

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024801.D
 Acq On : 13 Oct 2021 22:19
 Operator : JC/MD
 Sample : M4190-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Oct 14 03:58:59 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)

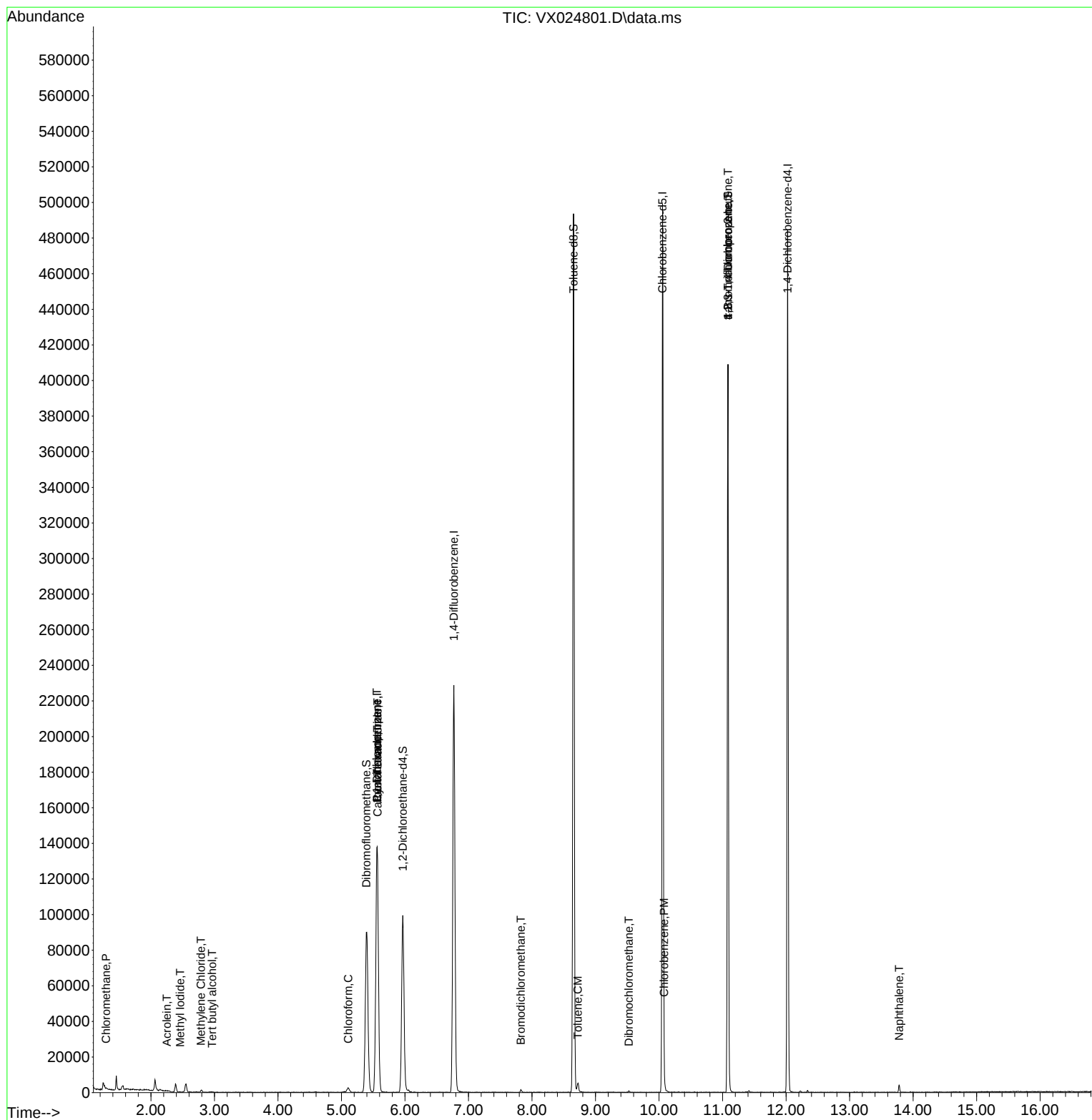
Internal Standards						
1) Pentafluorobenzene	5.562	168	129380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100109	62.954	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 125.900%#			
35) Dibromofluoromethane	5.391	113	78628	57.817	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.640%			
50) Toluene-d8	8.653	98	282862	56.230	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.460%#			
62) 4-Bromofluorobenzene	11.085	95	106175	53.664	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.320%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	324	0.270	ug/l #	72
5) Bromomethane	1.575	94	22	Below Cal	#	3
10) Methyl Iodide	2.459	142	118	0.990	ug/l #	37
11) Tert butyl alcohol	2.965	59	176	0.525	ug/l #	72
13) Acrolein	2.252	56	69	0.496	ug/l #	13
16) Acetone	2.386	43	4750	Below Cal	#	87
20) Methylene Chloride	2.788	84	548	0.406	ug/l #	74
30) Chloroform	5.105	83	3063	1.204	ug/l	97
31) Cyclohexane	5.562	56	2707	1.278	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10242	5.066	ug/l #	50
38) Carbon Tetrachloride	5.568	117	13599	6.004	ug/l #	16
47) Bromodichloromethane	7.824	83	896	0.433	ug/l #	88
52) Toluene	8.720	92	1979	0.526	ug/l	93
59) 2-Hexanone	9.525	43	33	Below Cal	#	25
60) Dibromochloromethane	9.525	129	213	0.905	ug/l	95
65) Chlorobenzene	10.079	112	1086	0.251	ug/l	97
70) Styrene	10.653	104	19	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.085	75	55331	26.677	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	55331	71.816	ug/l #	9
95) Naphthalene	13.780	128	2591	0.622	ug/l	99

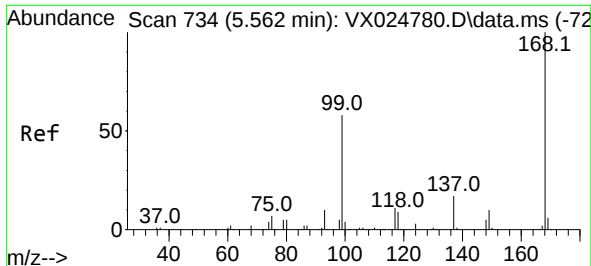
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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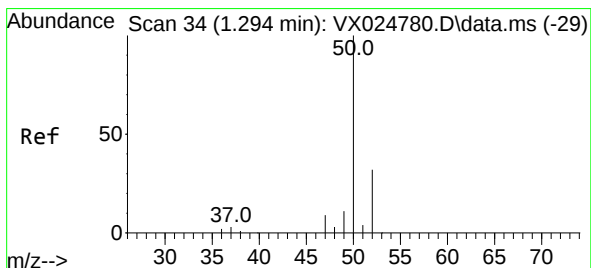
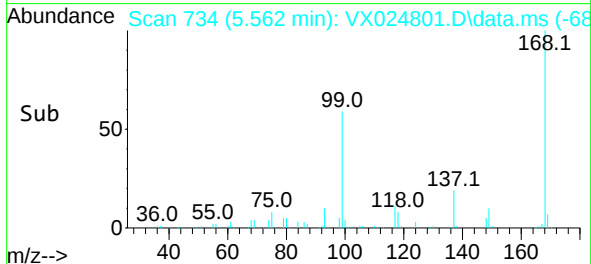
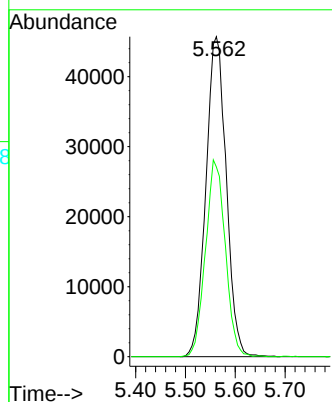
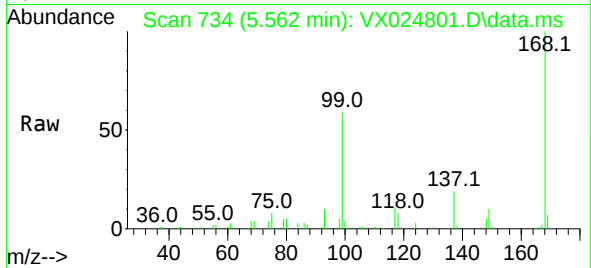




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

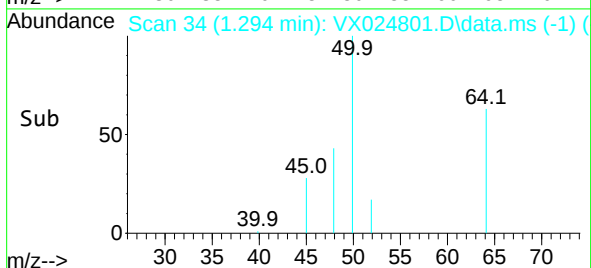
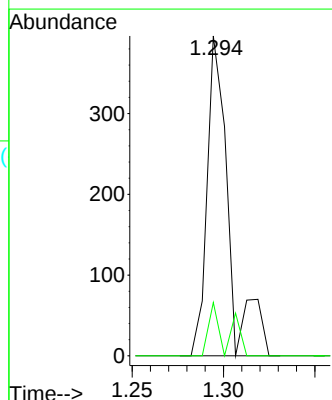
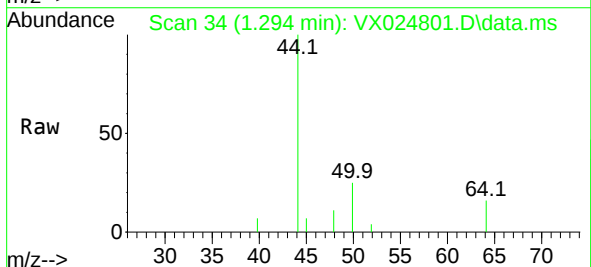
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

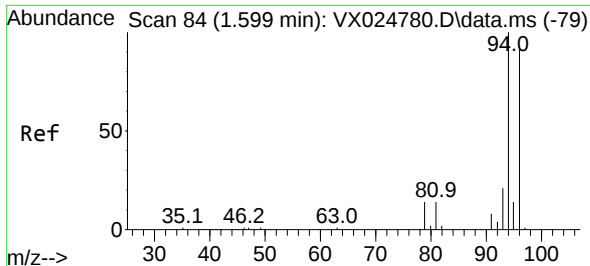
Tgt Ion:168 Resp: 129380
Ion Ratio Lower Upper
168 100
99 59.3 46.4 69.6



#3
Chloromethane
Concen: 0.270 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

Tgt Ion: 50 Resp: 324
Ion Ratio Lower Upper
50 100
52 16.7 25.9 38.9#

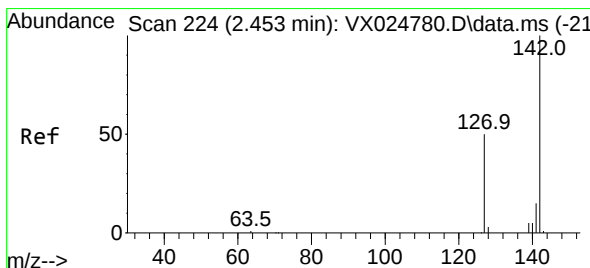
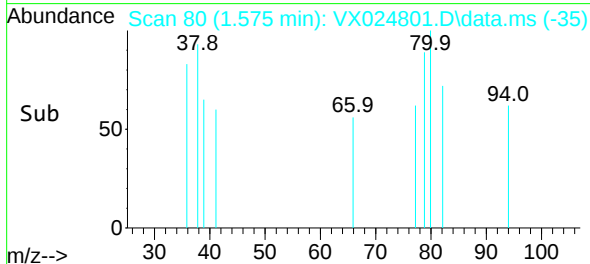
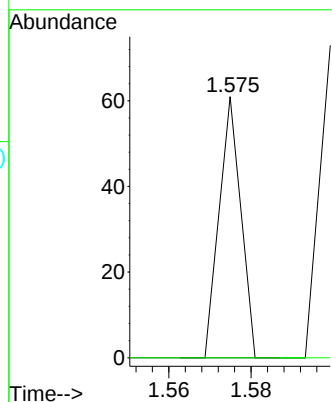
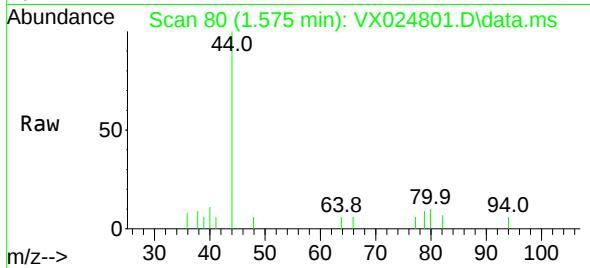




#5
Bromomethane
Concen: Below Cal
RT: 1.575 min Scan# 80
Delta R.T. -0.024 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

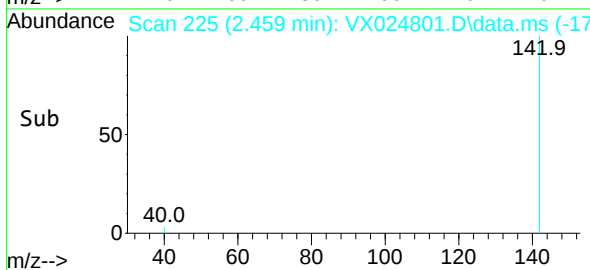
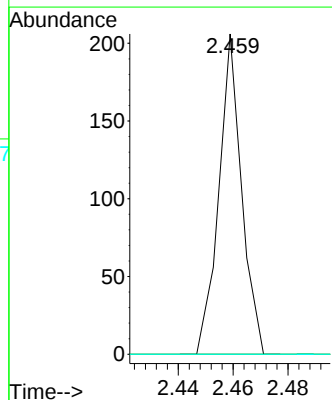
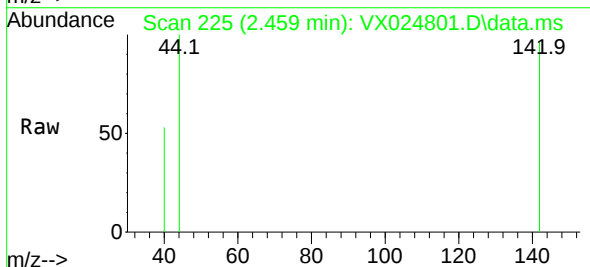
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

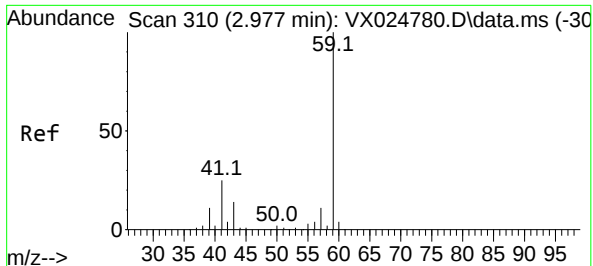
Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#10
Methyl Iodide
Concen: 0.990 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

Tgt Ion: 142 Resp: 118
Ion Ratio Lower Upper
142 100
127 0.0 38.9 58.3#
141 0.0 11.7 17.5#



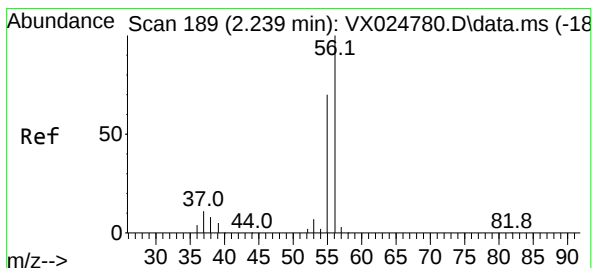
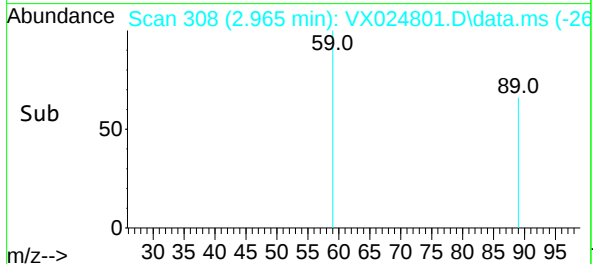
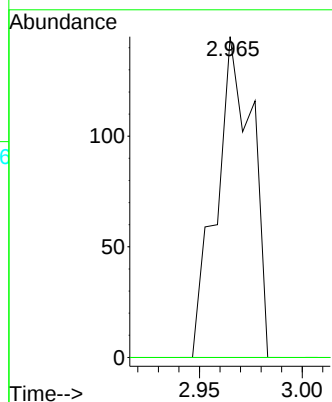
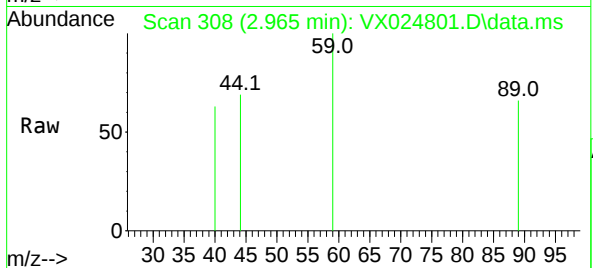


#11

Tert butyl alcohol
Concen: 0.525 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

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

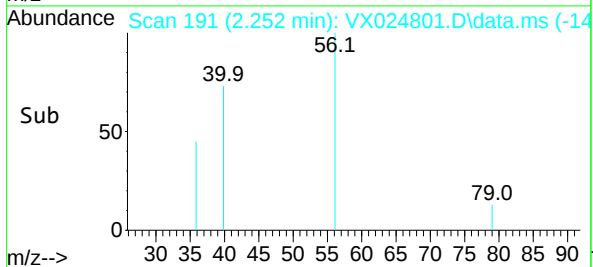
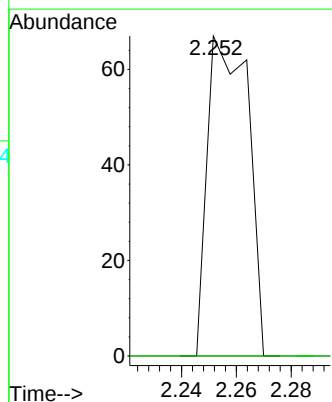
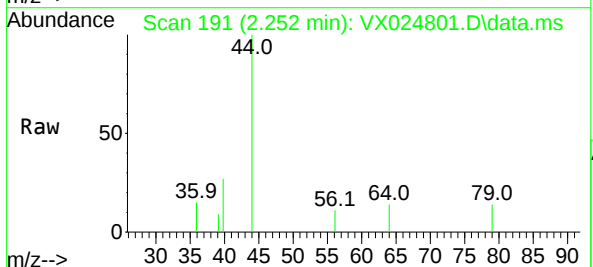
Tgt Ion: 59 Resp: 176
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

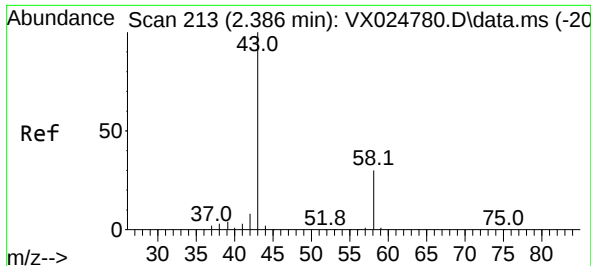


#13

Acrolein
Concen: 0.496 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8#

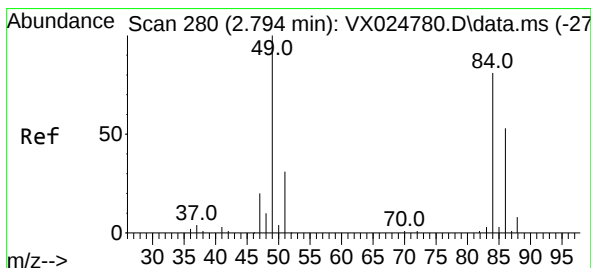
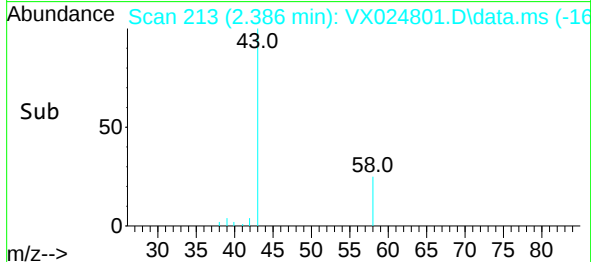
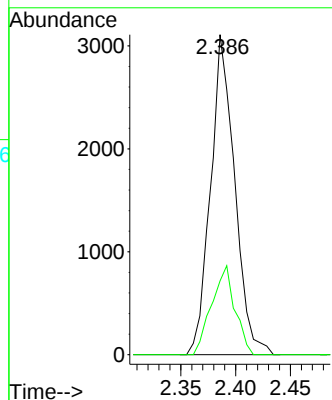
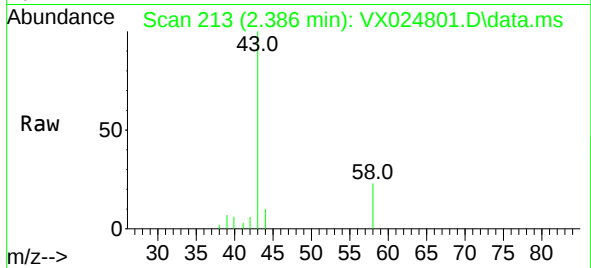




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

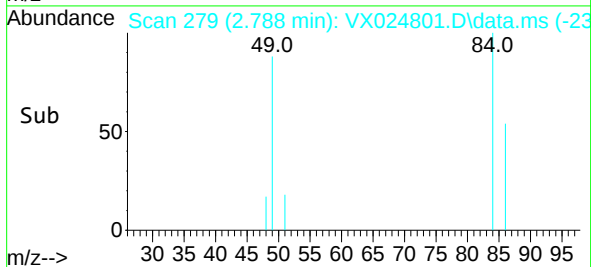
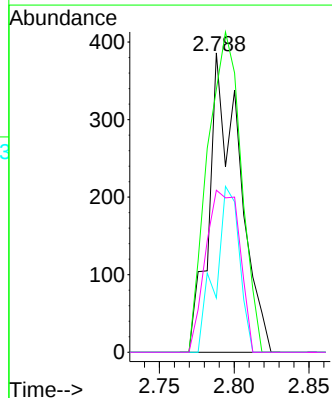
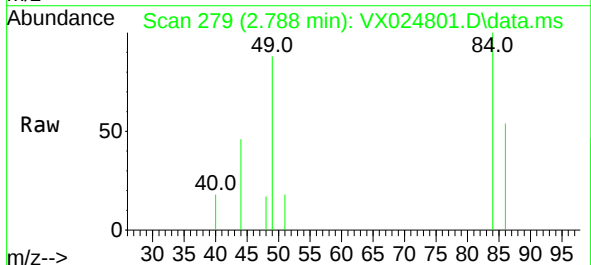
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

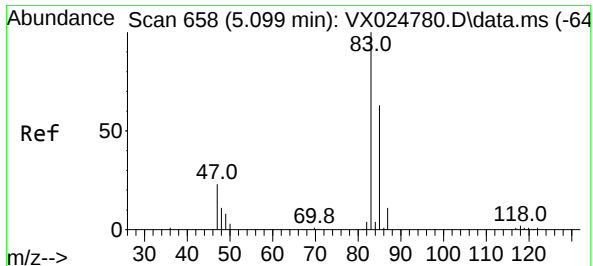
Tgt Ion: 43 Resp: 4750
Ion Ratio Lower Upper
43 100
58 23.1 24.0 36.0#



#20
Methylene Chloride
Concen: 0.406 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

Tgt Ion: 84 Resp: 548
Ion Ratio Lower Upper
84 100
49 87.8 98.2 147.2#
51 18.1 30.2 45.4#
86 54.1 52.2 78.2





#30

Chloroform

Concen: 1.204 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX024801.D

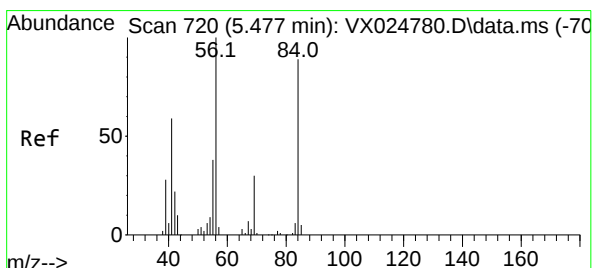
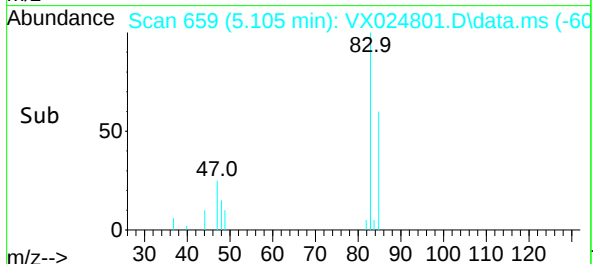
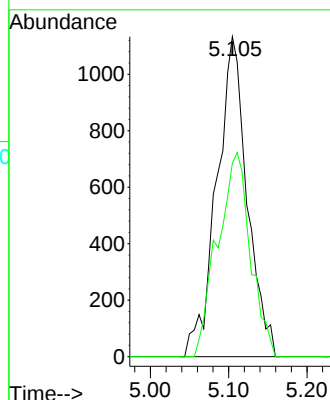
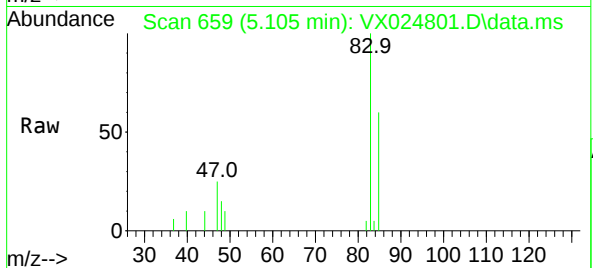
Acq: 13 Oct 2021 22:19

Tgt Ion: 83 Resp: 3063

Ion Ratio Lower Upper

83 100

85 60.5 50.2 75.2



#31

Cyclohexane

Concen: 1.278 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024801.D

Acq: 13 Oct 2021 22:19

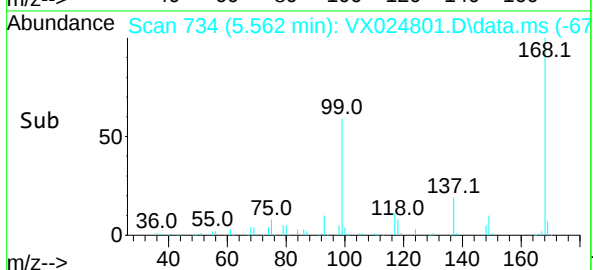
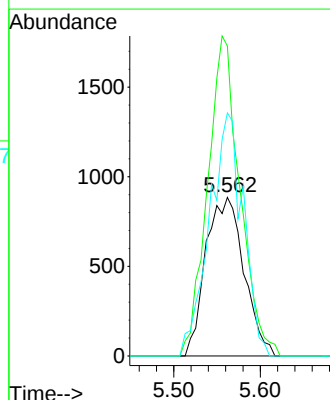
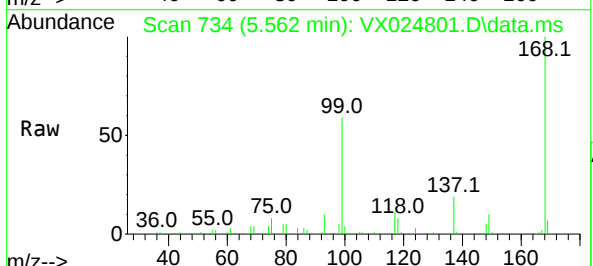
Tgt Ion: 56 Resp: 2707

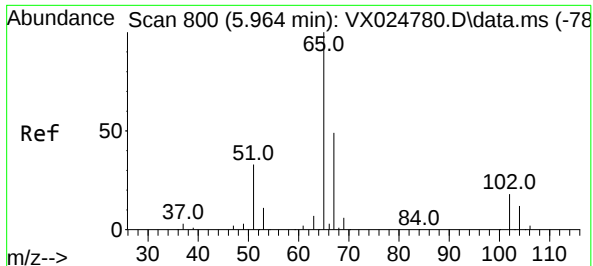
Ion Ratio Lower Upper

56 100

69 195.5 24.2 36.2#

84 153.2 71.5 107.3#



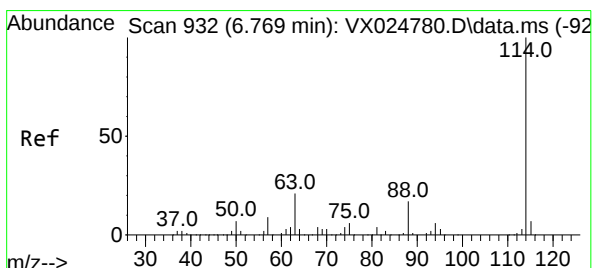
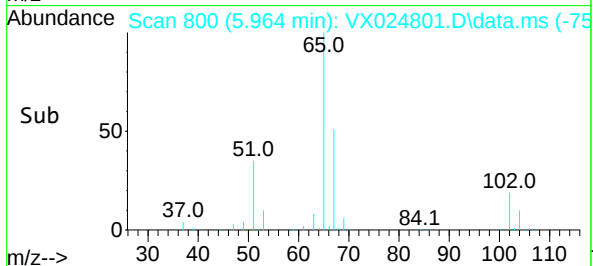
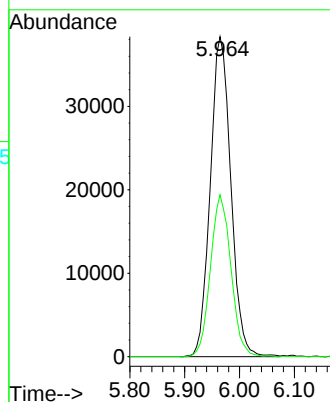
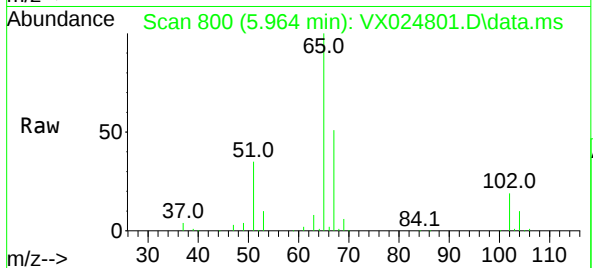


#33

1,2-Dichloroethane-d4
Concen: 62.954 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

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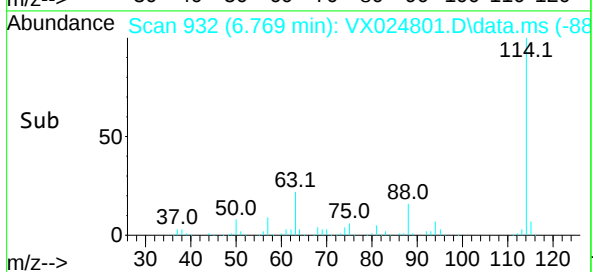
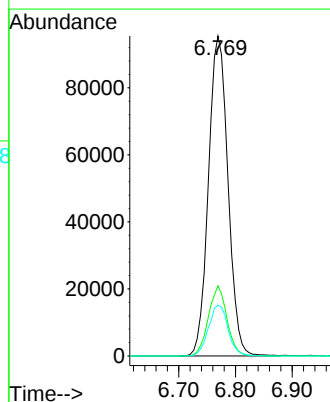
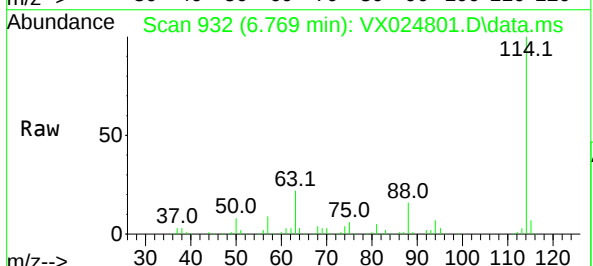
Tgt Ion: 65 Resp: 100109
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.0

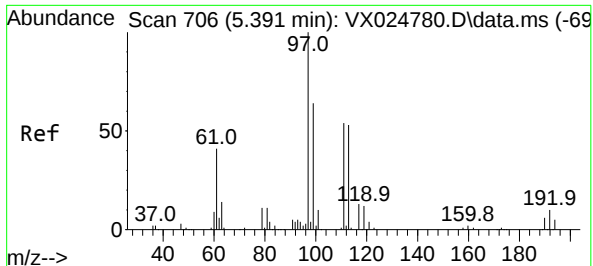


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

Tgt Ion: 114 Resp: 228440
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.0
88 15.9 0.0 34.8

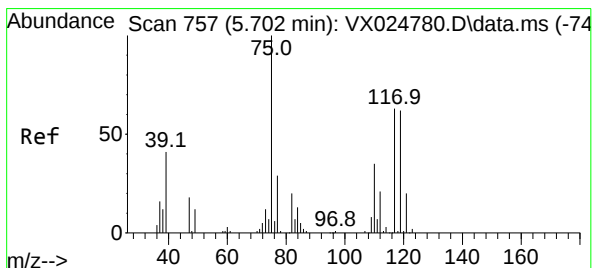
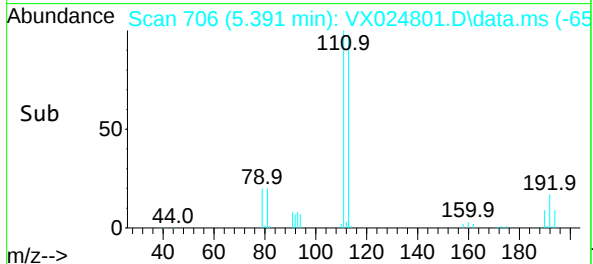
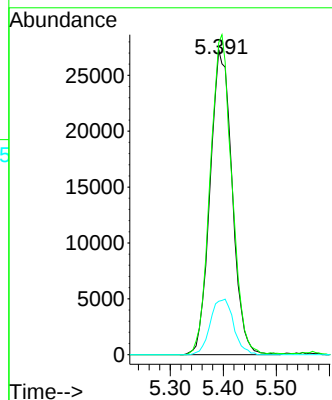
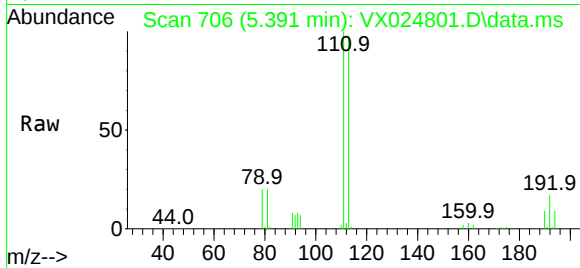




#35
Dibromofluoromethane
Concen: 57.817 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

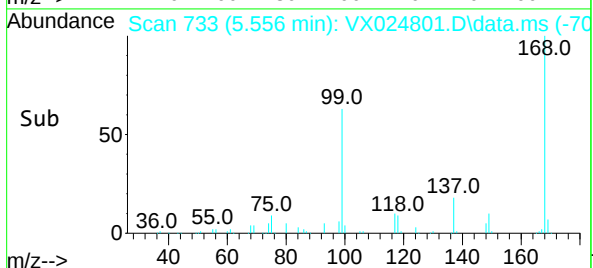
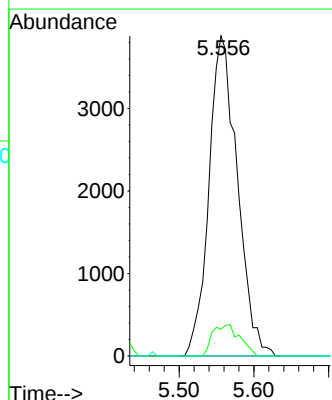
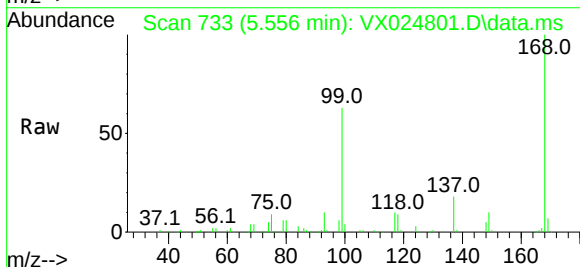
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

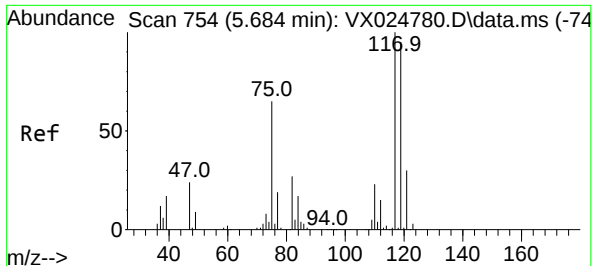
Tgt Ion:113 Resp: 78628
Ion Ratio Lower Upper
113 100
111 103.5 82.1 123.1
192 19.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.066 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

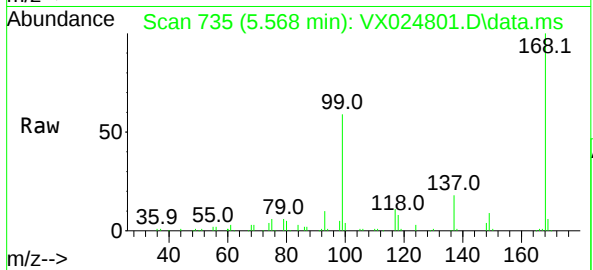
Tgt Ion: 75 Resp: 10242
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.3#
77 0.0 24.4 36.6#



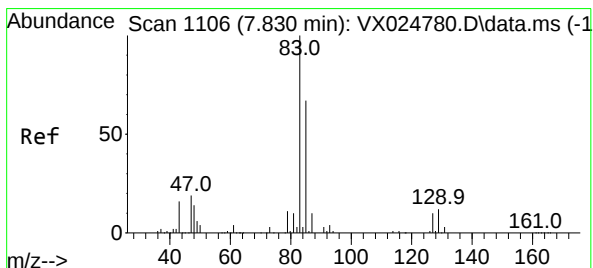
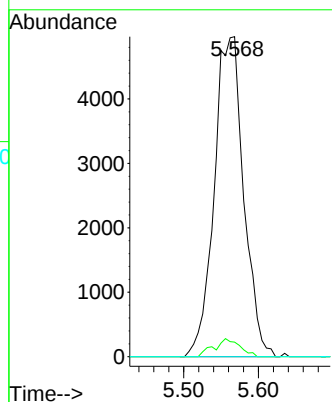
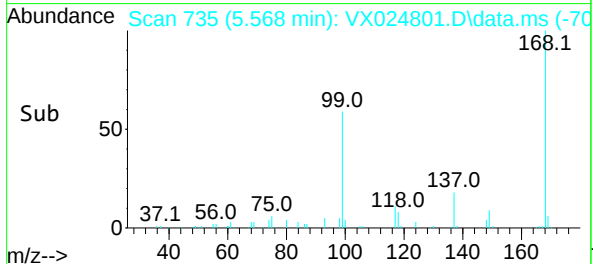


#38
Carbon Tetrachloride
Concen: 6.004 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

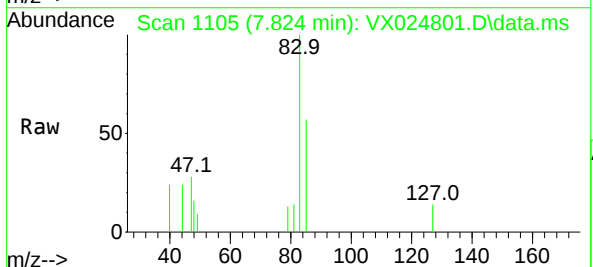
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)



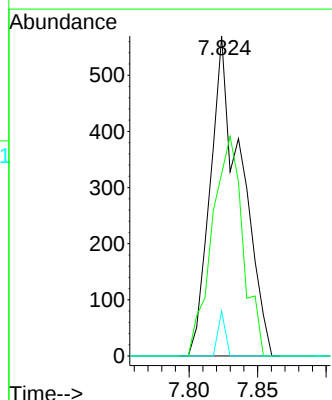
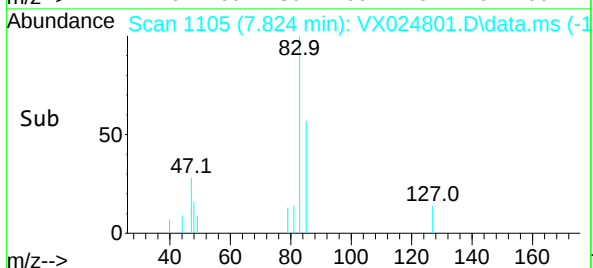
Tgt Ion:117 Resp: 13599
Ion Ratio Lower Upper
117 100
119 4.5 75.6 113.4#
121 0.0 23.7 35.5#

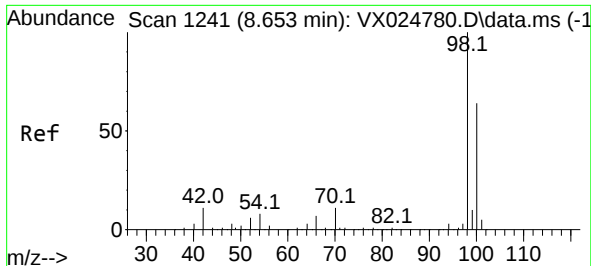


#47
Bromodichloromethane
Concen: 0.433 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19



Tgt Ion: 83 Resp: 896
Ion Ratio Lower Upper
83 100
85 57.0 53.5 80.3
127 14.0 7.7 11.5#

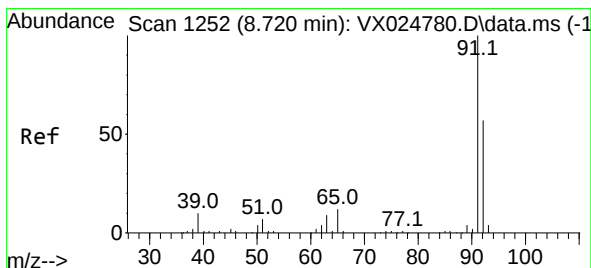
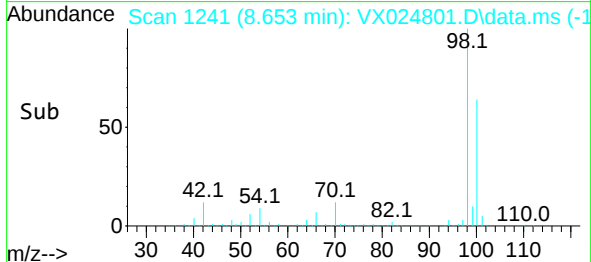
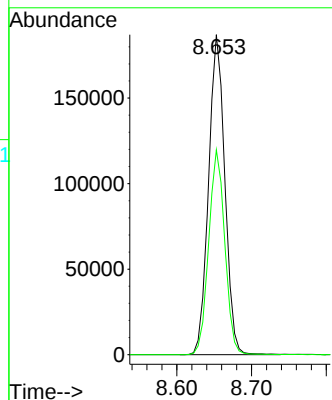
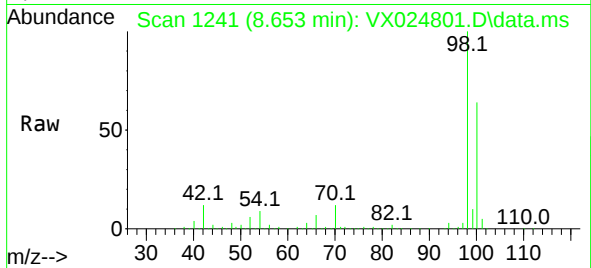




#50
Toluene-d8
Concen: 56.230 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

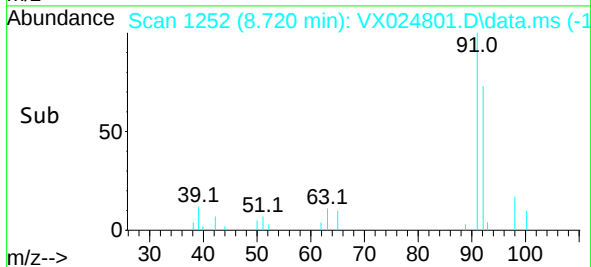
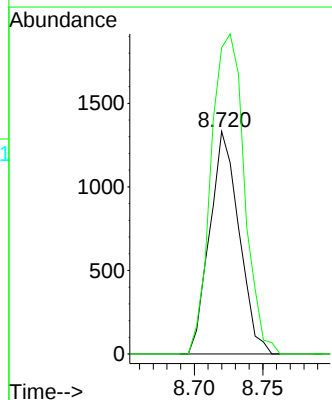
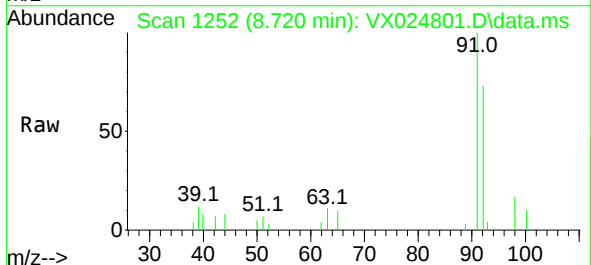
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

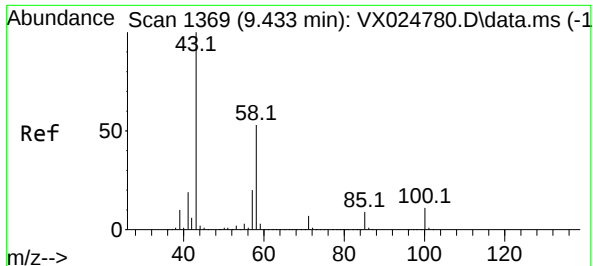
Tgt Ion: 98 Resp: 282862
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.0



#52
Toluene
Concen: 0.526 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

Tgt Ion: 92 Resp: 1979
Ion Ratio Lower Upper
92 100
91 163.3 138.6 208.0

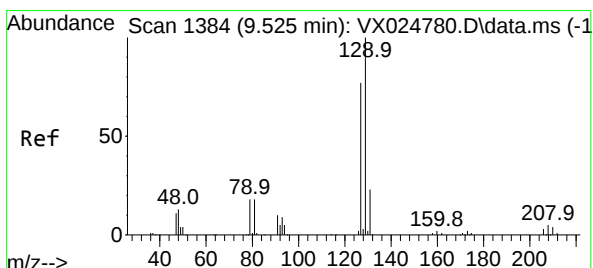
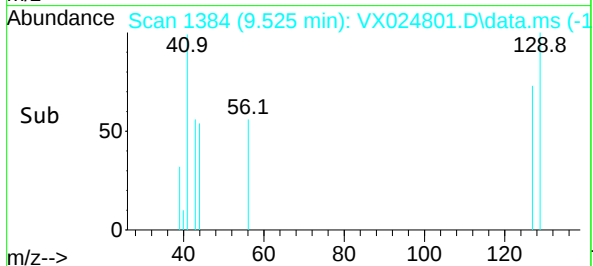
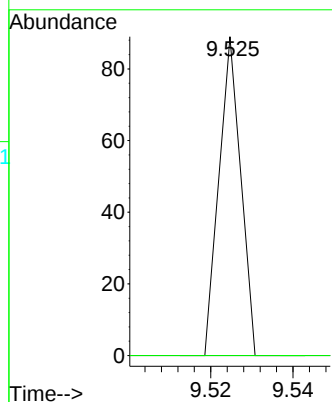
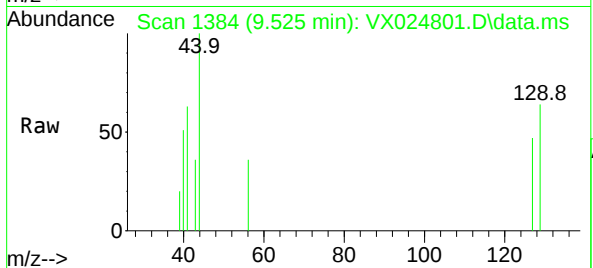




#59
2-Hexanone
Concen: Below Cal
RT: 9.525 min Scan# 1384
Delta R.T. 0.092 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

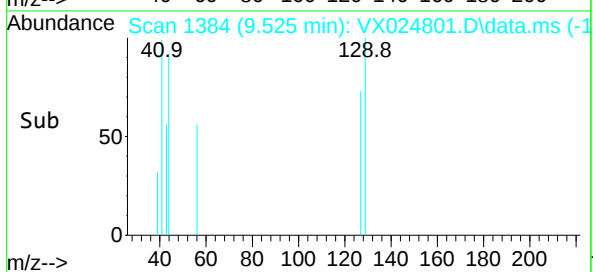
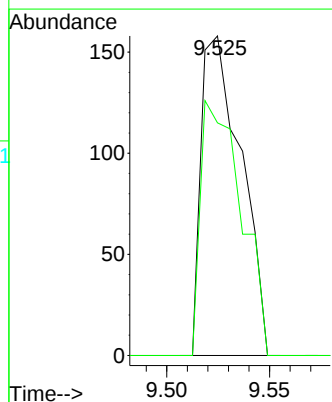
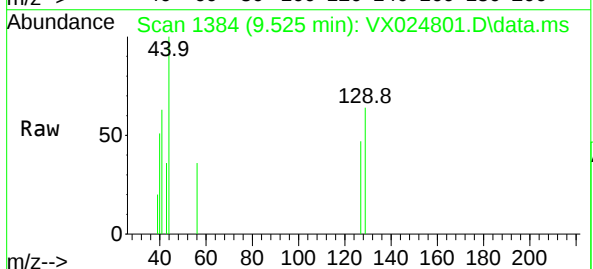
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

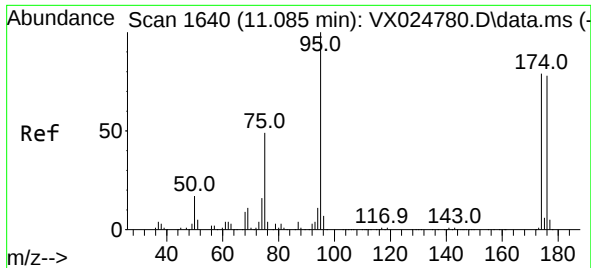
Tgt Ion: 43 Resp: 33
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#



#60
Dibromochloromethane
Concen: 0.905 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

Tgt Ion: 129 Resp: 213
Ion Ratio Lower Upper
129 100
127 81.2 38.5 115.5

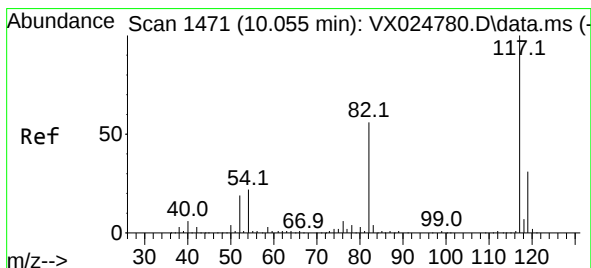
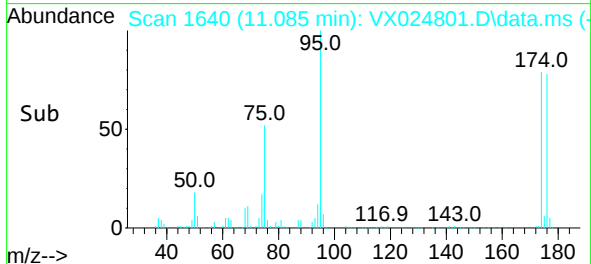
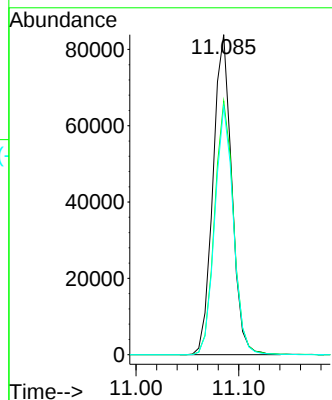
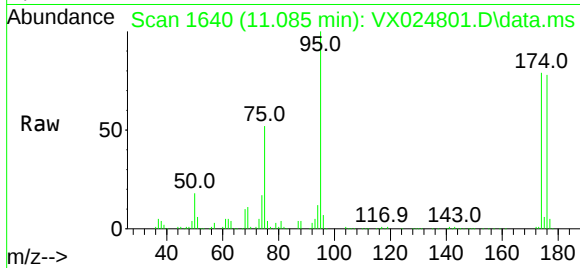




#62
4-Bromofluorobenzene
Concen: 53.664 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

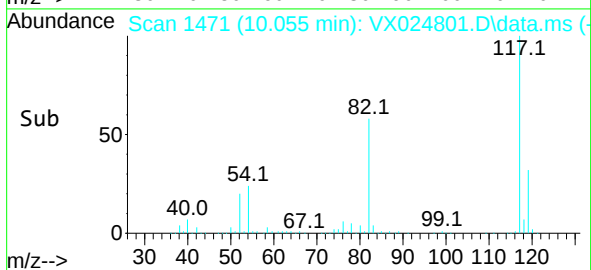
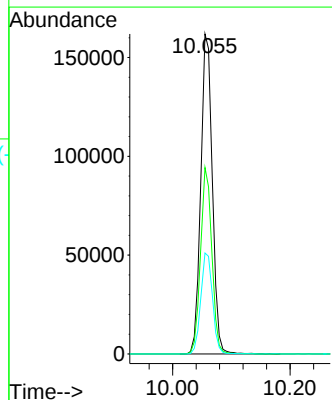
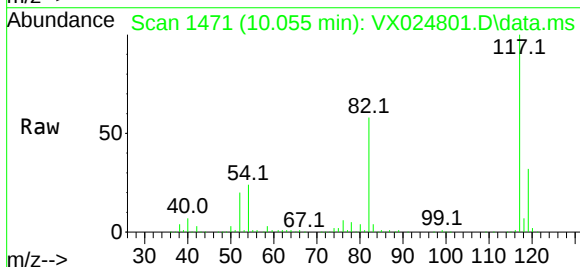
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

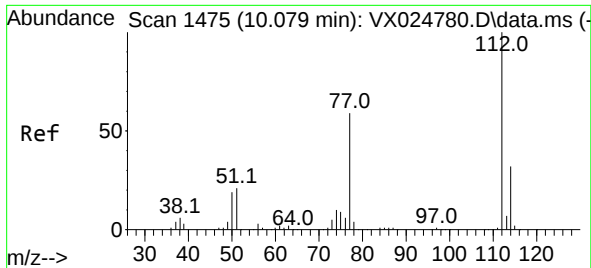
Tgt Ion:	95	Resp:	106175
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	158.0
176	76.7	0.0	153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

Tgt Ion:	117	Resp:	221348
Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.6	67.0
119	31.5	24.8	37.2

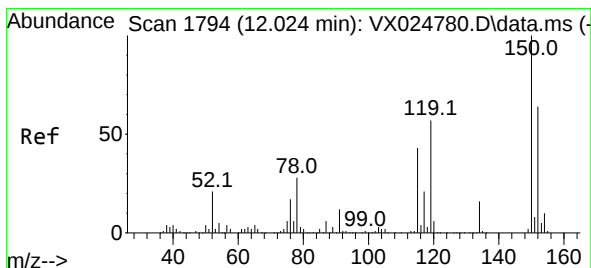
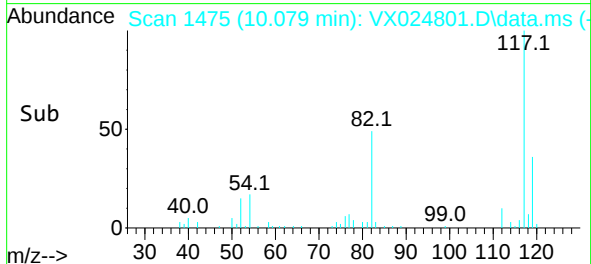
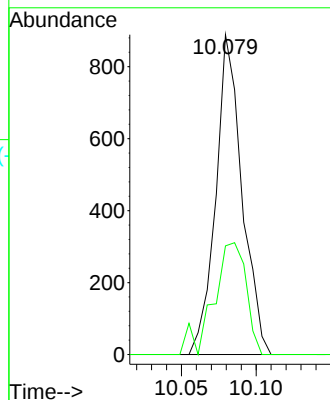
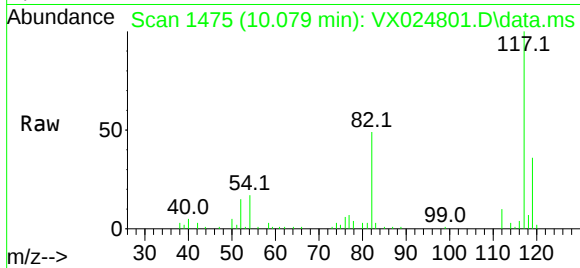




#65
Chlorobenzene
Concen: 0.251 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

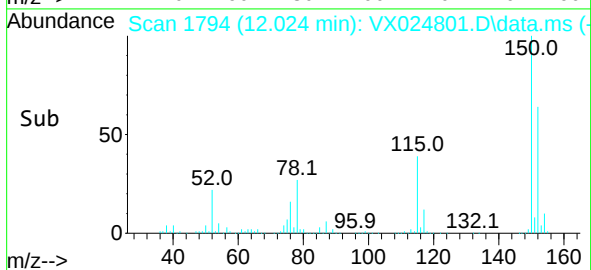
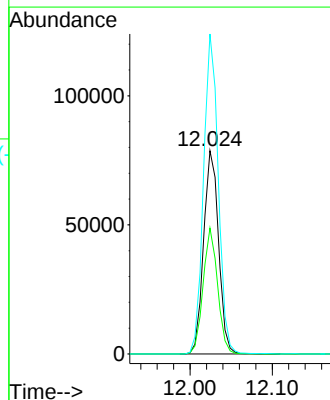
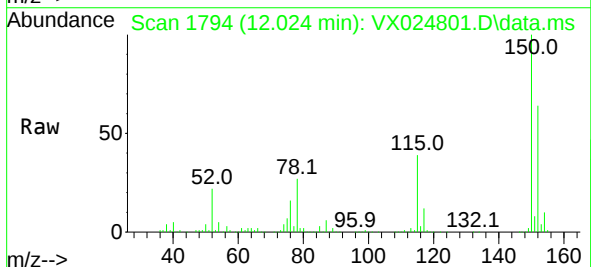
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

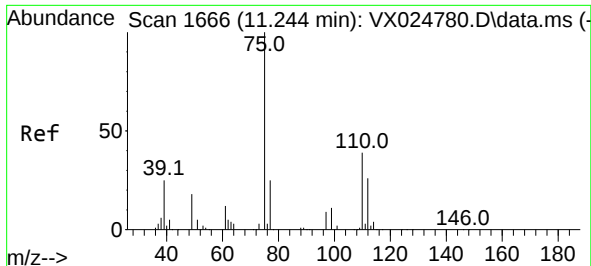
Tgt Ion:112 Resp: 1086
Ion Ratio Lower Upper
112 100
114 34.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

Tgt Ion:152 Resp: 99417
Ion Ratio Lower Upper
152 100
115 60.0 43.3 129.8
150 155.2 0.0 351.2

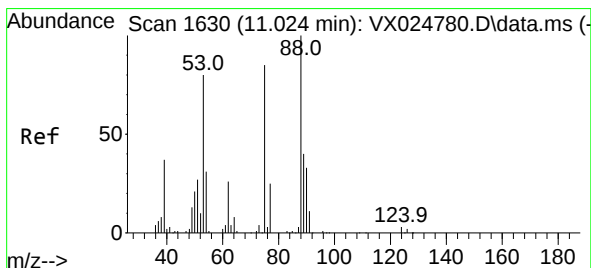
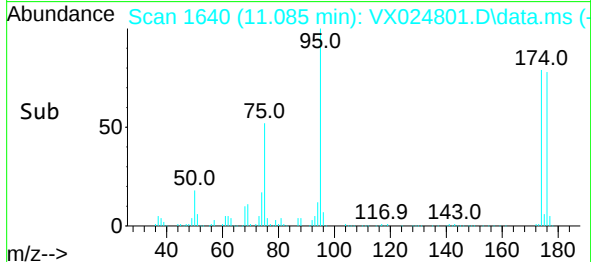
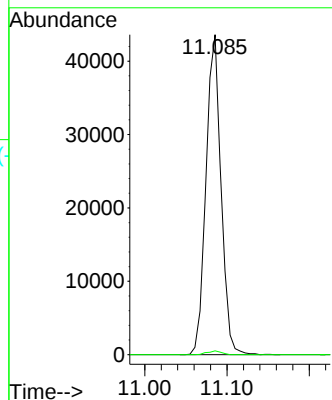
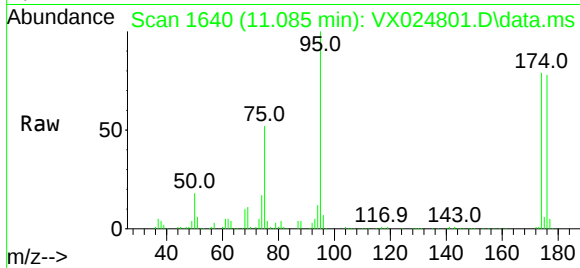




#76
1,2,3-Trichloropropane
Concen: 26.677 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

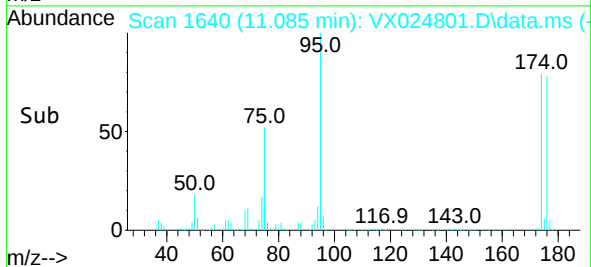
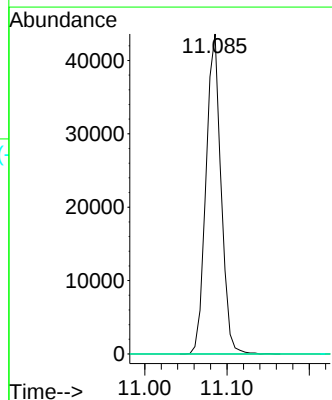
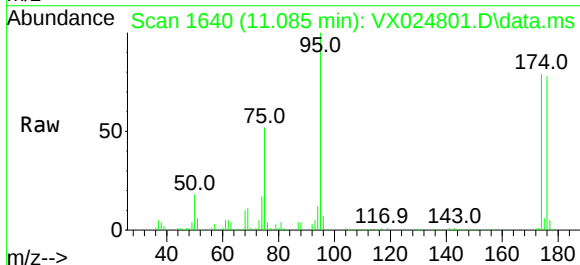
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

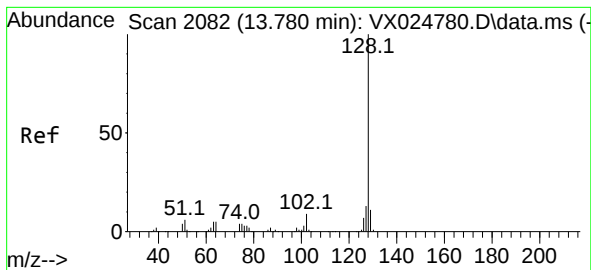
Tgt Ion: 75 Resp: 55331
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.816 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

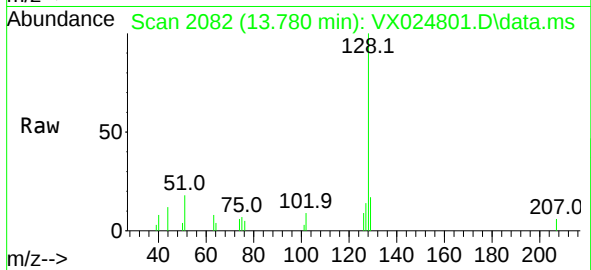
Tgt Ion: 75 Resp: 55331
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: 0.622 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024801.D
Acq: 13 Oct 2021 22:19

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



Tgt Ion:	128	Resp:	2591
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.6	8.8	13.2

