

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040403.D
 Acq On : 22 Feb 2024 15:49
 Operator : JC/MD
 Sample : P1532-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20240216DL

Quant Time: Feb 23 00:08:45 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)

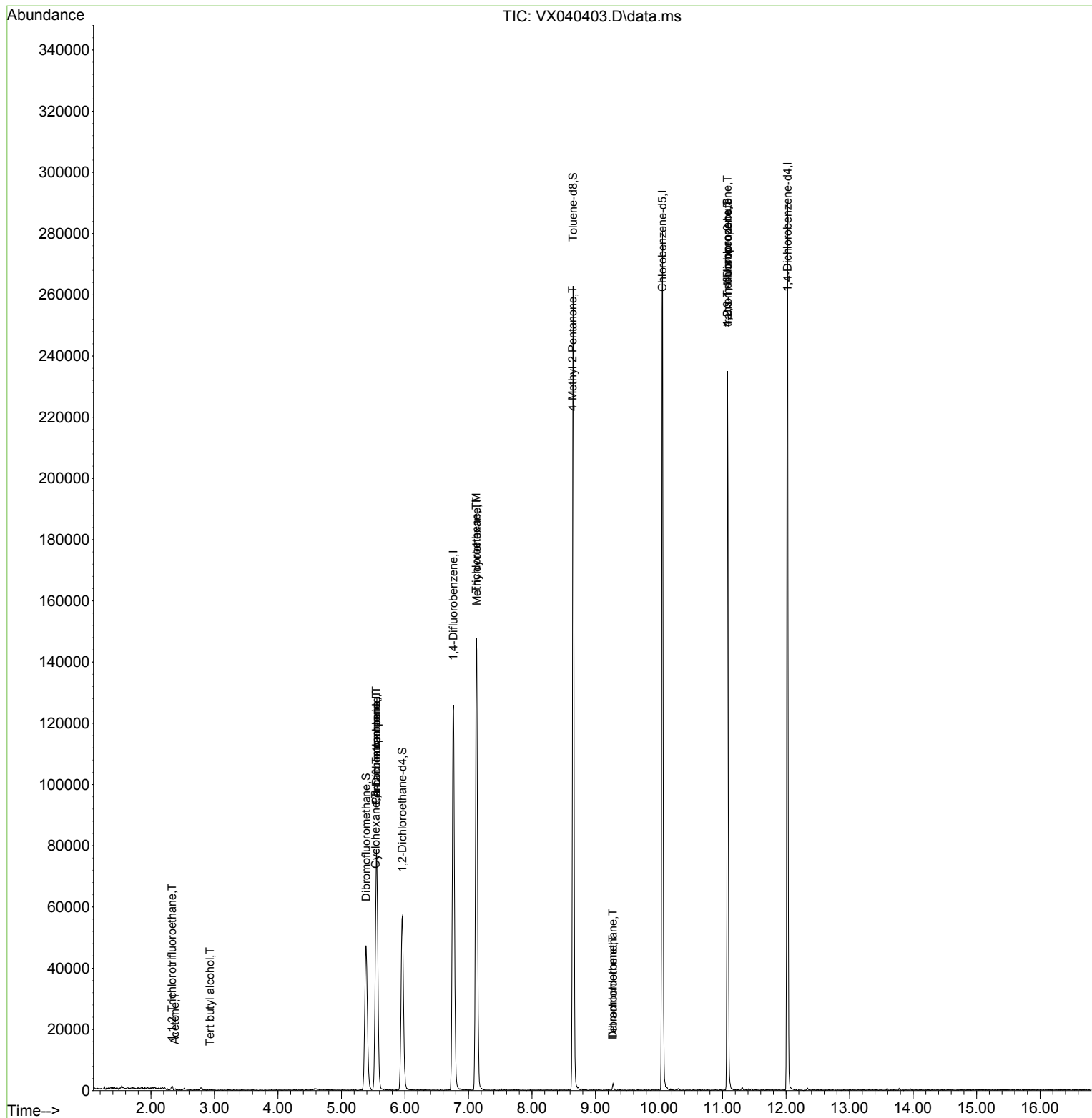
Internal Standards						
1) Pentafluorobenzene	5.550	168	67619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124221	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56607	56.271	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.540%
35) Dibromofluoromethane	5.385	113	40242	46.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.780%
50) Toluene-d8	8.647	98	152278	46.927	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.860%
62) 4-Bromofluorobenzene	11.079	95	58121	43.916	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.840%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	579	0.808	ug/l #	81
11) Tert butyl alcohol	2.928	59	83	0.424	ug/l #	78
16) Acetone	2.380	43	354	0.857	ug/l #	47
20) Methylene Chloride	2.782	84	414	Below Cal	#	87
31) Cyclohexane	5.537	56	2140	1.783	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	6889	5.669	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7993	6.918	ug/l #	15
39) Methylcyclohexane	7.129	83	768	0.544	ug/l #	1
44) Trichloroethene	7.123	130	53367	56.932	ug/l	93
51) 4-Methyl-2-Pentanone	8.641	43	736	0.511	ug/l #	1
60) Dibromochloromethane	9.275	129	249	0.257	ug/l #	11
64) Tetrachloroethene	9.275	164	228	0.275	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	32759	28.241	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	32759	77.225	ug/l #	5

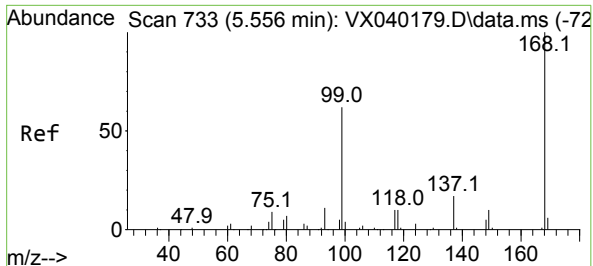
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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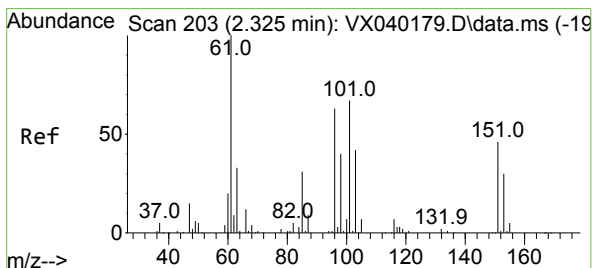
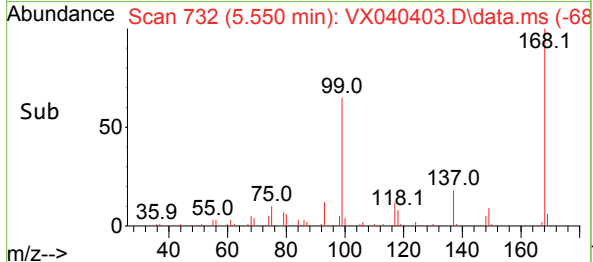
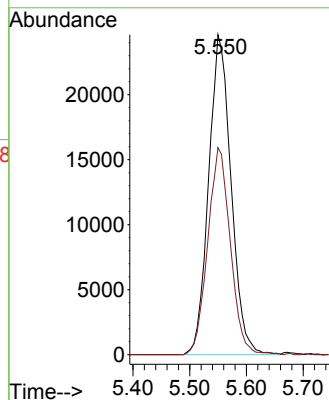
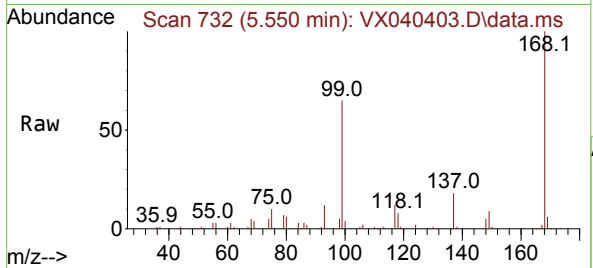




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

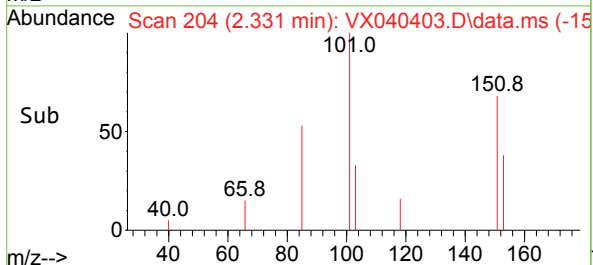
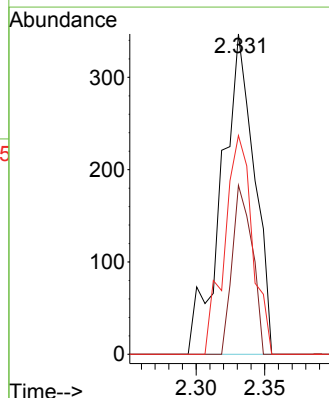
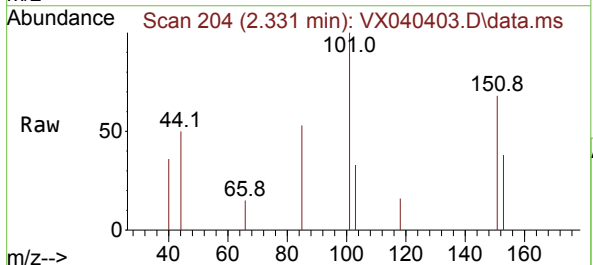
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216DL

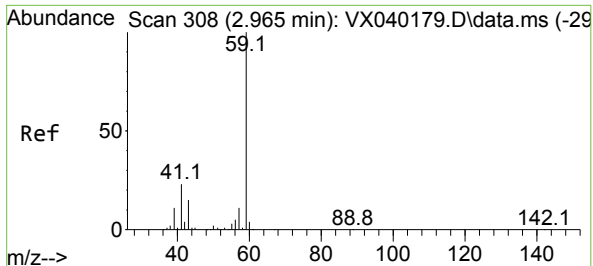
Tgt Ion:168 Resp: 67619
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.808 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

Tgt Ion:101 Resp: 579
Ion Ratio Lower Upper
101 100
85 32.1 37.0 55.6#
151 58.2 58.6 87.8#





#11

Tert butyl alcohol

Concen: 0.424 ug/l

RT: 2.928 min Scan# 308

Delta R.T. -0.037 min

Lab File: VX040403.D

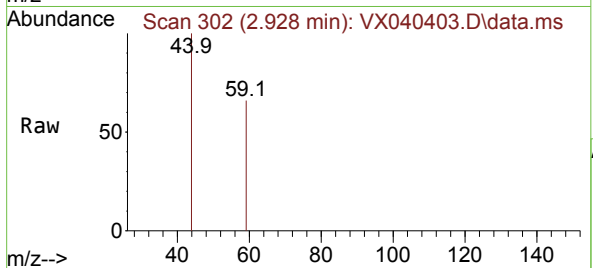
Acq: 22 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20240216DL

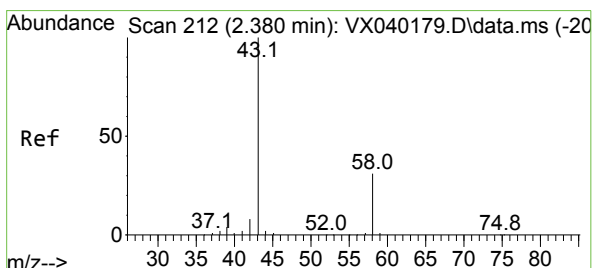
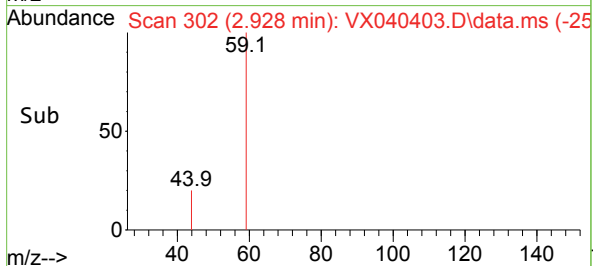
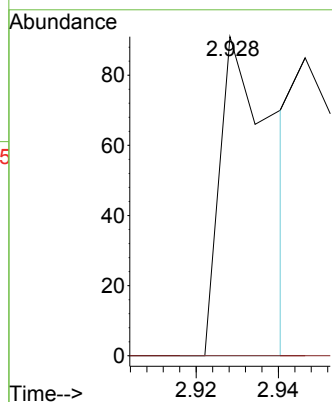


Tgt Ion: 59 Resp: 83

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 0.857 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040403.D

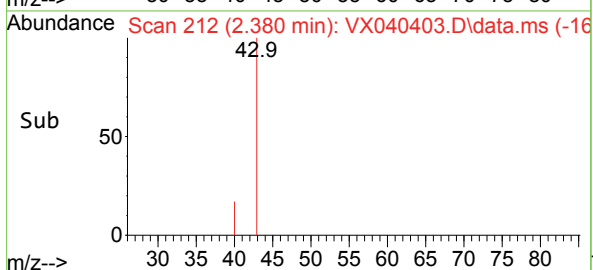
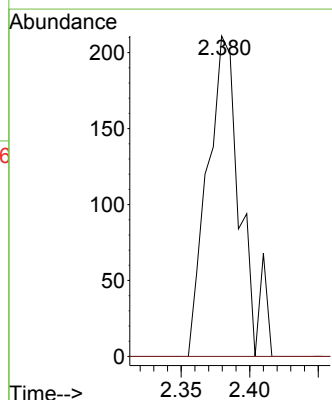
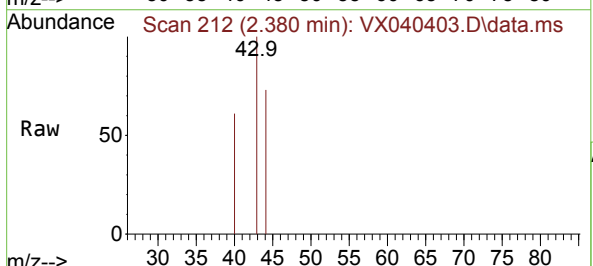
Acq: 22 Feb 2024 15:49

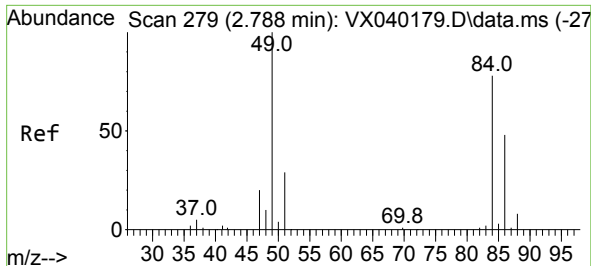
Tgt Ion: 43 Resp: 354

Ion Ratio Lower Upper

43 100

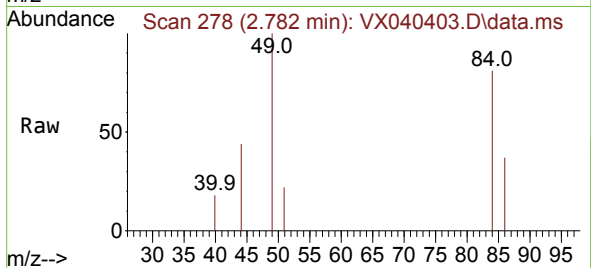
58 0.0 21.9 32.9#





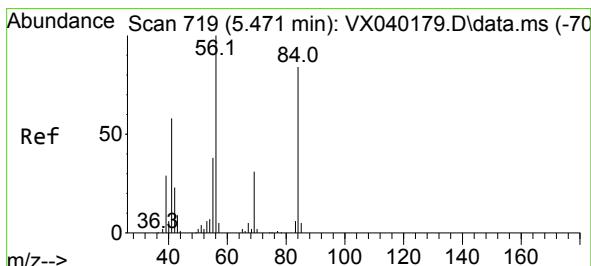
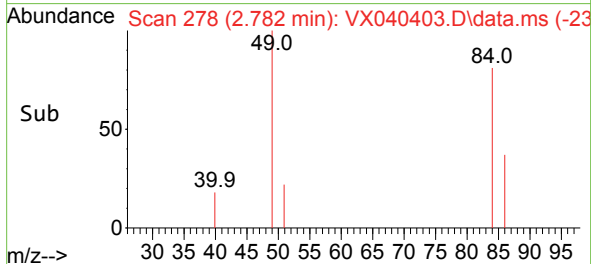
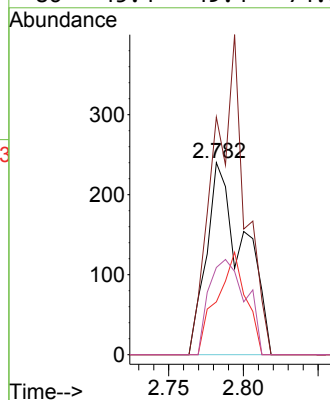
#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216DL



Tgt Ion: 84 Resp: 414

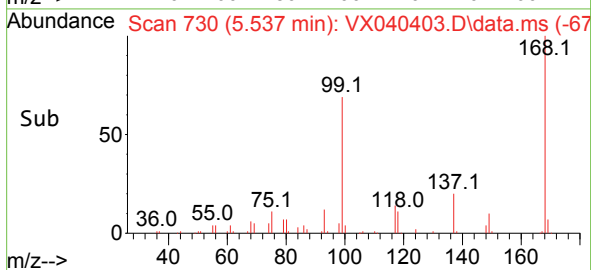
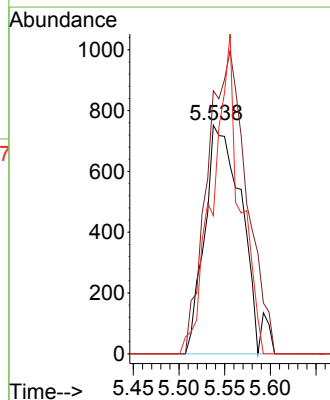
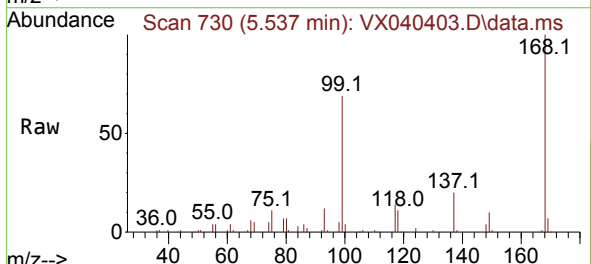
Ion	Ratio	Lower	Upper
84	100		
49	123.8	103.6	155.4
51	27.5	33.8	50.6#
86	45.4	49.4	74.0#

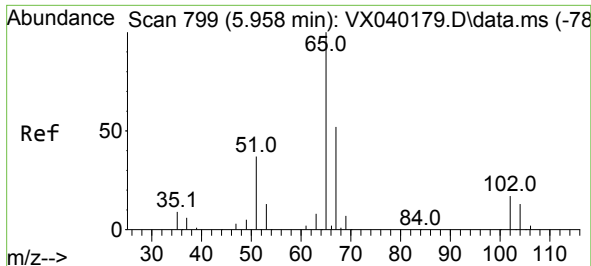


#31
Cyclohexane
Concen: 1.783 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

Tgt Ion: 56 Resp: 2140

Ion	Ratio	Lower	Upper
56	100		
69	115.0	23.4	35.2#
84	60.5	65.9	98.9#

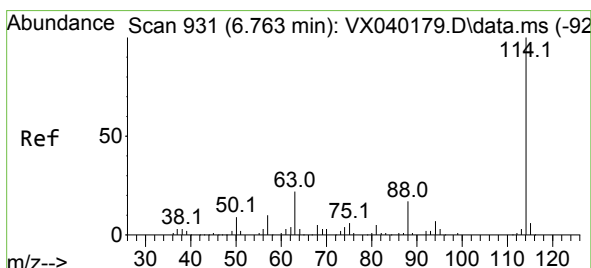
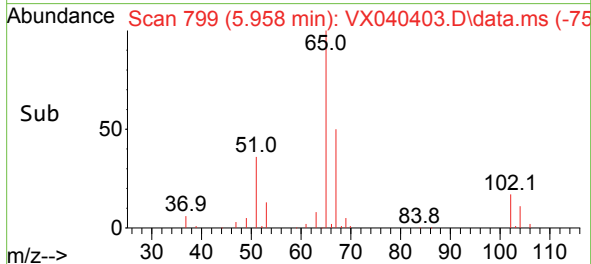
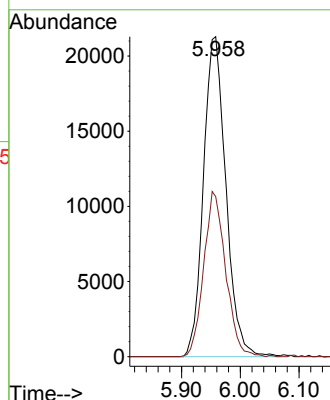
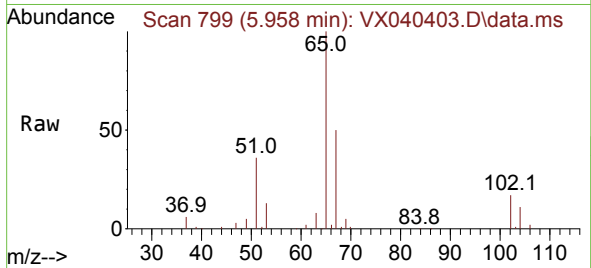




#33
1,2-Dichloroethane-d4
Concen: 56.271 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

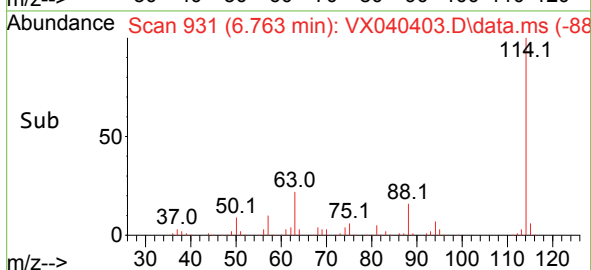
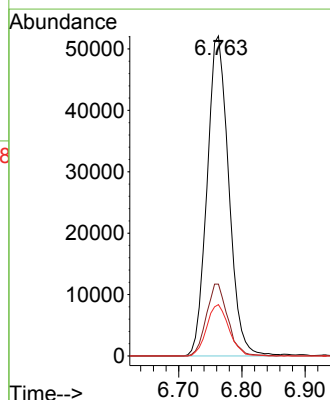
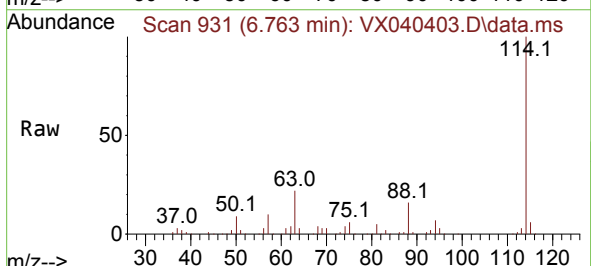
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216DL

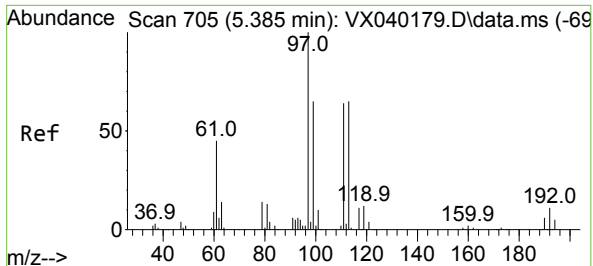
Tgt Ion: 65 Resp: 56607
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

Tgt Ion:114 Resp: 124221
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.0
88 16.0 0.0 36.6

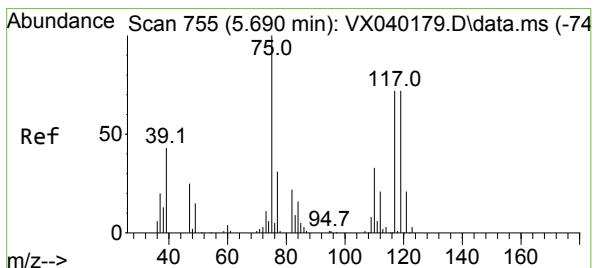
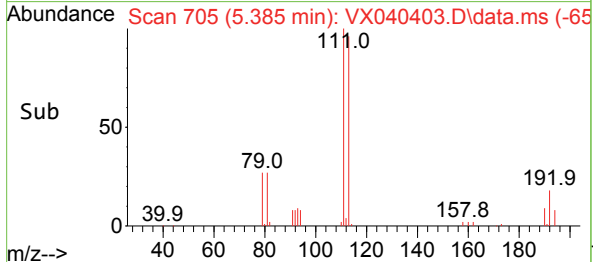
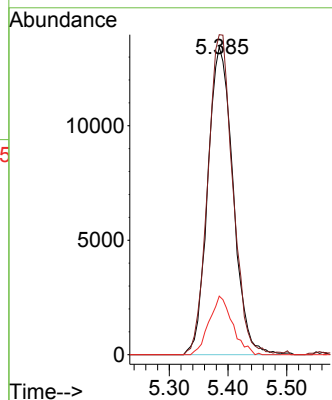
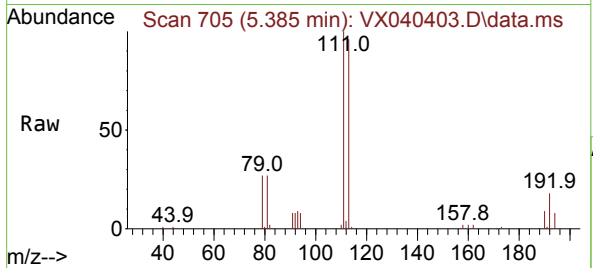




#35
 Dibromofluoromethane
 Concen: 46.389 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX040403.D
 Acq: 22 Feb 2024 15:49

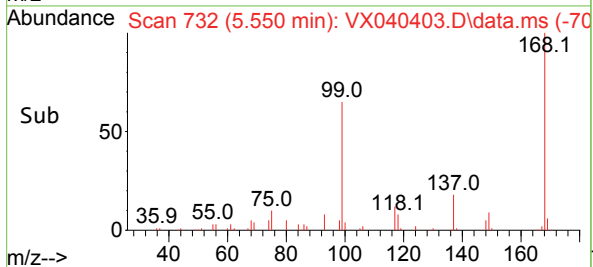
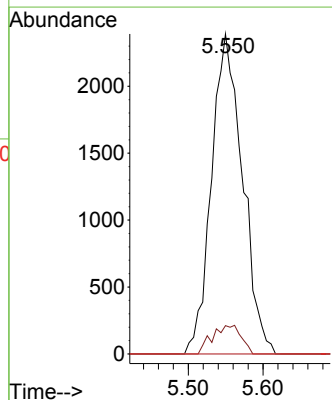
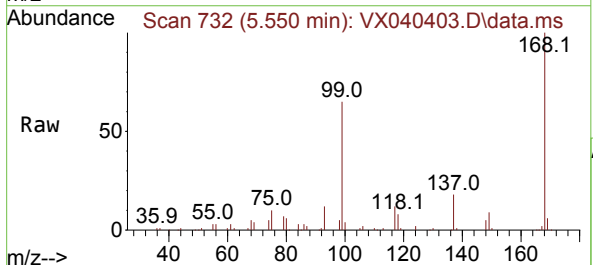
Instrument :
 MSVOA_X
 ClientSampleId :
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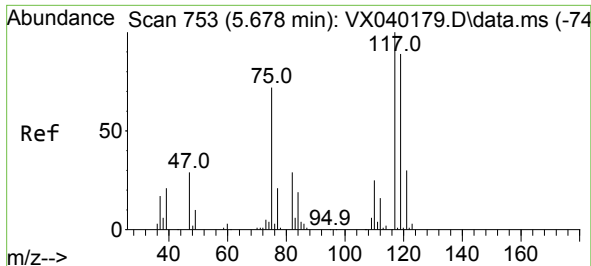
Tgt Ion:	113	Resp:	40242
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	17.6	13.3	19.9



#36
 1,1-Dichloropropene
 Concen: 5.669 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.146 min
 Lab File: VX040403.D
 Acq: 22 Feb 2024 15:49

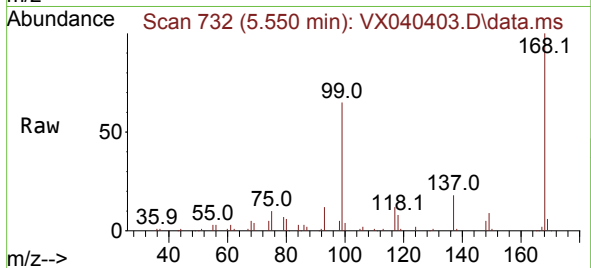
Tgt Ion:	75	Resp:	6889
Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.0	50.9#
77	0.0	24.7	37.1#



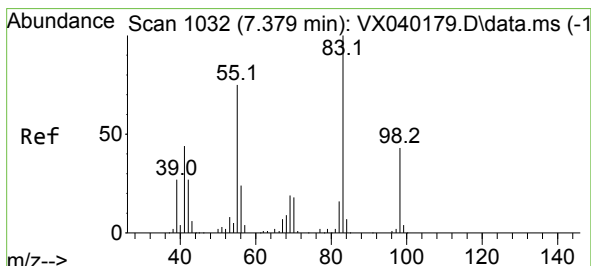
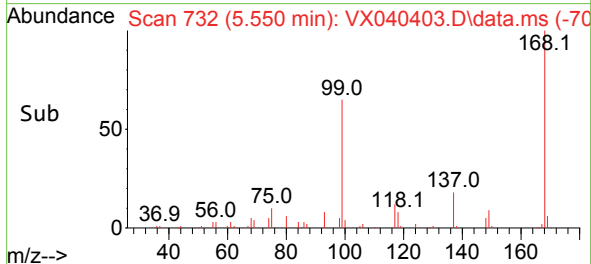
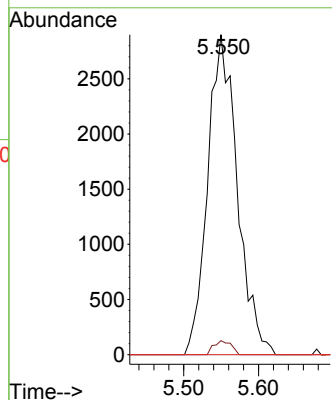


#38
Carbon Tetrachloride
Concen: 6.918 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216DL

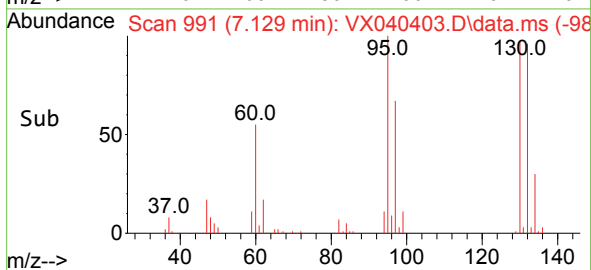
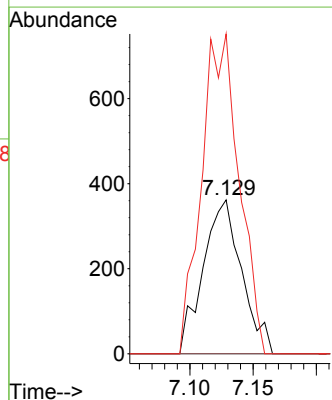
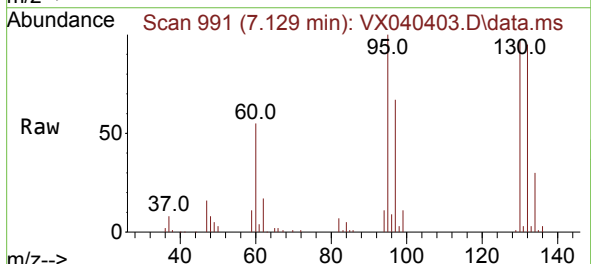


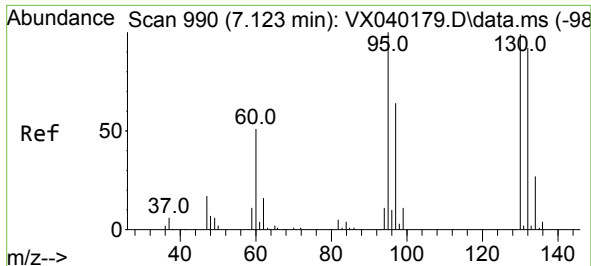
Tgt Ion:117 Resp: 7993
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.544 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

Tgt Ion: 83 Resp: 768
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 207.7 36.7 55.1#

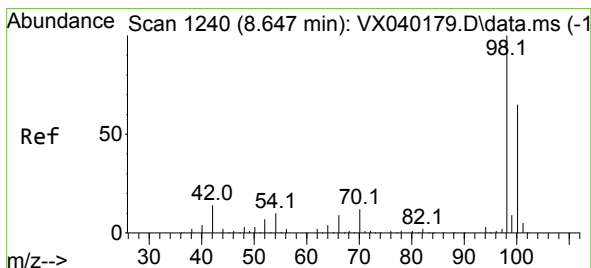
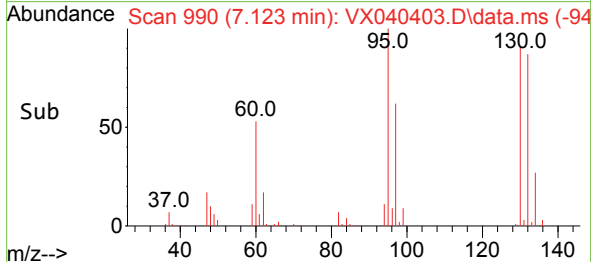
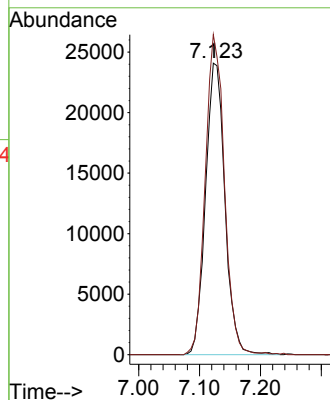
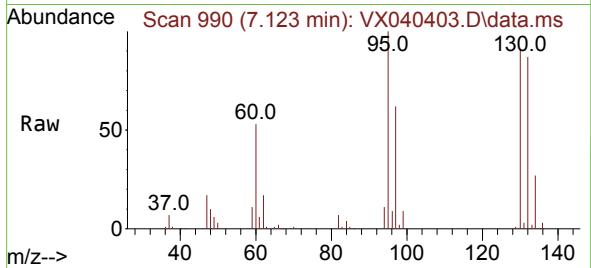




#44
Trichloroethene
Concen: 56.932 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

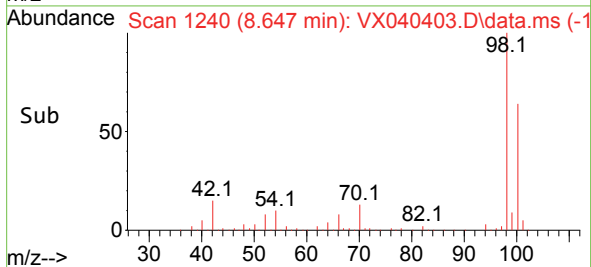
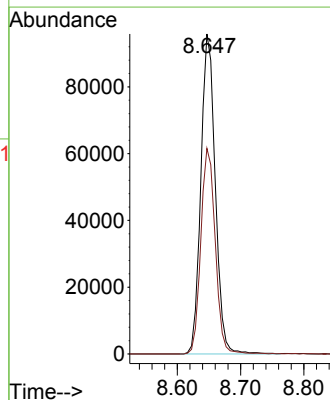
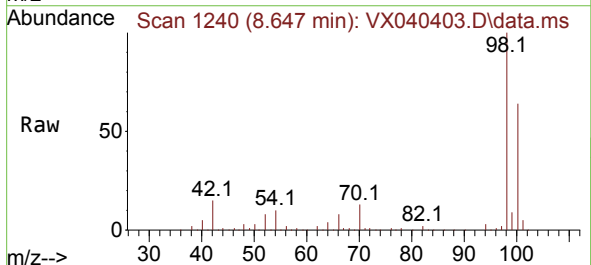
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216DL

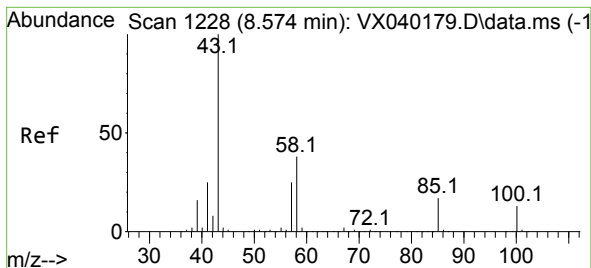
Tgt Ion:130 Resp: 53367
Ion Ratio Lower Upper
130 100
95 109.8 0.0 204.4



#50
Toluene-d8
Concen: 46.927 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

Tgt Ion: 98 Resp: 152278
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.511 ug/l

RT: 8.641 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX040403.D

Acq: 22 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

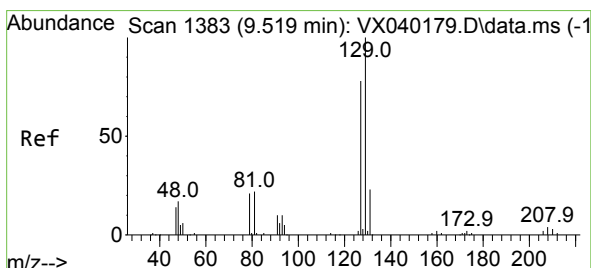
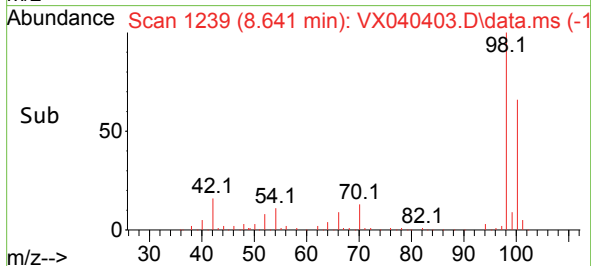
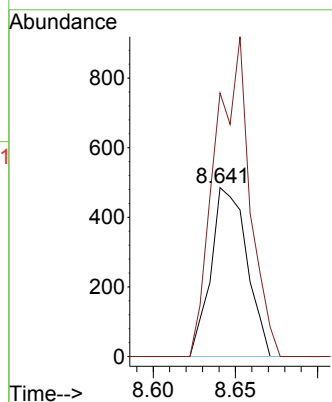
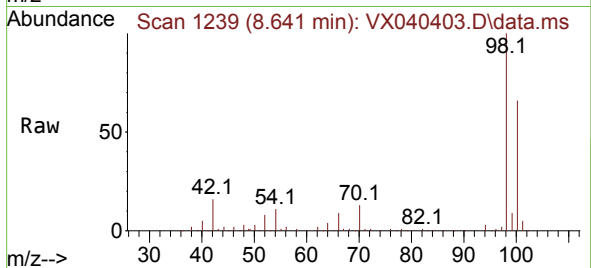
RE103D2-20240216DL

Tgt Ion: 43 Resp: 736

Ion Ratio Lower Upper

43 100

58 183.2 30.4 45.6#



#60

Dibromochloromethane

Concen: 0.257 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX040403.D

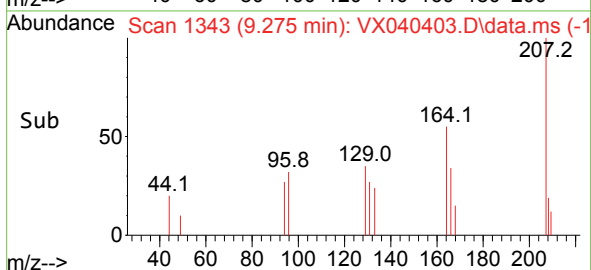
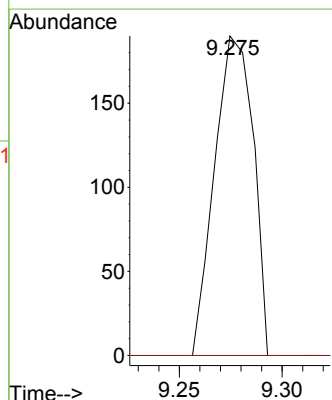
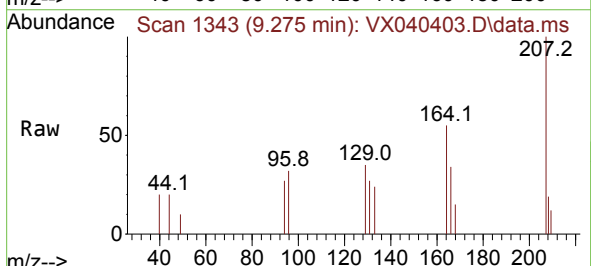
Acq: 22 Feb 2024 15:49

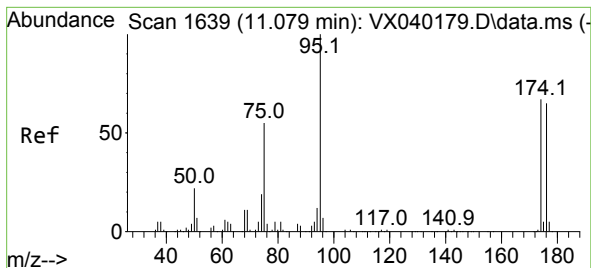
Tgt Ion: 129 Resp: 249

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

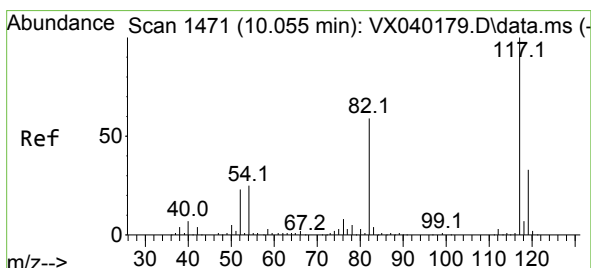
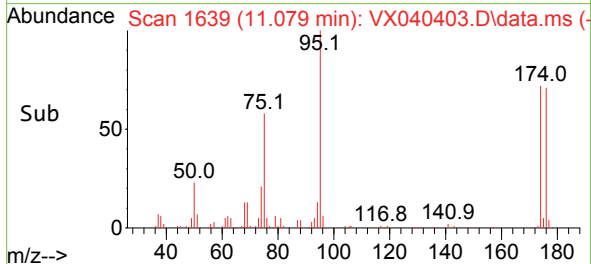
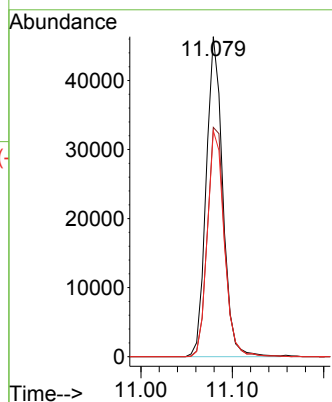
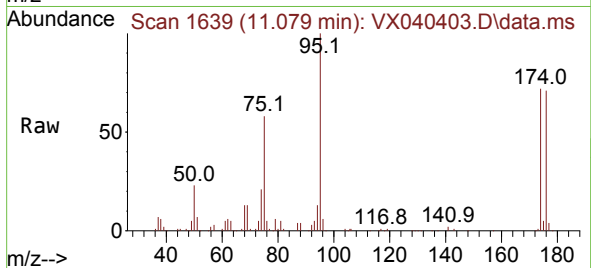




#62
4-Bromofluorobenzene
Concen: 43.916 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

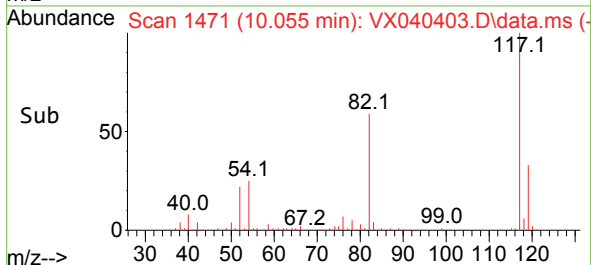
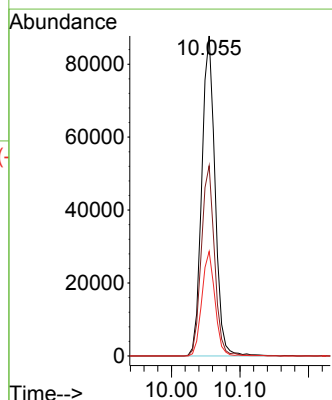
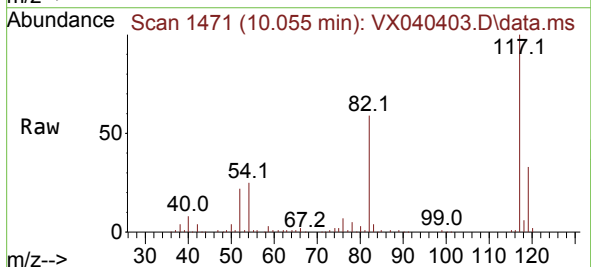
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216DL

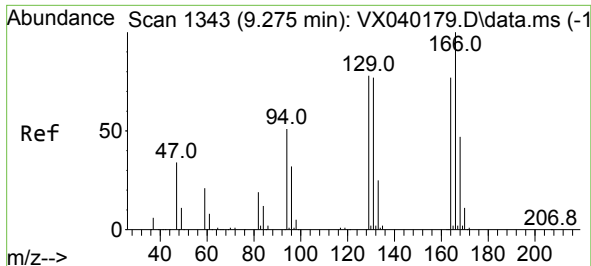
Tgt Ion: 95 Resp: 58121
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 72.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

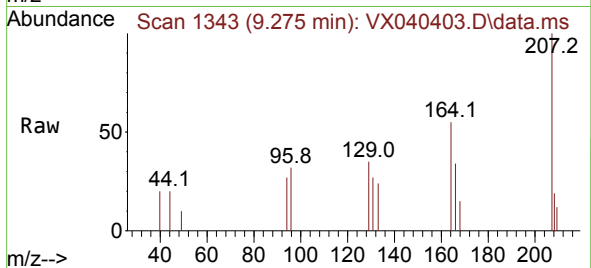
Tgt Ion: 117 Resp: 118401
Ion Ratio Lower Upper
117 100
82 59.4 46.2 69.4
119 32.7 25.5 38.3



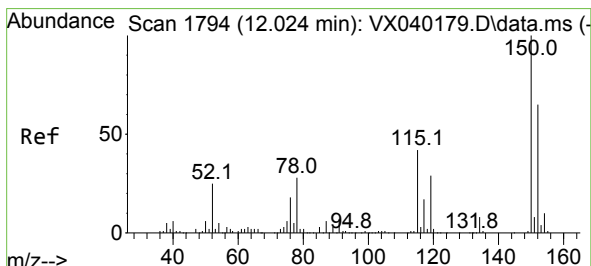
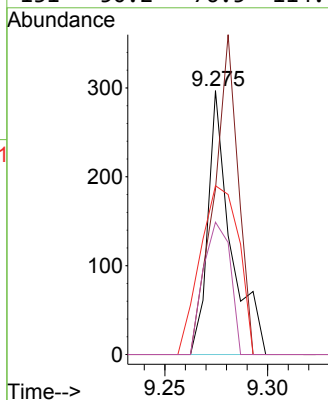
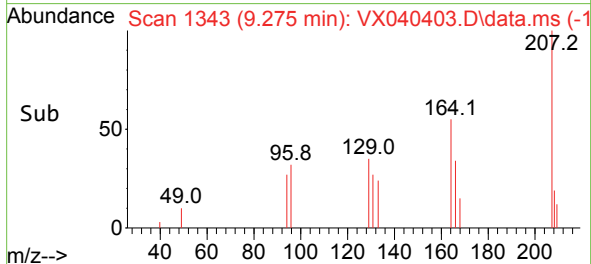


#64
Tetrachloroethene
Concen: 0.275 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

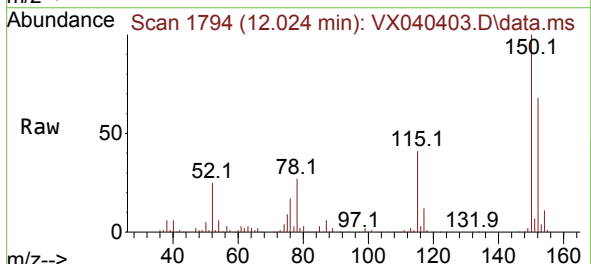
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216DL



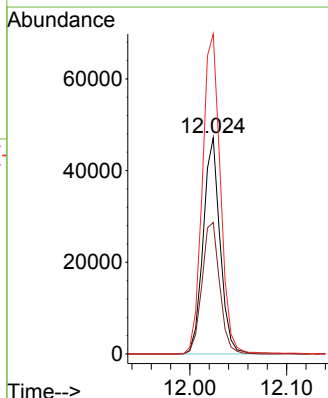
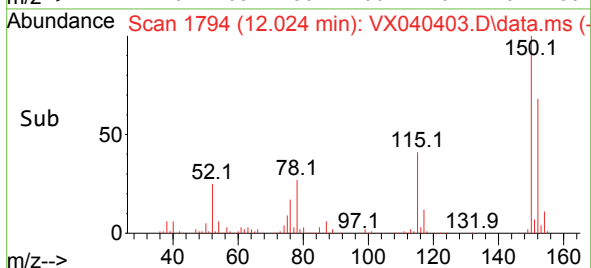
Tgt Ion:164 Resp: 228
Ion Ratio Lower Upper
164 100
166 62.6 102.7 154.1#
129 64.0 80.4 120.6#
131 50.2 76.5 114.7#

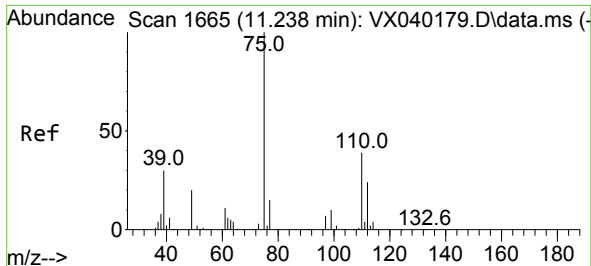


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49



Tgt Ion:152 Resp: 57281
Ion Ratio Lower Upper
152 100
115 63.7 43.3 129.9
150 158.2 0.0 345.0

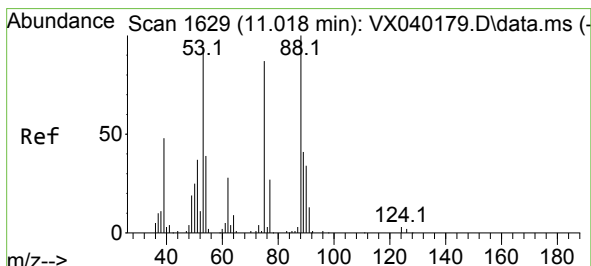
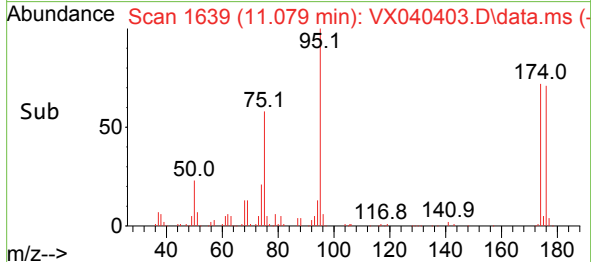
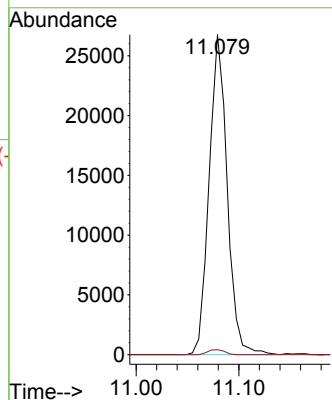
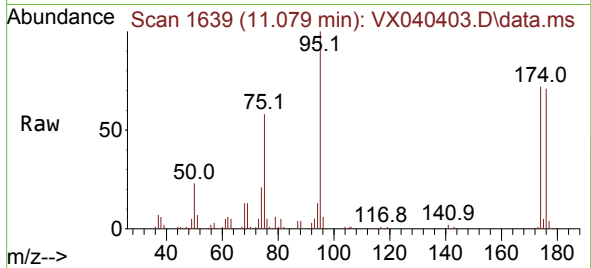




#76
1,2,3-Trichloropropane
Concen: 28.241 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216DL

Tgt Ion: 75 Resp: 32759
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.225 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040403.D
Acq: 22 Feb 2024 15:49

Tgt Ion: 75 Resp: 32759
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

