

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038941.D
 Acq On : 18 Nov 2023 20:09
 Operator : JC/MD
 Sample : 05404-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20231109

Quant Time: Nov 20 04:40:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

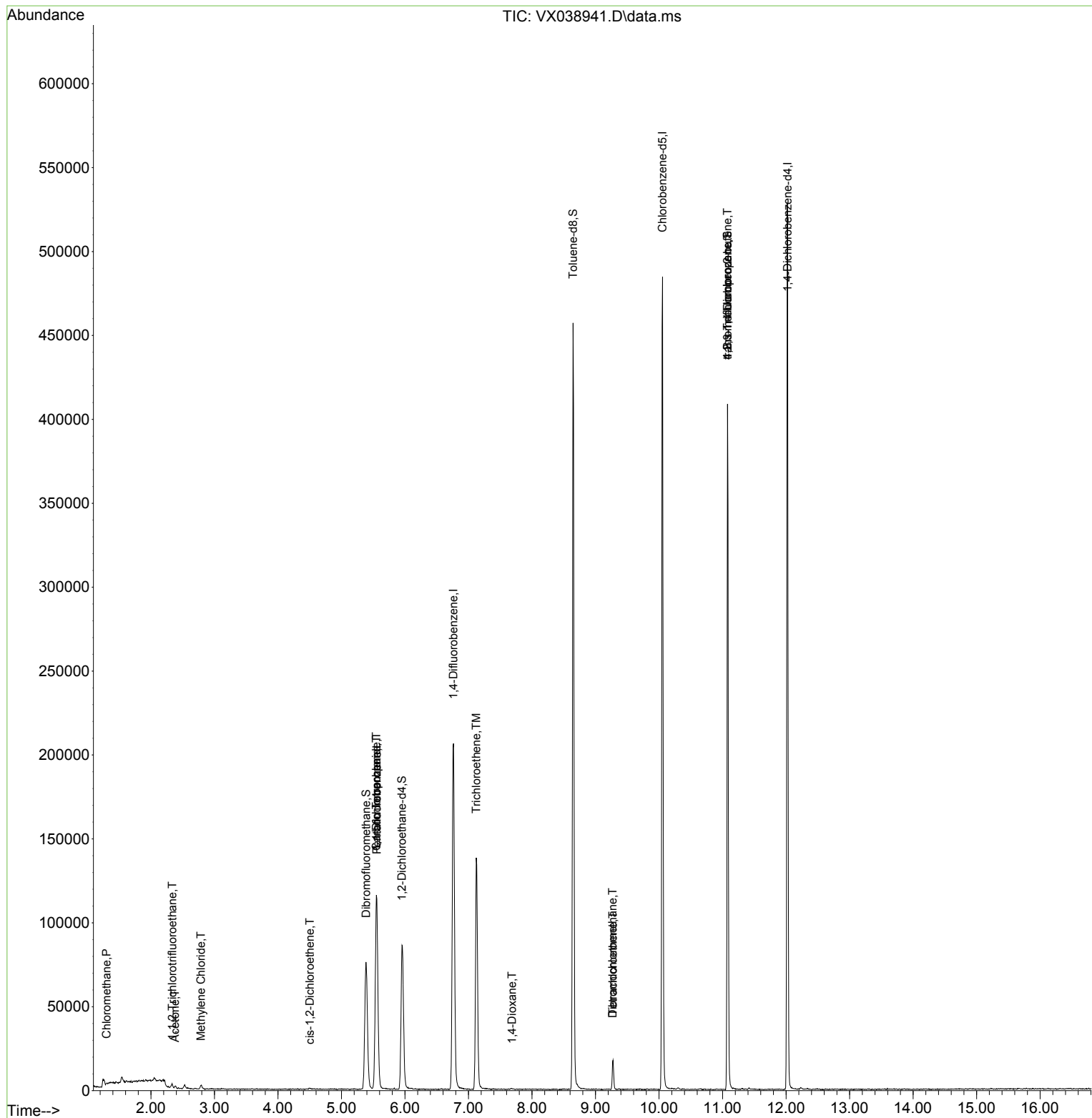
Internal Standards						
1) Pentafluorobenzene	5.556	168	103475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212390	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83560	50.116	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.240%	
35) Dibromofluoromethane	5.385	113	67549	44.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 88.080%	
50) Toluene-d8	8.647	98	269759	45.964	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.920%#	
62) 4-Bromofluorobenzene	11.079	95	112868	48.042	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	380	0.241	ug/l #	74
9) 1,1,2-Trichlorotrifluo...	2.337	101	884	0.692	ug/l #	93
16) Acetone	2.380	43	1406	1.584	ug/l #	89
20) Methylene Chloride	2.788	84	1020	0.637	ug/l	84
27) cis-1,2-Dichloroethene	4.501	96	399	0.241	ug/l	41
36) 1,1-Dichloropropene	5.550	75	9610	4.371	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11420	5.620	ug/l #	17
44) Trichloroethene	7.123	130	51844	32.756	ug/l	94
49) 1,4-Dioxane	7.684	88	408	9.496	ug/l #	96
60) Dibromochloromethane	9.269	129	3354	1.959	ug/l #	11
64) Tetrachloroethene	9.275	164	3032	2.284	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	59919	23.159	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59919	51.369	ug/l #	5

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

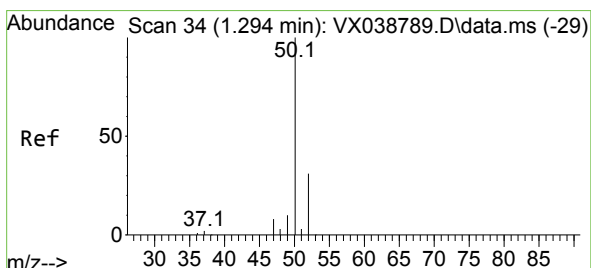
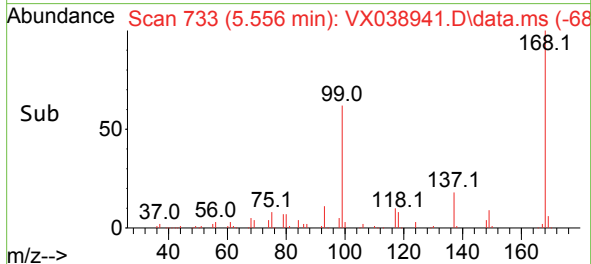
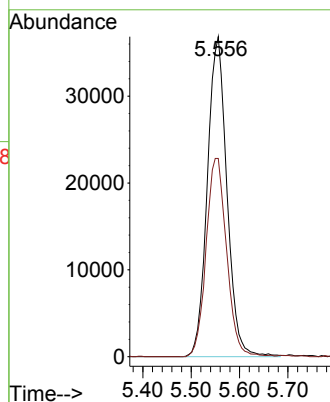
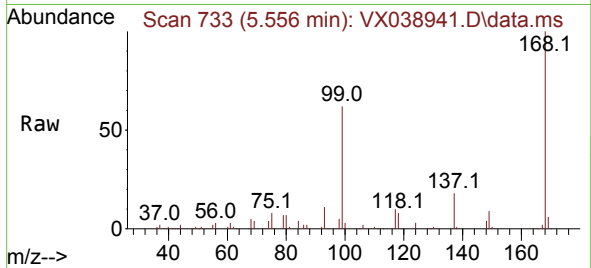




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

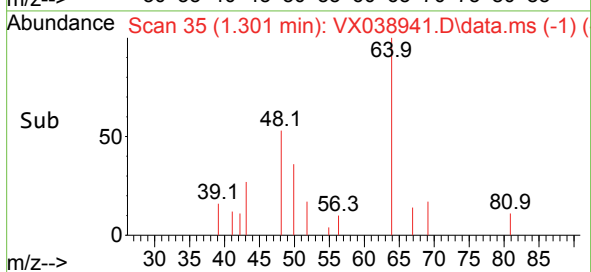
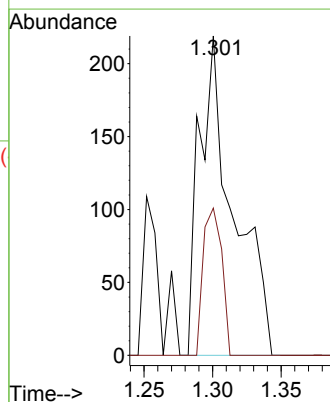
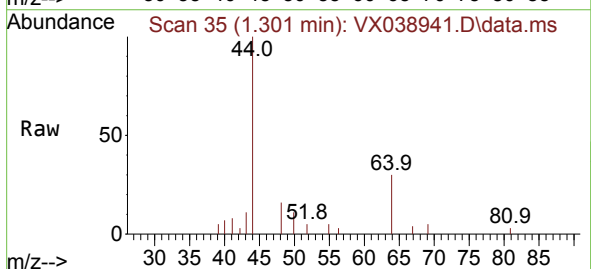
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109

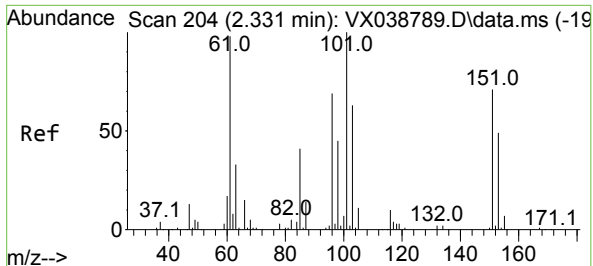
Tgt Ion:168 Resp: 103475
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#3
Chloromethane
Concen: 0.241 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

Tgt Ion: 50 Resp: 380
Ion Ratio Lower Upper
50 100
52 46.1 25.5 38.3#

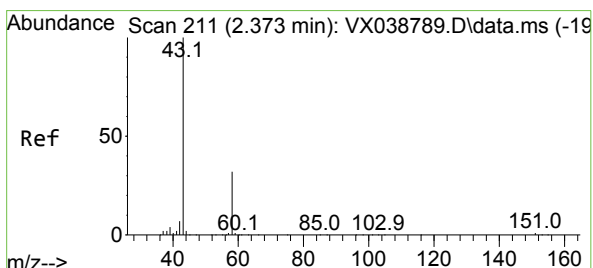
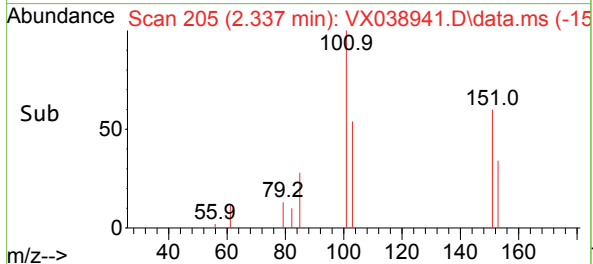
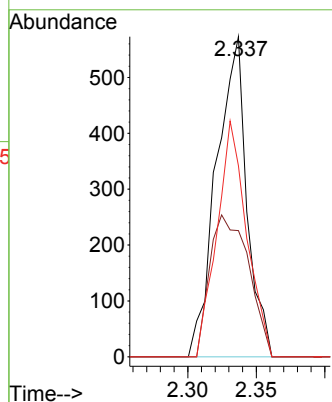
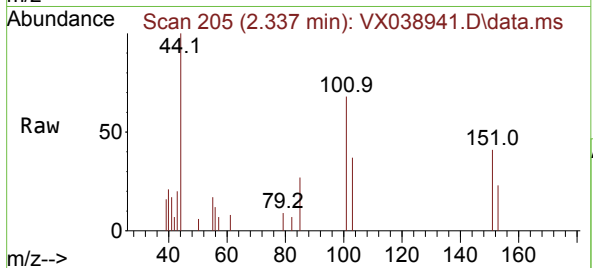




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.692 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

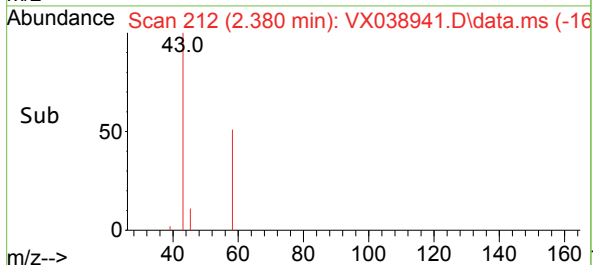
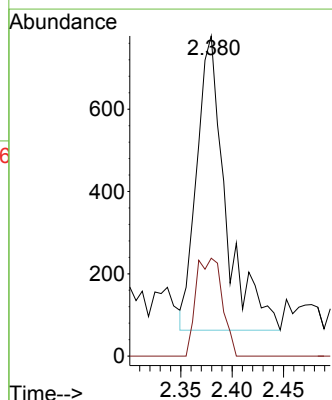
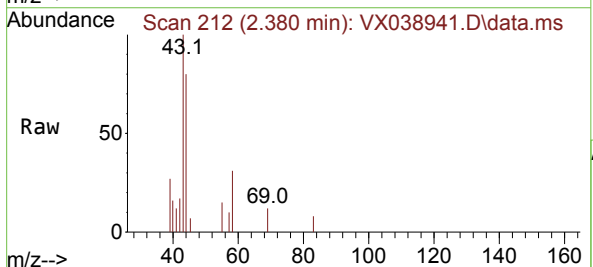
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109

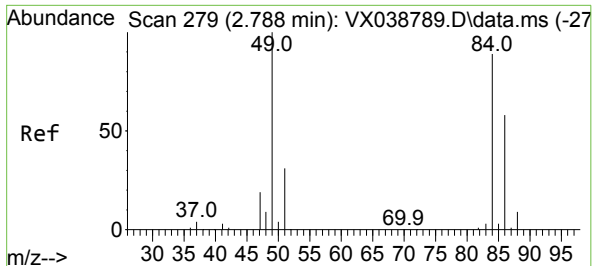
Tgt Ion:101 Resp: 884
Ion Ratio Lower Upper
101 100
85 56.7 37.0 55.6#
151 71.9 58.6 87.8



#16
Acetone
Concen: 1.584 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

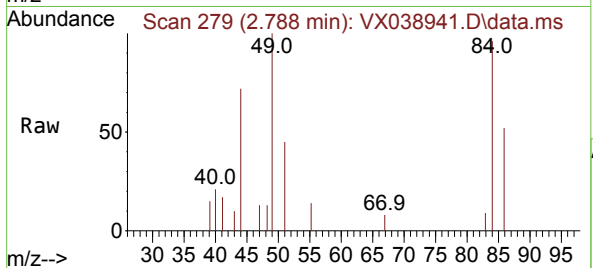
Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#



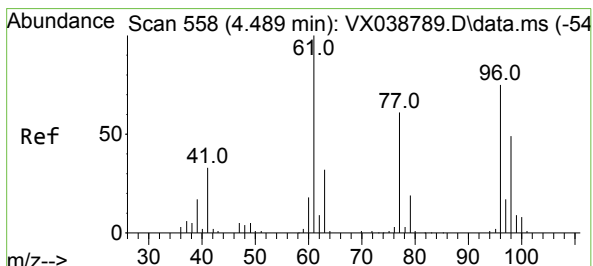
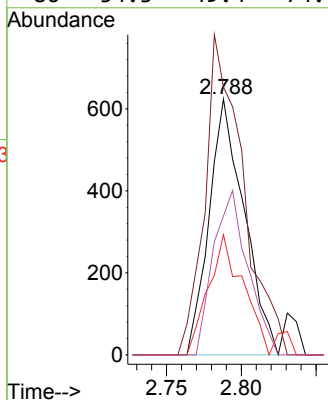
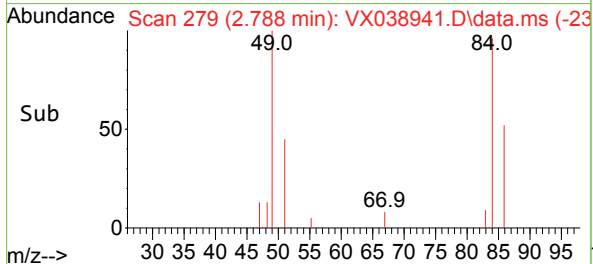


#20
Methylene Chloride
Concen: 0.637 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109

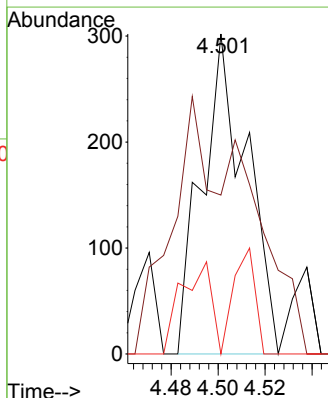
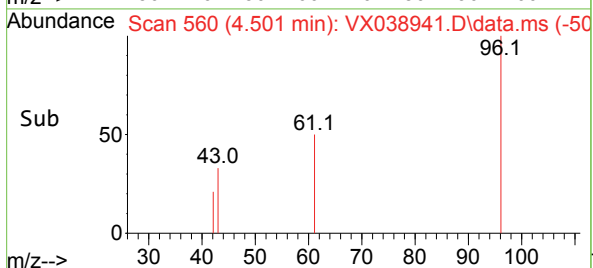
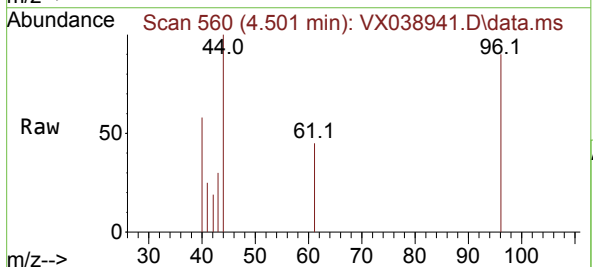


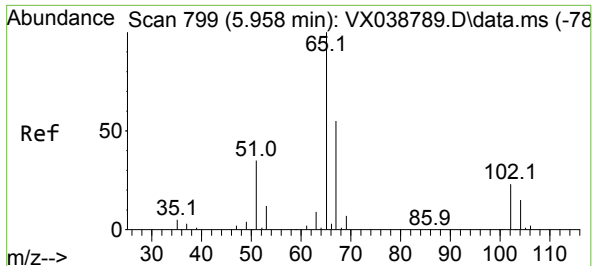
Tgt Ion: 84	Resp:	1020	
Ion	Ratio	Lower	Upper
84	100		
49	104.6	103.6	155.4
51	47.0	33.8	50.6
86	54.3	49.4	74.0



#27
cis-1,2-Dichloroethene
Concen: 0.241 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

Tgt Ion: 96	Resp:	399	
Ion	Ratio	Lower	Upper
96	100		
61	78.2	0.0	312.2
98	19.5	0.0	129.0





#33

1,2-Dichloroethane-d4

Concen: 50.116 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038941.D

Acq: 18 Nov 2023 20:09

Instrument :

MSVOA_X

ClientSampleId :

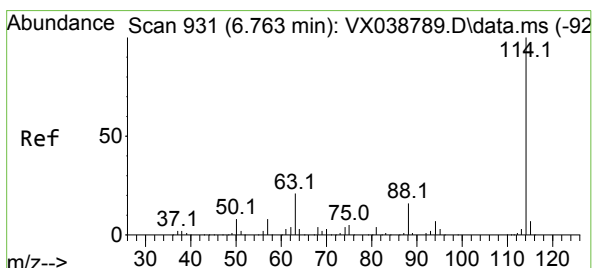
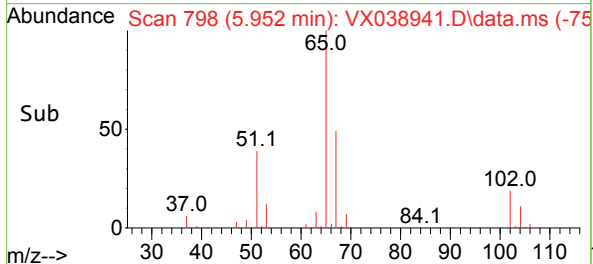
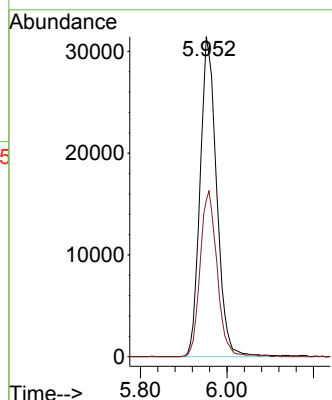
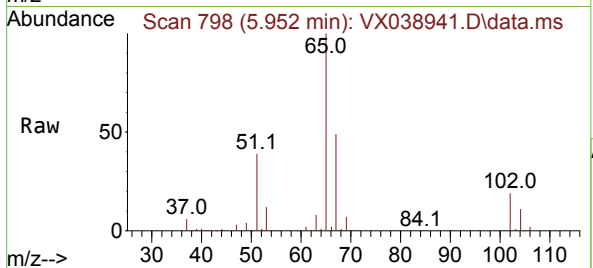
RE108D1-20231109

Tgt Ion: 65 Resp: 83560

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038941.D

Acq: 18 Nov 2023 20:09

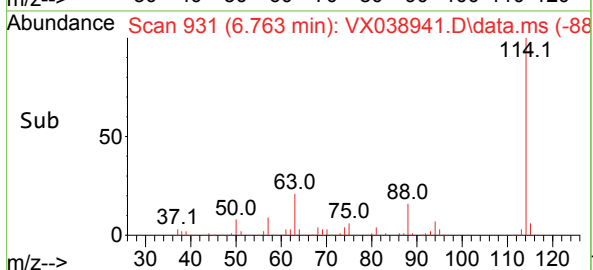
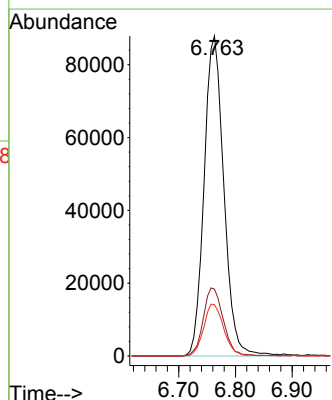
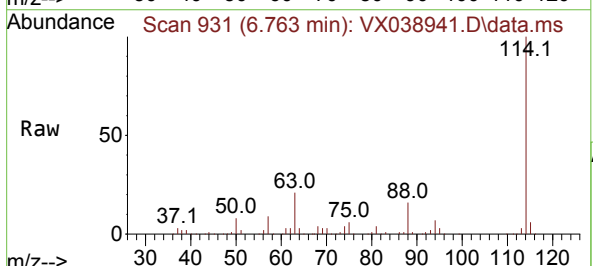
Tgt Ion:114 Resp: 212390

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

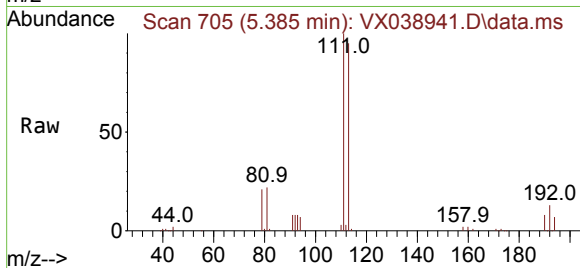
88 16.0 0.0 36.6



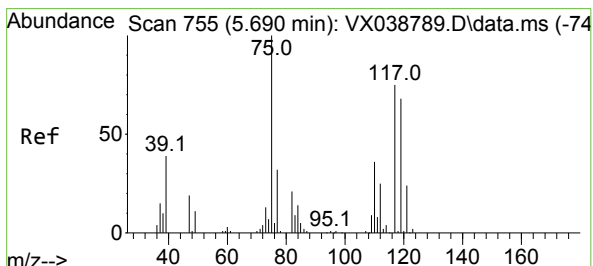
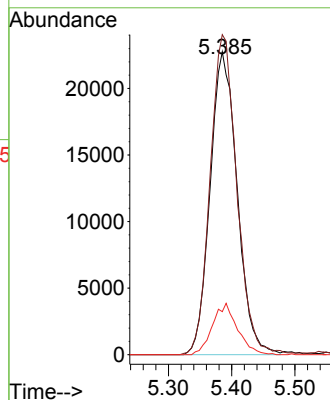
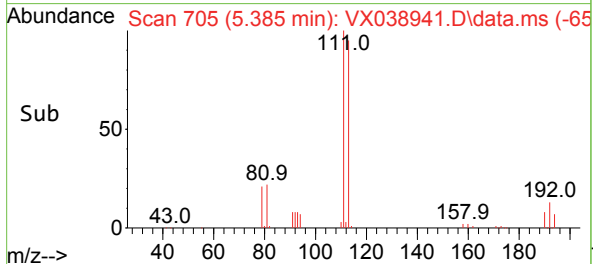


#35
Dibromofluoromethane
Concen: 44.037 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109

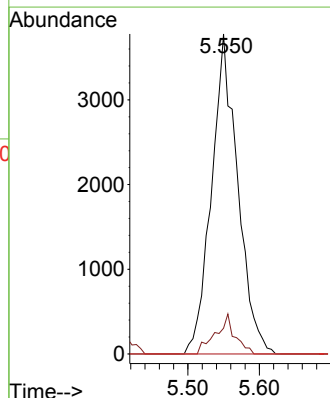
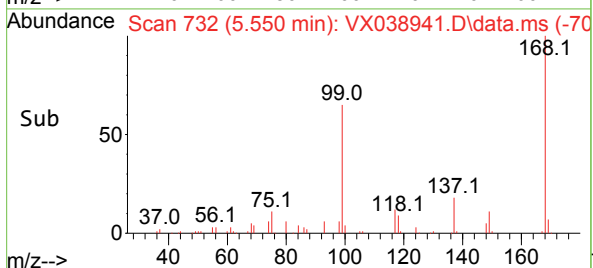
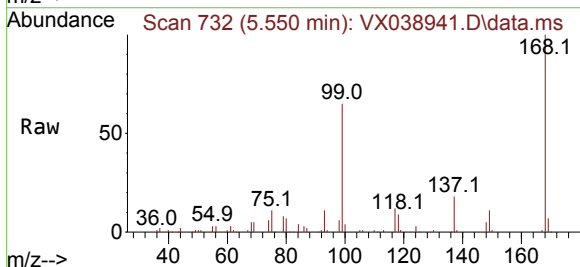


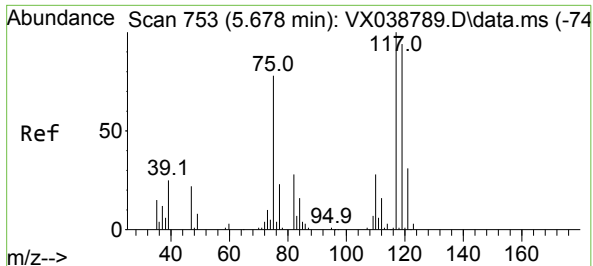
Tgt Ion:113 Resp: 67549
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 15.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.371 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

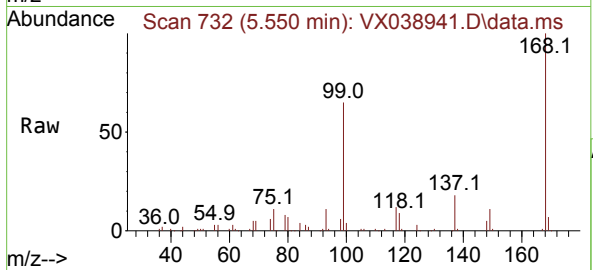
Tgt Ion: 75 Resp: 9610
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



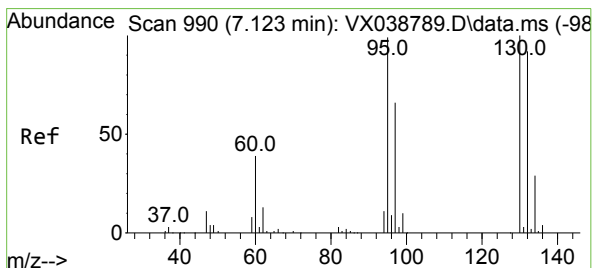
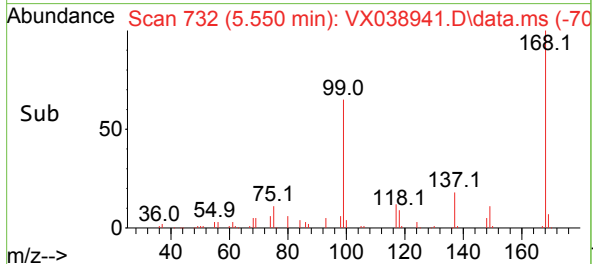
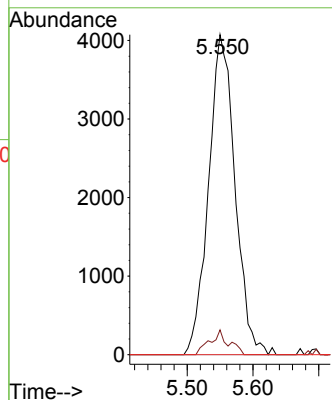


#38
Carbon Tetrachloride
Concen: 5.620 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109

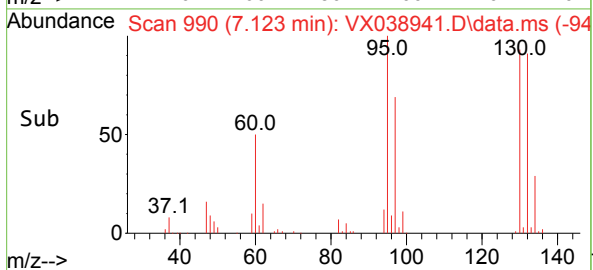
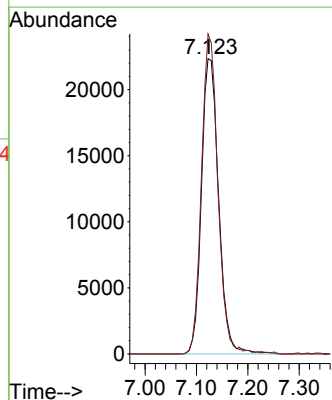
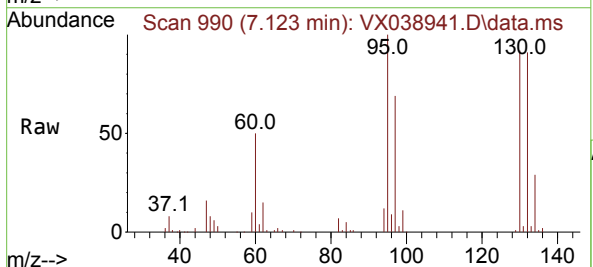


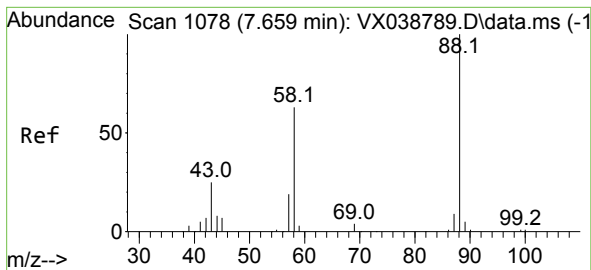
Tgt Ion:117 Resp: 11420
Ion Ratio Lower Upper
117 100
119 7.7 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 32.756 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

Tgt Ion:130 Resp: 51844
Ion Ratio Lower Upper
130 100
95 108.4 0.0 204.4





#49

1,4-Dioxane

Concen: 9.496 ug/l

RT: 7.684 min Scan# 110

Delta R.T. 0.024 min

Lab File: VX038941.D

Acq: 18 Nov 2023 20:09

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109

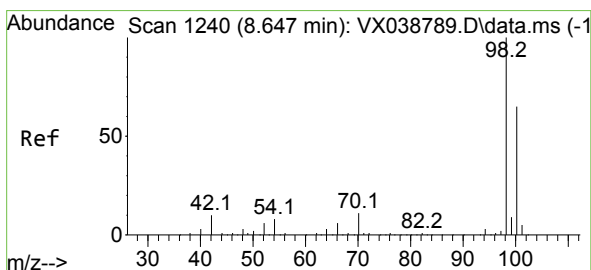
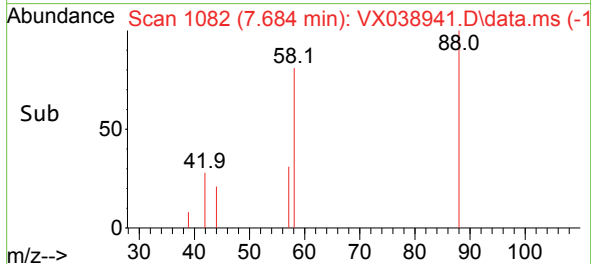
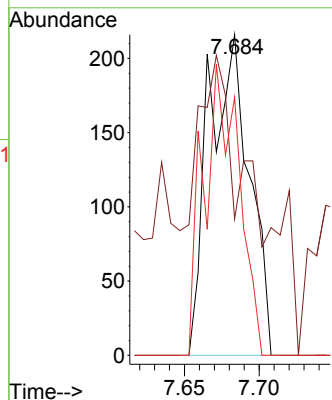
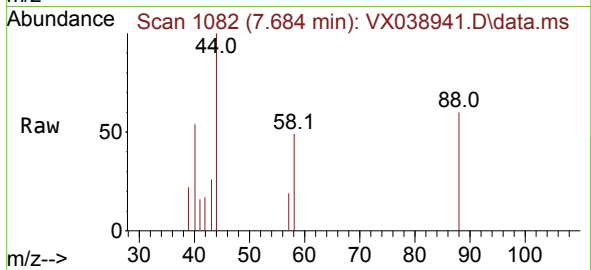
Tgt Ion: 88 Resp: 408

Ion Ratio Lower Upper

88 100

43 134.8 0.0 0.0#

58 78.7 60.1 90.1



#50

Toluene-d8

Concen: 45.964 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038941.D

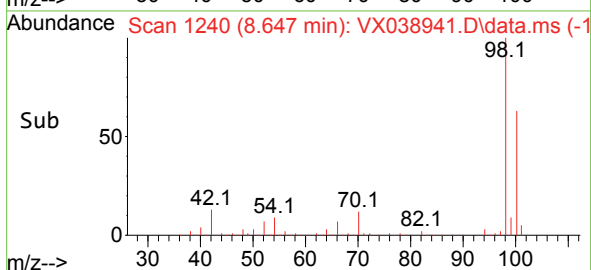
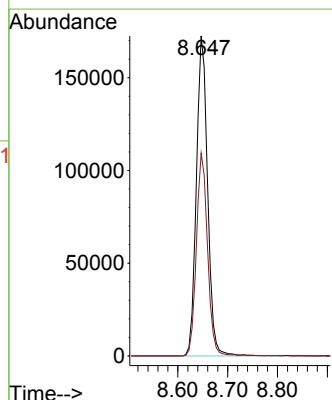
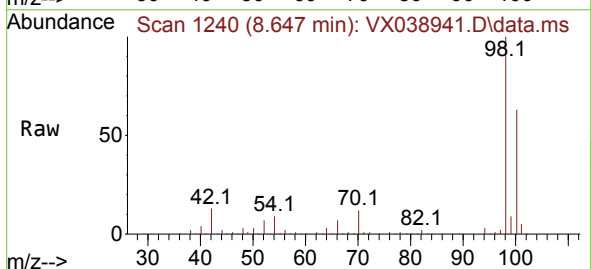
Acq: 18 Nov 2023 20:09

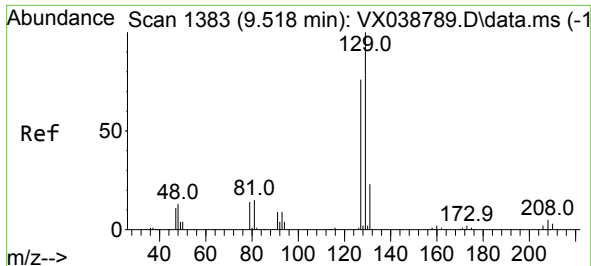
Tgt Ion: 98 Resp: 269759

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7

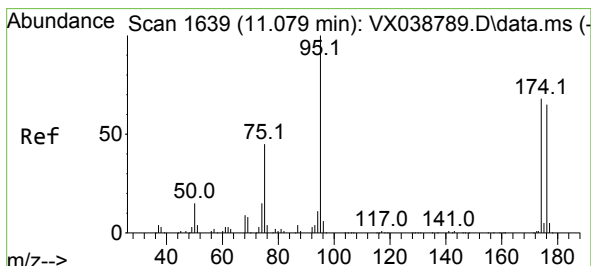
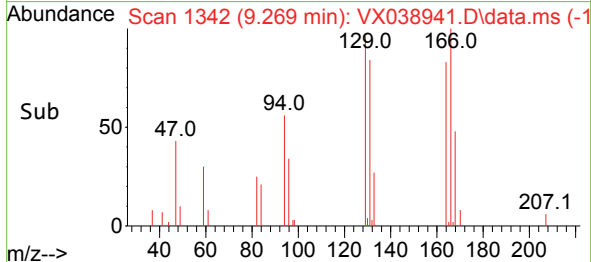
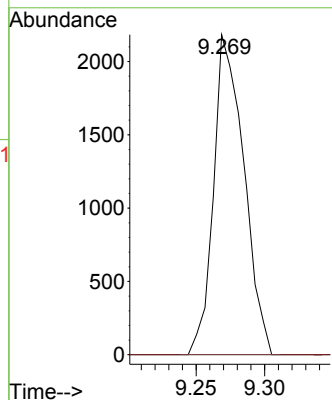
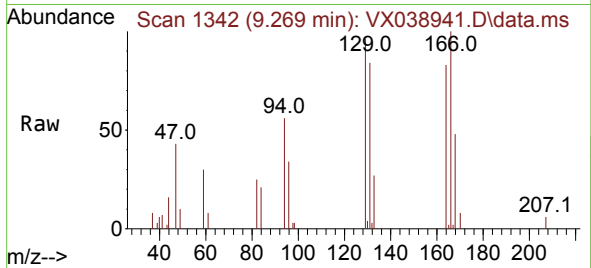




#60
Dibromochloromethane
Concen: 1.959 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

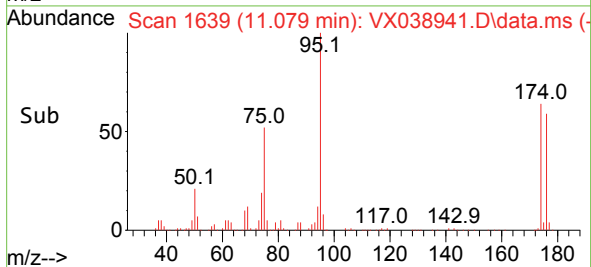
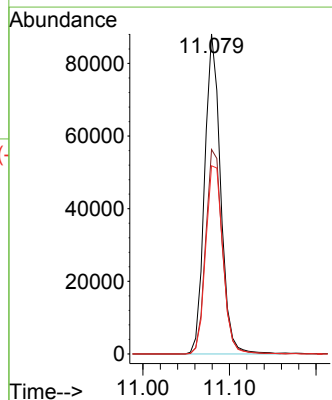
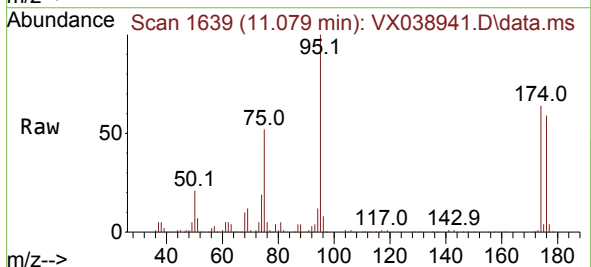
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109

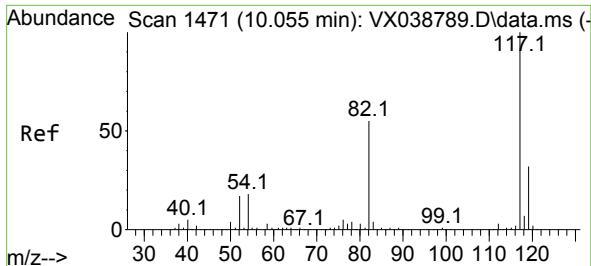
Tgt Ion:129 Resp: 3354
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 48.042 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

Tgt Ion: 95 Resp: 112868
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.6
176 63.7 0.0 131.0

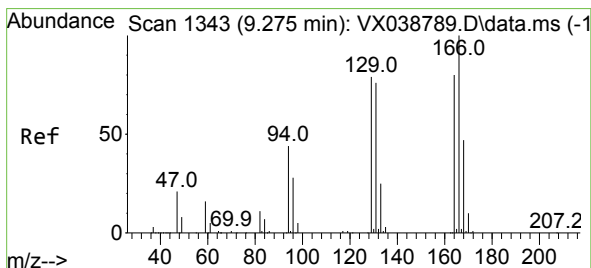
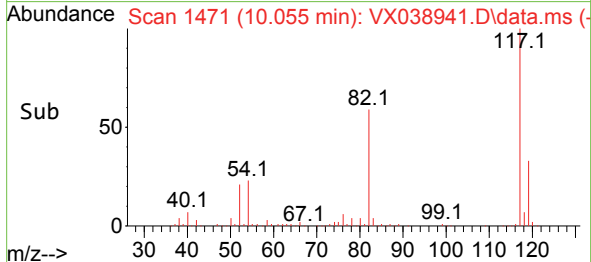
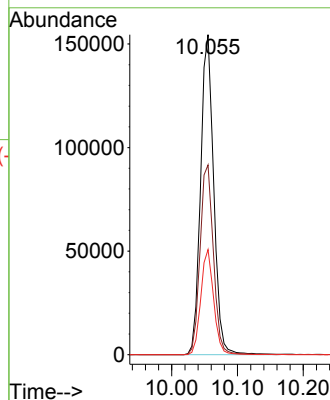
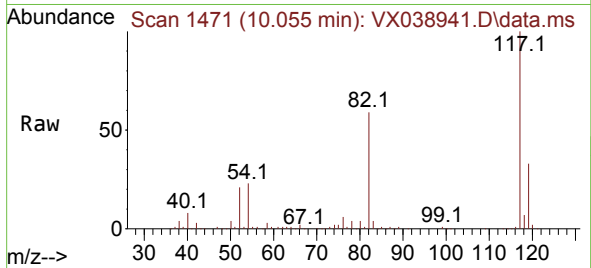




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

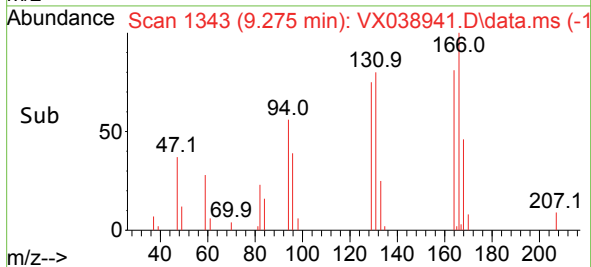
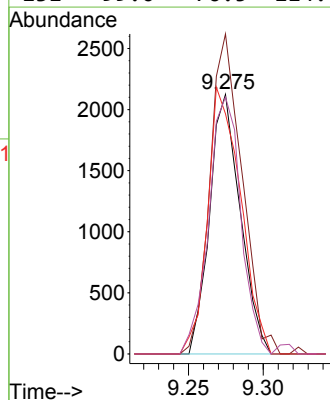
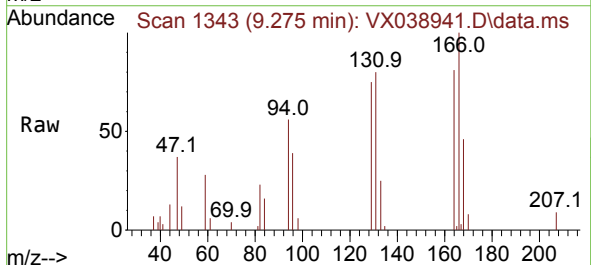
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109

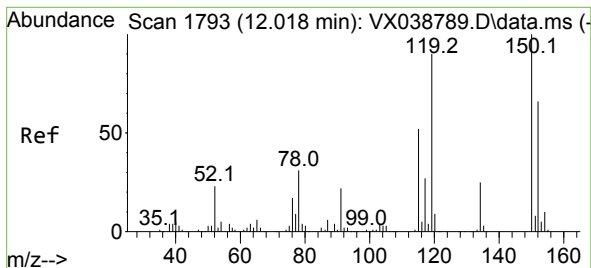
Tgt Ion:117 Resp: 213608
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 2.284 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

Tgt Ion:164 Resp: 3032
Ion Ratio Lower Upper
164 100
166 123.3 102.7 154.1
129 92.5 80.4 120.6
131 99.0 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038941.D

Acq: 18 Nov 2023 20:09

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109

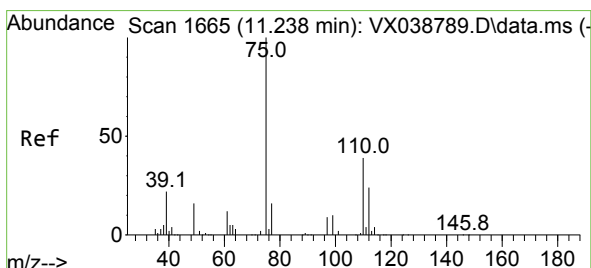
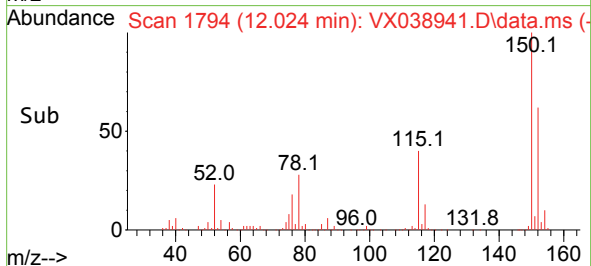
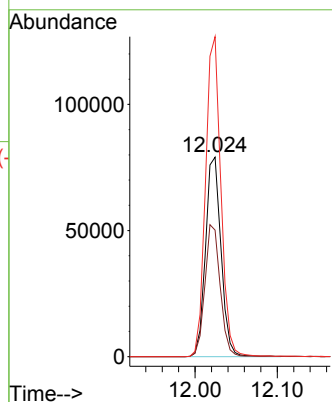
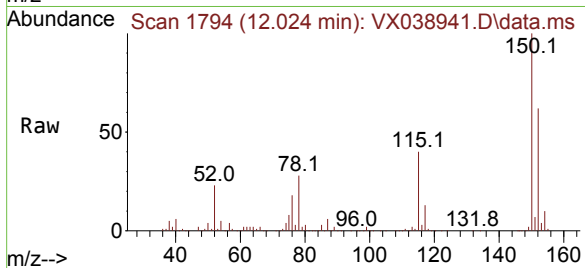
Tgt Ion:152 Resp: 103700

Ion Ratio Lower Upper

152 100

115 65.3 43.3 129.9

150 158.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.159 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038941.D

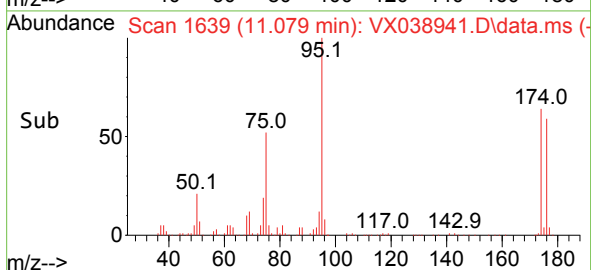
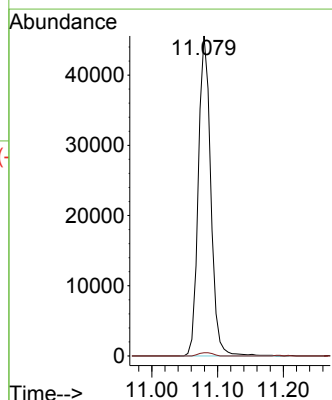
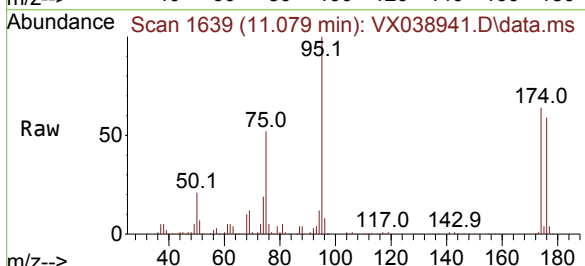
Acq: 18 Nov 2023 20:09

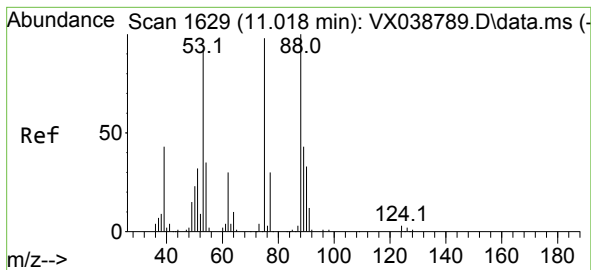
Tgt Ion: 75 Resp: 59919

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.369 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038941.D
 Acq: 18 Nov 2023 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20231109

Tgt Ion: 75 Resp: 59919
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

