

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038913.D
 Acq On : 18 Nov 2023 06:40
 Operator : JC/MD
 Sample : 05404-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20231109

Quant Time: Nov 20 00:34:29 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)

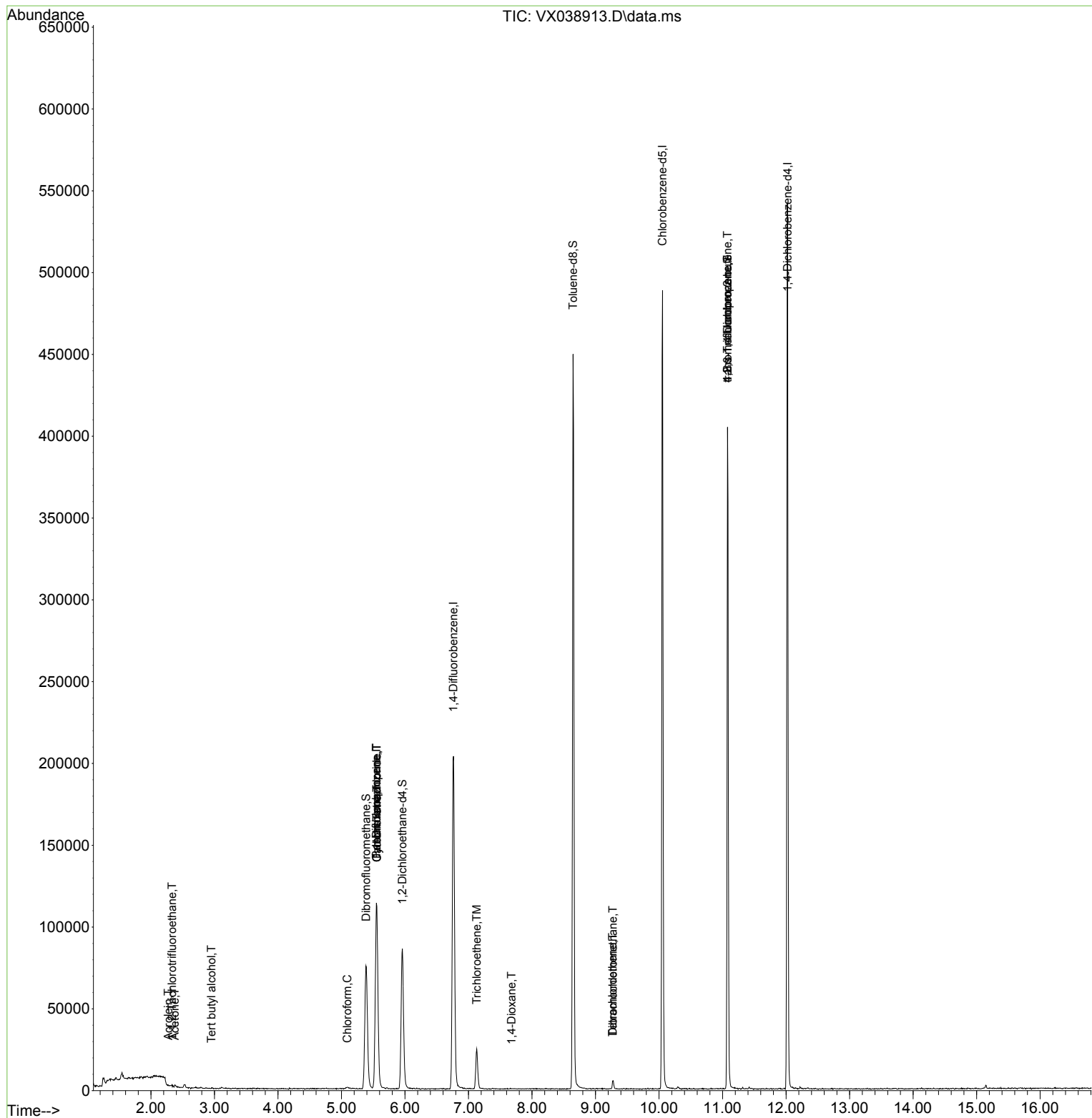
Internal Standards						
1) Pentafluorobenzene	5.550	168	103798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81522	48.741	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.480%		
35) Dibromofluoromethane	5.385	113	67452	44.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.580%		
50) Toluene-d8	8.647	98	268651	46.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.260%		
62) 4-Bromofluorobenzene	11.079	95	114831	49.789	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.580%		
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	413	0.322	ug/l #	73
11) Tert butyl alcohol	2.953	59	219	0.471	ug/l #	38
13) Acrolein	2.270	56	211	0.857	ug/l	87
16) Acetone	2.373	43	1541	1.731	ug/l	93
30) Chloroform	5.092	83	1335	0.515	ug/l	91
31) Cyclohexane	5.556	56	3005	1.258	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	9249	4.285	ug/l #	51
38) Carbon Tetrachloride	5.556	117	11411	5.721	ug/l #	16
44) Trichloroethene	7.129	130	8672	5.581	ug/l	86
49) 1,4-Dioxane	7.677	88	102	2.418	ug/l #	77
60) Dibromochloromethane	9.275	129	1051	0.625	ug/l #	11
64) Tetrachloroethene	9.268	164	894	0.662	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	59584	21.899	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59584	48.573	ug/l #	5

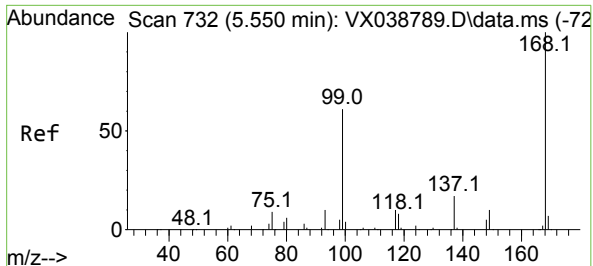
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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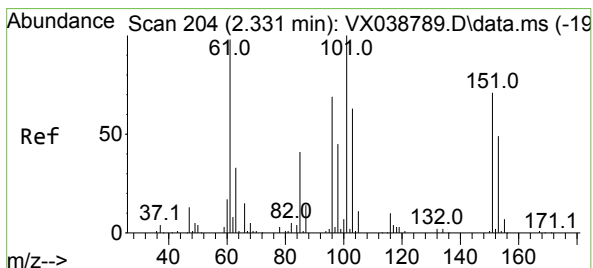
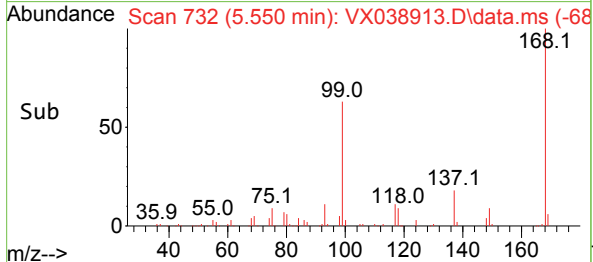
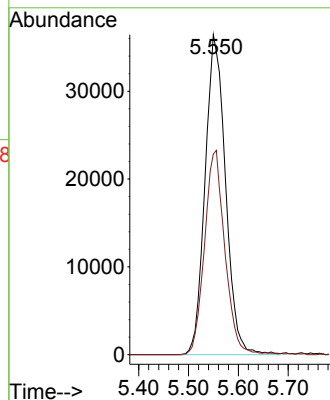
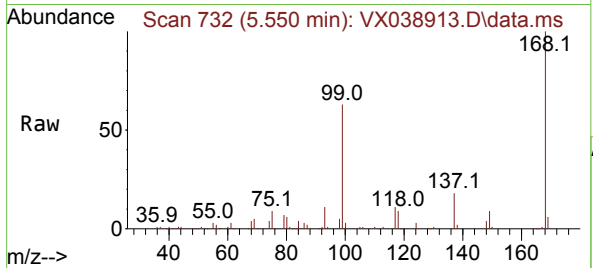




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

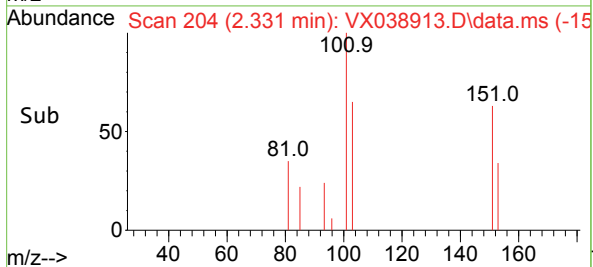
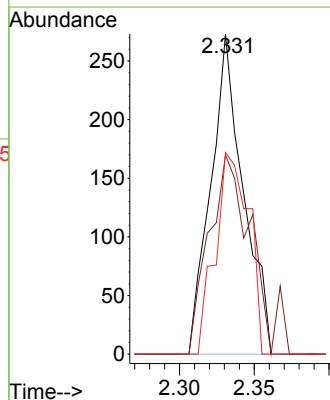
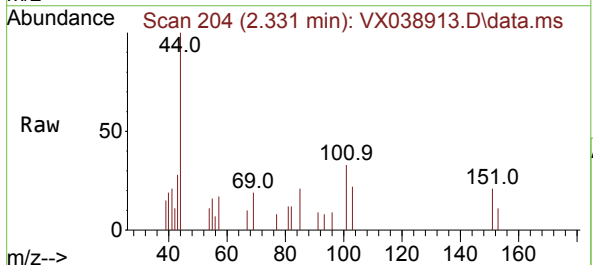
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20231109

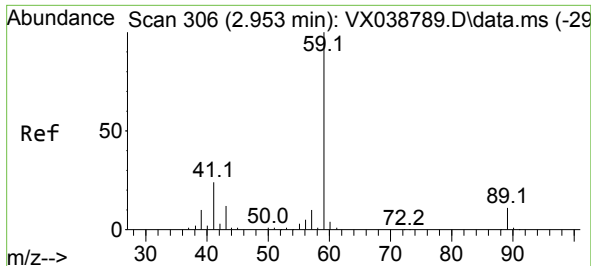
Tgt Ion:168 Resp: 103798
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.322 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

Tgt Ion:101 Resp: 413
Ion Ratio Lower Upper
101 100
85 82.1 37.0 55.6#
151 64.9 58.6 87.8

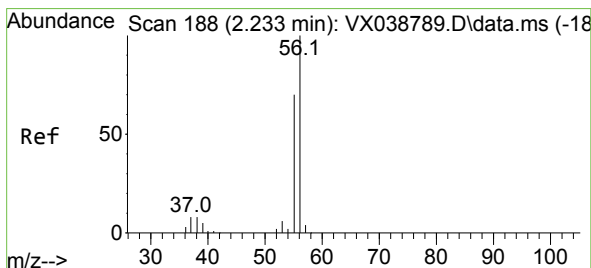
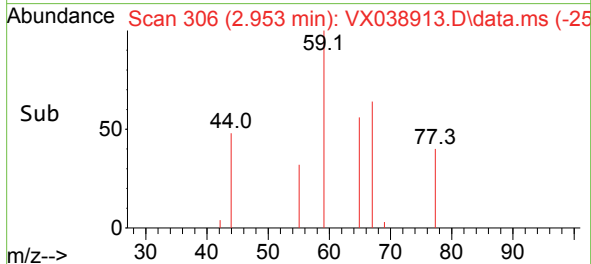
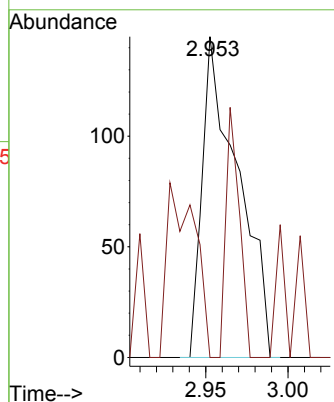
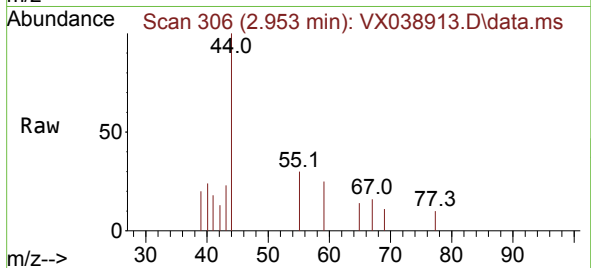




#11
Tert butyl alcohol
Concen: 0.471 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

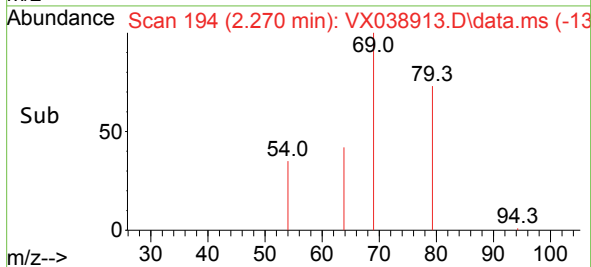
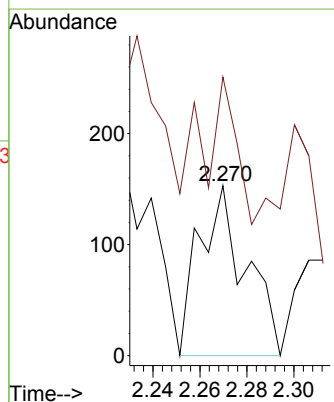
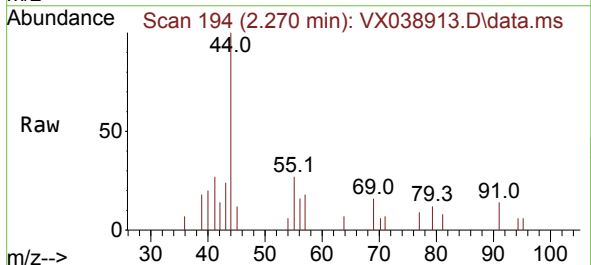
Instrument :
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ClientSampleId :
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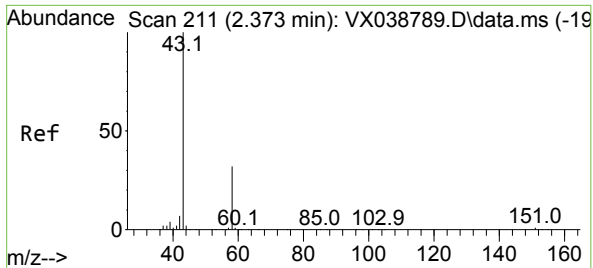
Tgt Ion: 59 Resp: 219
Ion Ratio Lower Upper
59 100
57 29.2 6.0 9.0#



#13
Acrolein
Concen: 0.857 ug/l
RT: 2.270 min Scan# 194
Delta R.T. 0.037 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

Tgt Ion: 56 Resp: 211
Ion Ratio Lower Upper
56 100
55 60.7 57.1 85.7

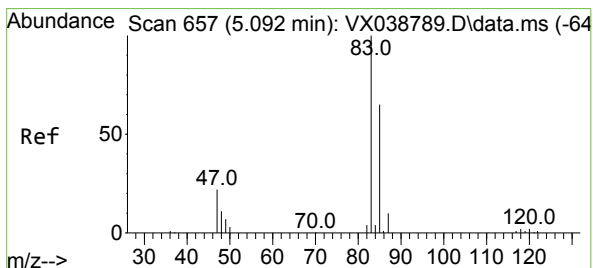
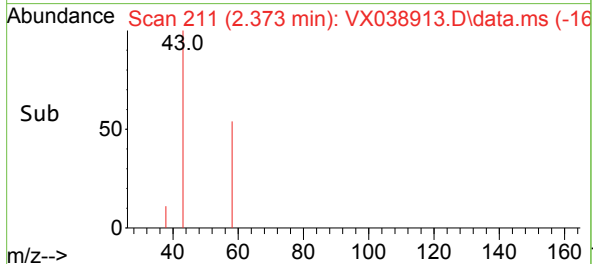
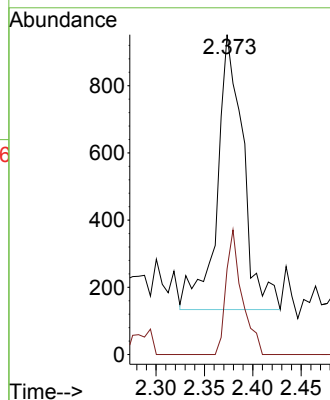
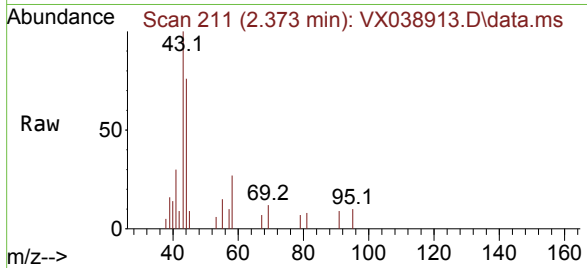




#16
Acetone
Concen: 1.731 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

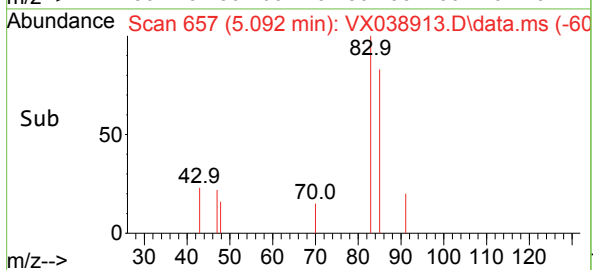
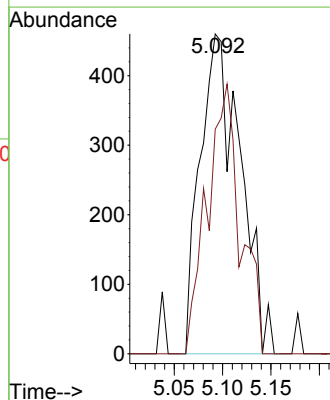
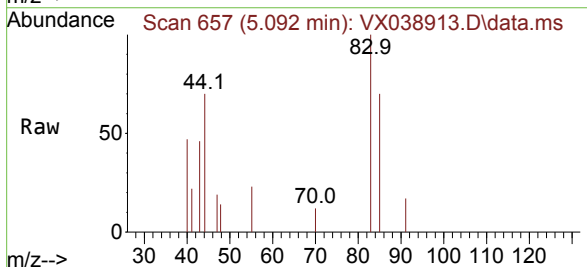
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20231109

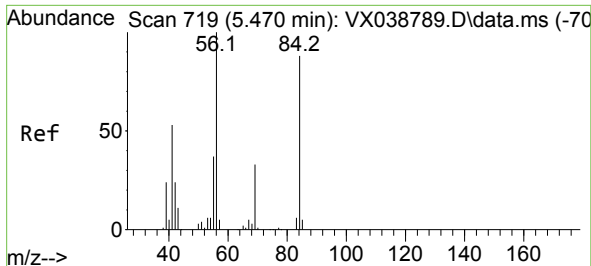
Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9



#30
Chloroform
Concen: 0.515 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

Tgt Ion: 83 Resp: 1335
Ion Ratio Lower Upper
83 100
85 70.2 50.3 75.5

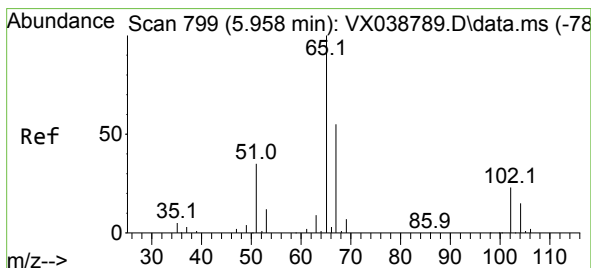
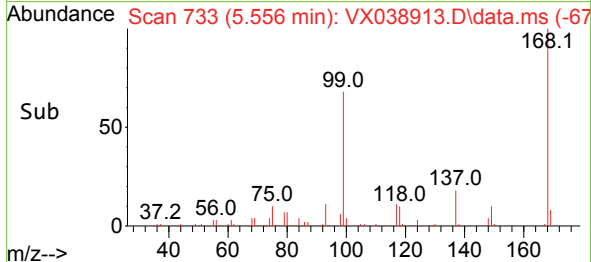
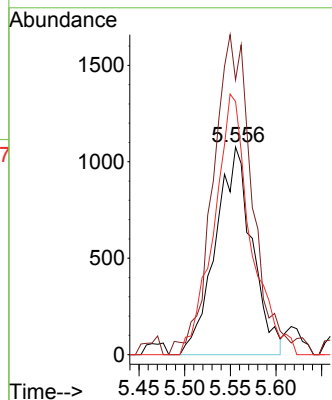
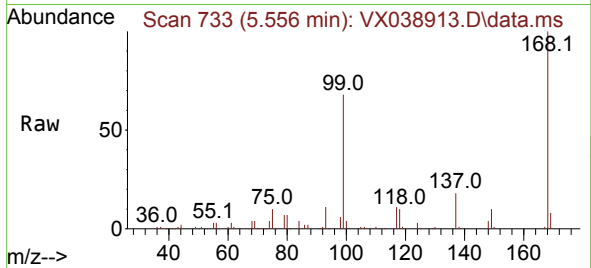




#31
Cyclohexane
Concen: 1.258 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

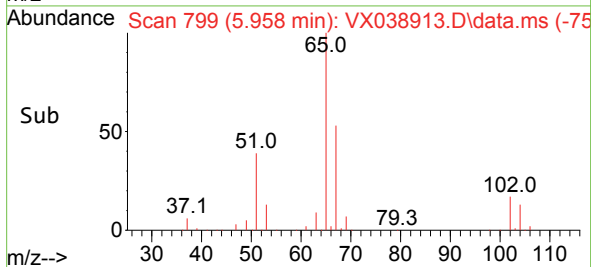
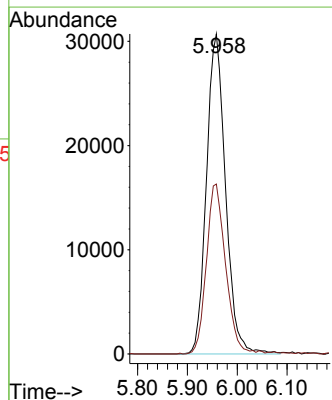
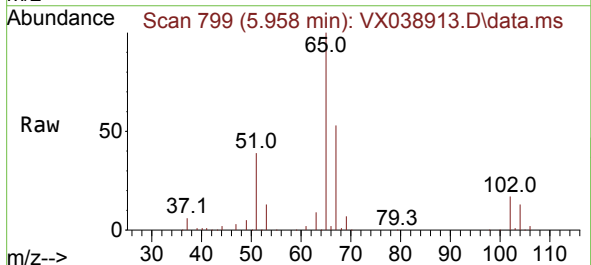
Instrument :
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ClientSampleId :
RE134D1-20231109

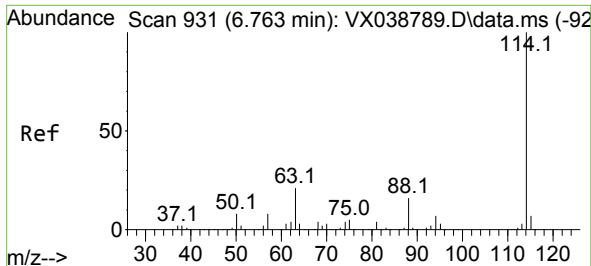
Tgt Ion: 56 Resp: 3005
Ion Ratio Lower Upper
56 100
69 126.3 23.4 35.2#
84 121.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.741 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

Tgt Ion: 65 Resp: 81522
Ion Ratio Lower Upper
65 100
67 53.7 0.0 100.2

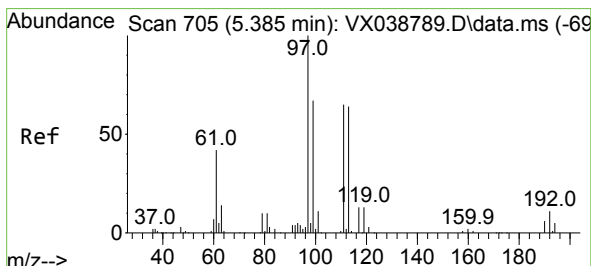
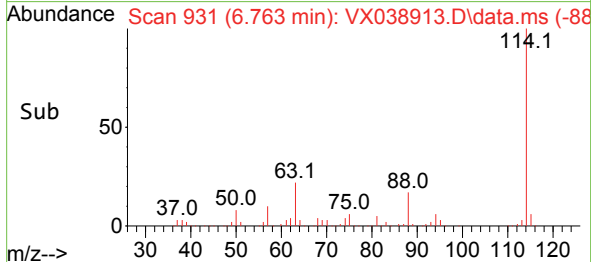
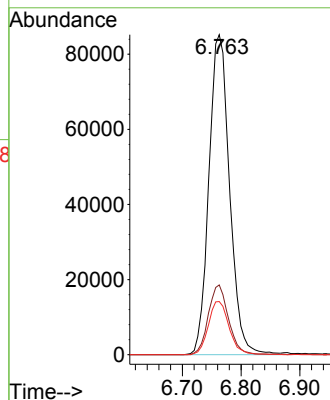
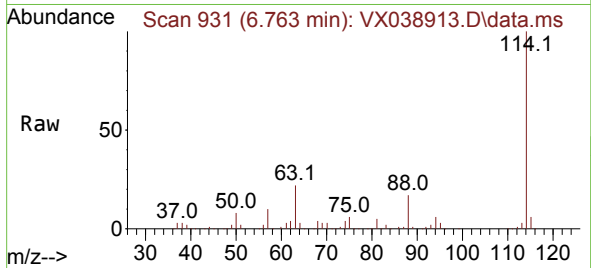




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

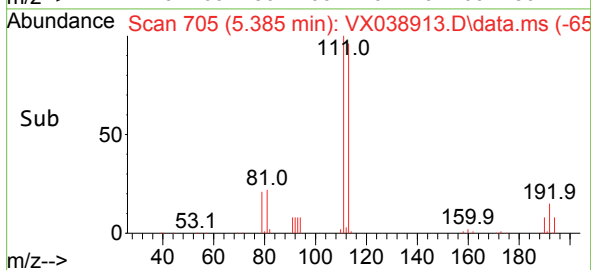
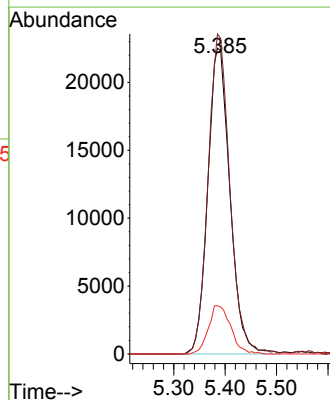
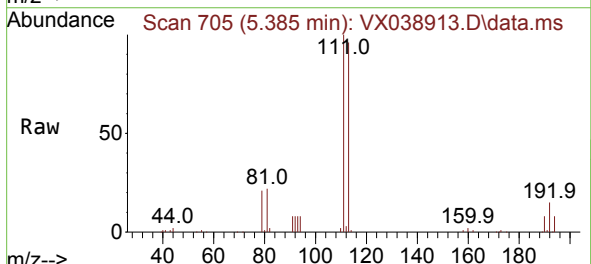
Instrument :
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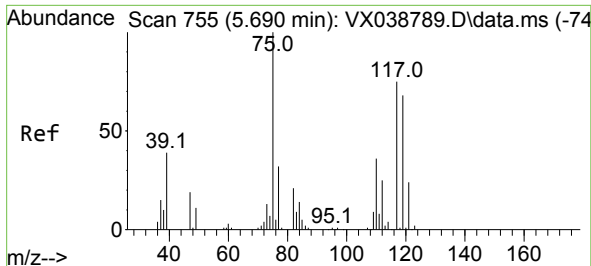
Tgt Ion:114 Resp: 208501
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.793 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

Tgt Ion:113 Resp: 67452
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 16.0 13.3 19.9

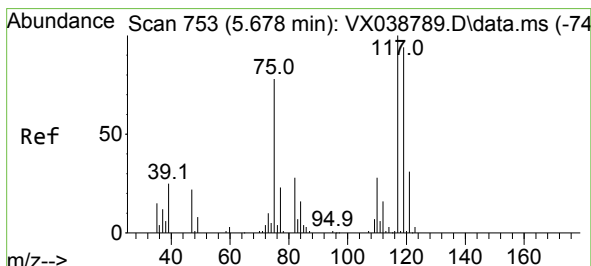
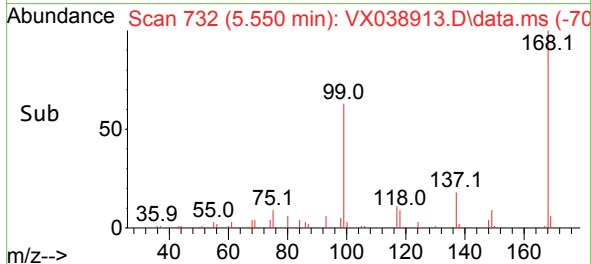
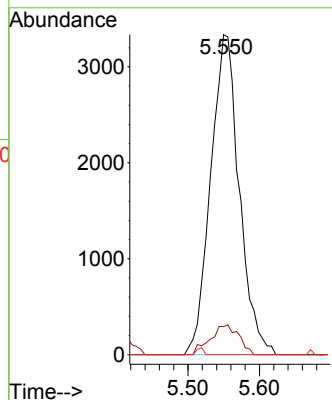
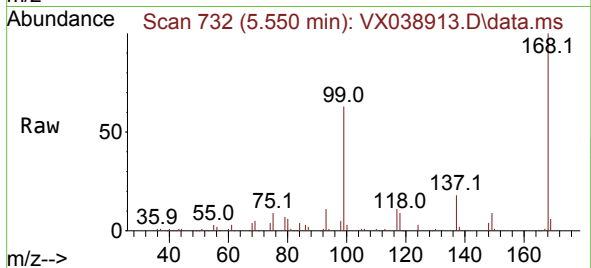




#36
1,1-Dichloropropene
Concen: 4.285 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

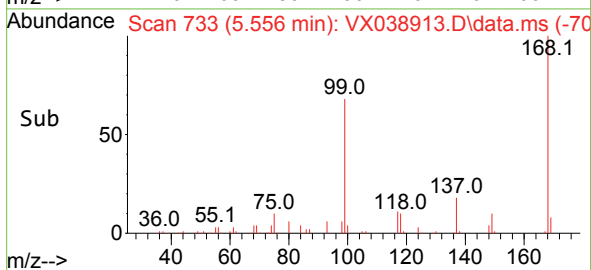
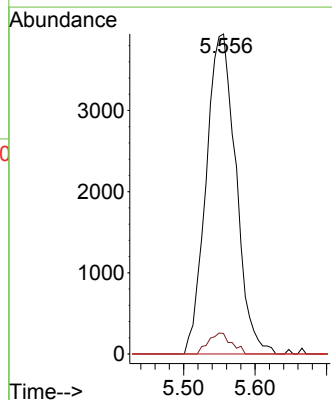
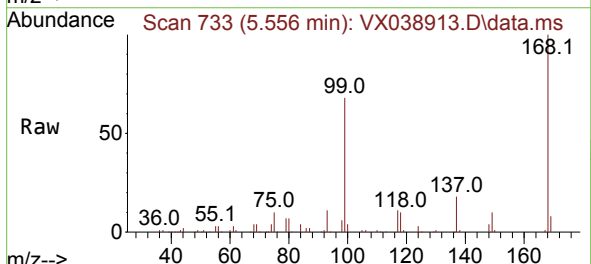
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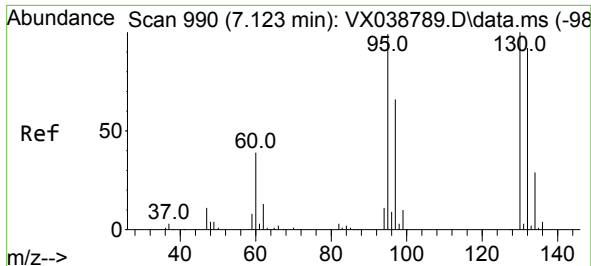
Tgt Ion: 75 Resp: 9249
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

Tgt Ion: 117 Resp: 11411
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 0.0 24.4 36.6#

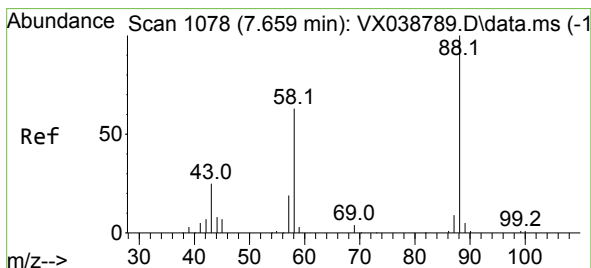
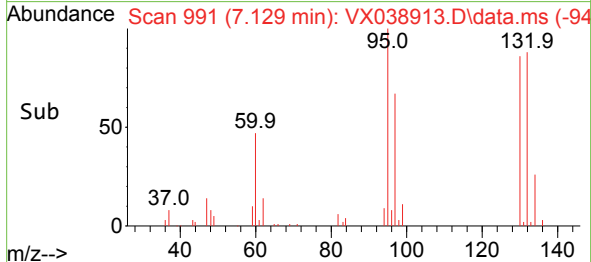
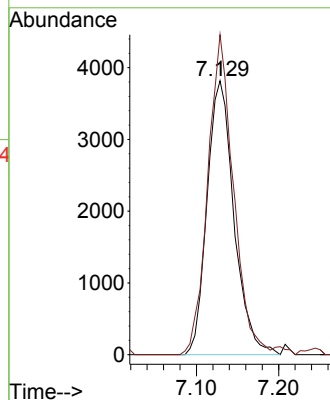
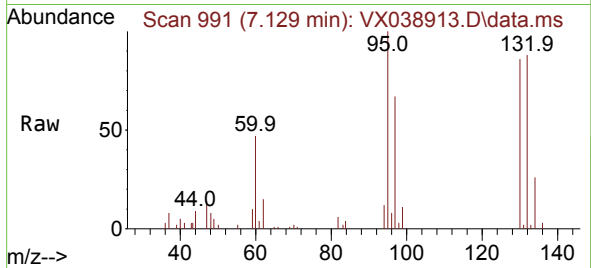




#44
 Trichloroethene
 Concen: 5.581 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX038913.D
 Acq: 18 Nov 2023 06:40

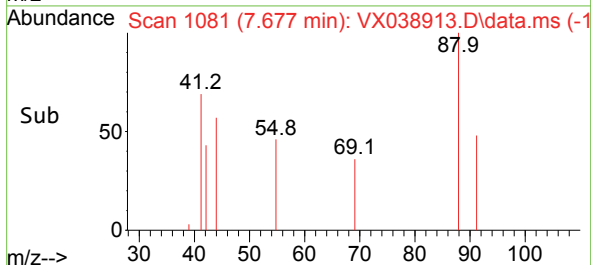
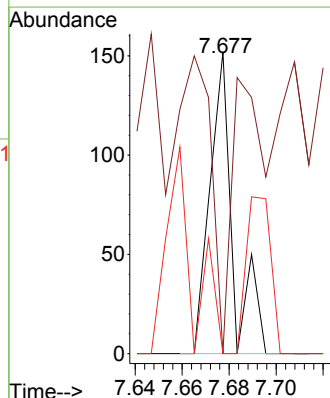
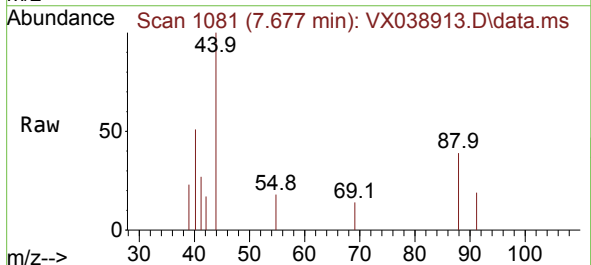
Instrument :
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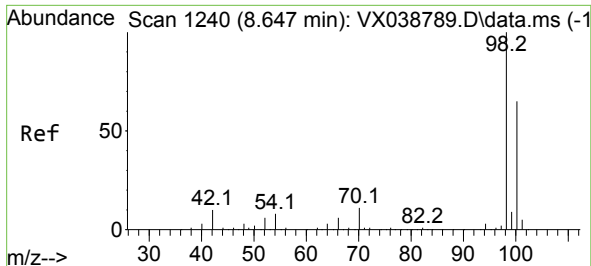
Tgt Ion:130 Resp: 8672
 Ion Ratio Lower Upper
 130 100
 95 116.8 0.0 204.4



#49
 1,4-Dioxane
 Concen: 2.418 ug/l
 RT: 7.677 min Scan# 1081
 Delta R.T. 0.018 min
 Lab File: VX038913.D
 Acq: 18 Nov 2023 06:40

Tgt Ion: 88 Resp: 102
 Ion Ratio Lower Upper
 88 100
 43 128.4 0.0 0.0#
 58 55.9 60.1 90.1#

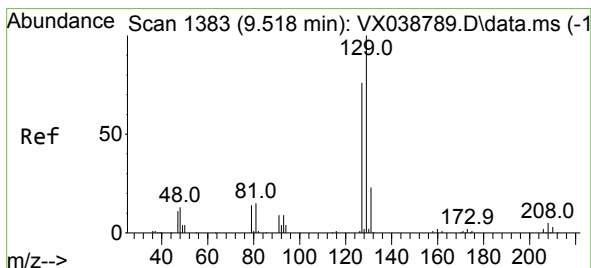
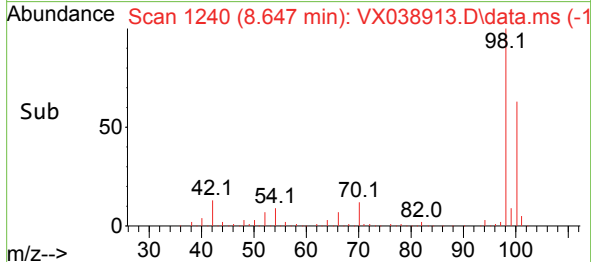
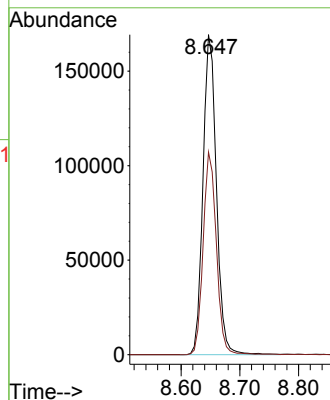
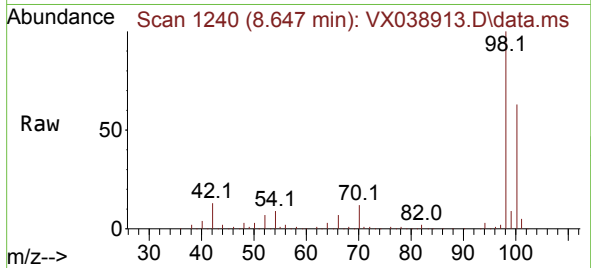




#50
Toluene-d8
Concen: 46.629 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

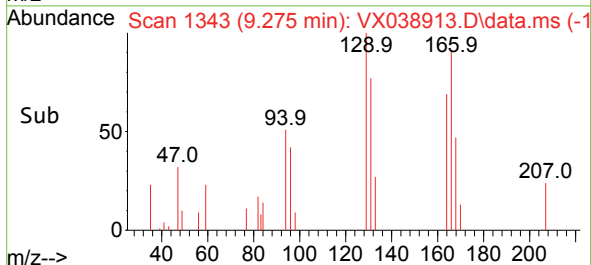
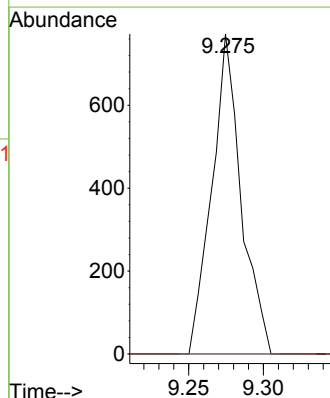
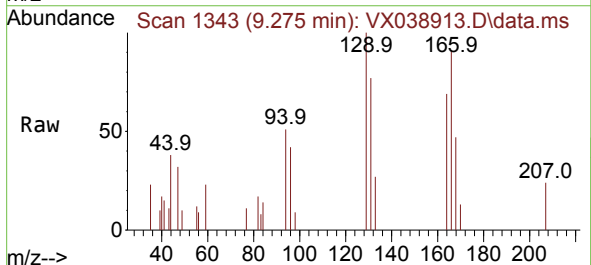
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20231109

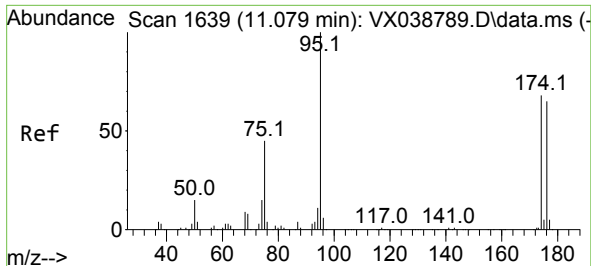
Tgt Ion: 98 Resp: 268651
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7



#60
Dibromochloromethane
Concen: 0.625 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

Tgt Ion: 129 Resp: 1051
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

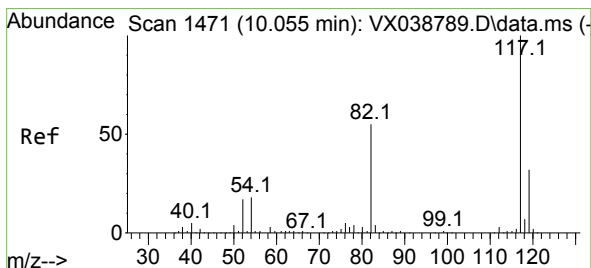
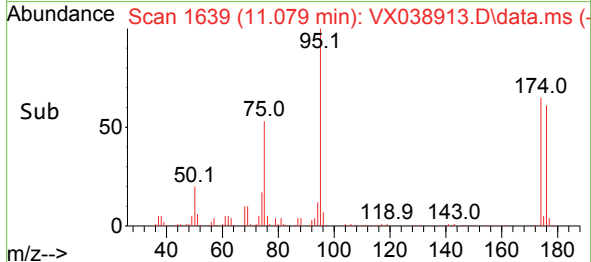
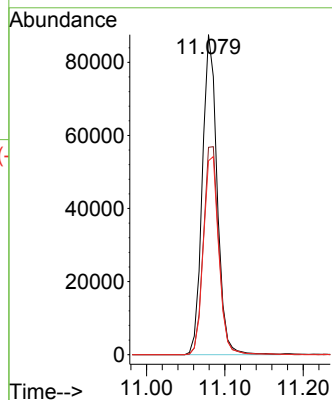
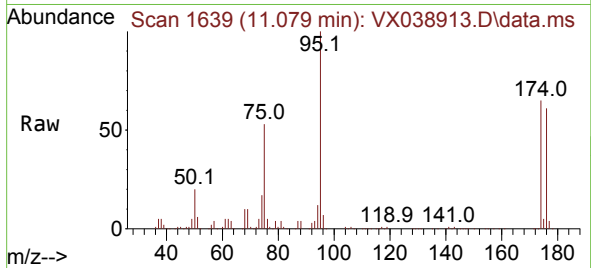




#62
4-Bromofluorobenzene
Concen: 49.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

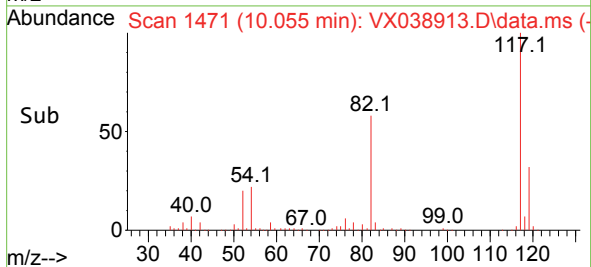
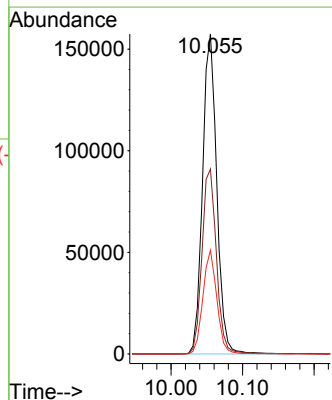
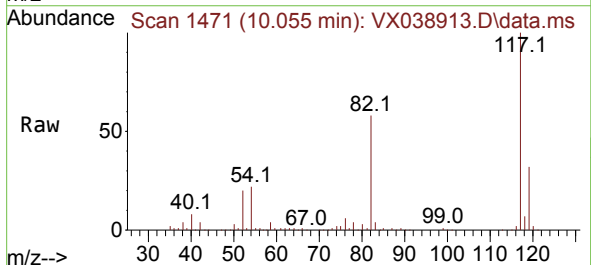
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20231109

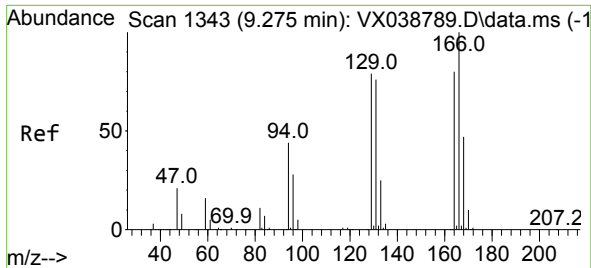
Tgt Ion: 95 Resp: 114831
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.6
176 64.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

Tgt Ion: 117 Resp: 217352
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 32.5 25.5 38.3



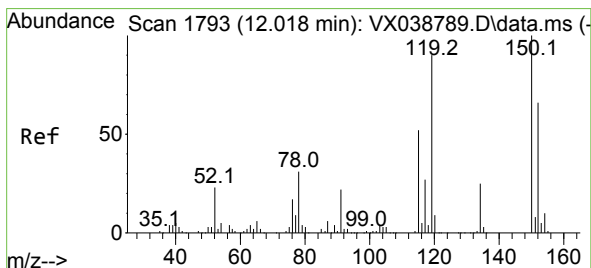
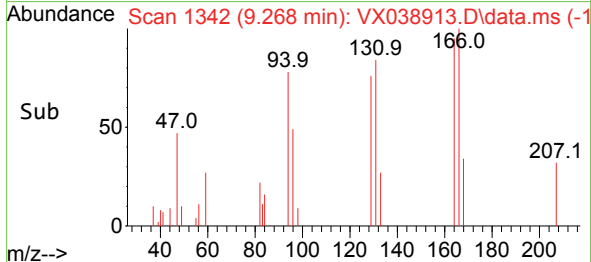
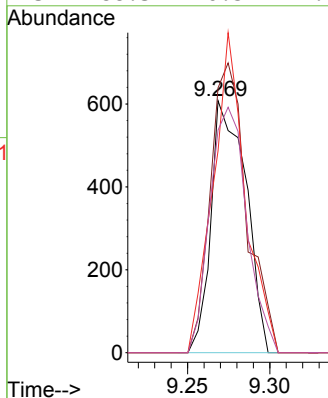
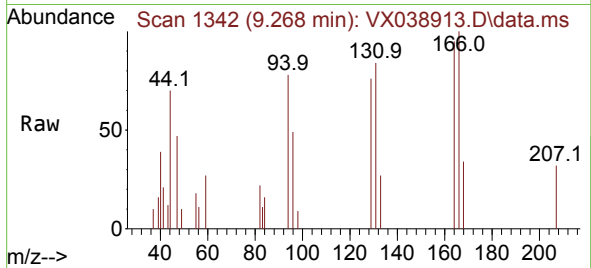


#64
Tetrachloroethene
Concen: 0.662 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20231109

Tgt Ion:164 Resp: 894

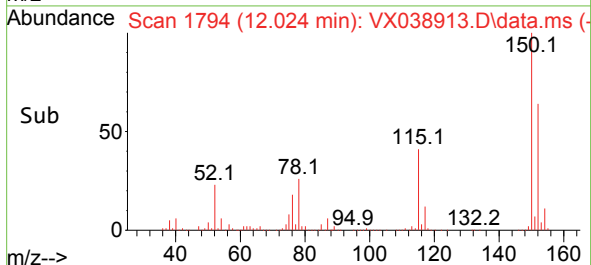
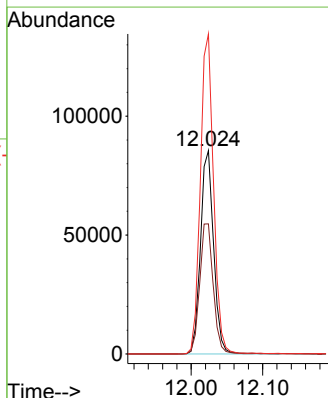
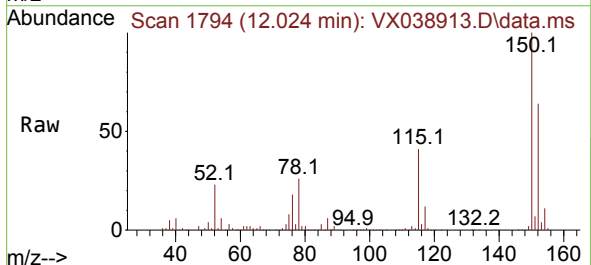
Ion	Ratio	Lower	Upper
164	100		
166	105.1	102.7	154.1
129	80.1	80.4	120.6#
131	88.3	76.5	114.7

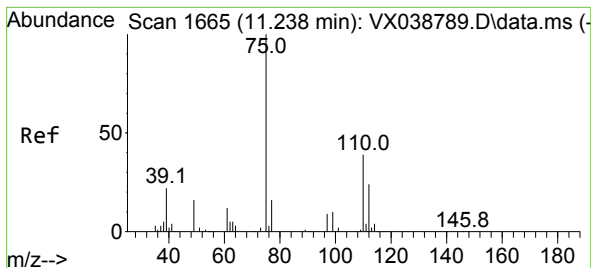


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038913.D
Acq: 18 Nov 2023 06:40

Tgt Ion:152 Resp: 109055

Ion	Ratio	Lower	Upper
152	100		
115	65.9	43.3	129.9
150	157.5	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 21.899 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038913.D

Acq: 18 Nov 2023 06:40

Instrument :

MSVOA_X

ClientSampleId :

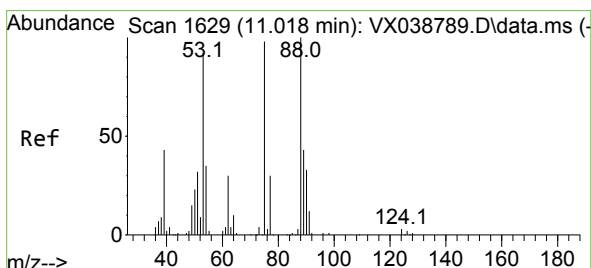
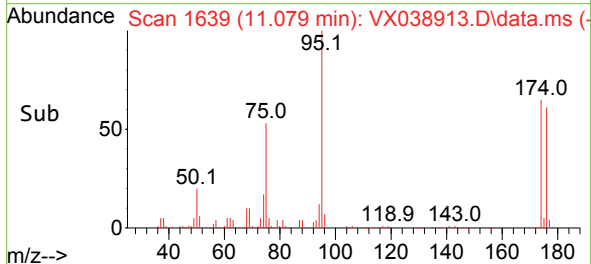
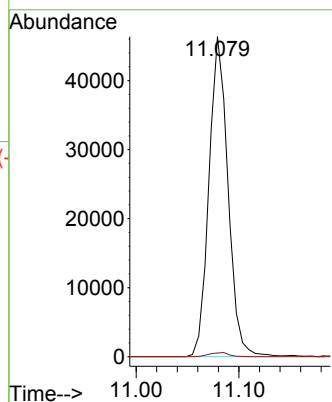
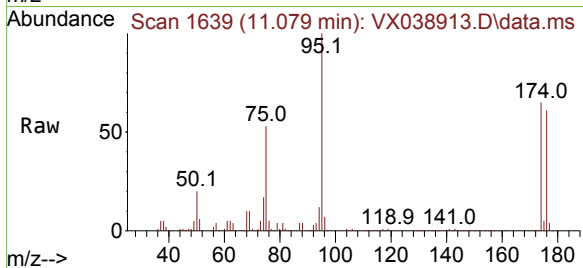
RE134D1-20231109

Tgt Ion: 75 Resp: 59584

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 48.573 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038913.D

Acq: 18 Nov 2023 06:40

Tgt Ion: 75 Resp: 59584

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

