

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040390.D
 Acq On : 21 Feb 2024 18:31
 Operator : JC/MD
 Sample : P1532-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20240216

Quant Time: Feb 22 01:12:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

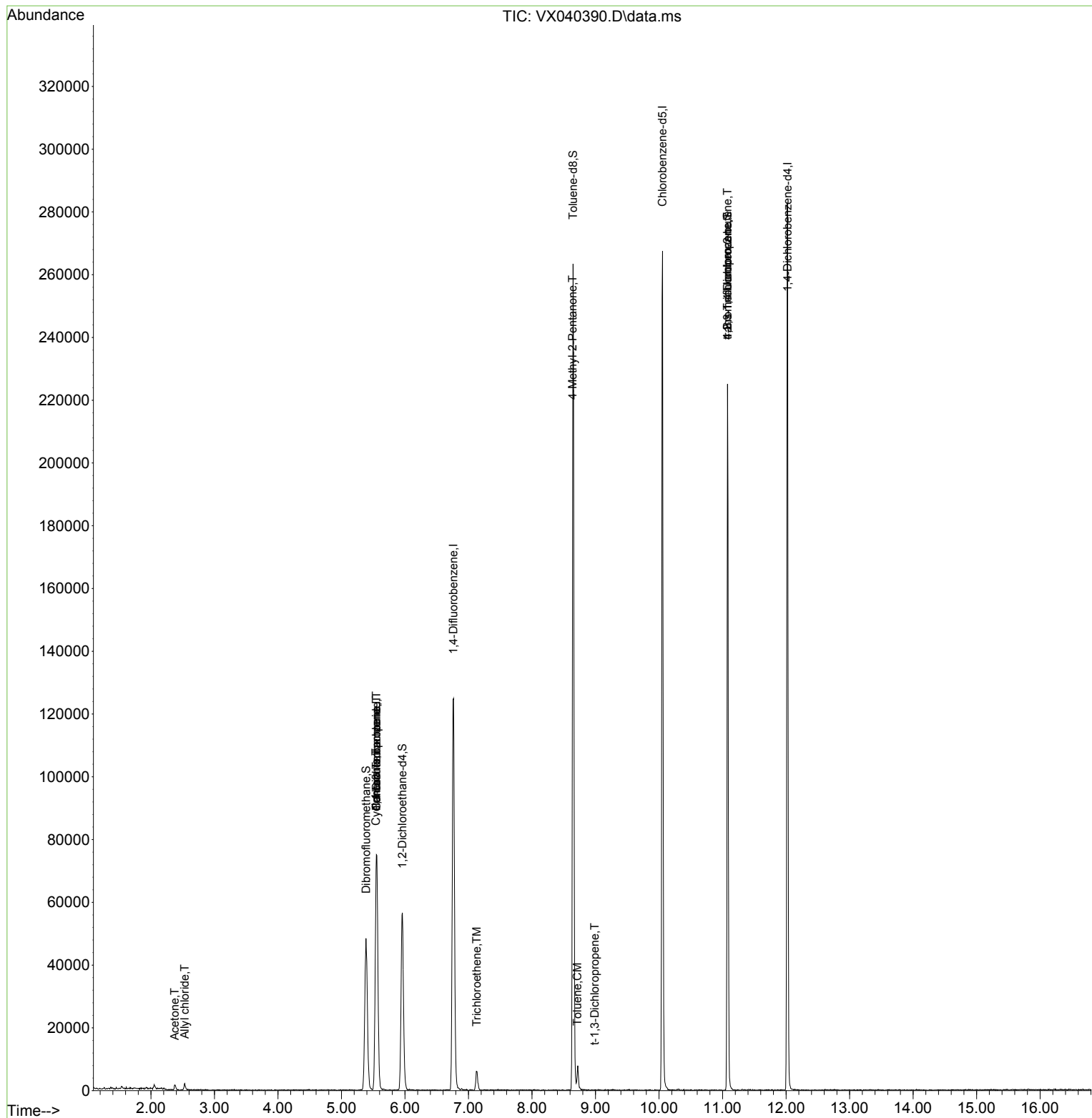
Internal Standards						
1) Pentafluorobenzene	5.550	168	66758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123504	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55351	55.732	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.460%			
35) Dibromofluoromethane	5.385	113	41991	48.686	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.380%			
50) Toluene-d8	8.647	98	150210	46.558	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.120%			
62) 4-Bromofluorobenzene	11.079	95	56912	43.252	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.500%			
Target Compounds						
					Qvalue	
14) Allyl chloride	2.532	41	258	0.218	ug/l #	86
16) Acetone	2.374	43	1722	4.222	ug/l	95
20) Methylene Chloride	2.782	84	22	Below Cal	#	50
31) Cyclohexane	5.544	56	1932	1.631	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	6303	5.217	ug/l #	46
38) Carbon Tetrachloride	5.550	117	7409	6.450	ug/l #	14
44) Trichloroethene	7.129	130	2241	2.405	ug/l	99
51) 4-Methyl-2-Pentanone	8.641	43	809	0.565	ug/l #	1
52) Toluene	8.714	92	2579	1.165	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	19	1.971	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	32262	27.880	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	32262	76.281	ug/l #	5

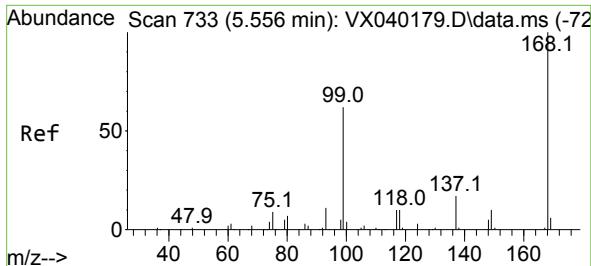
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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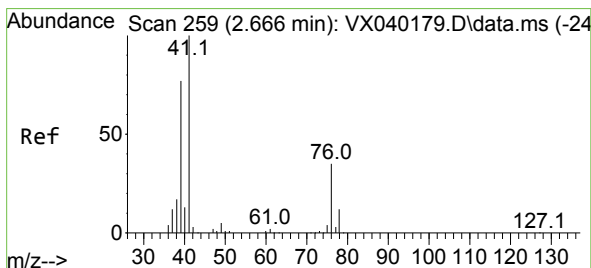
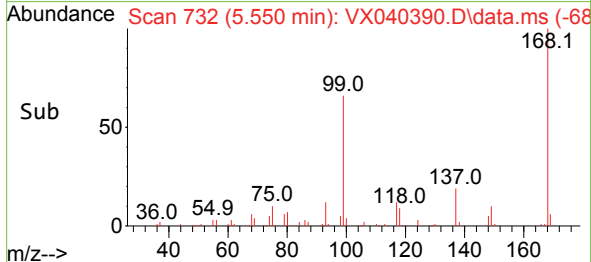
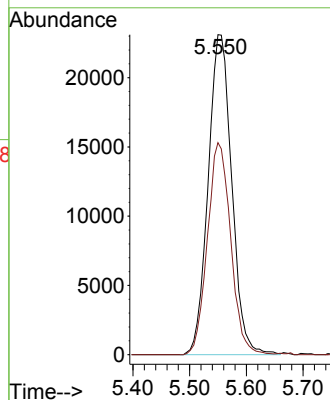
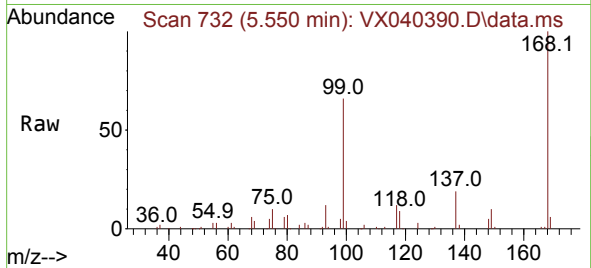




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

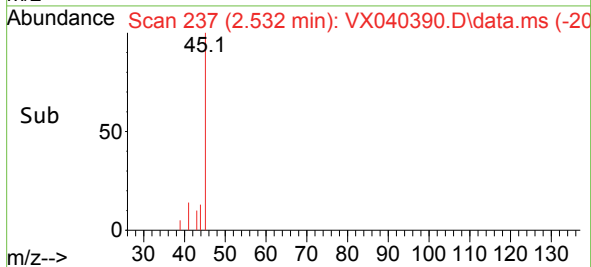
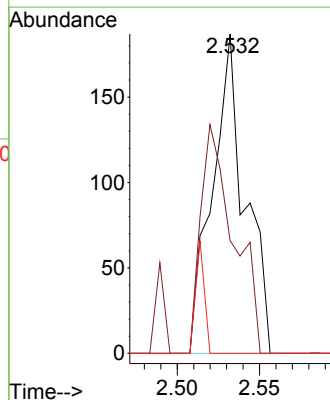
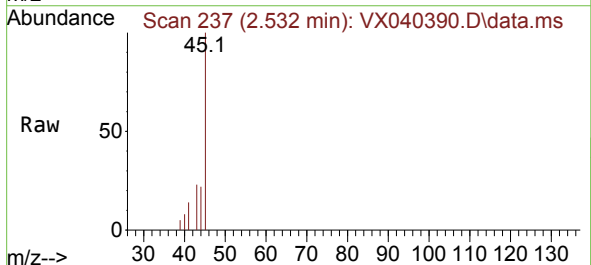
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20240216

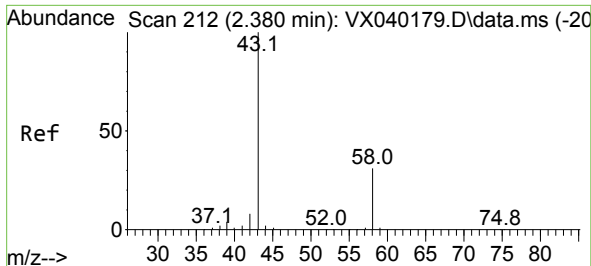
Tgt Ion:168 Resp: 66758
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#14
Allyl chloride
Concen: 0.218 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.128 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

Tgt Ion: 41 Resp: 258
Ion Ratio Lower Upper
41 100
39 72.5 55.8 83.6
76 9.3 24.3 36.5#

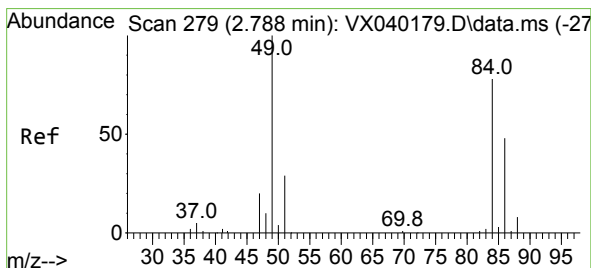
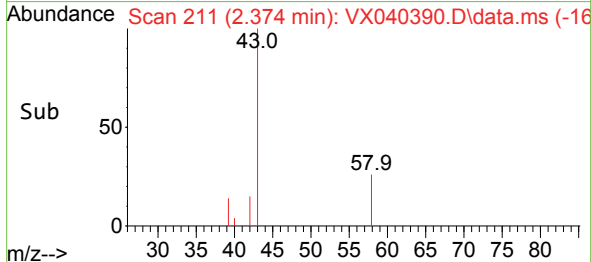
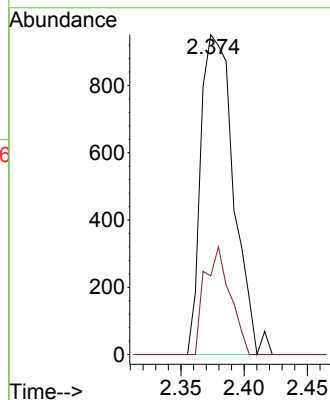
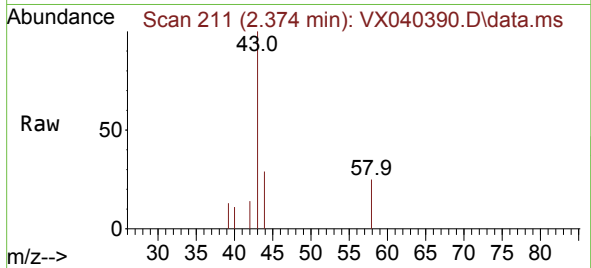




#16
Acetone
Concen: 4.222 ug/l
RT: 2.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

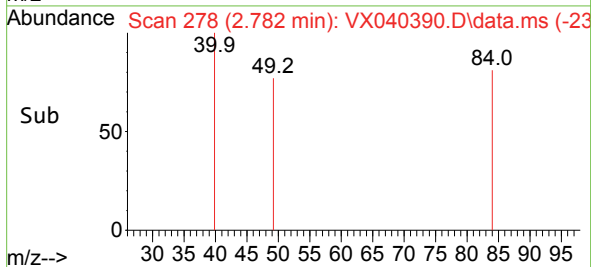
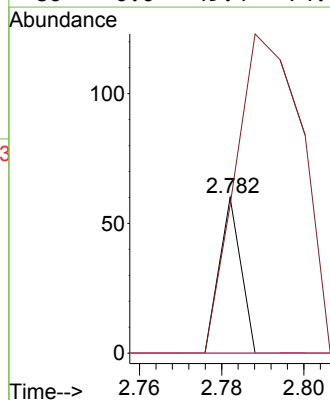
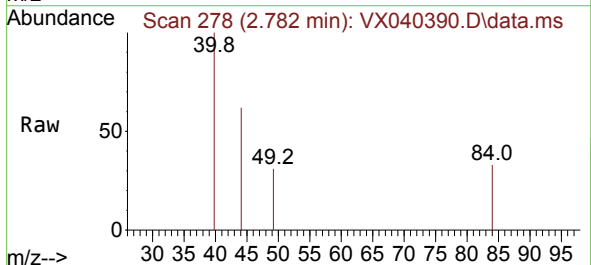
Instrument :
MSVOA_X
ClientSampleId :
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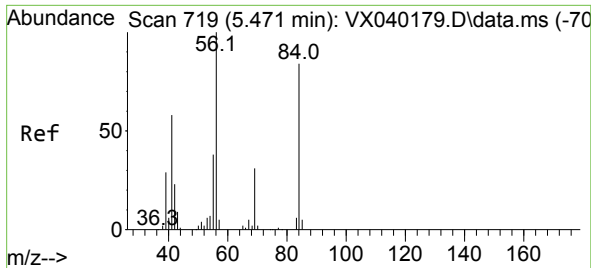
Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
58 24.6 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

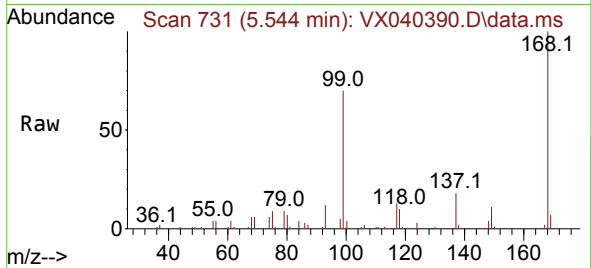
Tgt Ion: 84 Resp: 22
Ion Ratio Lower Upper
84 100
49 95.0 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#



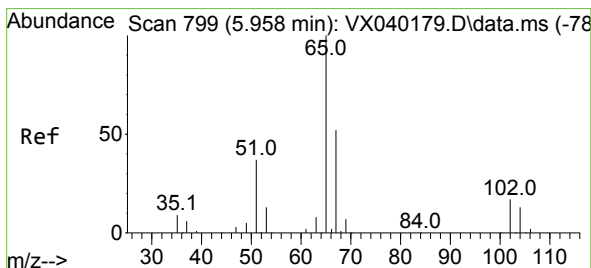
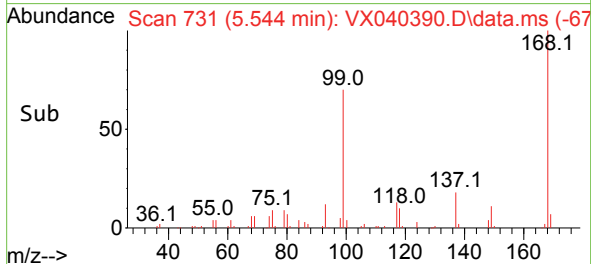
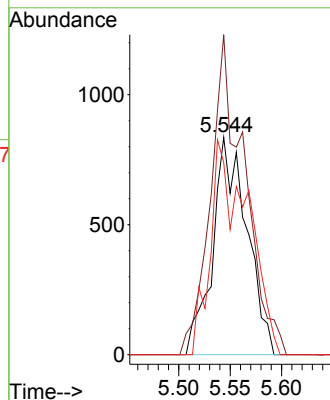


#31
Cyclohexane
Concen: 1.631 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20240216

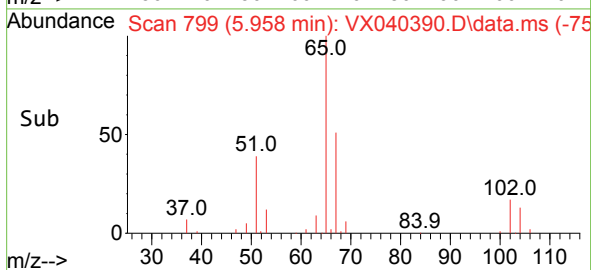
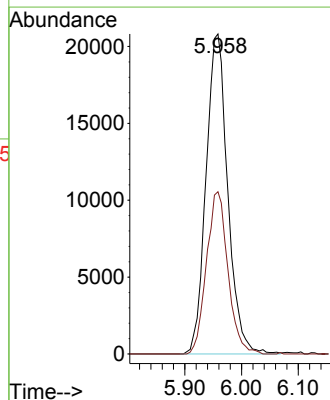
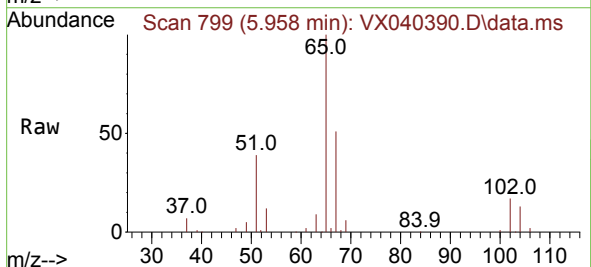


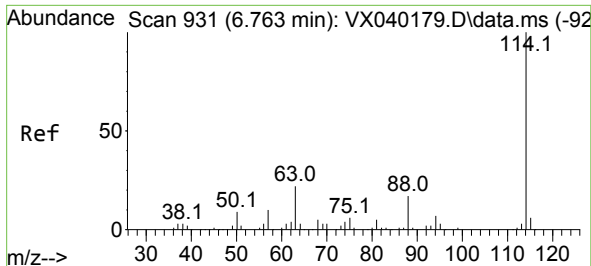
Tgt Ion: 56 Resp: 1932
Ion Ratio Lower Upper
56 100
69 147.2 23.4 35.2#
84 88.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 55.732 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

Tgt Ion: 65 Resp: 55351
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2

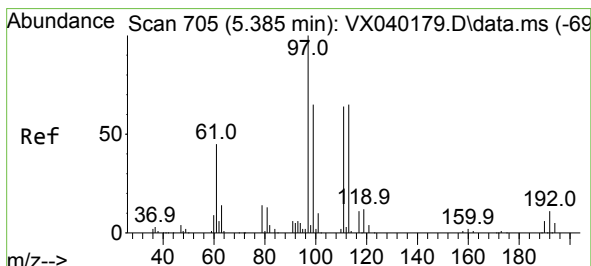
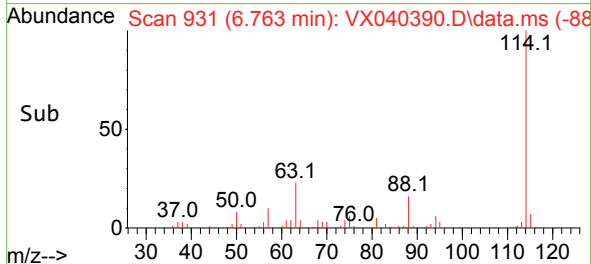
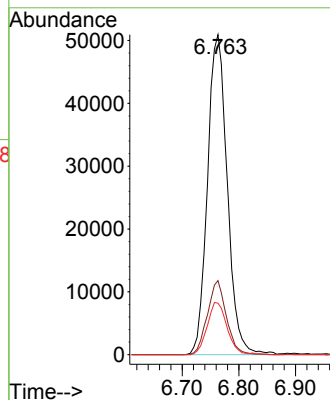
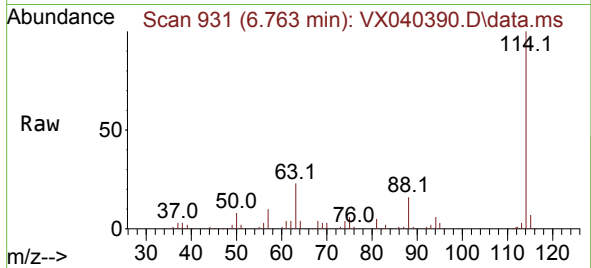




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

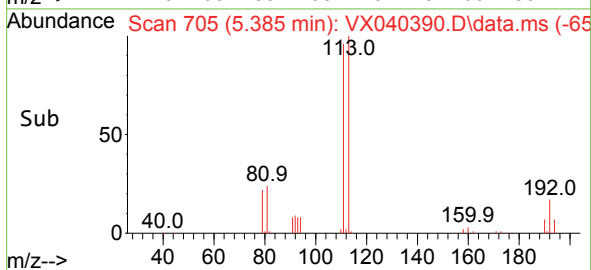
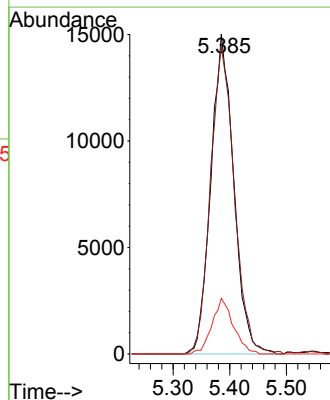
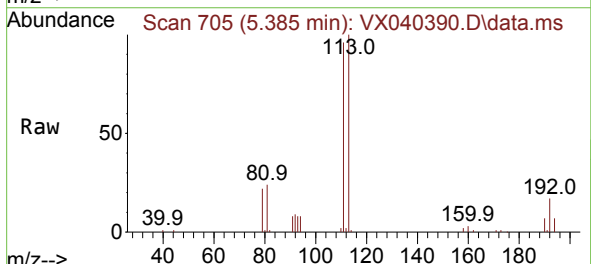
Instrument :
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ClientSampleId :
RE104D3-20240216

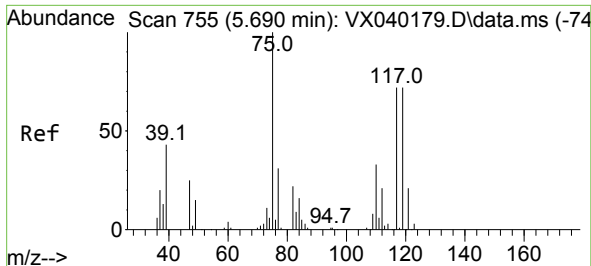
Tgt Ion:114 Resp: 123504
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.686 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

Tgt Ion:113 Resp: 41991
Ion Ratio Lower Upper
113 100
111 100.1 82.9 124.3
192 16.2 13.3 19.9

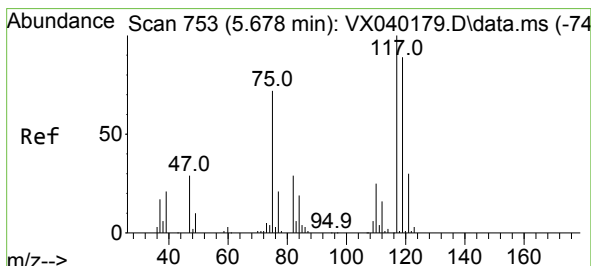
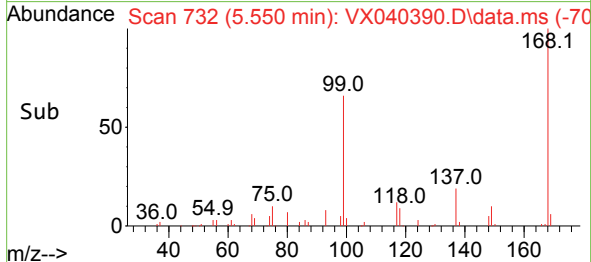
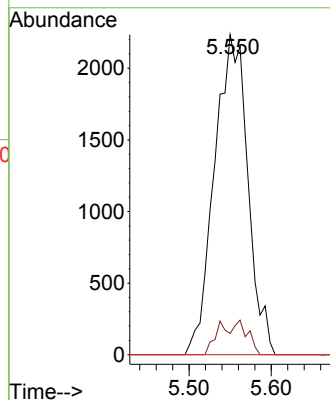
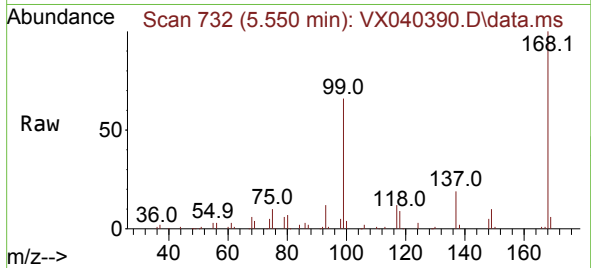




#36
1,1-Dichloropropene
Concen: 5.217 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

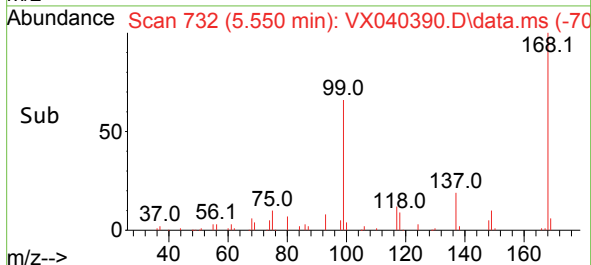
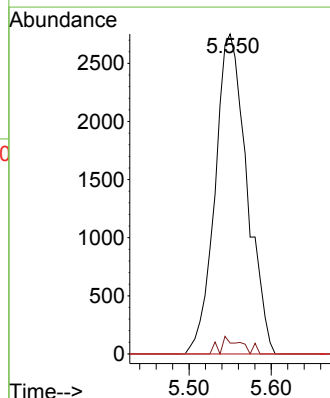
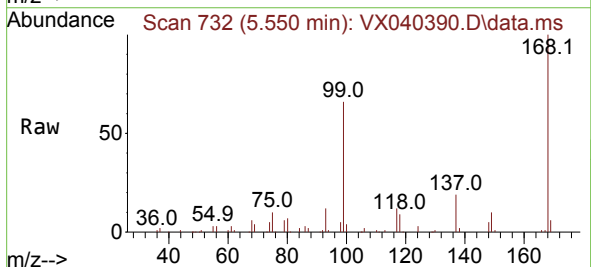
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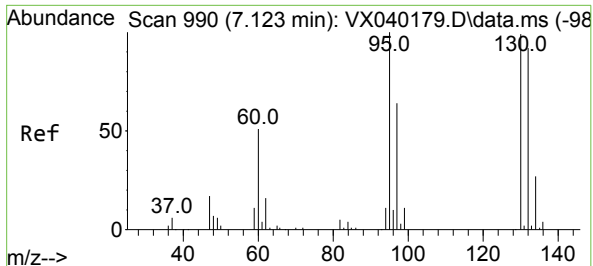
Tgt Ion: 75 Resp: 6303
Ion Ratio Lower Upper
75 100
110 4.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.450 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

Tgt Ion: 117 Resp: 7409
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.2#
121 0.0 24.4 36.6#





#44

Trichloroethene

Concen: 2.405 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX040390.D

Acq: 21 Feb 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

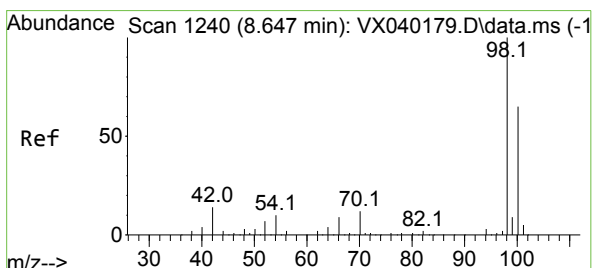
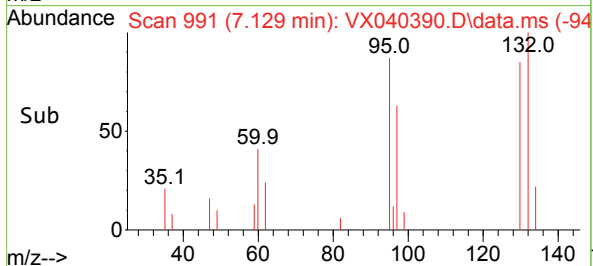
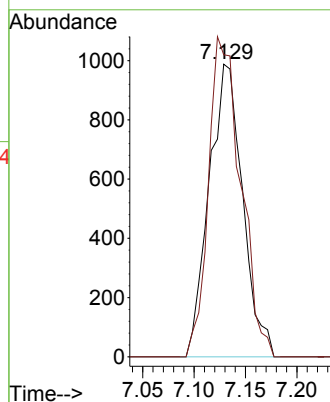
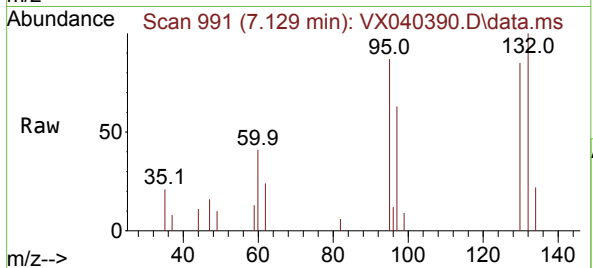
RE104D3-20240216

Tgt Ion:130 Resp: 2241

Ion Ratio Lower Upper

130 100

95 103.2 0.0 204.4



#50

Toluene-d8

Concen: 46.558 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040390.D

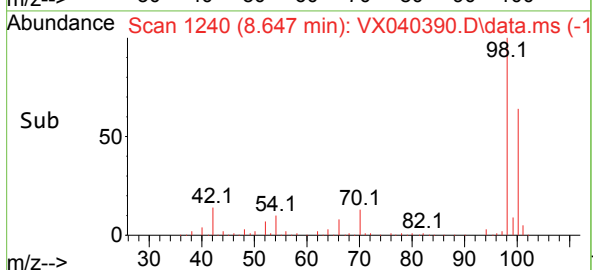
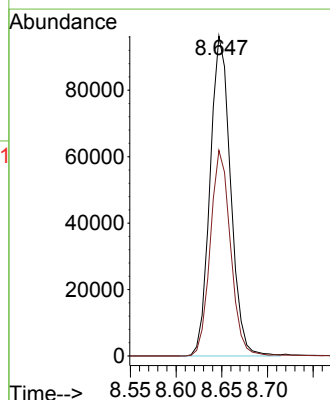
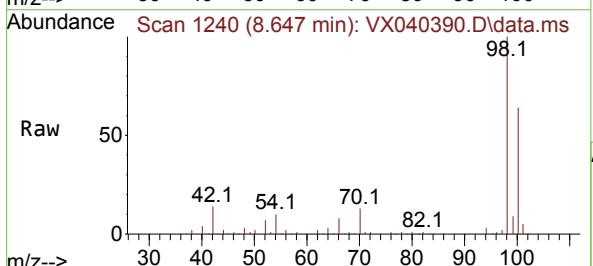
Acq: 21 Feb 2024 18:31

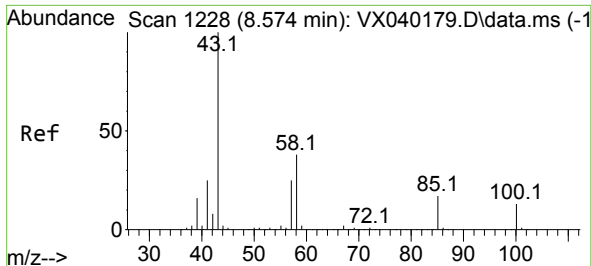
Tgt Ion: 98 Resp: 150210

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7

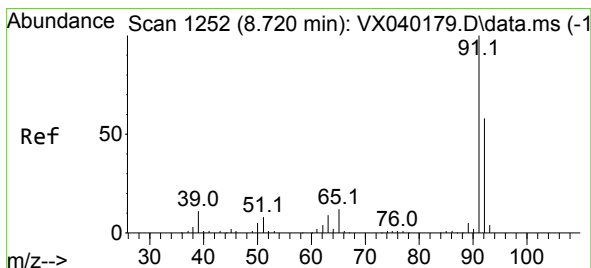
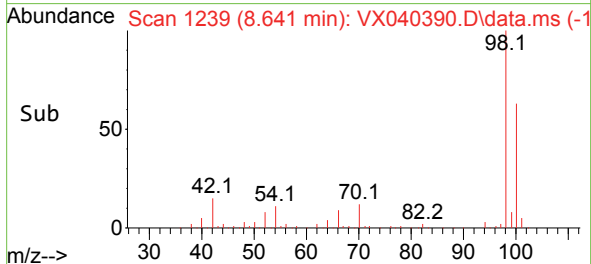
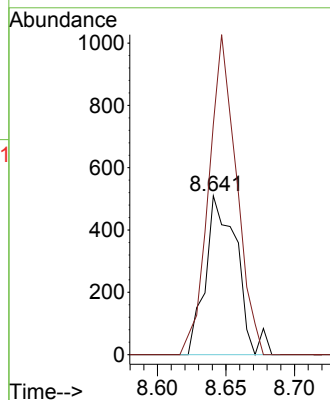
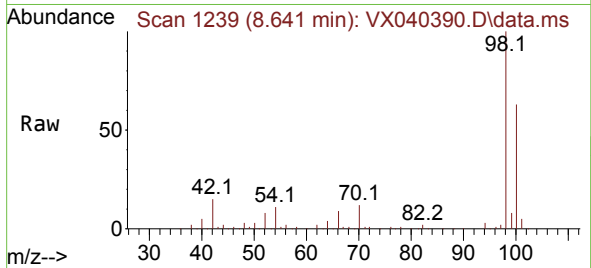




#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

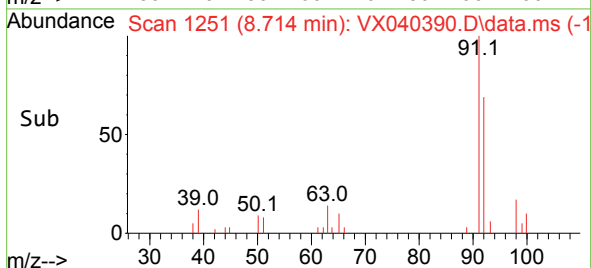
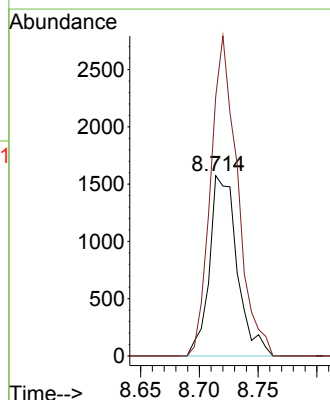
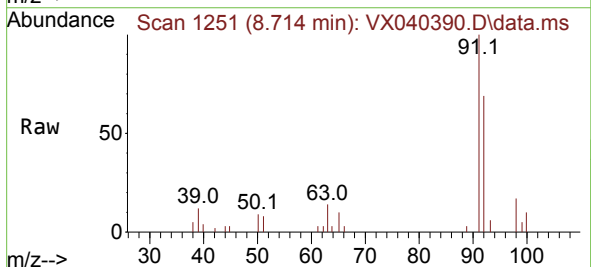
Instrument :
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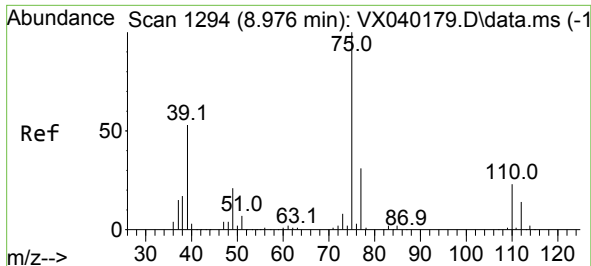
Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
58 178.5 30.4 45.6#



#52
Toluene
Concen: 1.165 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

Tgt Ion: 92 Resp: 2579
Ion Ratio Lower Upper
92 100
91 172.0 134.2 201.2

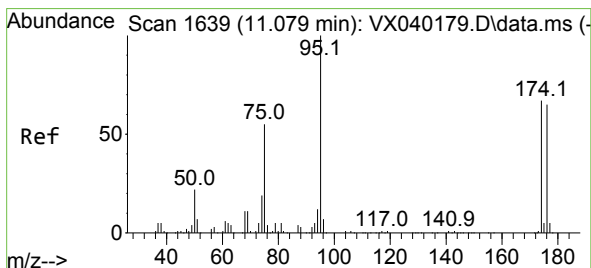
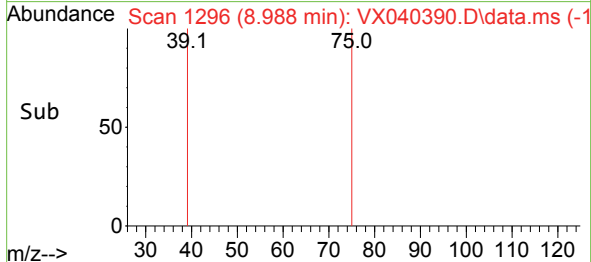
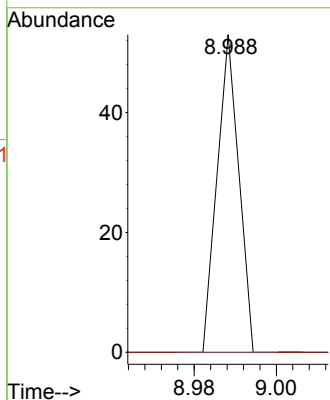
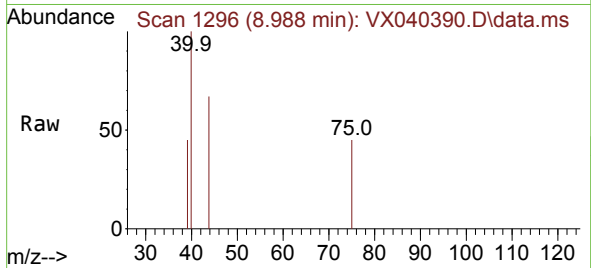




#53
t-1,3-Dichloropropene
Concen: 1.971 ug/l
RT: 8.988 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

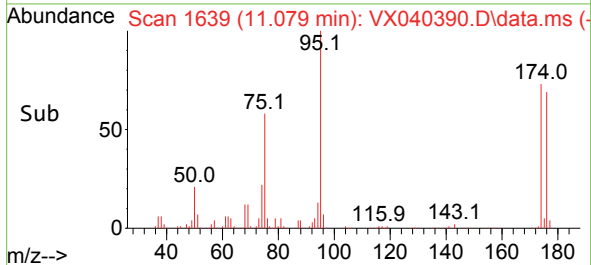
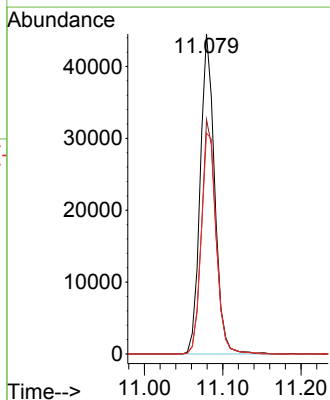
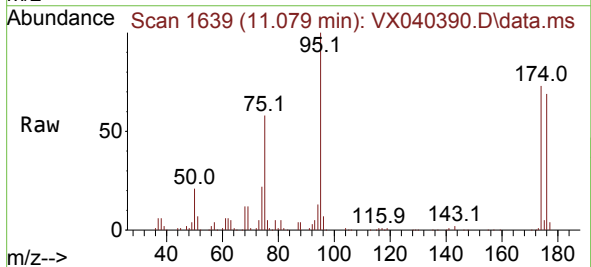
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20240216

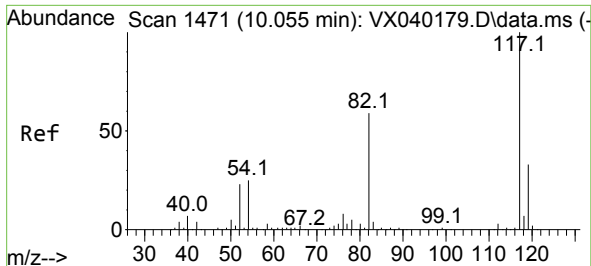
Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 43.252 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

Tgt Ion: 95 Resp: 56912
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 72.1 0.0 131.0

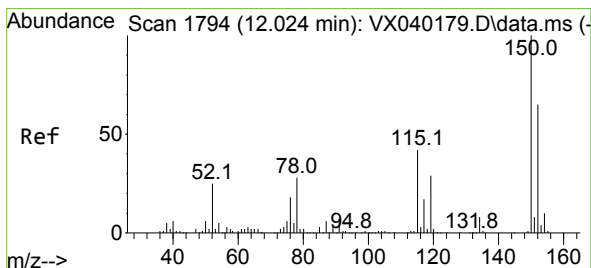
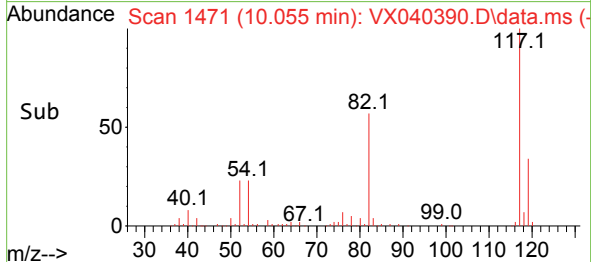
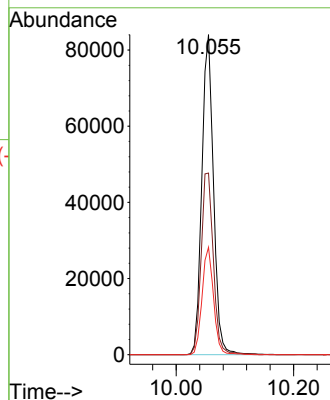
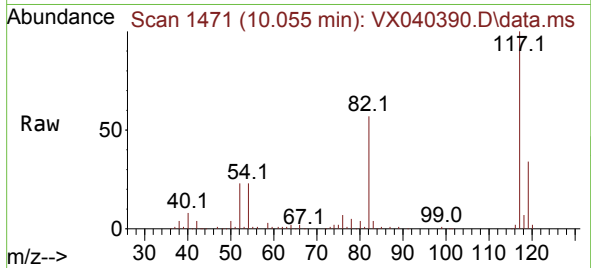




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

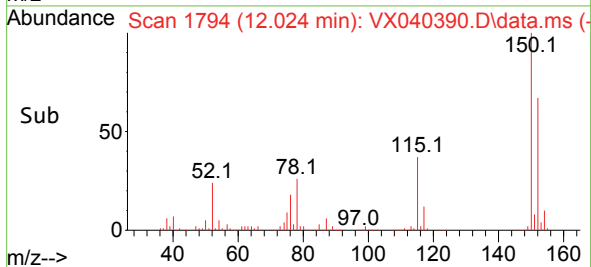
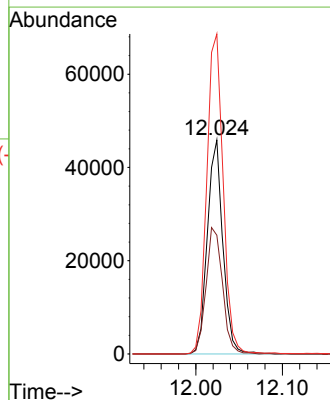
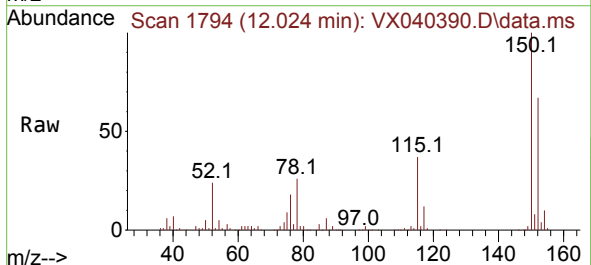
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20240216

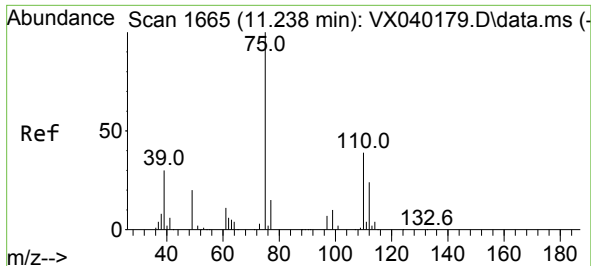
Tgt Ion:117 Resp: 115600
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 33.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

Tgt Ion:152 Resp: 57144
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 157.5 0.0 345.0

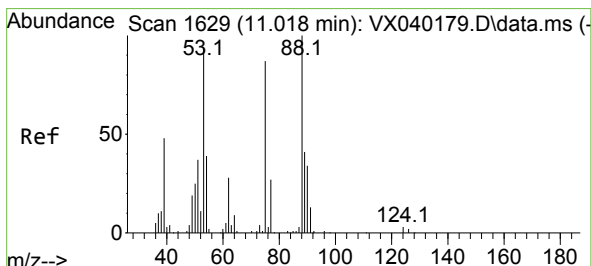
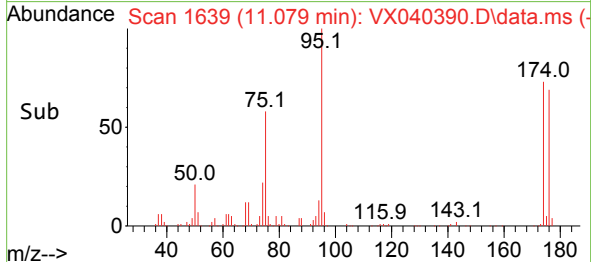
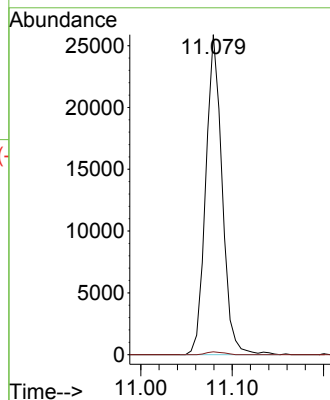
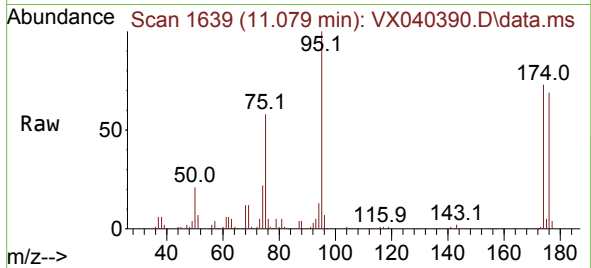




#76
1,2,3-Trichloropropane
Concen: 27.880 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20240216

Tgt Ion: 75 Resp: 32262
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.281 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040390.D
Acq: 21 Feb 2024 18:31

Tgt Ion: 75 Resp: 32262
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

