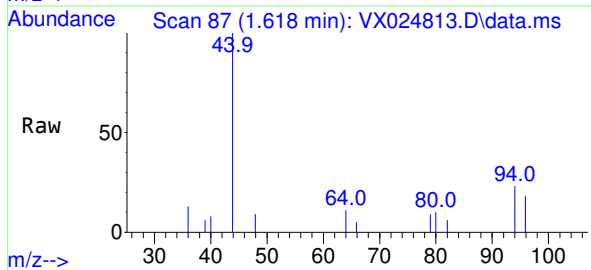




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

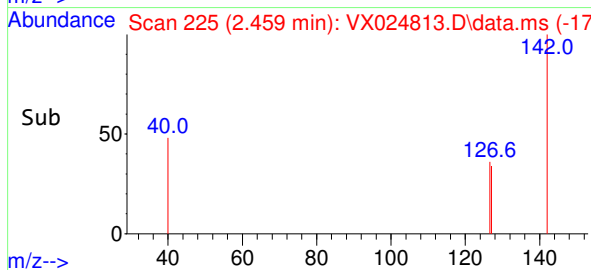
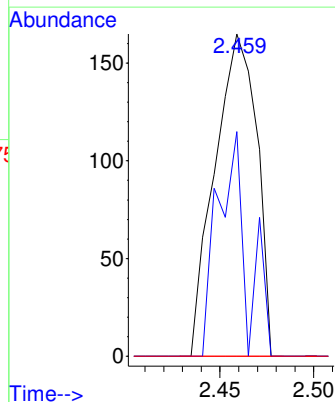
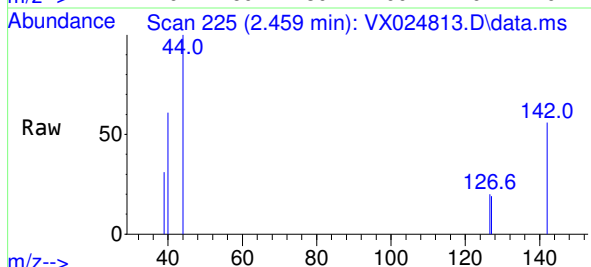
Instrument :
MSVOA_X
ClientSampleId :
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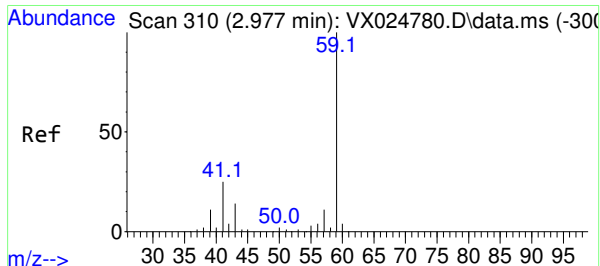
Tgt Ion: 94 Resp: 317
Ion Ratio Lower Upper
94 100
96 77.9 74.8 112.2



#10
Methyl Iodide
Concen: 1.07 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

Tgt Ion: 142 Resp: 258
Ion Ratio Lower Upper
142 100
127 48.4 38.9 58.3
141 0.0 11.7 17.5#

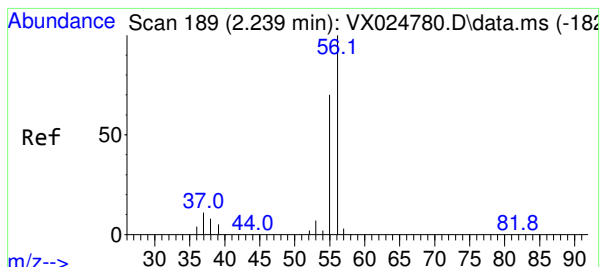
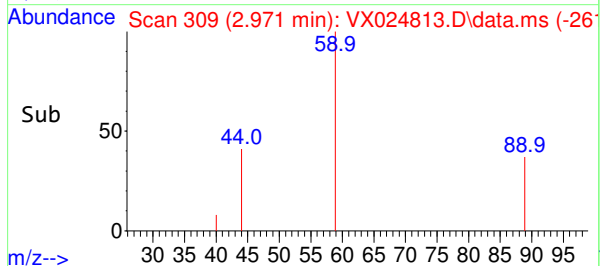
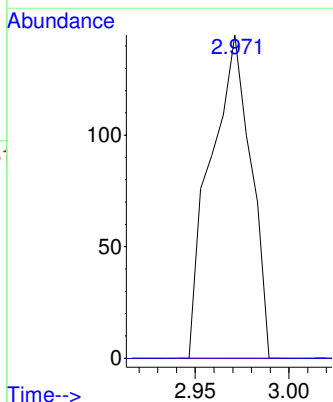
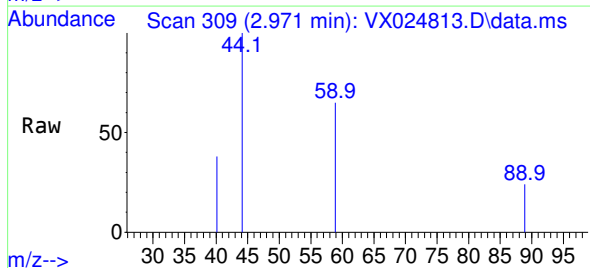




#11
Tert butyl alcohol
Concen: 0.62 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

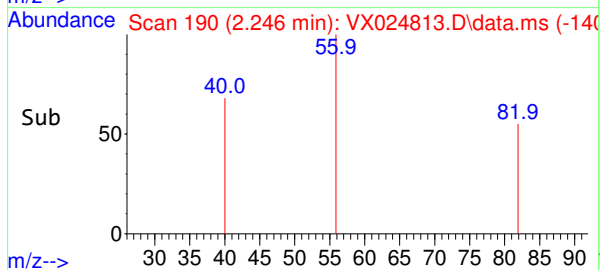
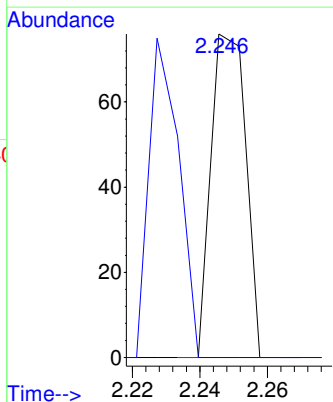
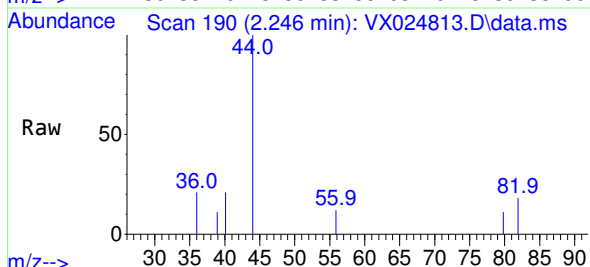
Instrument :
MSVOA_X
ClientSampleId :
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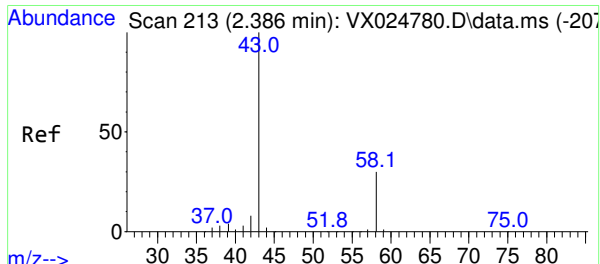
Tgt Ion: 59 Resp: 216
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.38 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 83.6 58.6 87.8

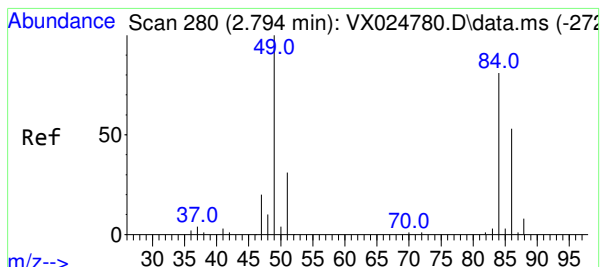
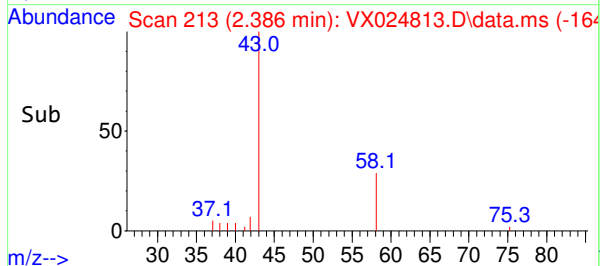
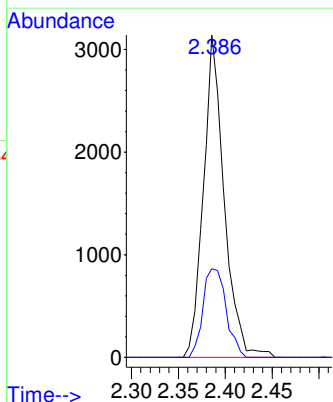
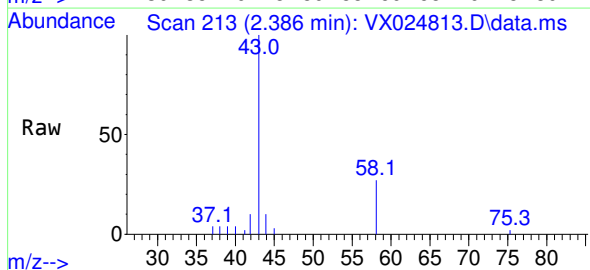




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

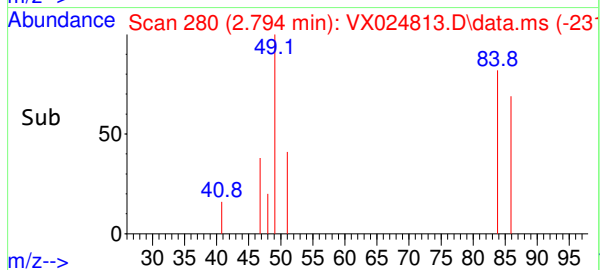
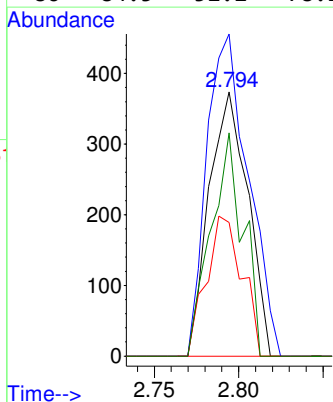
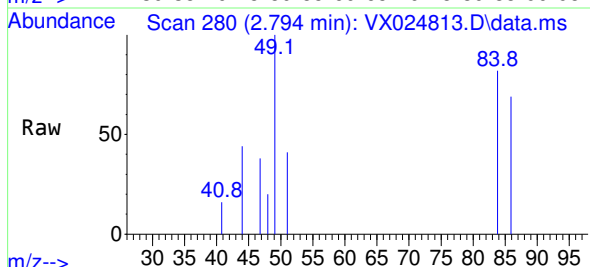
Instrument :
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ClientSampleId :
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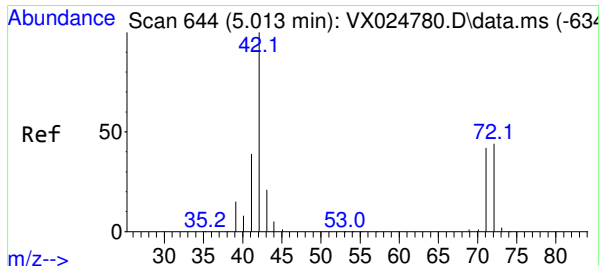
Tgt Ion: 43 Resp: 4855
Ion Ratio Lower Upper
43 100
58 27.5 24.0 36.0



#20
Methylene Chloride
Concen: 0.42 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

Tgt Ion: 84 Resp: 596
Ion Ratio Lower Upper
84 100
49 121.9 98.2 147.2
51 50.5 30.2 45.4#
86 84.5 52.2 78.2#

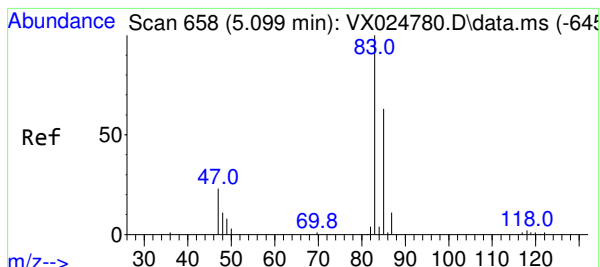
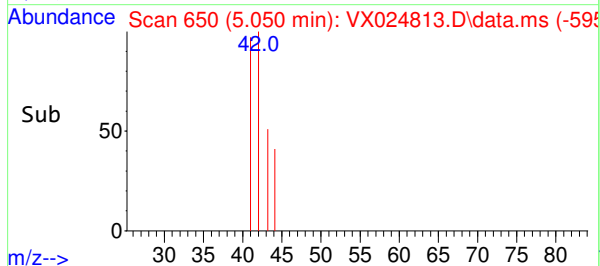
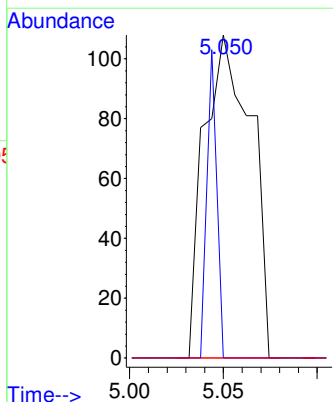
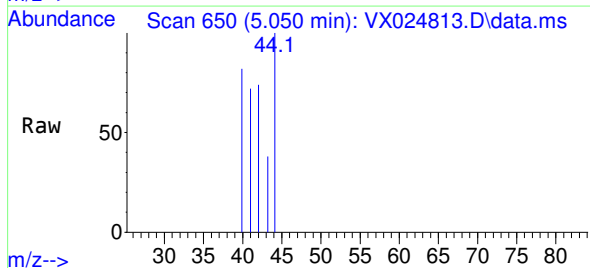




#29
Tetrahydrofuran
Concen: 0.25 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.037 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

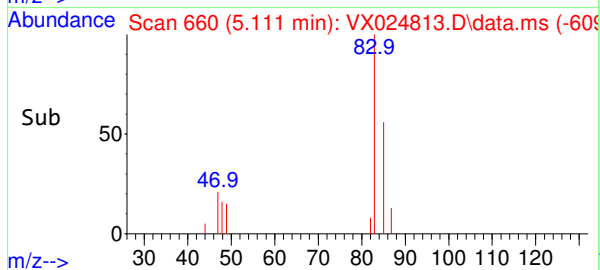
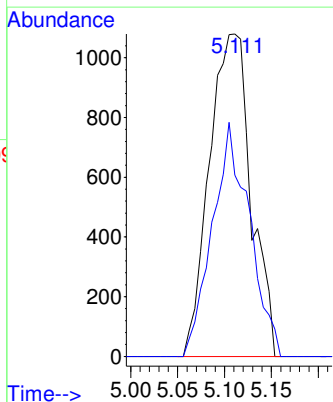
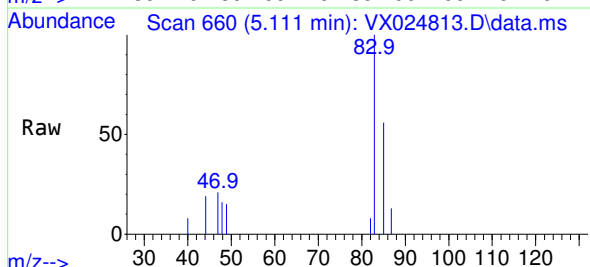
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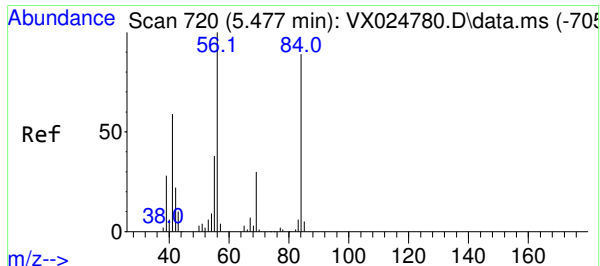
Tgt Ion: 42 Resp: 188
Ion Ratio Lower Upper
42 100
72 20.2 36.1 54.1#
71 0.0 33.7 50.5#



#30
Chloroform
Concen: 1.26 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.012 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

Tgt Ion: 83 Resp: 3342
Ion Ratio Lower Upper
83 100
85 56.2 50.2 75.2

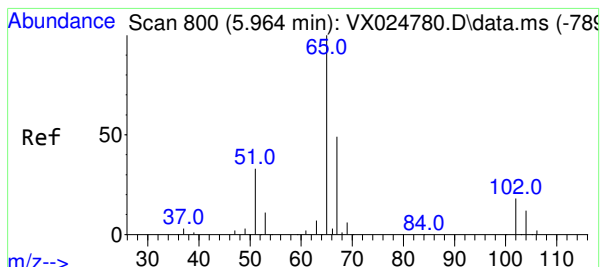
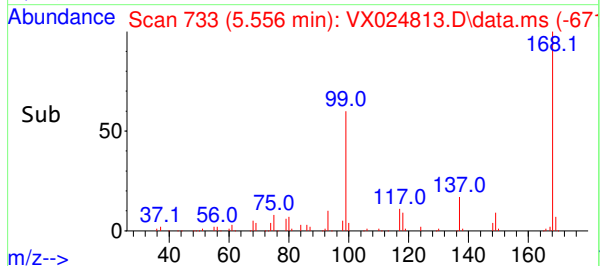
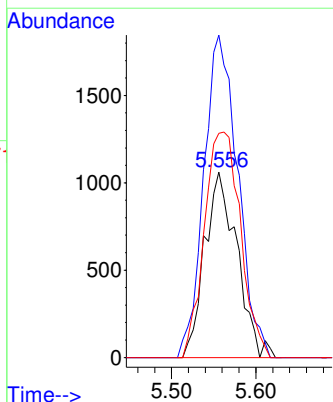
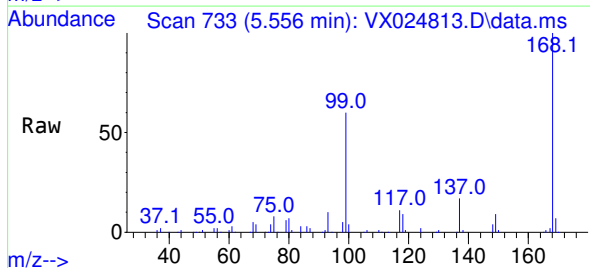




#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

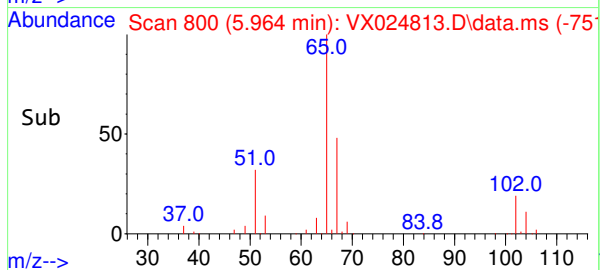
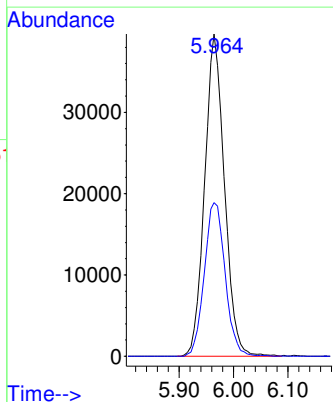
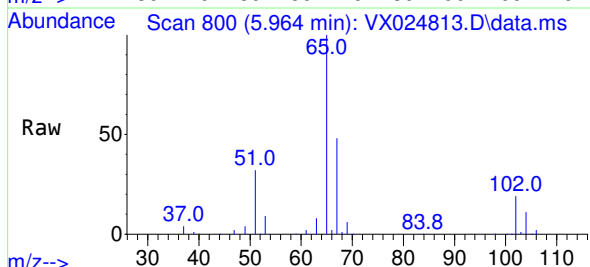
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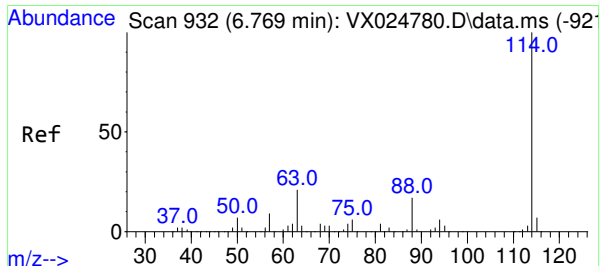
Tgt Ion: 56 Resp: 2835
Ion Ratio Lower Upper
56 100
69 173.9 24.2 36.2#
84 120.9 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 60.24 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

Tgt Ion: 65 Resp: 100077
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.0

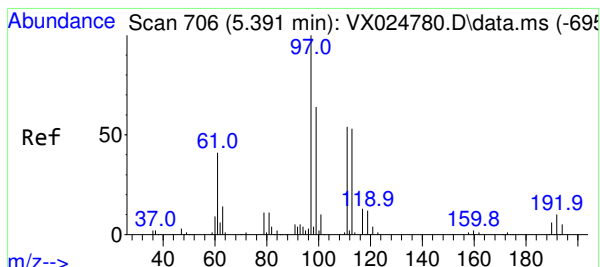
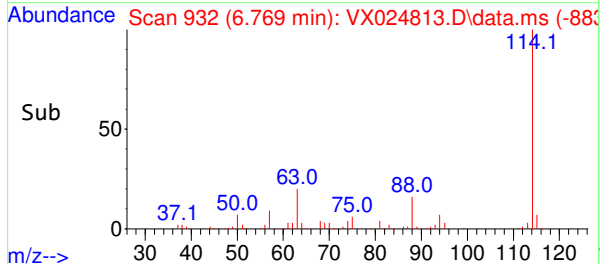
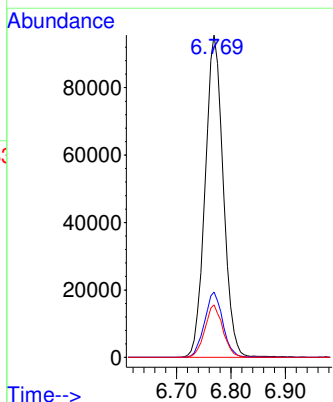
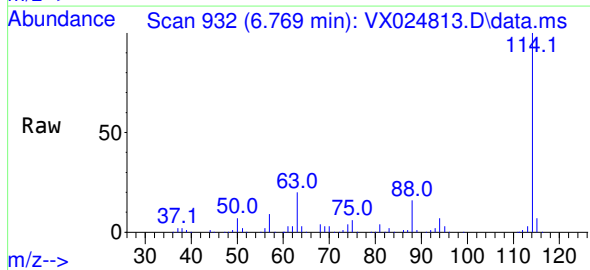




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

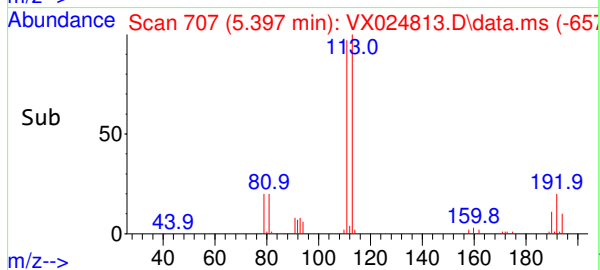
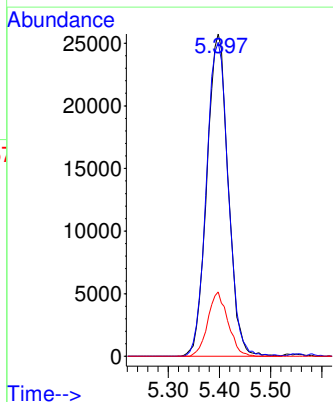
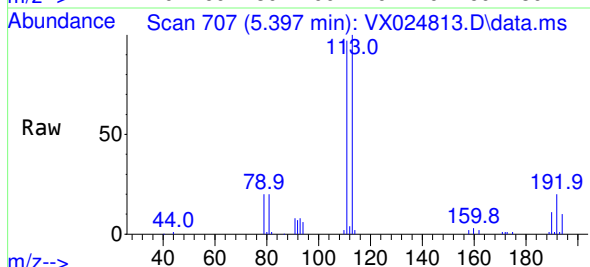
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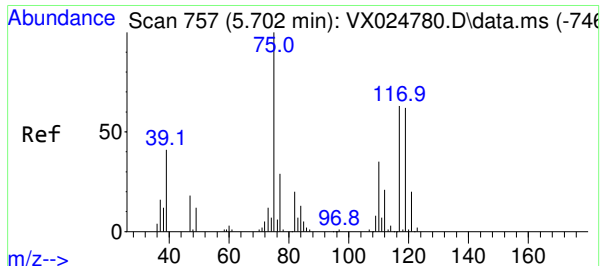
Tgt Ion:	114	Resp:	221159
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.0
88	16.3	0.0	34.8



#35
Dibromofluoromethane
Concen: 56.49 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

Tgt Ion:	113	Resp:	74374
Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.1	123.1
192	18.9	15.6	23.4

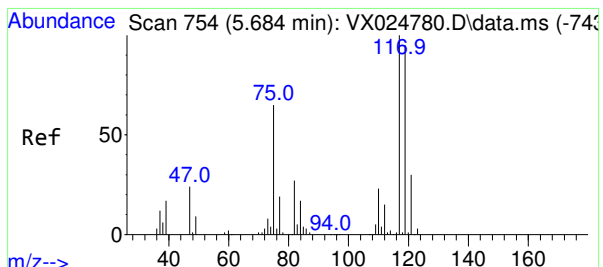
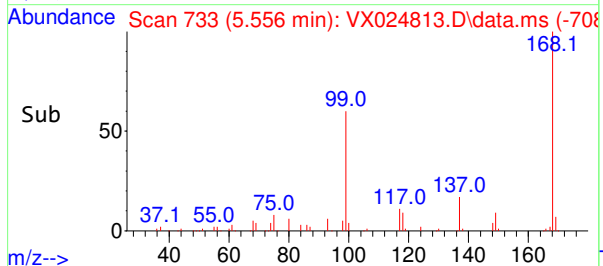
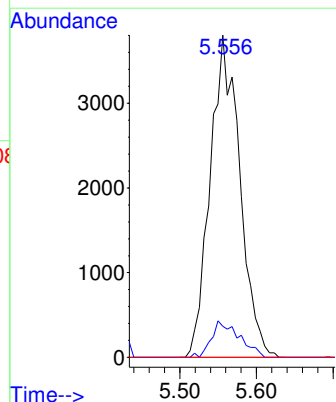
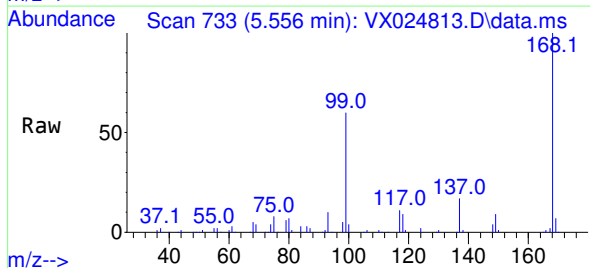




#36
1,1-Dichloropropene
Concen: 5.22 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

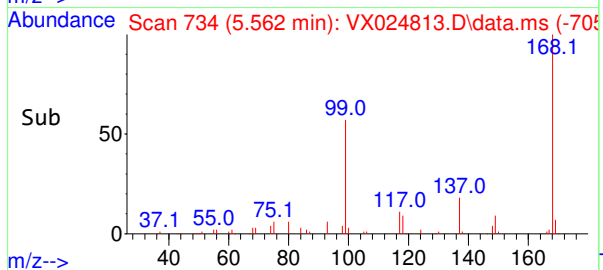
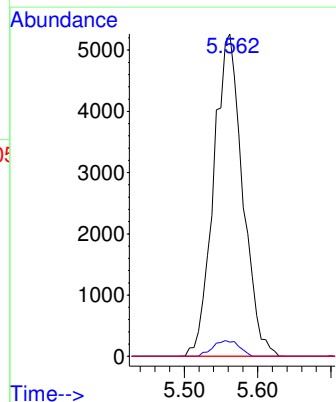
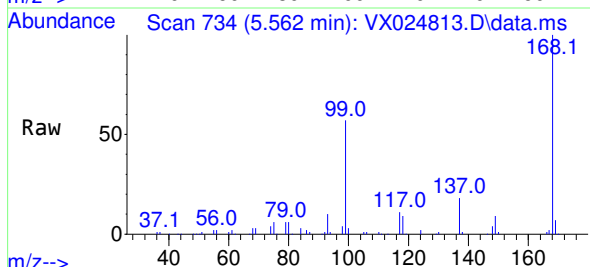
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

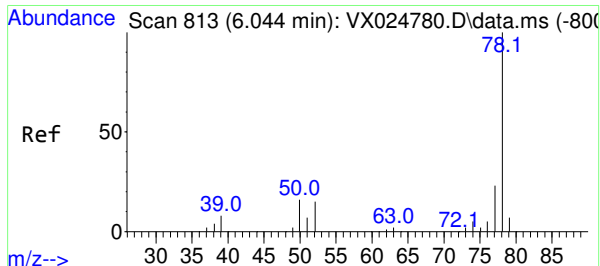
Tgt Ion: 75 Resp: 10221
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.58 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

Tgt Ion: 117 Resp: 14420
Ion Ratio Lower Upper
117 100
119 4.3 75.6 113.4#
121 0.0 23.7 35.5#

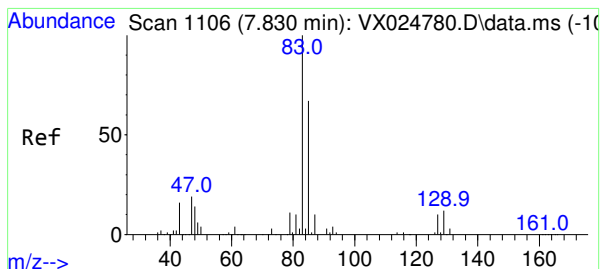
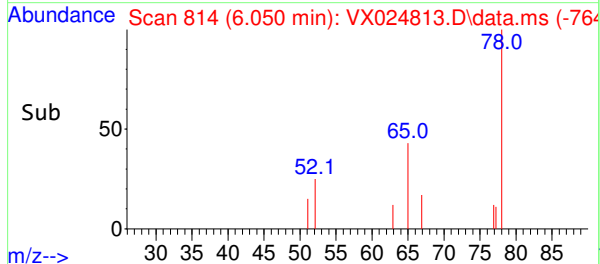
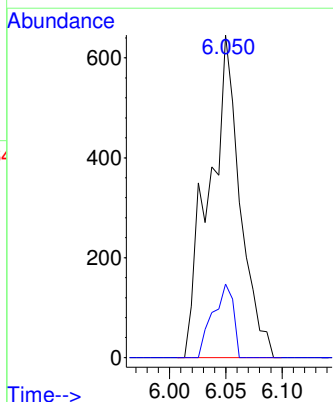
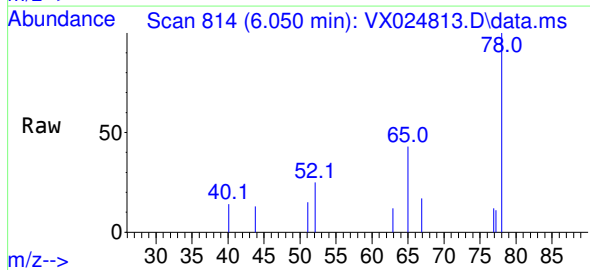




#40
Benzene
Concen: 0.22 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

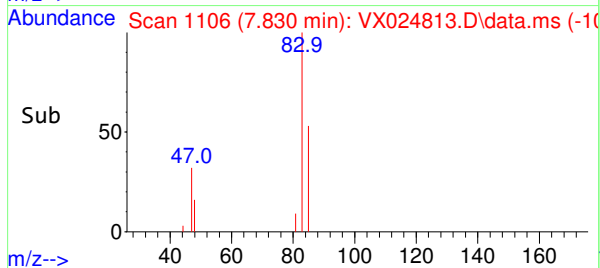
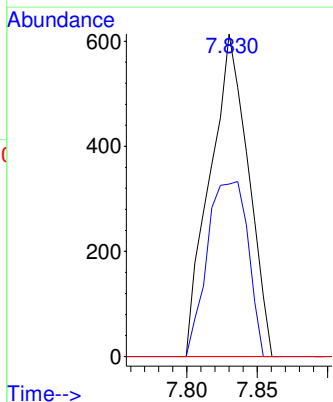
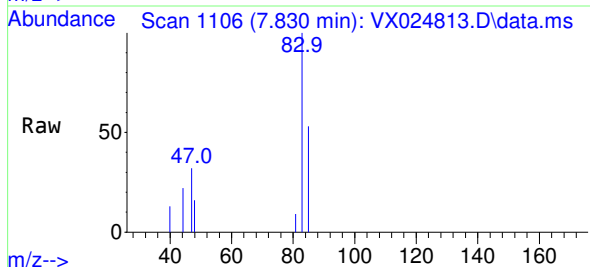
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

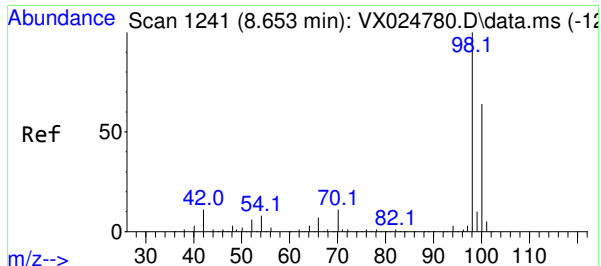
Tgt Ion: 78 Resp: 1237
Ion Ratio Lower Upper
78 100
77 22.8 18.3 27.5



#47
Bromodichloromethane
Concen: 0.58 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

Tgt Ion: 83 Resp: 1157
Ion Ratio Lower Upper
83 100
85 53.4 53.5 80.3#
127 0.0 7.7 11.5#

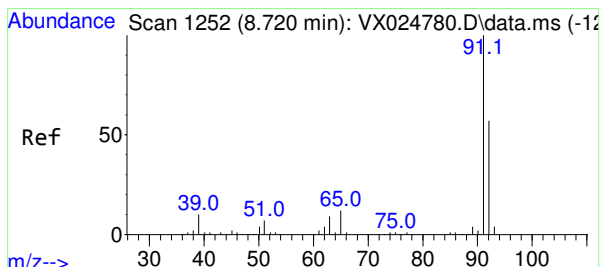
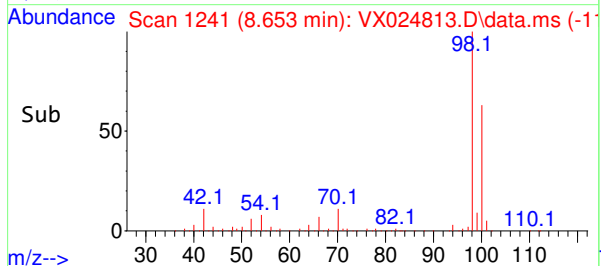
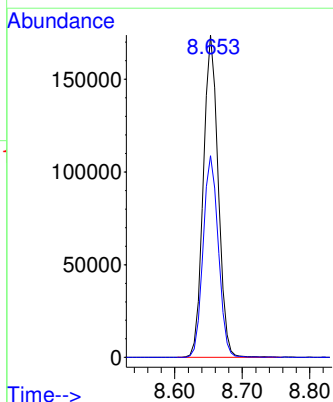
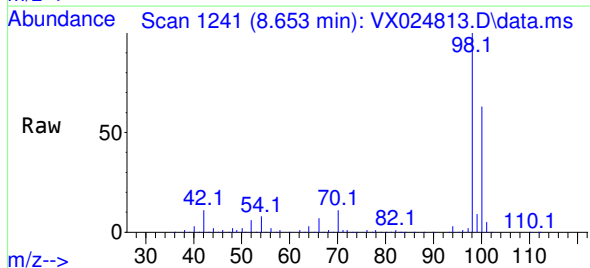




#50
Toluene-d8
Concen: 54.45 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

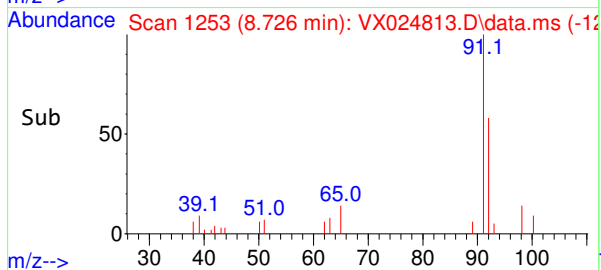
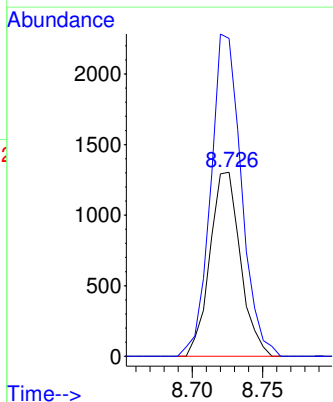
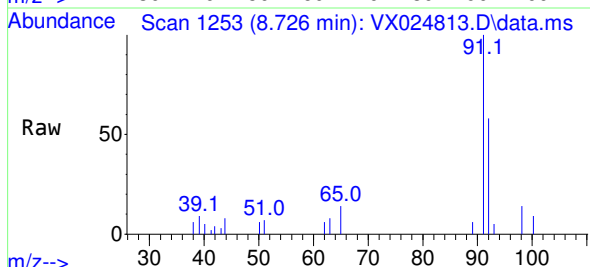
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

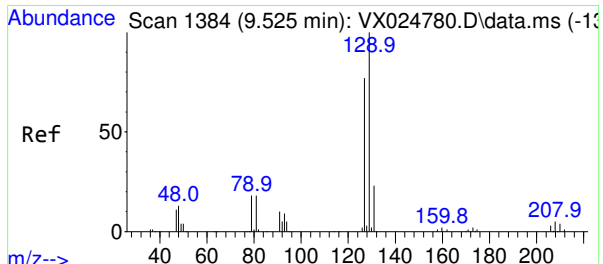
Tgt Ion: 98 Resp: 265186
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#52
Toluene
Concen: 0.54 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

Tgt Ion: 92 Resp: 1963
Ion Ratio Lower Upper
92 100
91 176.2 138.6 208.0

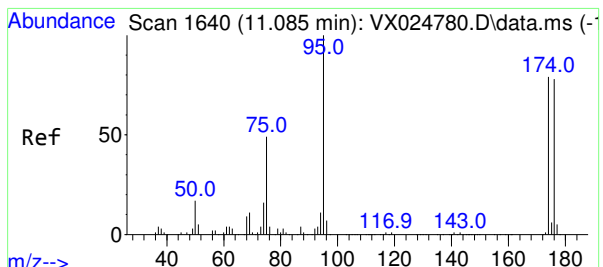
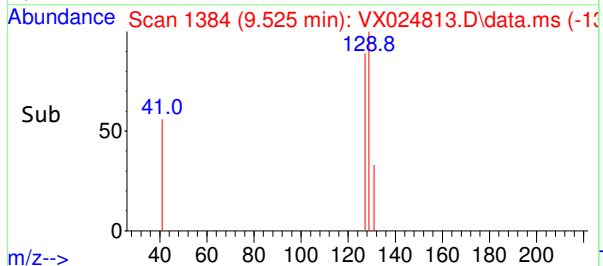
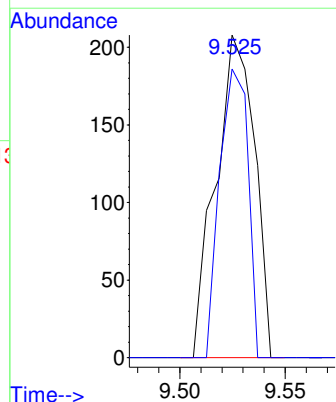
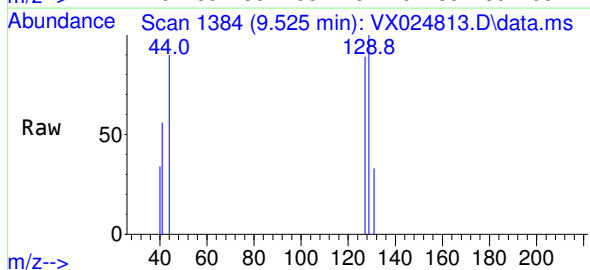




#60
Dibromochloromethane
Concen: 0.94 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

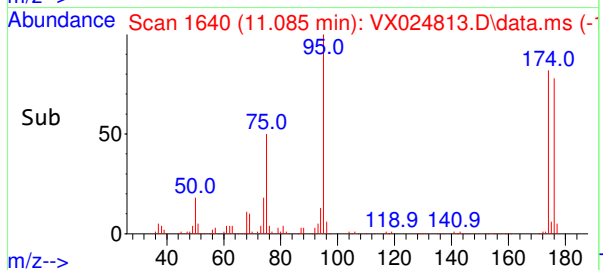
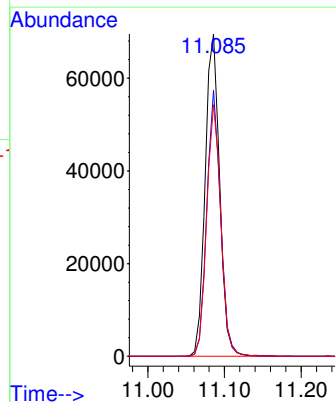
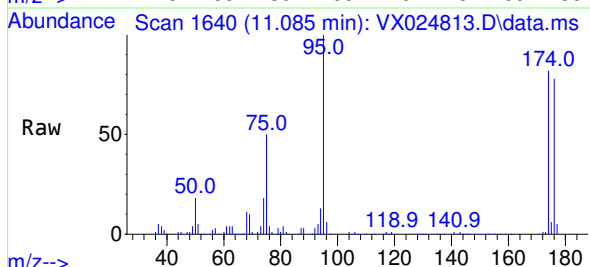
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

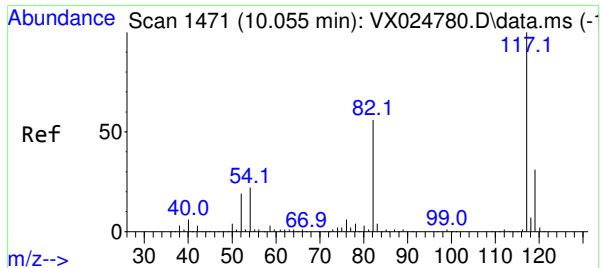
Tgt Ion:129 Resp: 267
Ion Ratio Lower Upper
129 100
127 65.2 38.5 115.5



#62
4-Bromofluorobenzene
Concen: 47.51 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

Tgt Ion: 95 Resp: 91011
Ion Ratio Lower Upper
95 100
174 78.6 0.0 158.0
176 76.4 0.0 153.6

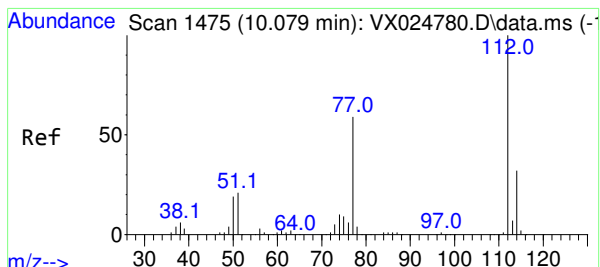
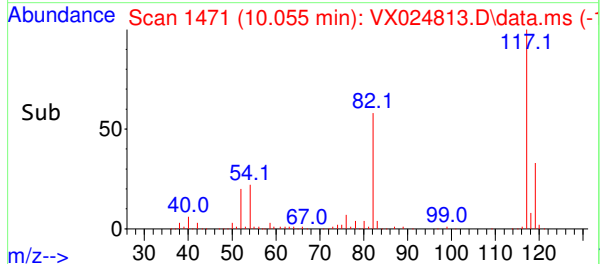
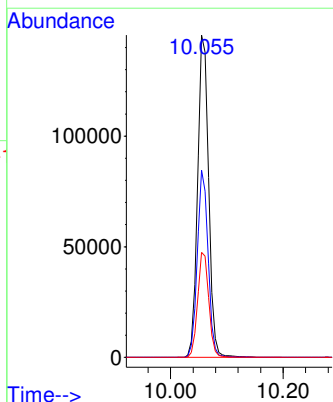
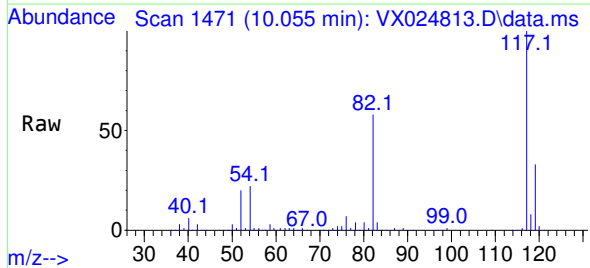




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

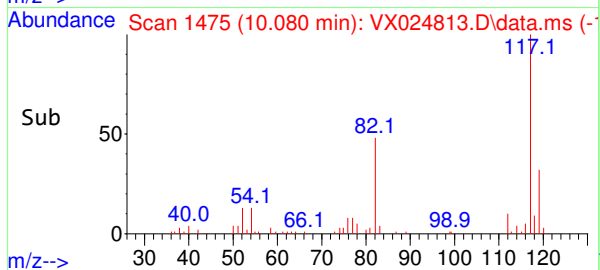
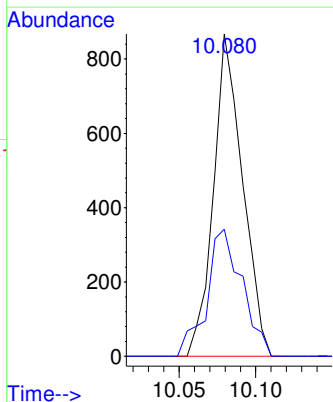
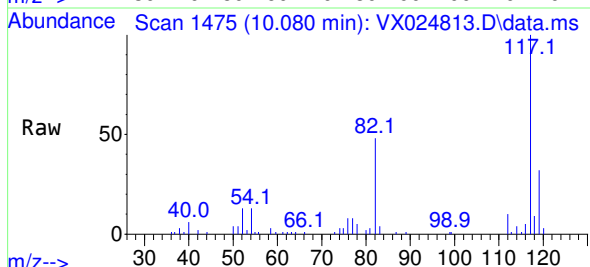
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

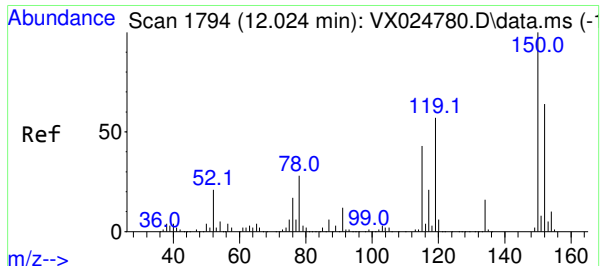
Tgt Ion:	117	Resp:	198835
Ion	Ratio	Lower	Upper
117	100		
82	58.1	44.6	67.0
119	32.6	24.8	37.2



#65
Chlorobenzene
Concen: 0.29 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

Tgt Ion:	112	Resp:	1143
Ion	Ratio	Lower	Upper
112	100		
114	39.4	25.8	38.6#

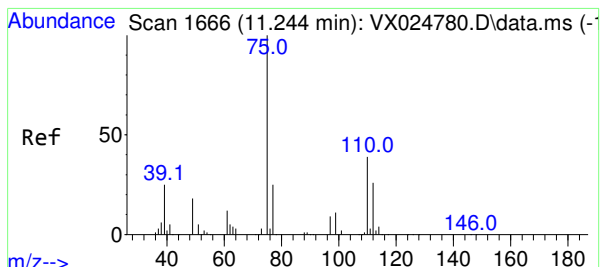
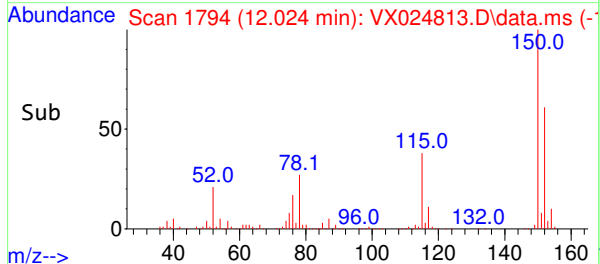
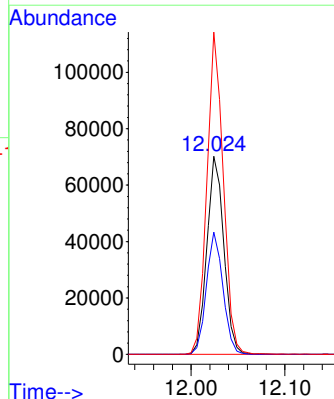
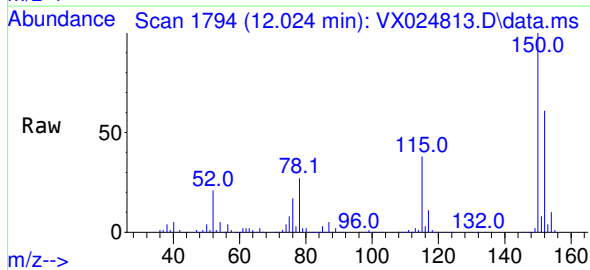




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

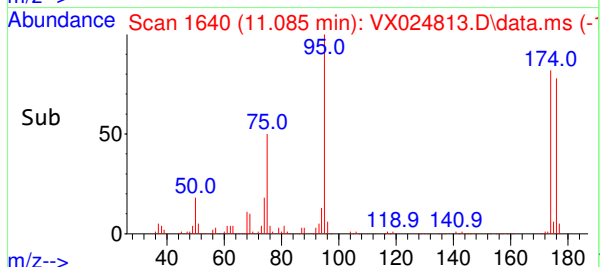
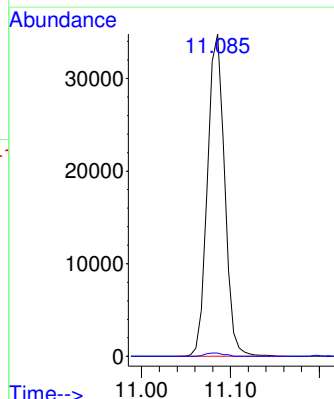
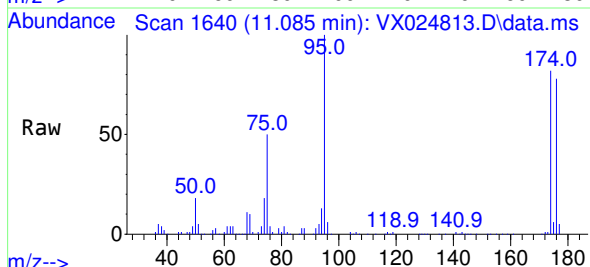
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

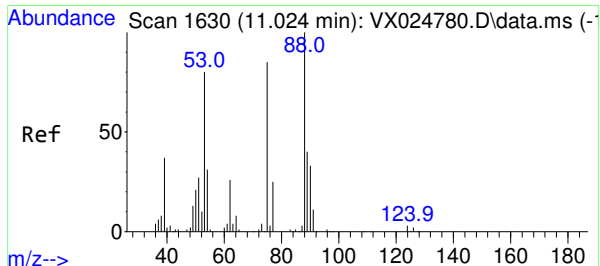
Tgt Ion:	152	Resp:	88675
Ion	Ratio	Lower	Upper
152	100		
115	60.4	43.3	129.8
150	157.5	0.0	351.2



#76
1,2,3-Trichloropropane
Concen: 25.24 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX024813.D
Acq: 14 Oct 2021 14:55

Tgt Ion:	75	Resp:	46692
Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.0	59.9#

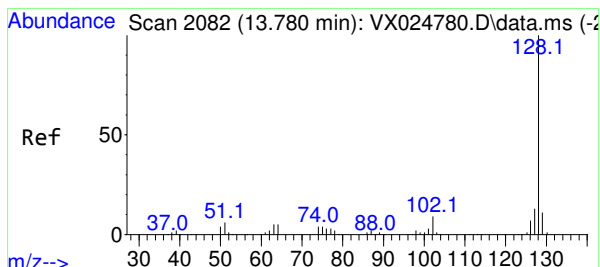
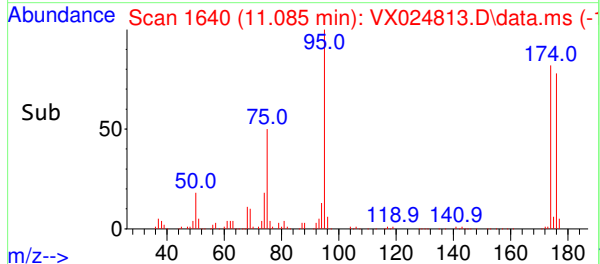
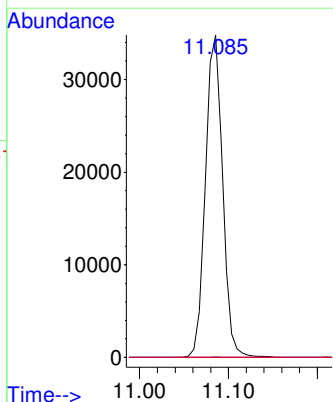
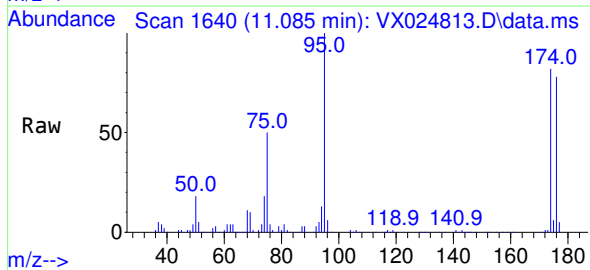




#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.99 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024813.D
 Acq: 14 Oct 2021 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-03-(SA)RE

Tgt Ion:	75	Resp:	46692
Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.9	122.9#
89	0.0	38.2	57.2#



#95
 Naphthalene
 Concen: 0.71 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VX024813.D
 Acq: 14 Oct 2021 14:55

Tgt Ion:	128	Resp:	2869
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	10.3	8.8	13.2

