

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037982.D
 Acq On : 29 Sep 2023 17:42
 Operator : JC/MD
 Sample : 04656-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102D

Quant Time: Sep 29 23:08:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

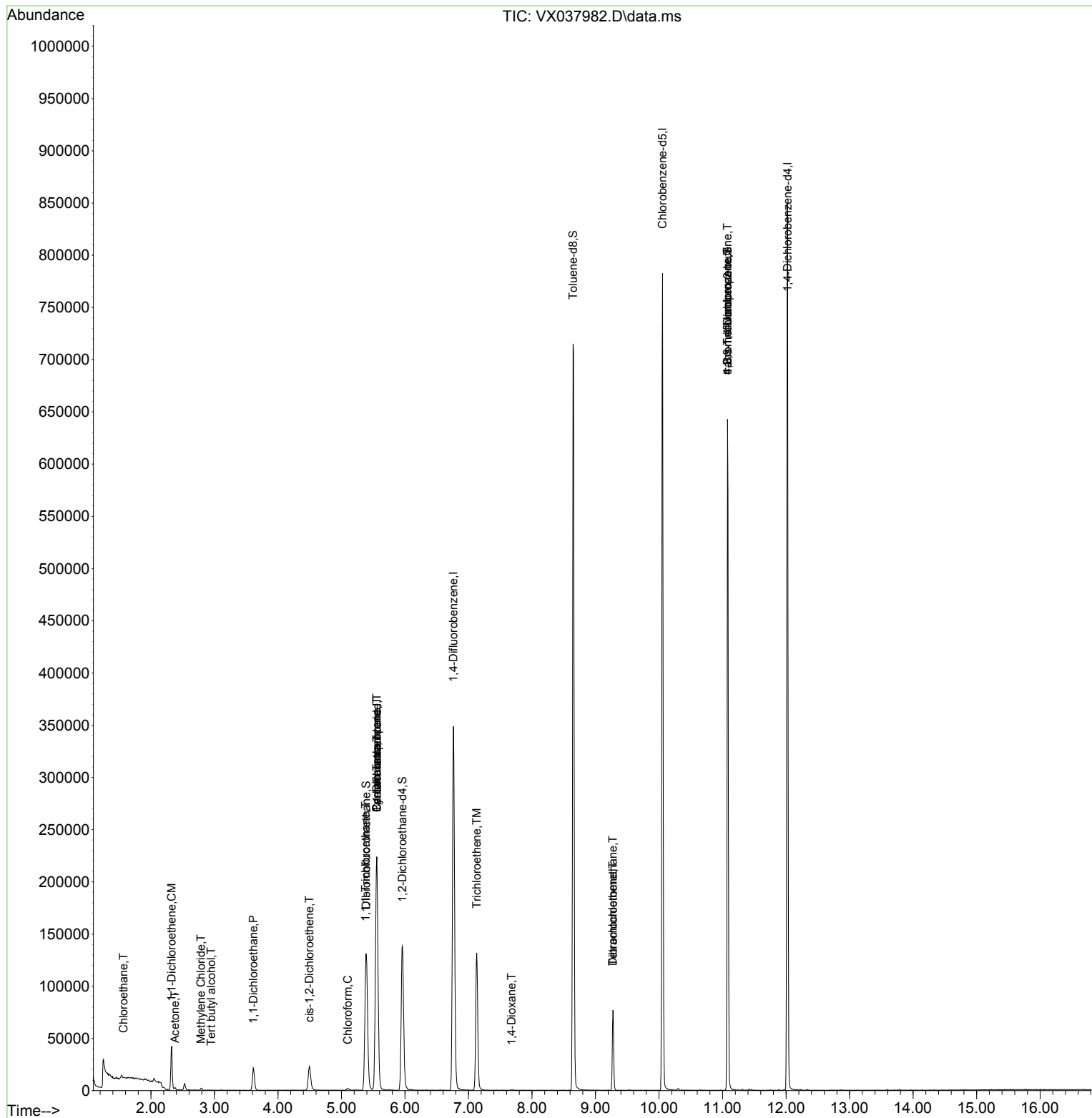
Internal Standards						
1) Pentafluorobenzene	5.556	168	212820	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	363260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135182	48.346	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.700%		
35) Dibromofluoromethane	5.385	113	114030	46.915	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.820%		
50) Toluene-d8	8.647	98	445453	49.324	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.640%		
62) 4-Bromofluorobenzene	11.079	95	167633	51.080	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.160%		
Target Compounds						
						Qvalue
6) Chloroethane	1.569	64	1308	0.721	ug/l	# 43
11) Tert butyl alcohol	2.946	59	128	0.213	ug/l	# 78
12) 1,1-Dichloroethene	2.325	96	13889	6.689	ug/l	83
16) Acetone	2.379	43	2171	1.614	ug/l	# 86
20) Methylene Chloride	2.788	84	889	0.332	ug/l	# 86
24) 1,1-Dichloroethane	3.611	63	22444	5.200	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	15621	5.527	ug/l	79
30) Chloroform	5.098	83	2100	0.452	ug/l	# 83
31) Cyclohexane	5.556	56	4471	1.246	ug/l	# 1
32) 1,1,1-Trichloroethane	5.379	97	2956	0.751	ug/l	# 39
36) 1,1-Dichloropropene	5.556	75	16401	4.898	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	22629	6.459	ug/l	# 14
44) Trichloroethene	7.129	130	52616	18.350	ug/l	97
49) 1,4-Dioxane	7.677	88	611	8.283	ug/l	# 46
60) Dibromochloromethane	9.275	129	14331	5.142	ug/l	# 11
64) Tetrachloroethene	9.275	164	13786	5.696	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	86461	20.048	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	86461	64.221	ug/l	# 5

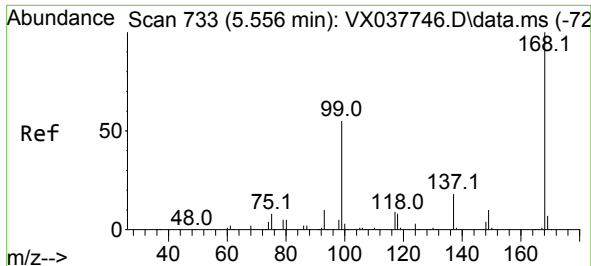
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

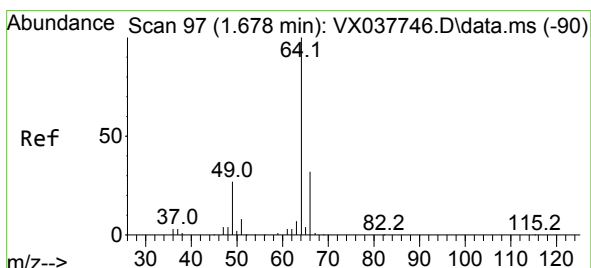
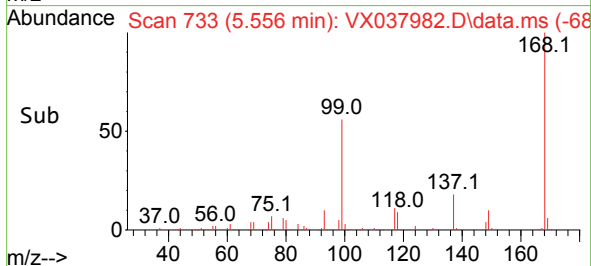
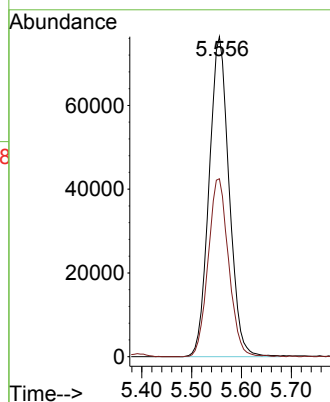
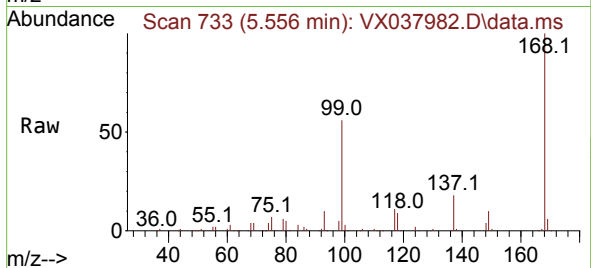




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

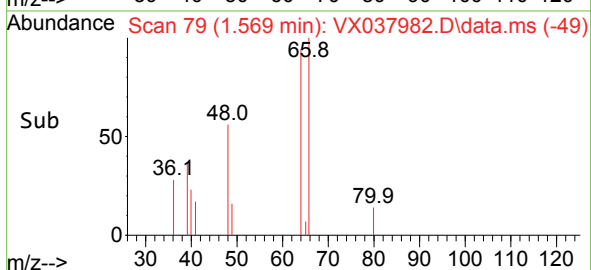
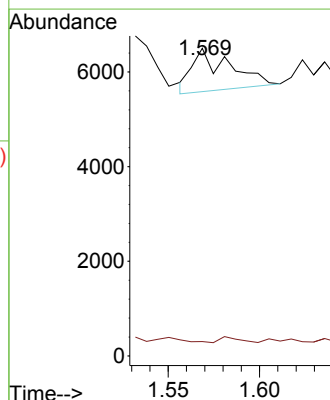
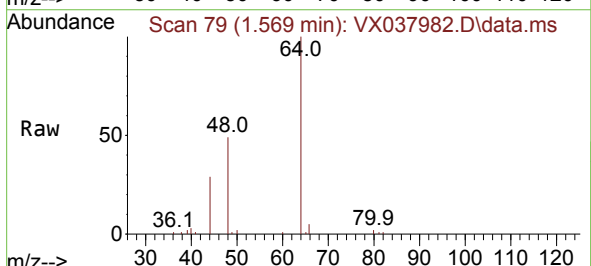
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

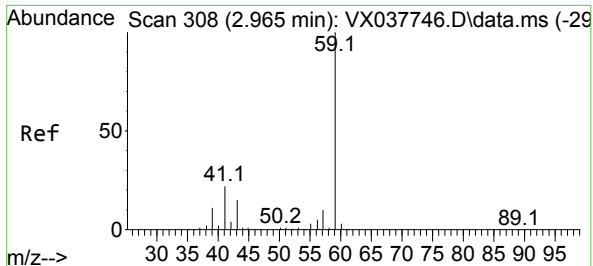
Tgt Ion:168 Resp: 212820
Ion Ratio Lower Upper
168 100
99 55.6 56.6 85.0#



#6
Chloroethane
Concen: 0.721 ug/l
RT: 1.569 min Scan# 79
Delta R.T. -0.116 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion: 64 Resp: 1308
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.213 ug/l

RT: 2.946 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX037982.D

Acq: 29 Sep 2023 17:42

Instrument :

MSVOA_X

ClientSampleId :

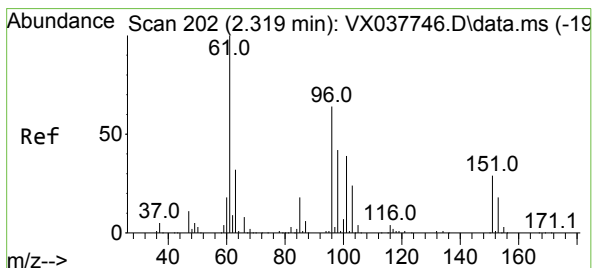
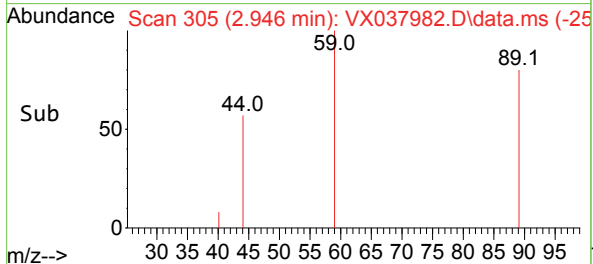
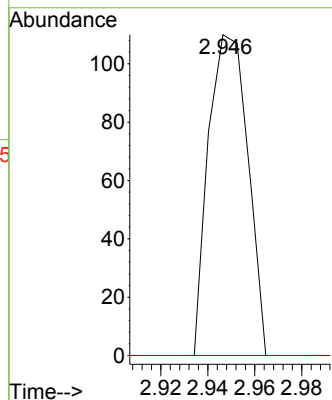
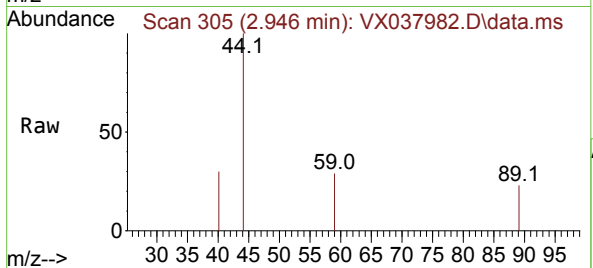
MW-102D

Tgt Ion: 59 Resp: 128

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 6.689 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX037982.D

Acq: 29 Sep 2023 17:42

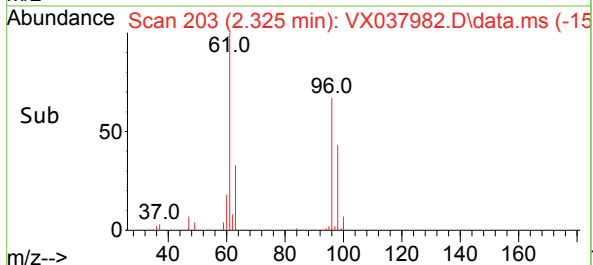
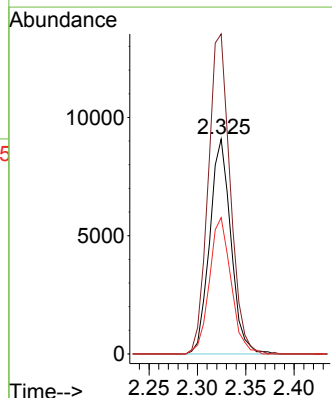
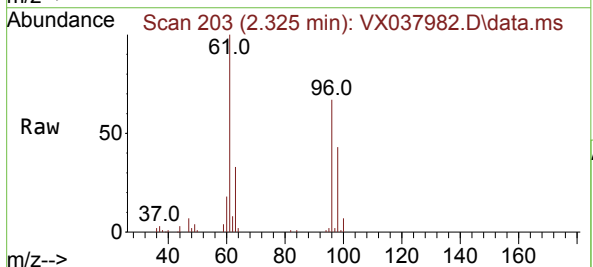
Tgt Ion: 96 Resp: 13889

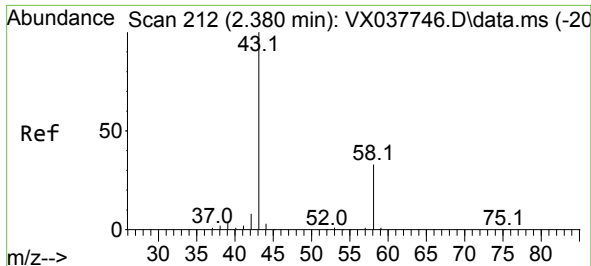
Ion Ratio Lower Upper

96 100

61 149.0 144.6 216.8

98 63.4 50.4 75.6

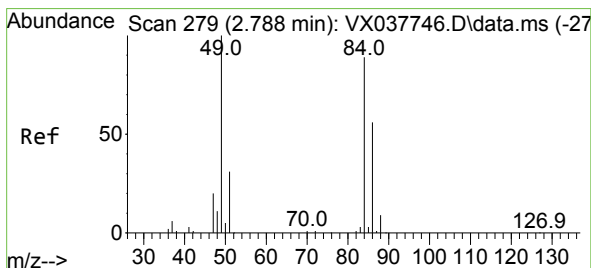
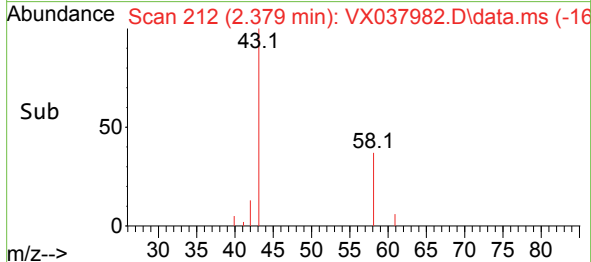
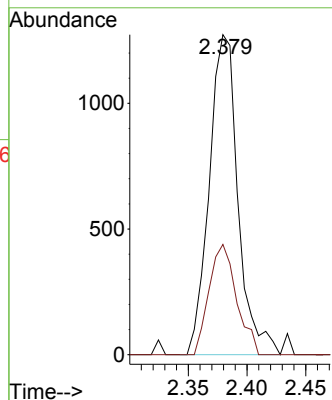
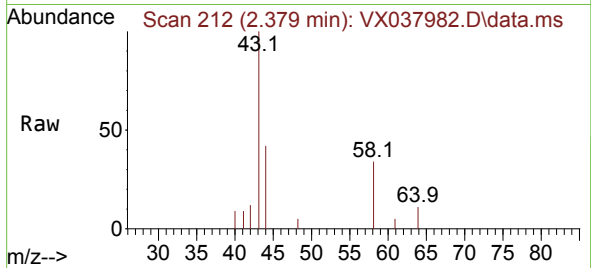




#16
Acetone
Concen: 1.614 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

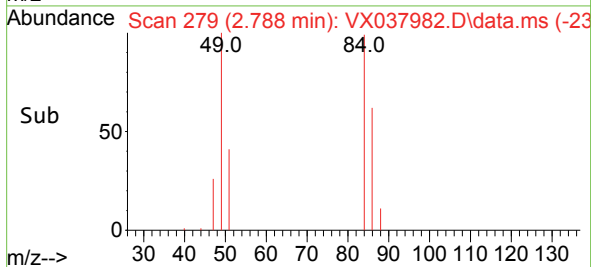
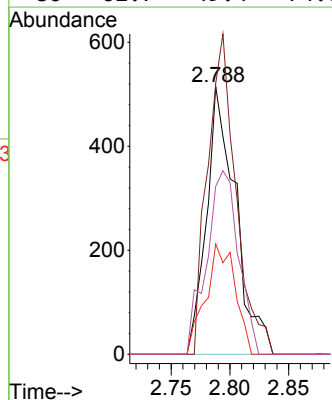
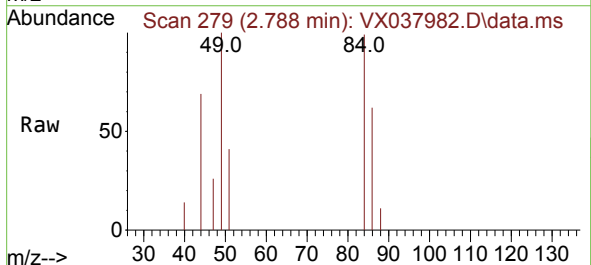
Instrument :
MSVOA_X
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MW-102D

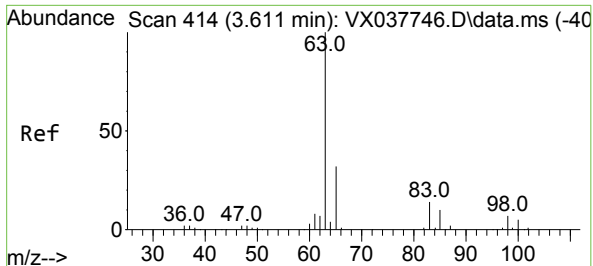
Tgt Ion: 43 Resp: 2171
Ion Ratio Lower Upper
43 100
58 34.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.332 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion: 84 Resp: 889
Ion Ratio Lower Upper
84 100
49 101.2 103.6 155.4#
51 41.2 33.8 50.6
86 62.7 49.4 74.0

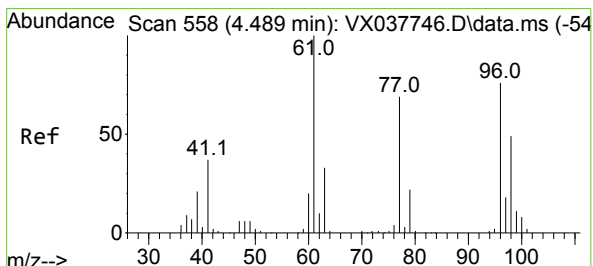
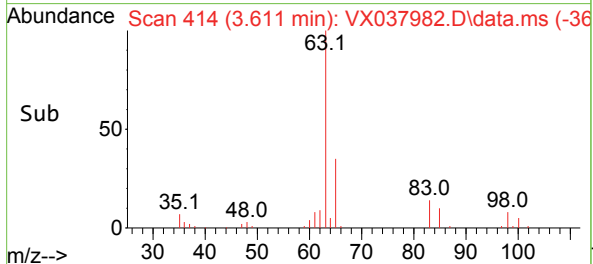
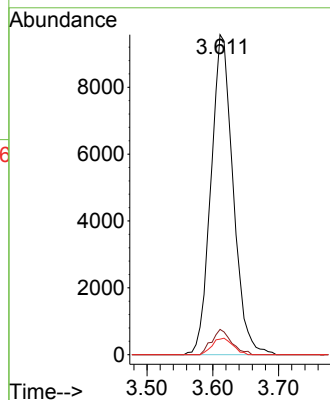
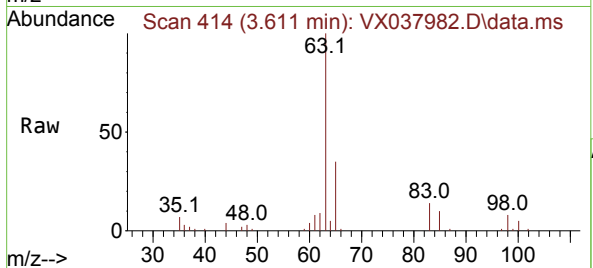




#24
1,1-Dichloroethane
Concen: 5.200 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

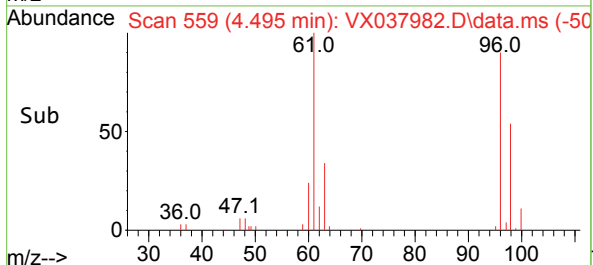
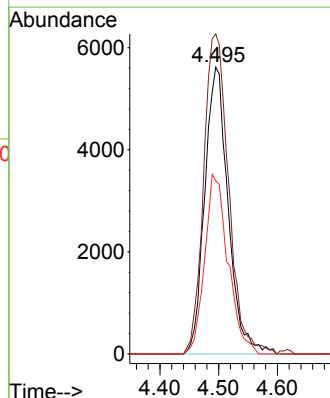
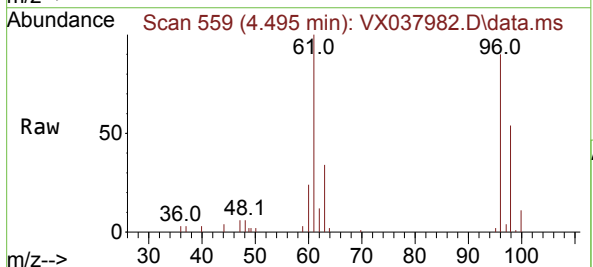
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

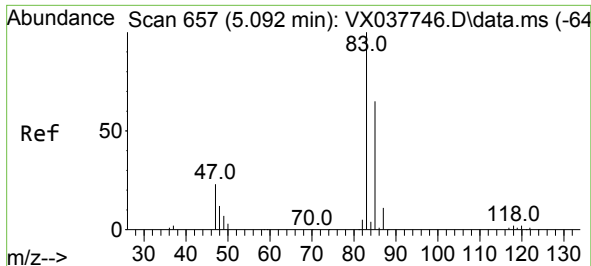
Tgt Ion: 63 Resp: 22444
Ion Ratio Lower Upper
63 100
98 7.9 3.3 9.8
100 4.9 2.1 6.5



#27
cis-1,2-Dichloroethene
Concen: 5.527 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion: 96 Resp: 15621
Ion Ratio Lower Upper
96 100
61 118.8 0.0 312.2
98 62.2 0.0 129.0

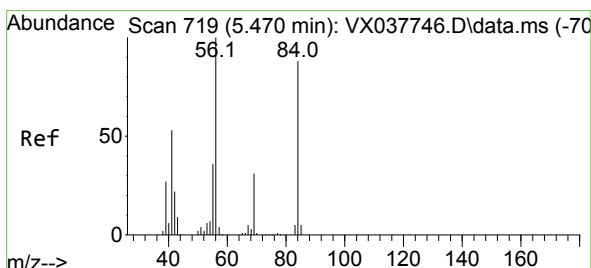
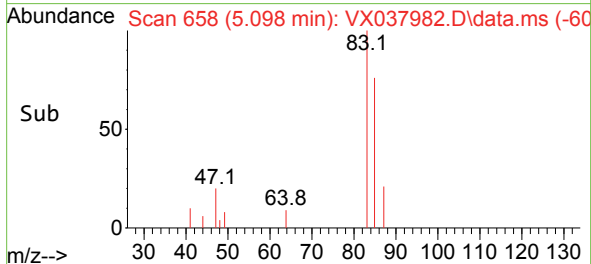
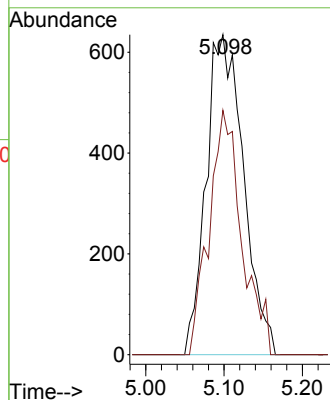
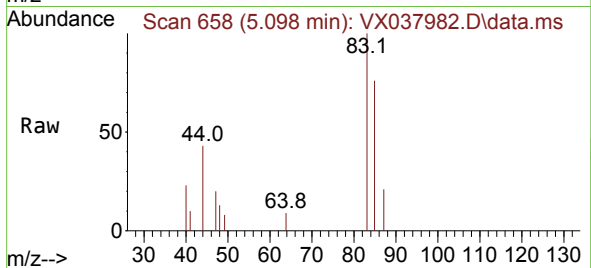




#30
Chloroform
Concen: 0.452 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

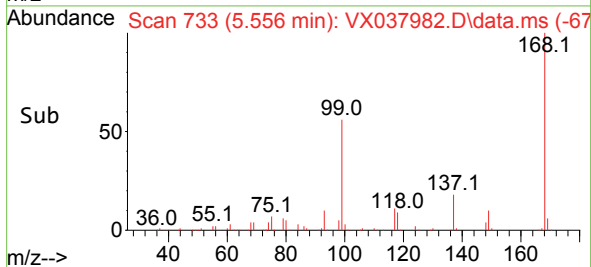
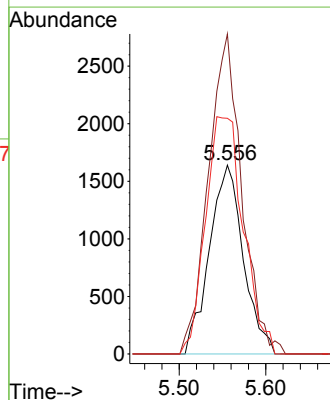
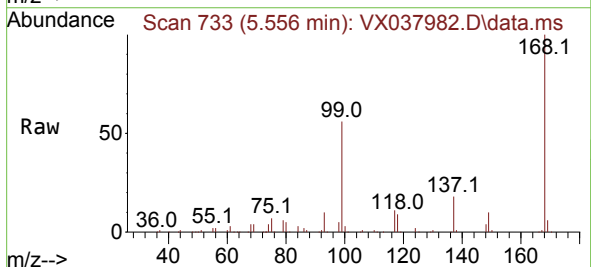
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ClientSampleId :
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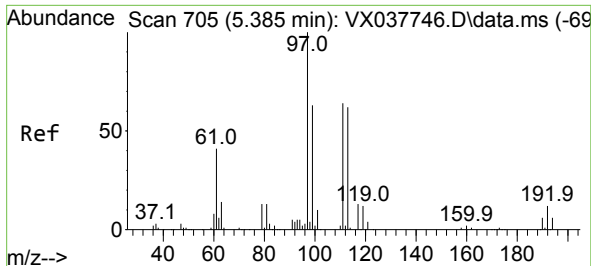
Tgt Ion: 83 Resp: 2100
Ion Ratio Lower Upper
83 100
85 76.4 50.3 75.5#



#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion: 56 Resp: 4471
Ion Ratio Lower Upper
56 100
69 169.4 23.4 35.2#
84 124.7 65.9 98.9#

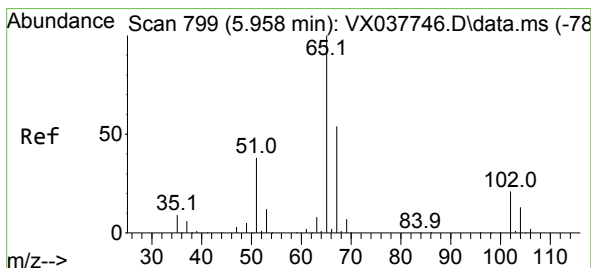
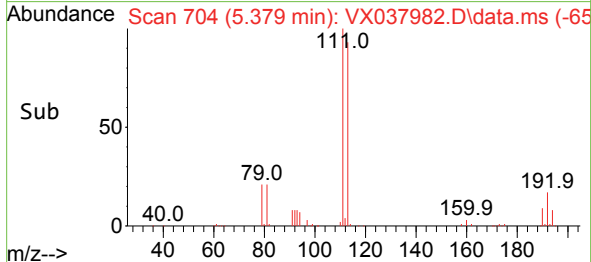
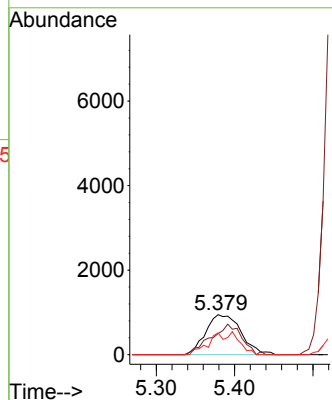
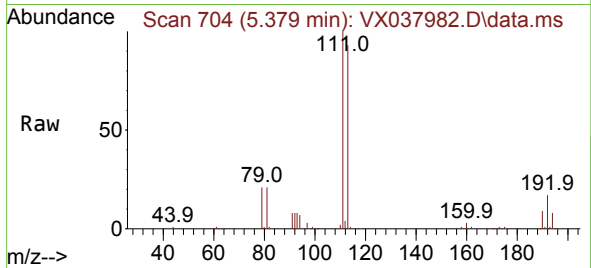




#32
1,1,1-Trichloroethane
Concen: 0.751 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

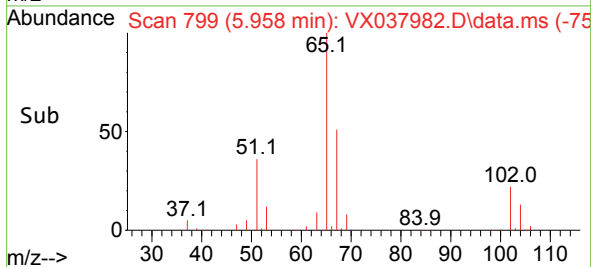
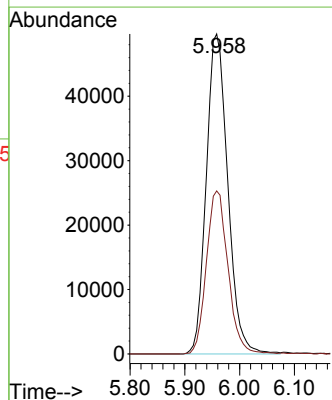
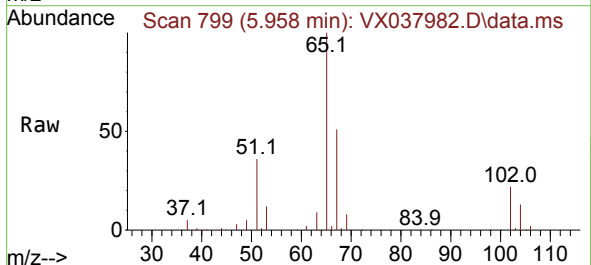
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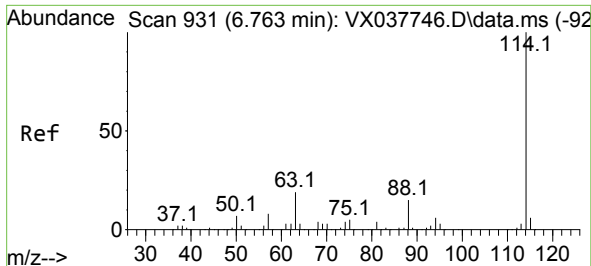
Tgt Ion: 97 Resp: 2956
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 24.6 36.4 54.6#



#33
1,2-Dichloroethane-d4
Concen: 48.346 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion: 65 Resp: 135182
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

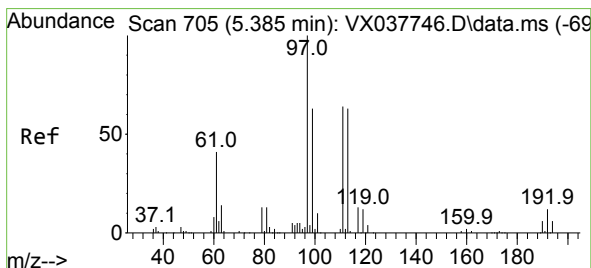
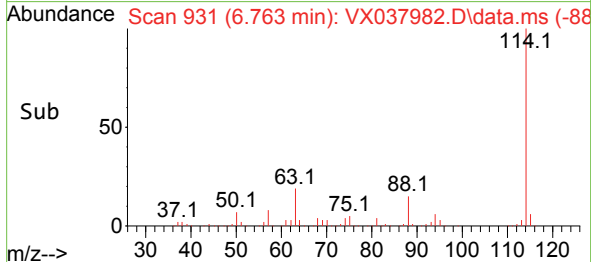
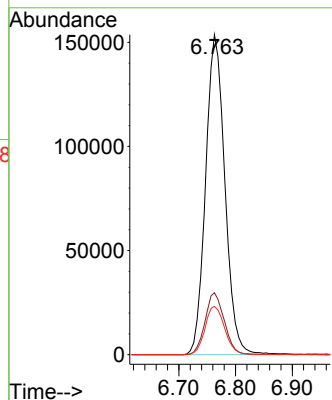
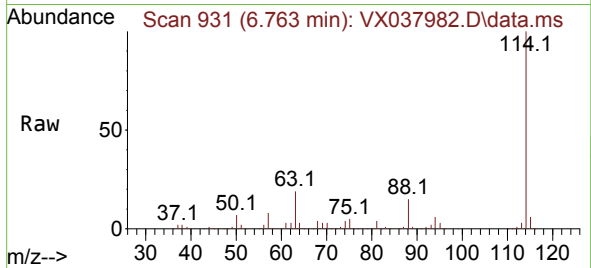




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

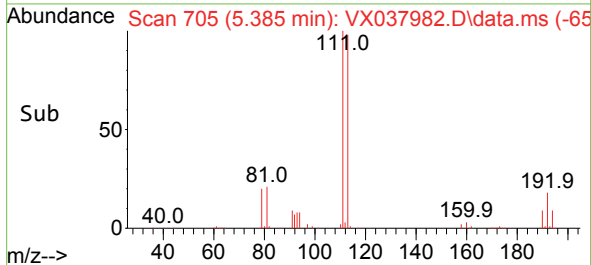
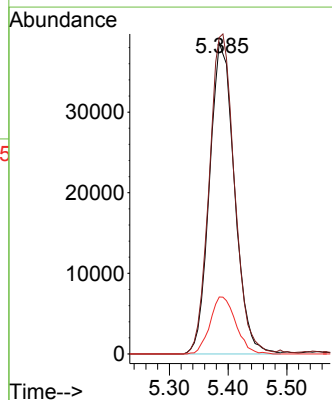
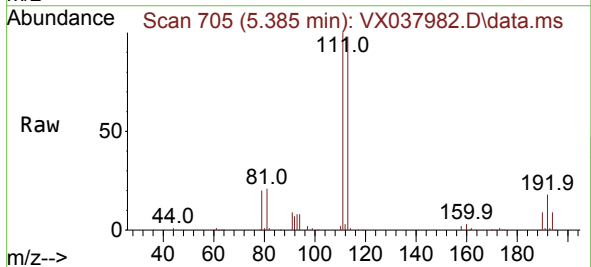
Instrument :
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ClientSampleId :
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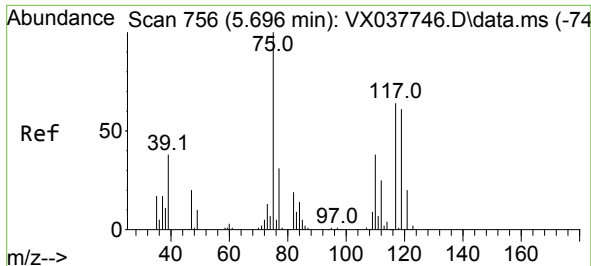
Tgt Ion:114 Resp: 363260
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.915 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion:113 Resp: 114030
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.9 13.3 19.9

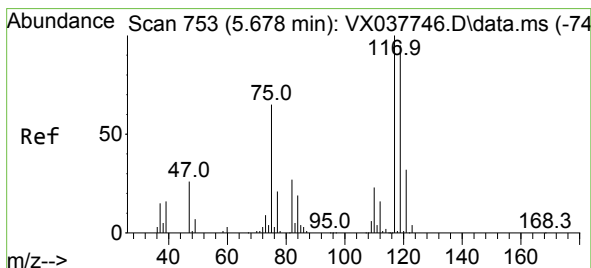
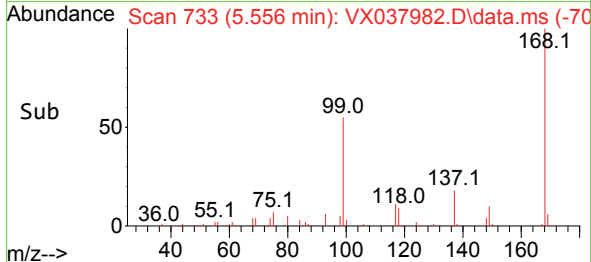
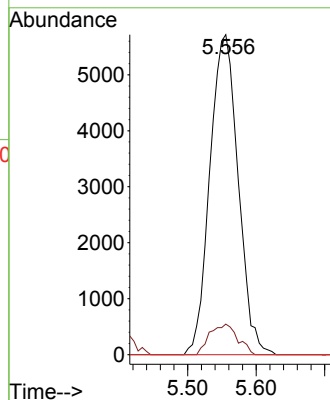
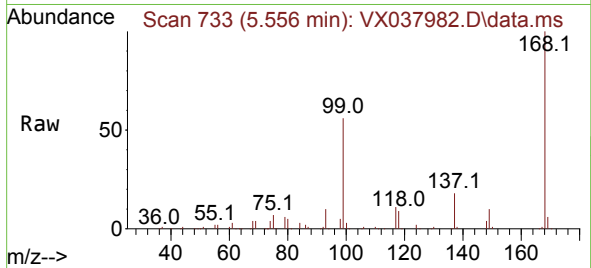




#36
1,1-Dichloropropene
Concen: 4.898 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

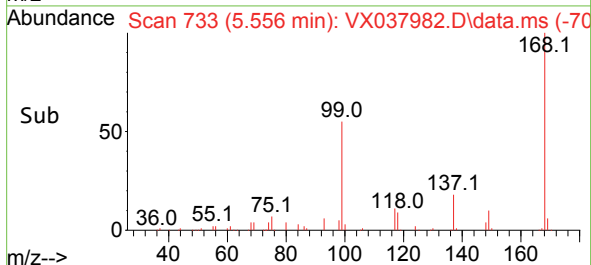
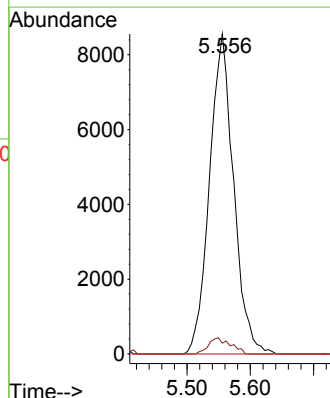
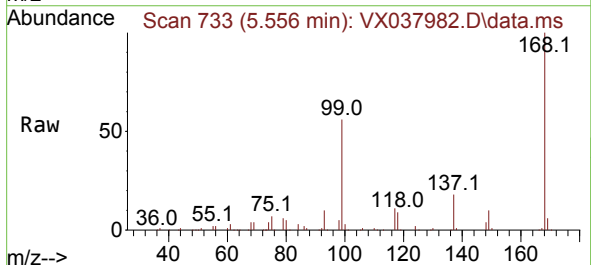
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

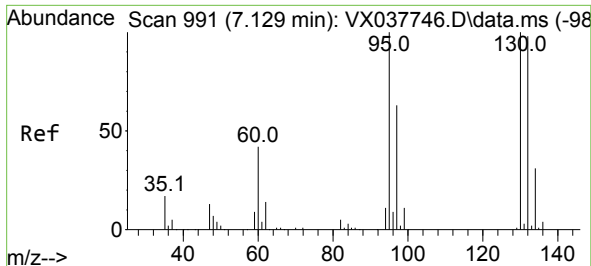
Tgt Ion: 75 Resp: 16401
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.459 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion: 117 Resp: 22629
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.2#
121 0.0 24.4 36.6#

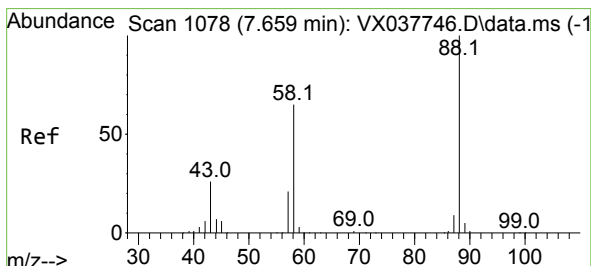
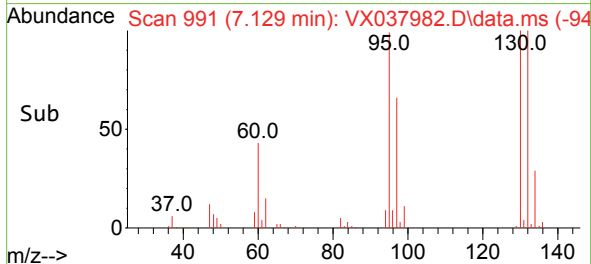
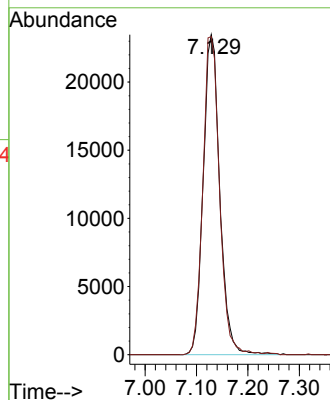
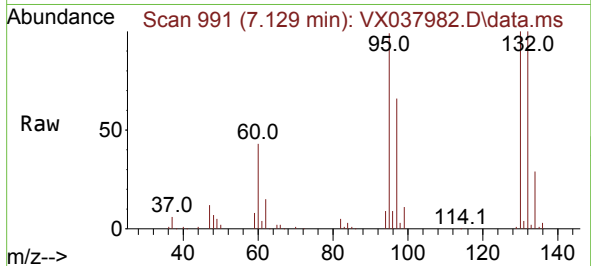




#44
Trichloroethene
Concen: 18.350 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

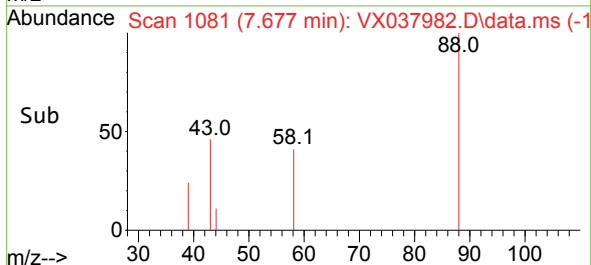
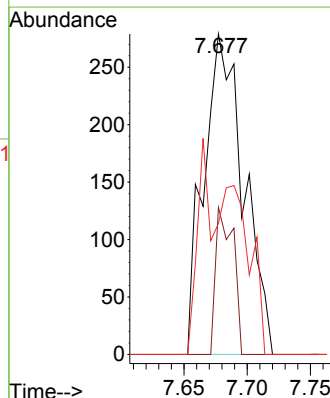
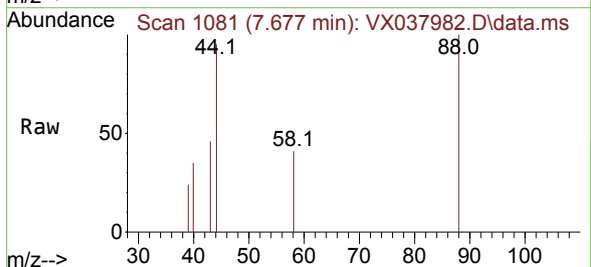
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

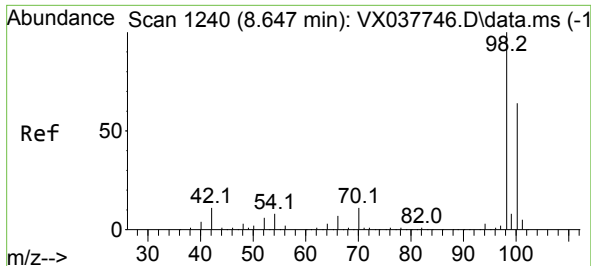
Tgt Ion:130 Resp: 52616
Ion Ratio Lower Upper
130 100
95 99.4 0.0 204.4



#49
1,4-Dioxane
Concen: 8.283 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion: 88 Resp: 611
Ion Ratio Lower Upper
88 100
43 20.3 0.0 0.0#
58 28.8 60.1 90.1#

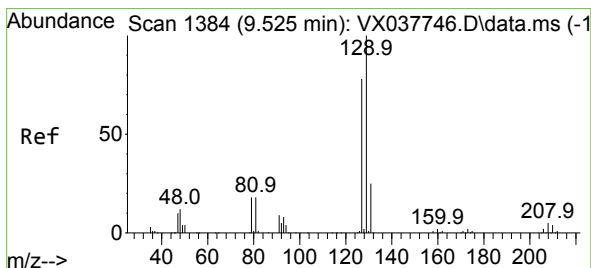
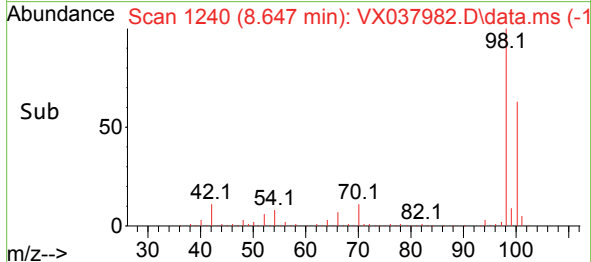
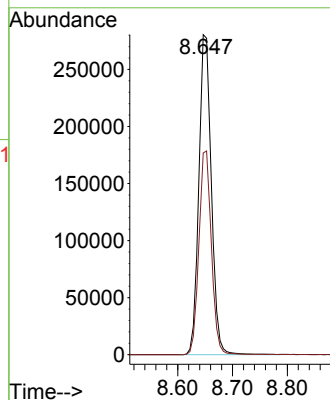
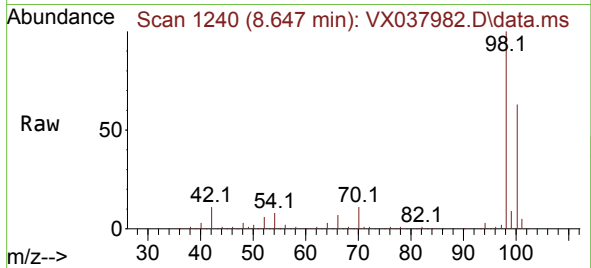




#50
Toluene-d8
Concen: 49.324 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

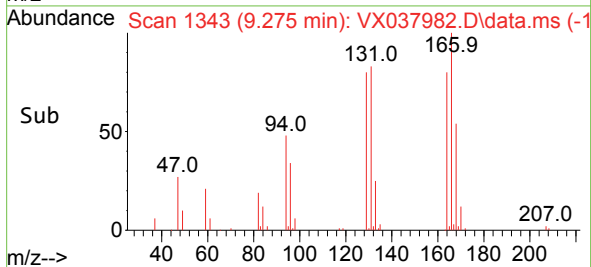
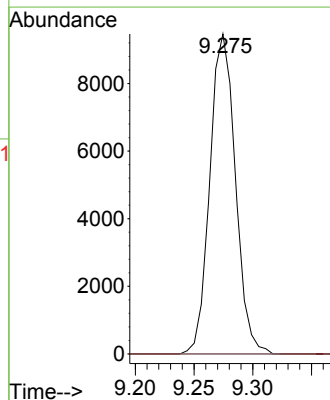
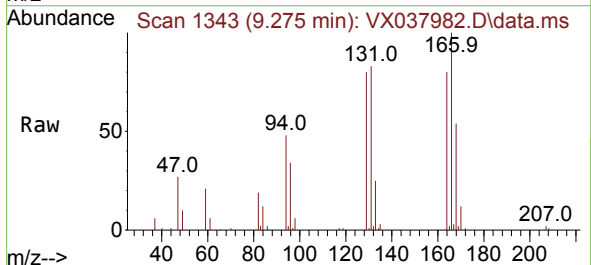
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

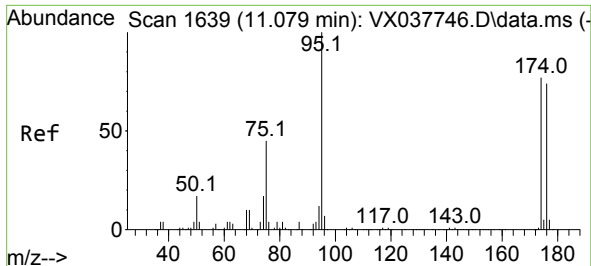
Tgt Ion: 98 Resp: 445453
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#60
Dibromochloromethane
Concen: 5.142 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion: 129 Resp: 14331
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

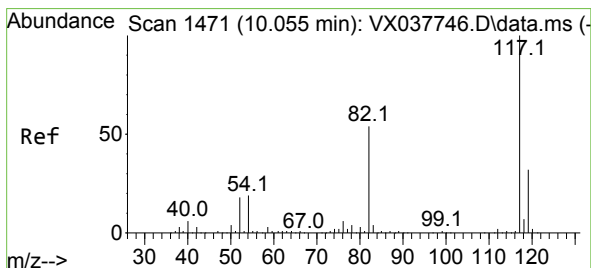
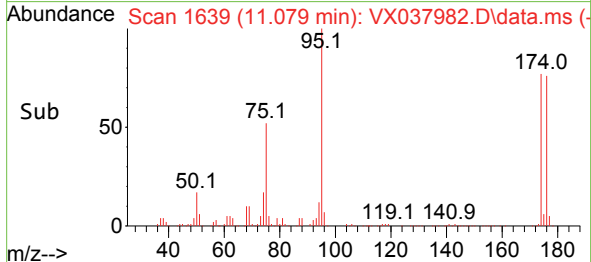
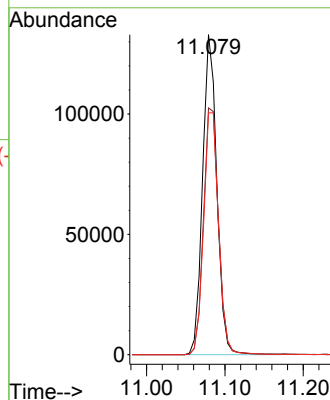
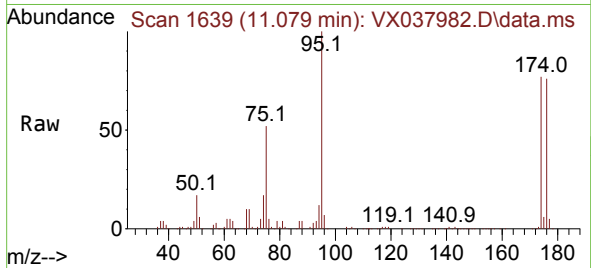




#62
4-Bromofluorobenzene
Concen: 51.080 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

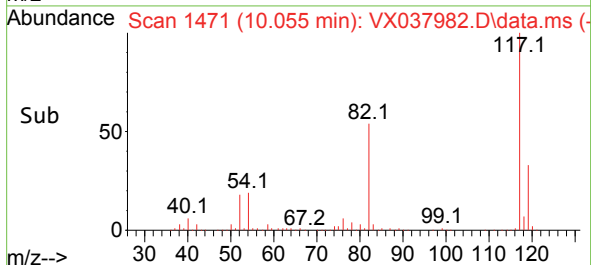
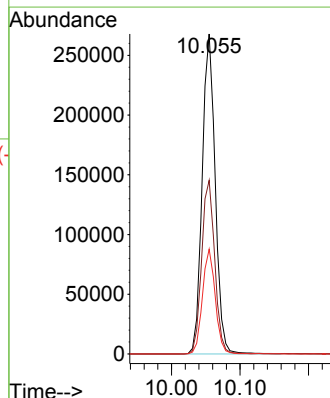
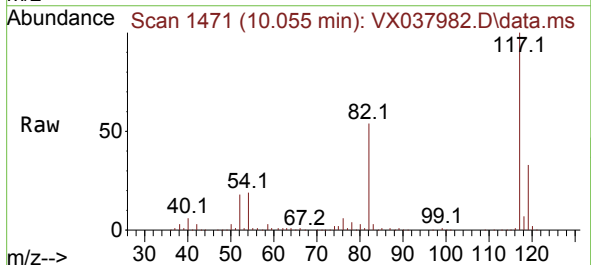
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

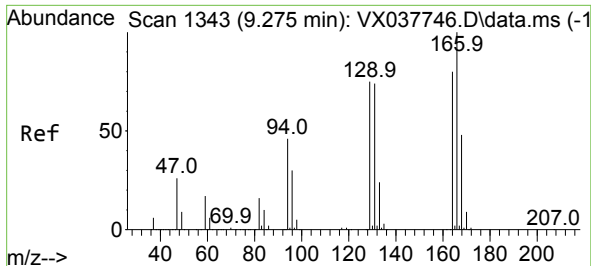
Tgt Ion: 95 Resp: 167633
Ion Ratio Lower Upper
95 100
174 81.6 0.0 135.6
176 79.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion: 117 Resp: 354878
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.8 25.5 38.3

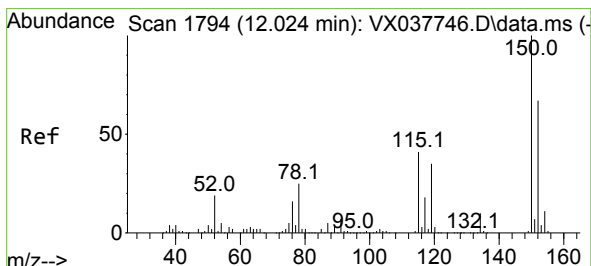
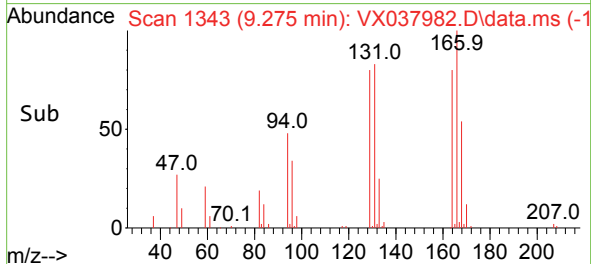
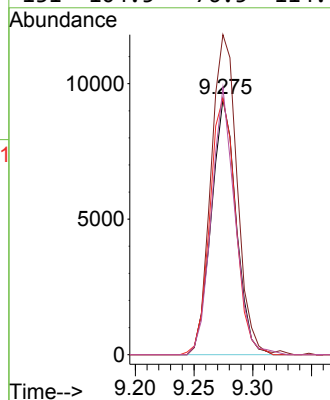
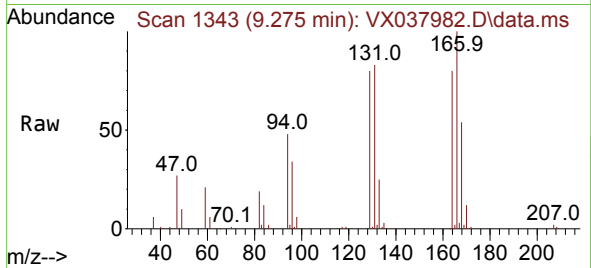




#64
Tetrachloroethene
Concen: 5.696 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

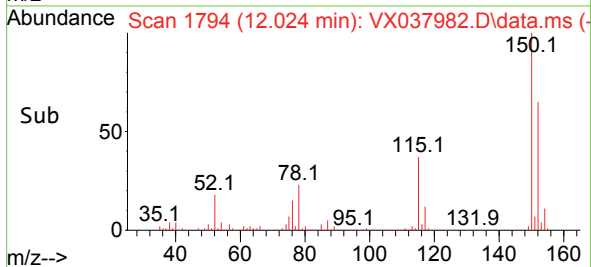
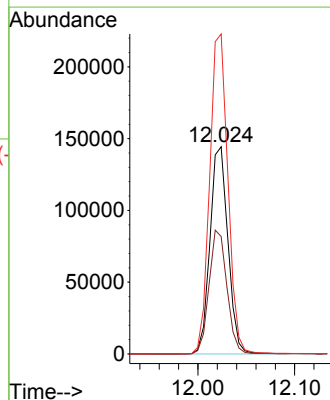
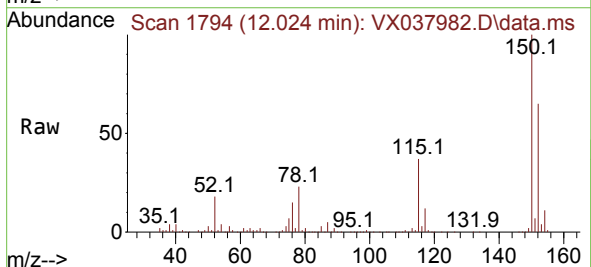
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

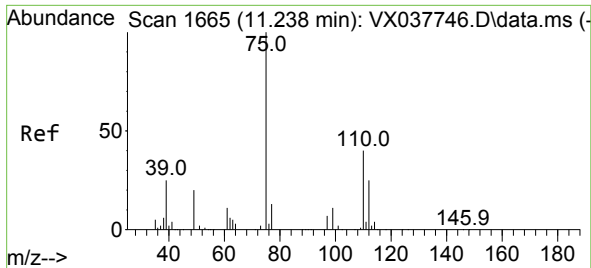
Tgt Ion:164 Resp: 13786
Ion Ratio Lower Upper
164 100
166 125.3 102.7 154.1
129 100.4 80.4 120.6
131 104.5 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion:152 Resp: 186464
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 157.0 0.0 345.0

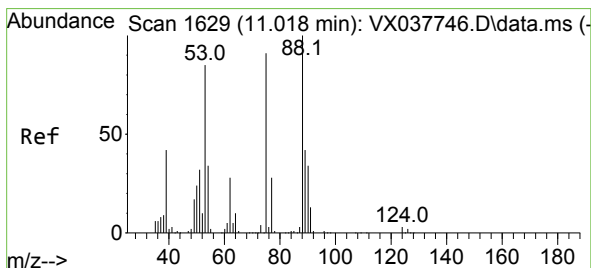
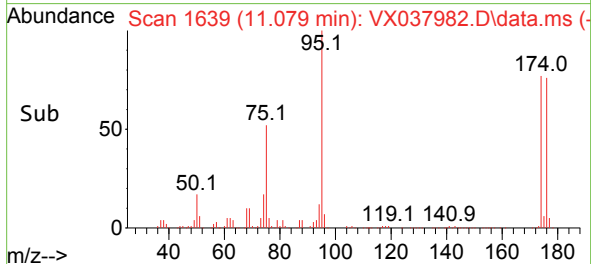
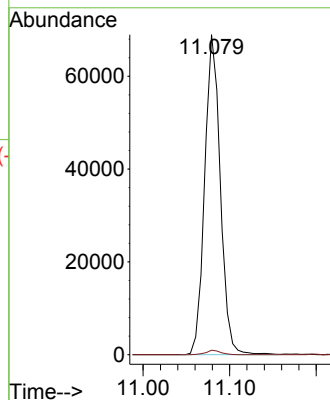
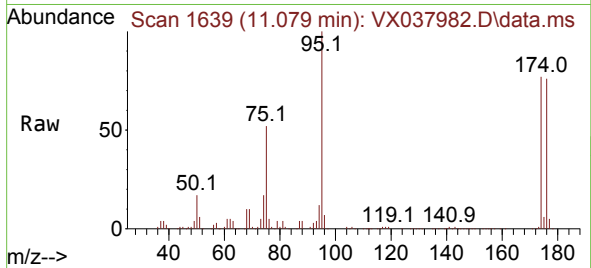




#76
1,2,3-Trichloropropane
Concen: 20.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-102D

Tgt Ion: 75 Resp: 86461
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.221 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037982.D
Acq: 29 Sep 2023 17:42

Tgt Ion: 75 Resp: 86461
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

