

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040353.D
 Acq On : 20 Feb 2024 13:53
 Operator : JC/MD
 Sample : P1507-24DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20240214DL

Quant Time: Feb 21 01:13:21 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)

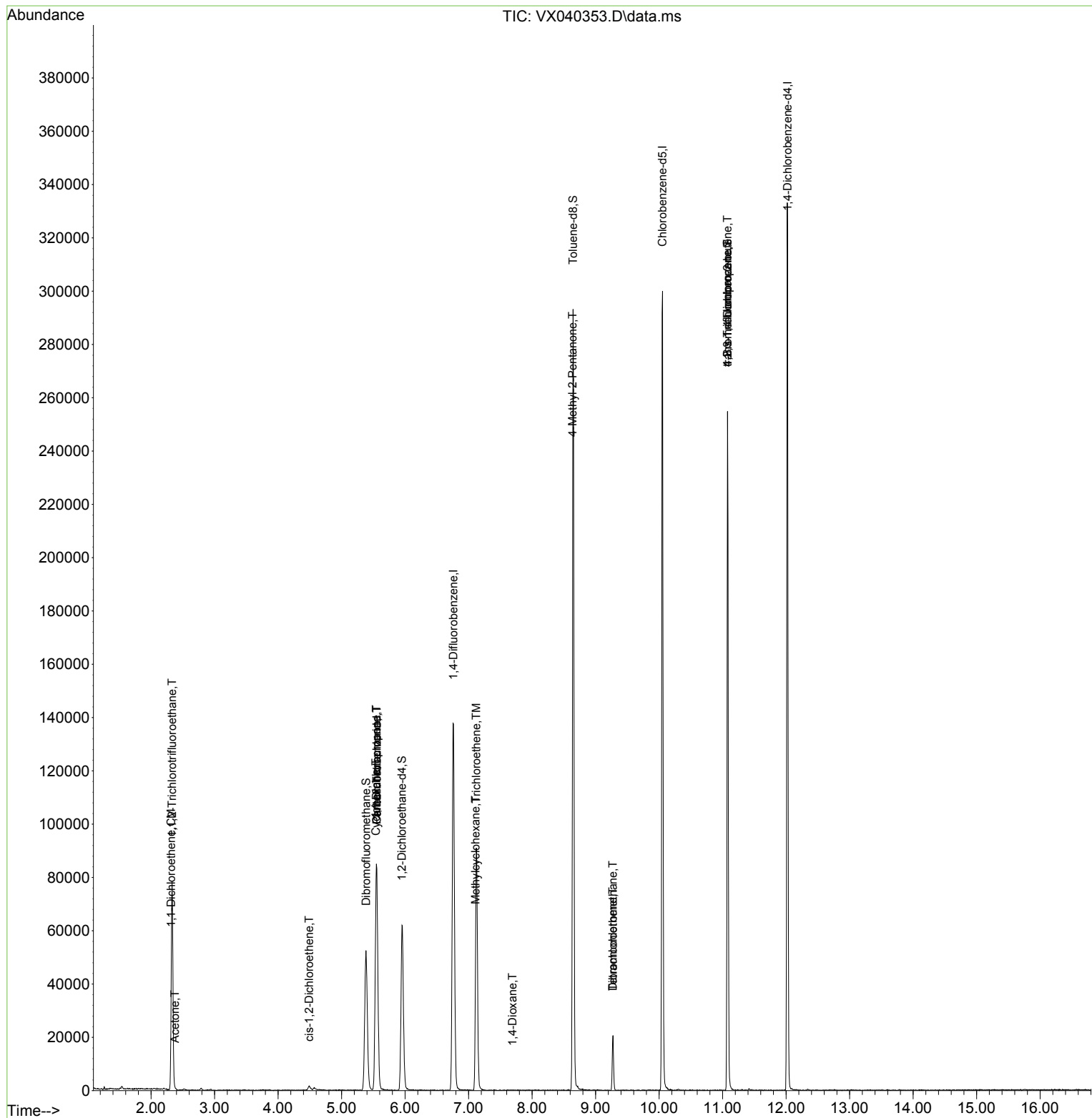
Internal Standards						
1) Pentafluorobenzene	5.555	168	76129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	135738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60077	53.045	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.080%			
35) Dibromofluoromethane	5.385	113	44370	46.808	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.620%			
50) Toluene-d8	8.646	98	167985	47.375	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.740%			
62) 4-Bromofluorobenzene	11.079	95	66835	46.216	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.440%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.330	101	30223	37.439	ug/l	99
12) 1,1-Dichloroethene	2.318	96	431	0.555	ug/l #	89
16) Acetone	2.379	43	338	0.727	ug/l #	89
20) Methylene Chloride	2.788	84	369	Below Cal	#	79
27) cis-1,2-Dichloroethene	4.489	96	671	0.664	ug/l	80
31) Cyclohexane	5.543	56	2043	1.512	ug/l #	46
36) 1,1-Dichloropropene	5.549	75	7146	5.382	ug/l #	49
38) Carbon Tetrachloride	5.555	117	8372	6.631	ug/l #	14
39) Methylcyclohexane	7.110	83	411	0.266	ug/l #	1
44) Trichloroethene	7.122	130	33544	32.748	ug/l	100
49) 1,4-Dioxane	7.689	88	22	0.857	ug/l #	12
51) 4-Methyl-2-Pentanone	8.640	43	803	0.510	ug/l #	1
60) Dibromochloromethane	9.274	129	3574	3.381	ug/l #	11
64) Tetrachloroethene	9.274	164	3306	3.582	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	36290	26.837	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	36290	73.562	ug/l #	5

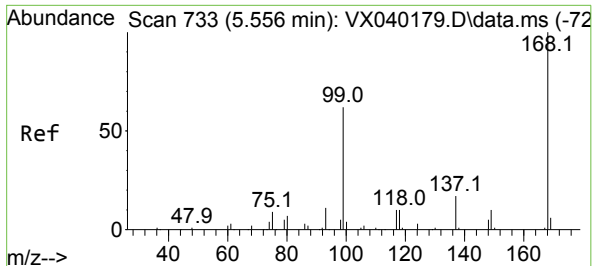
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 21 01:13:21 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

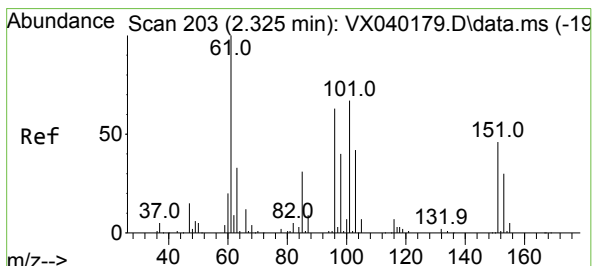
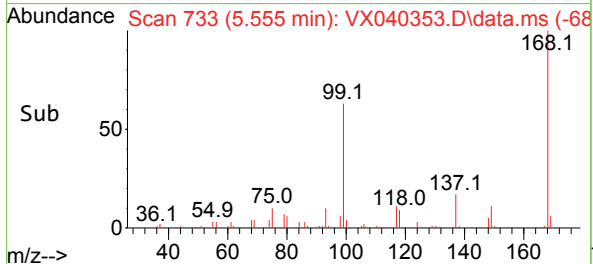
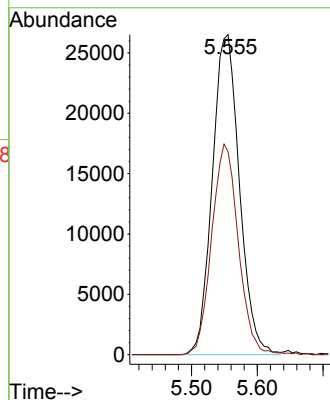
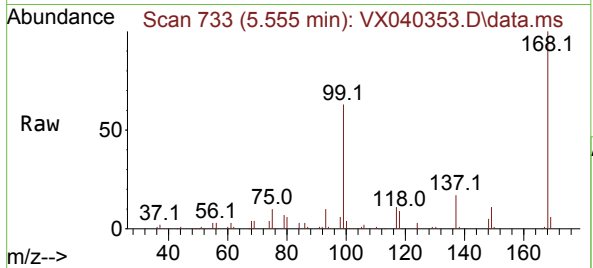




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

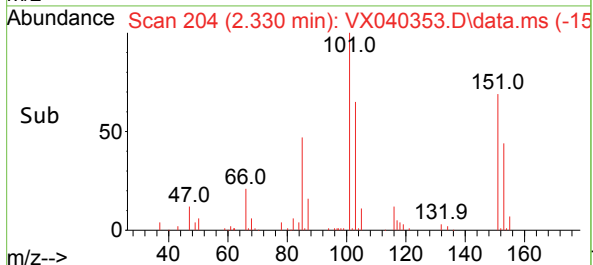
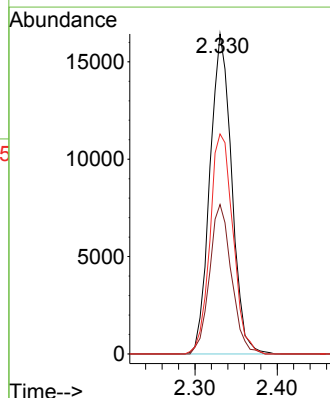
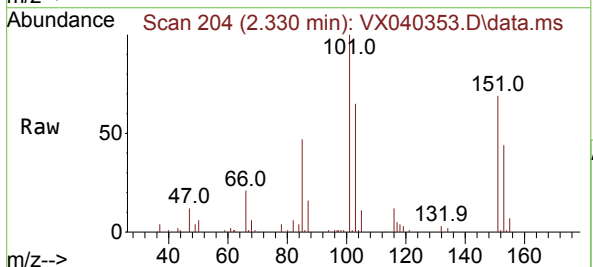
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20240214DL

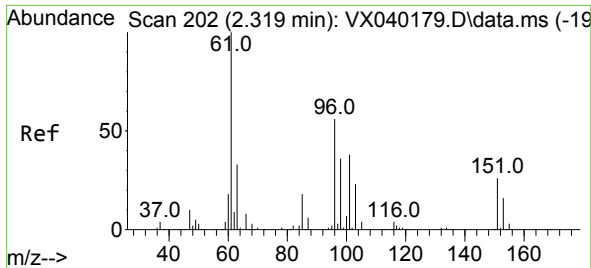
Tgt Ion:168 Resp: 76129
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 37.439 ug/l
RT: 2.330 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

Tgt Ion:101 Resp: 30223
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 72.8 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.555 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040353.D

Acq: 20 Feb 2024 13:53

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20240214DL

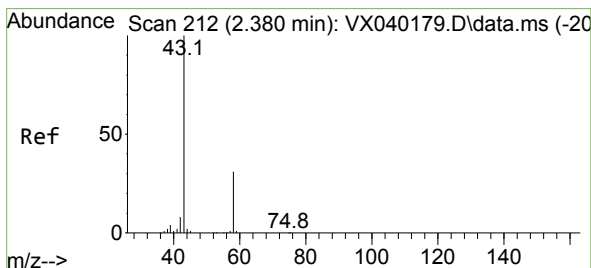
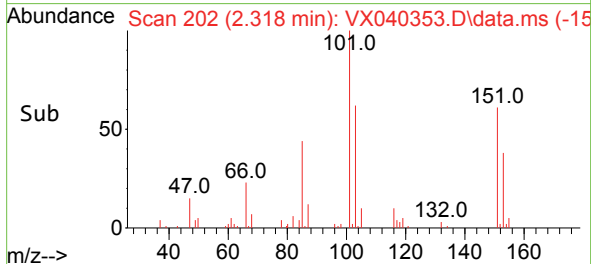
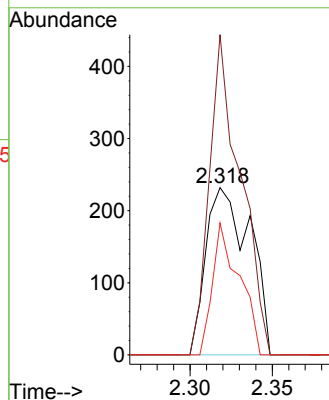
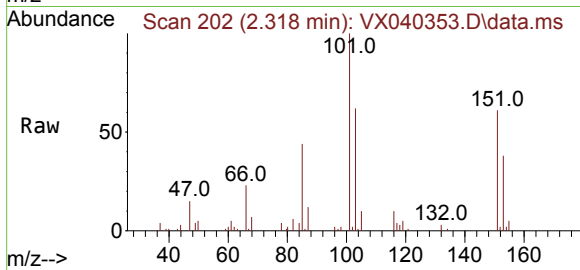
Tgt Ion: 96 Resp: 431

Ion Ratio Lower Upper

96 100

61 191.4 144.6 216.8

98 78.9 50.4 75.6#



#16

Acetone

Concen: 0.727 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX040353.D

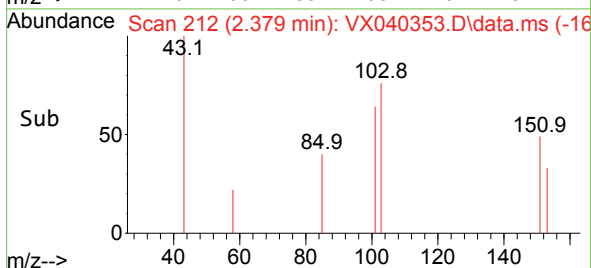
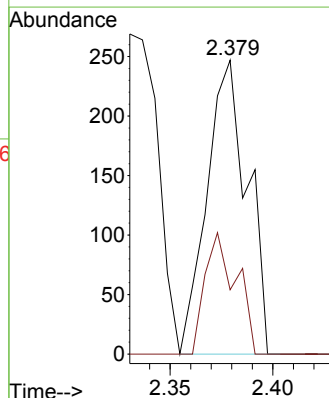
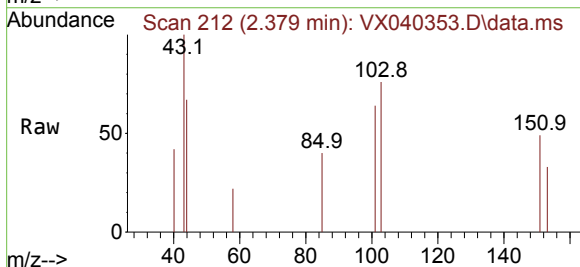
Acq: 20 Feb 2024 13:53

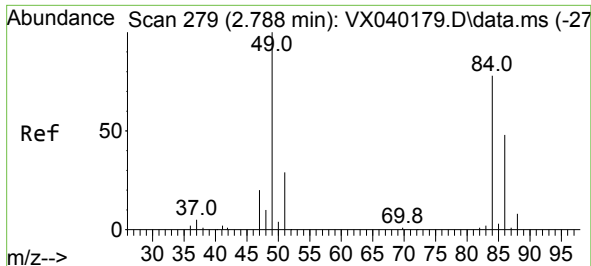
Tgt Ion: 43 Resp: 338

Ion Ratio Lower Upper

43 100

58 21.9 21.9 32.9#



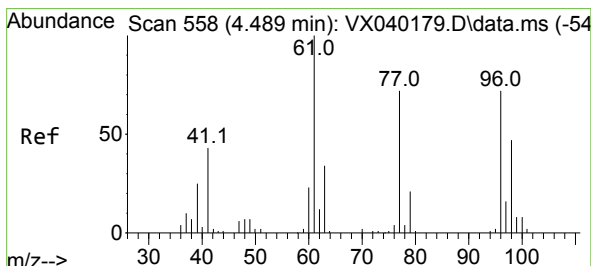
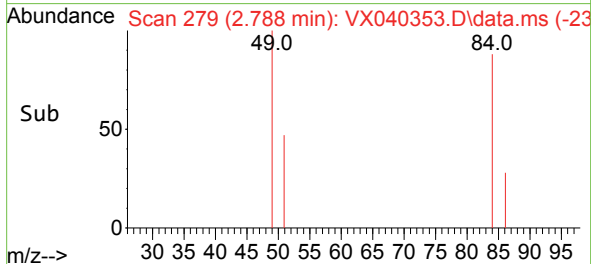
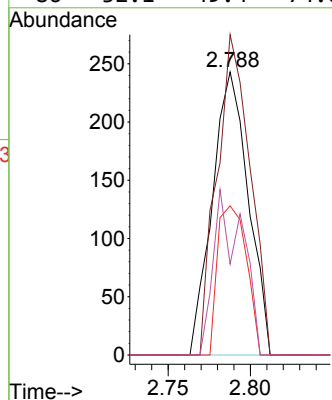
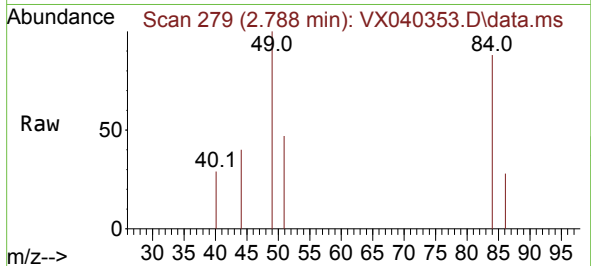


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20240214DL

Tgt Ion: 84 Resp: 369

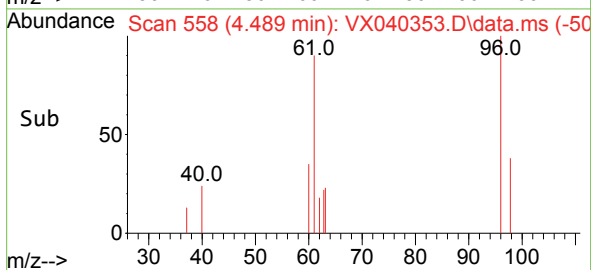
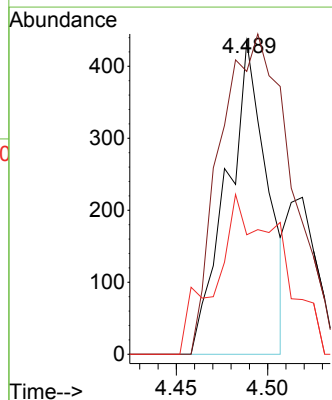
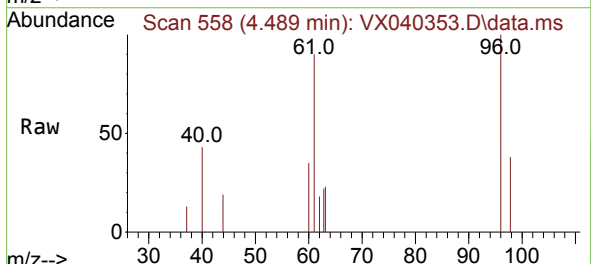
Ion	Ratio	Lower	Upper
84	100		
49	113.2	103.6	155.4
51	52.7	33.8	50.6#
86	32.1	49.4	74.0#

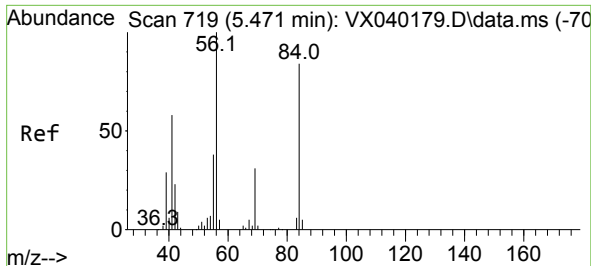


#27
cis-1,2-Dichloroethene
Concen: 0.664 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

Tgt Ion: 96 Resp: 671

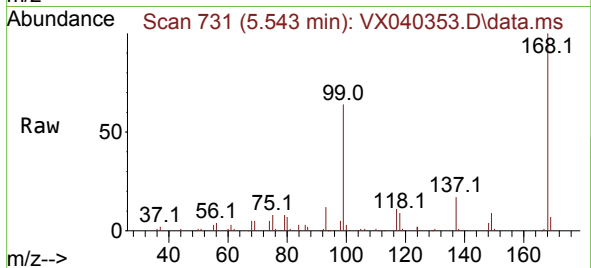
Ion	Ratio	Lower	Upper
96	100		
61	179.6	0.0	312.2
98	82.7	0.0	129.0



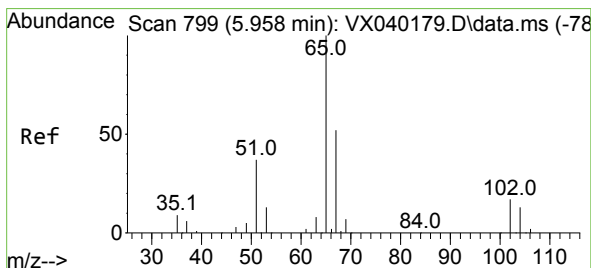
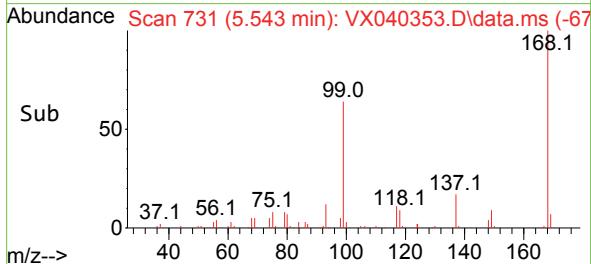
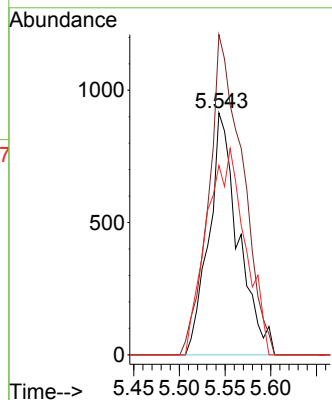


#31
Cyclohexane
Concen: 1.512 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :
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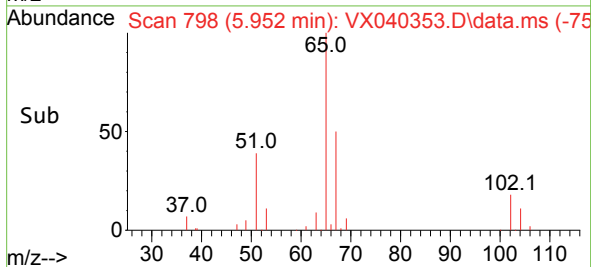
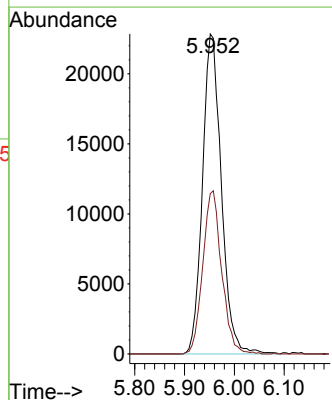
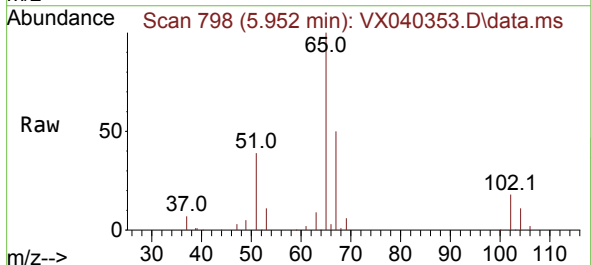


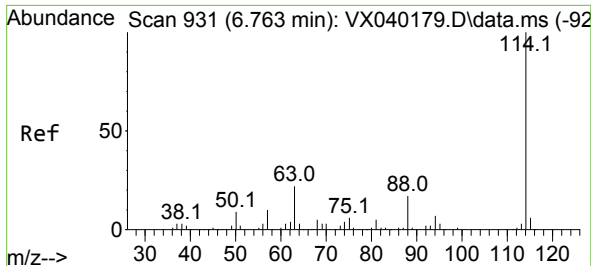
Tgt Ion: 56 Resp: 2043
Ion Ratio Lower Upper
56 100
69 132.4 23.4 35.2#
84 78.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 53.045 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

Tgt Ion: 65 Resp: 60077
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

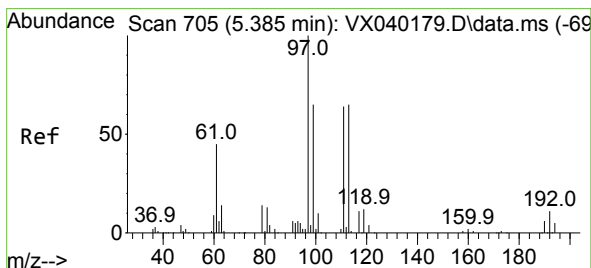
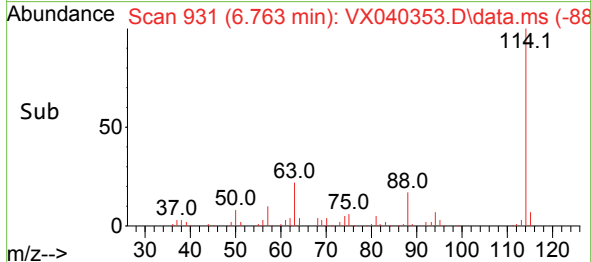
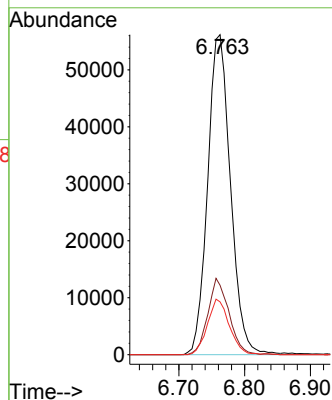
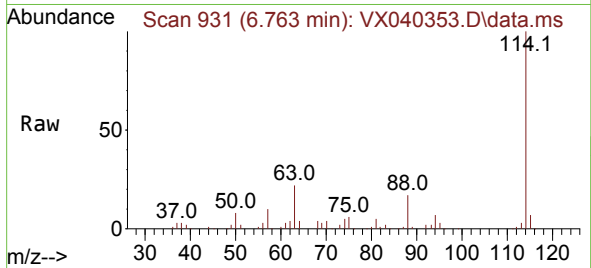




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

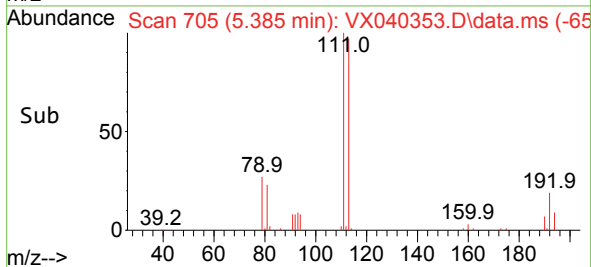
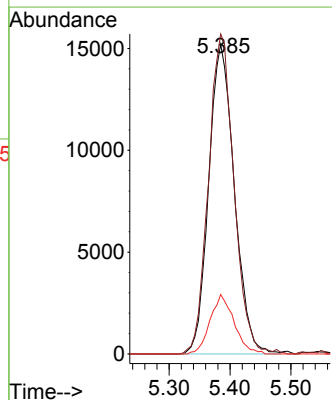
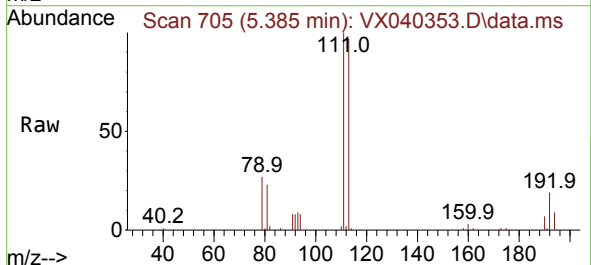
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20240214DL

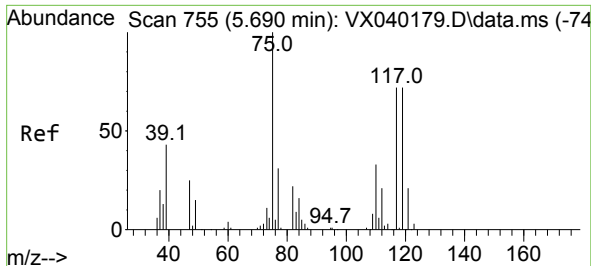
Tgt Ion:114 Resp: 135738
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.808 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

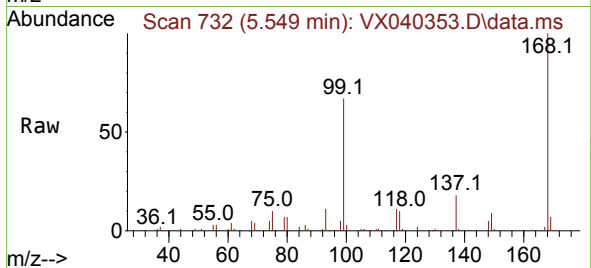
Tgt Ion:113 Resp: 44370
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.0 13.3 19.9



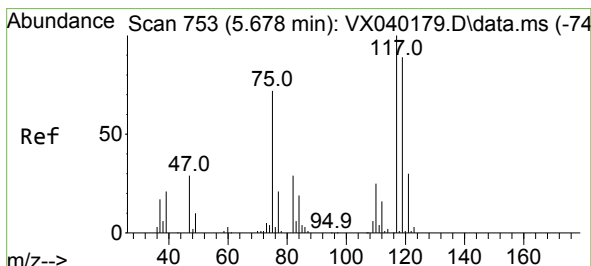
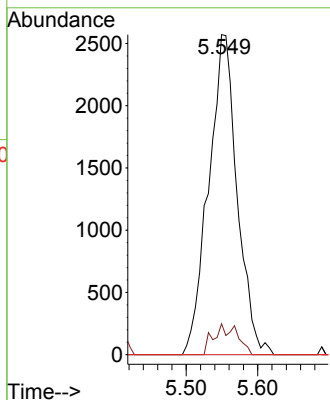
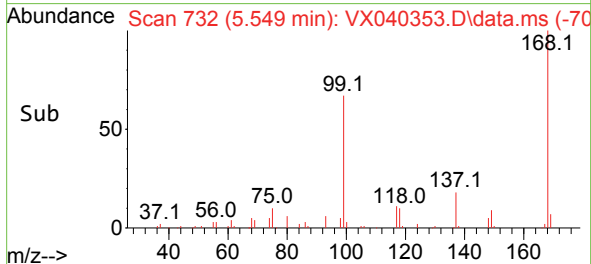


#36
1,1-Dichloropropene
Concen: 5.382 ug/l
RT: 5.549 min Scan# 714
Delta R.T. -0.147 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :
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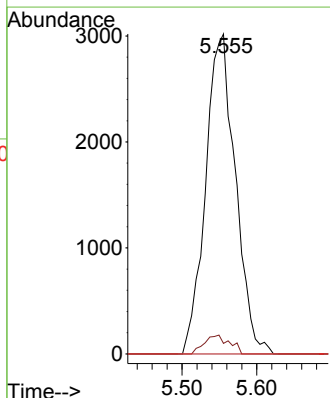
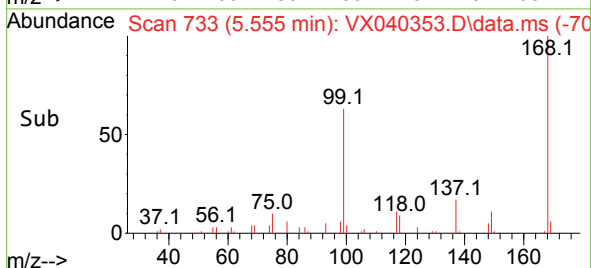
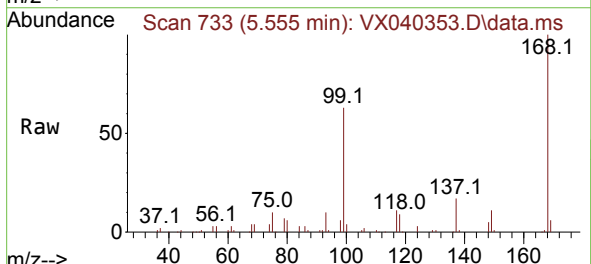


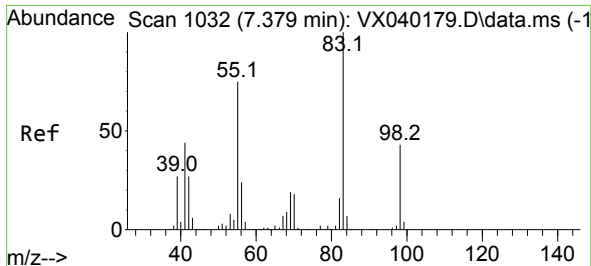
Tgt Ion: 75 Resp: 7146
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.631 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

Tgt Ion: 117 Resp: 8372
Ion Ratio Lower Upper
117 100
119 3.3 78.2 117.2#
121 0.0 24.4 36.6#

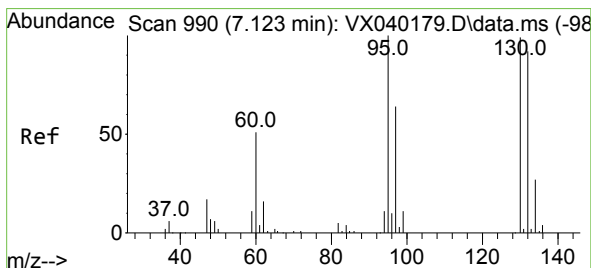
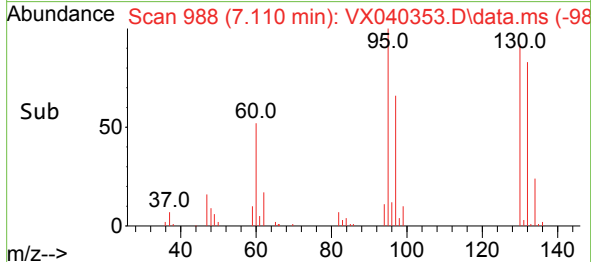
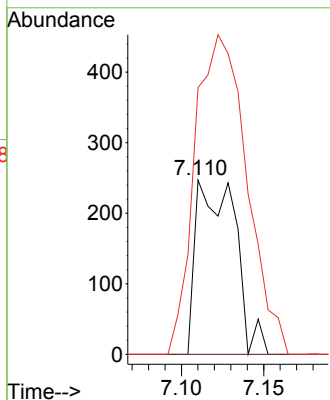
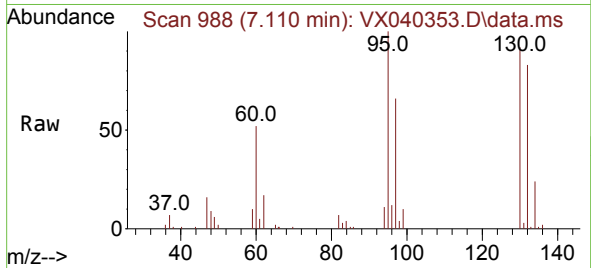




#39
Methylcyclohexane
Concen: 0.266 ug/l
RT: 7.110 min Scan# 911
Delta R.T. -0.269 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

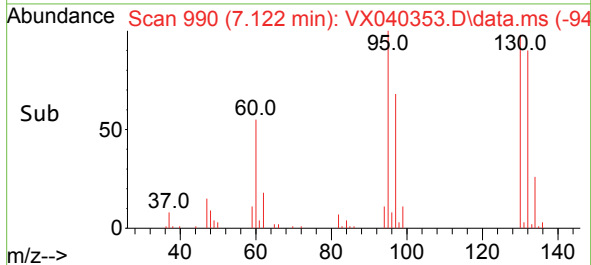
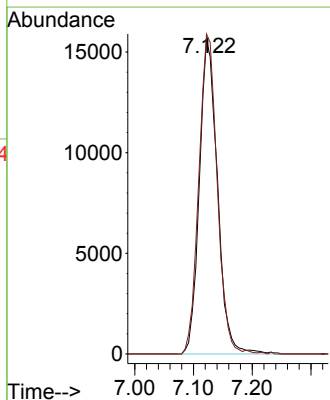
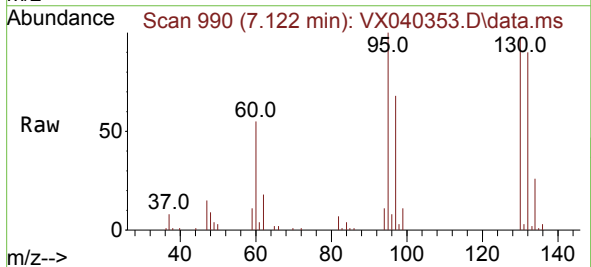
Instrument :
MSVOA_X
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RE131D2-20240214DL

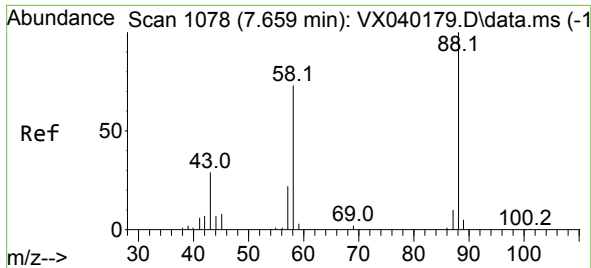
Tgt Ion: 83 Resp: 411
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 130.4 36.7 55.1#



#44
Trichloroethene
Concen: 32.748 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

Tgt Ion:130 Resp: 33544
Ion Ratio Lower Upper
130 100
95 101.8 0.0 204.4

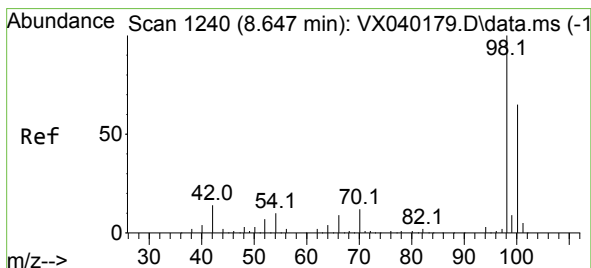
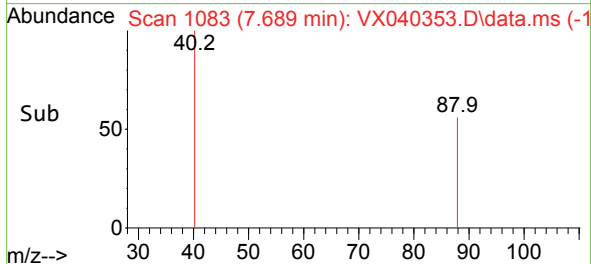
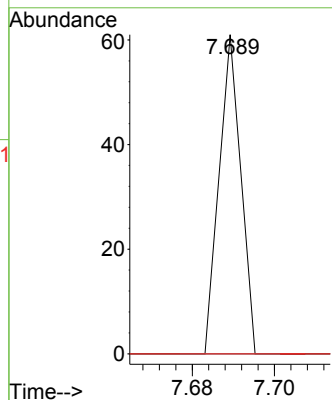
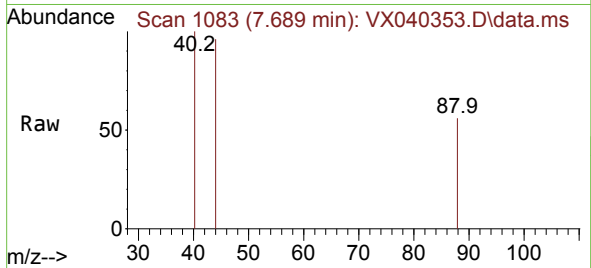




#49
1,4-Dioxane
Concen: 0.857 ug/l
RT: 7.689 min Scan# 1078
Delta R.T. 0.030 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

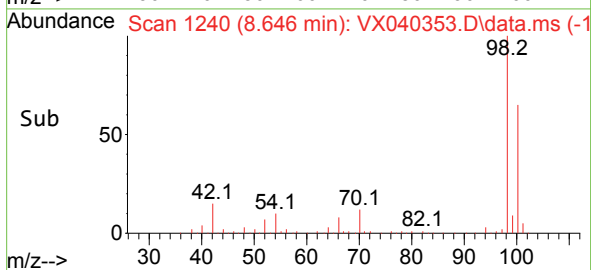
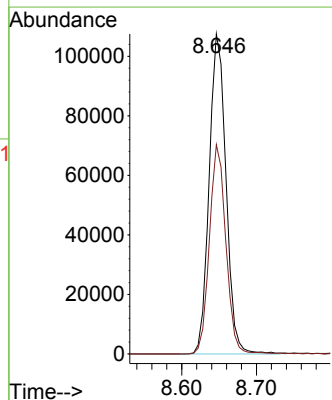
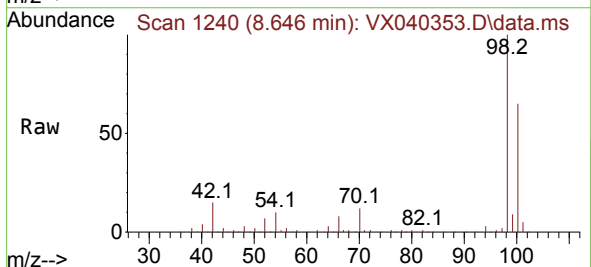
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20240214DL

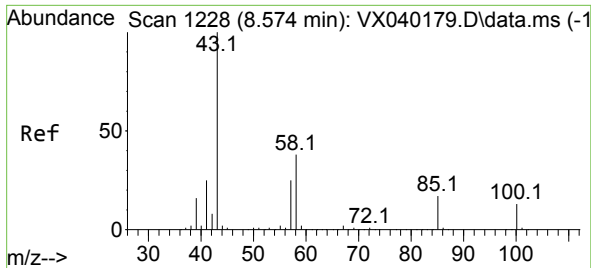
Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 47.375 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

Tgt Ion: 98 Resp: 167985
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

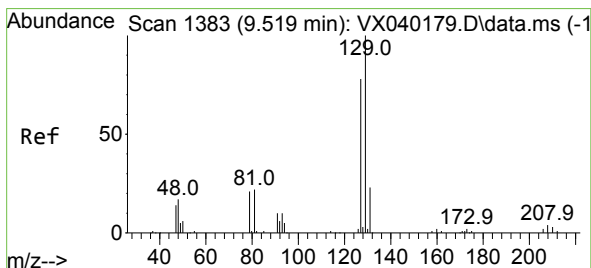
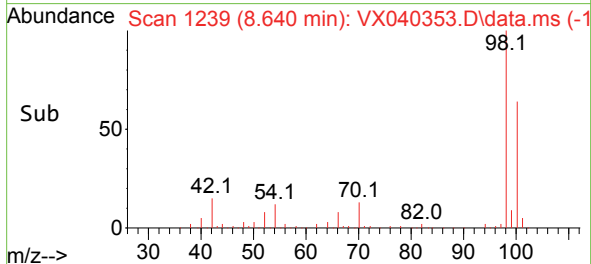
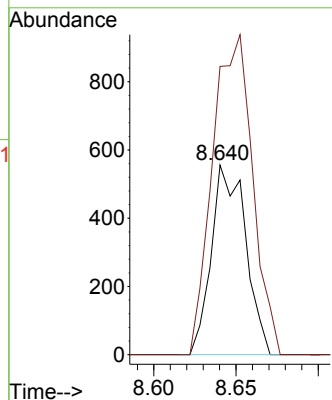
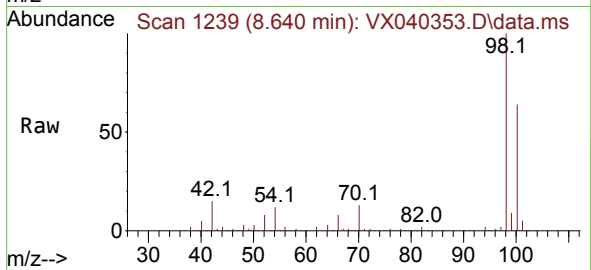




#51
4-Methyl-2-Pentanone
Concen: 0.510 ug/l
RT: 8.640 min Scan# 11
Delta R.T. 0.066 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

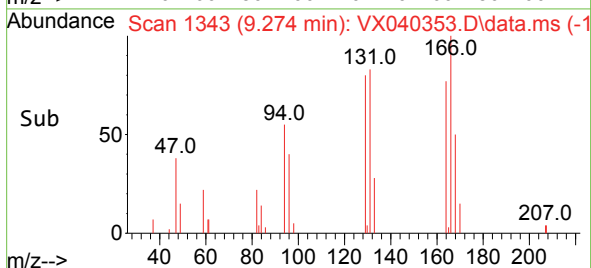
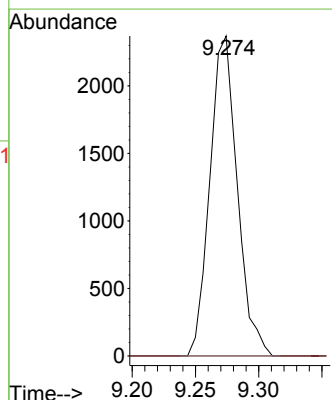
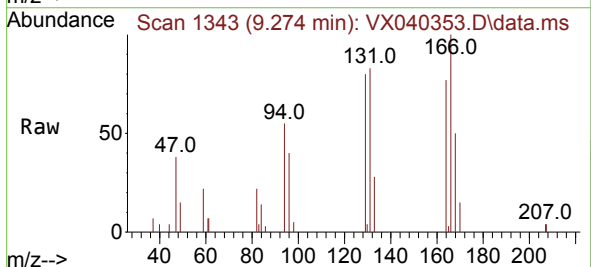
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20240214DL

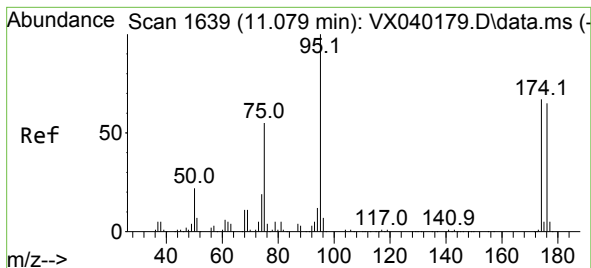
Tgt Ion: 43 Resp: 803
Ion Ratio Lower Upper
43 100
58 197.4 30.4 45.6#



#60
Dibromochloromethane
Concen: 3.381 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

Tgt Ion: 129 Resp: 3574
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

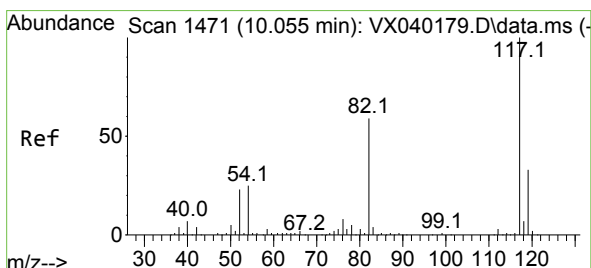
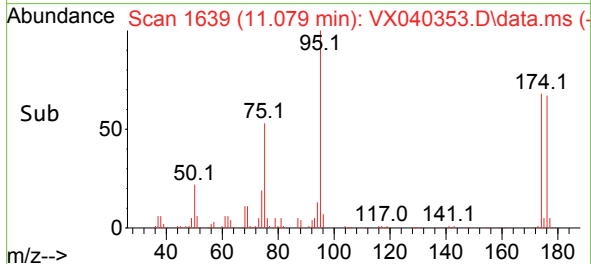
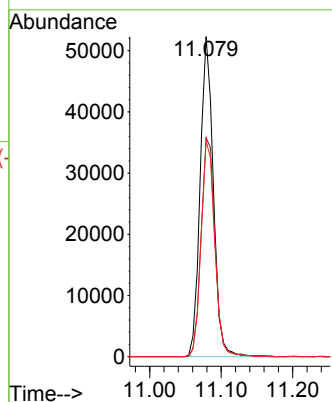
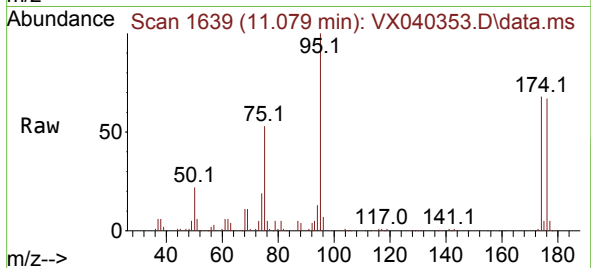




#62
4-Bromofluorobenzene
Concen: 46.216 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

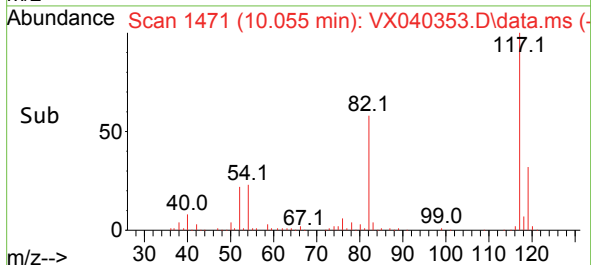
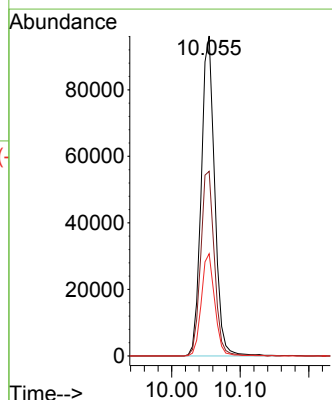
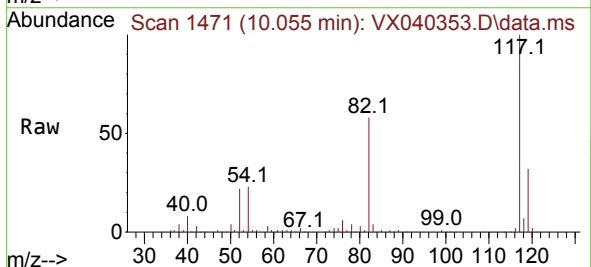
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20240214DL

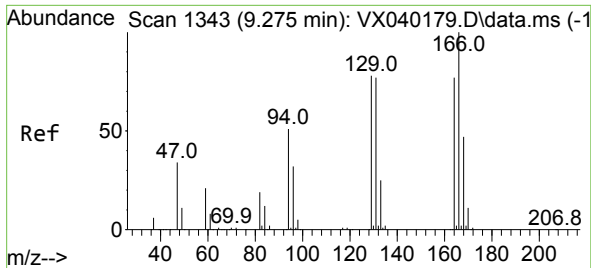
Tgt Ion: 95 Resp: 66835
Ion Ratio Lower Upper
95 100
174 72.1 0.0 135.6
176 69.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

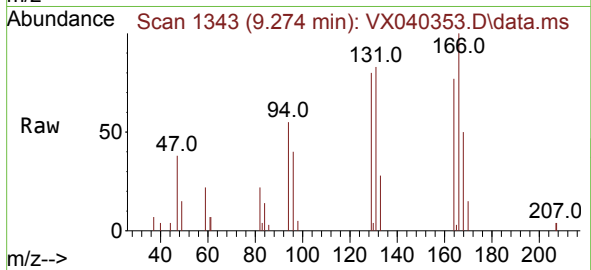
Tgt Ion: 117 Resp: 131717
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 32.0 25.5 38.3





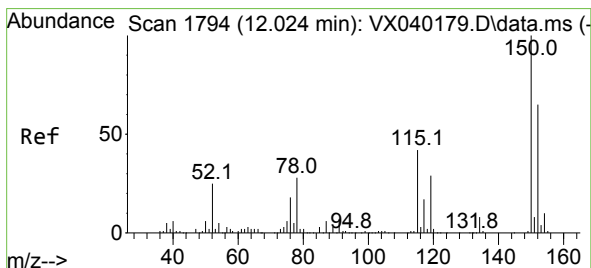
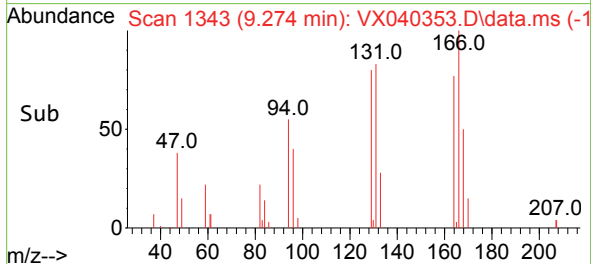
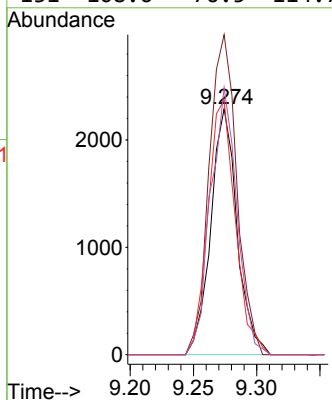
#64
Tetrachloroethene
Concen: 3.582 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20240214DL



Tgt Ion:164 Resp: 3306

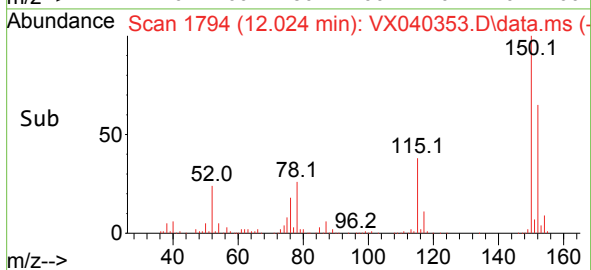
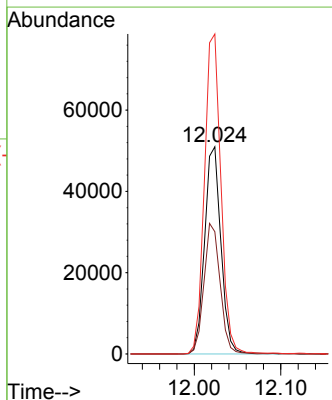
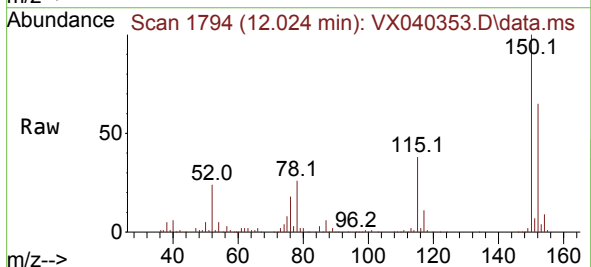
Ion	Ratio	Lower	Upper
164	100		
166	130.2	102.7	154.1
129	103.5	80.4	120.6
131	108.6	76.5	114.7

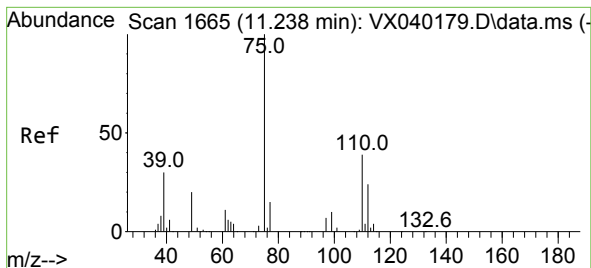


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040353.D
Acq: 20 Feb 2024 13:53

Tgt Ion:152 Resp: 66775

Ion	Ratio	Lower	Upper
152	100		
115	62.2	43.3	129.9
150	155.7	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 26.837 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040353.D

Acq: 20 Feb 2024 13:53

Instrument :

MSVOA_X

ClientSampleId :

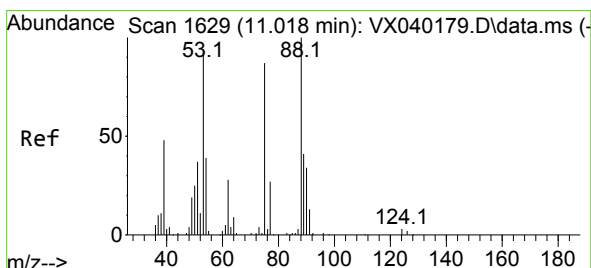
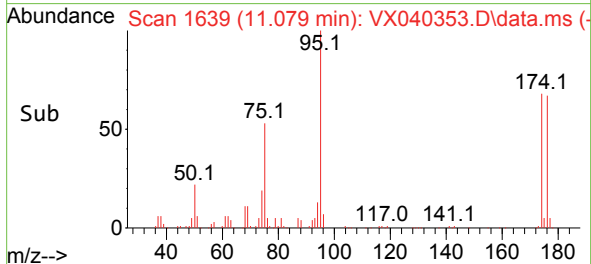
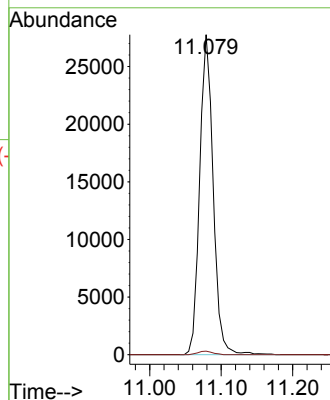
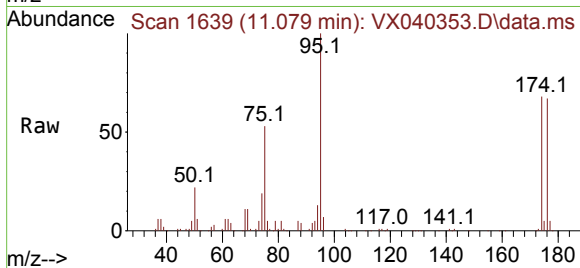
RE131D2-20240214DL

Tgt Ion: 75 Resp: 36290

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.562 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040353.D

Acq: 20 Feb 2024 13:53

Tgt Ion: 75 Resp: 36290

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

