

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040268.D
 Acq On : 16 Feb 2024 11:19
 Operator : JC/MD
 Sample : P1507-09 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20240214

Quant Time: Feb 17 01:32:31 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)

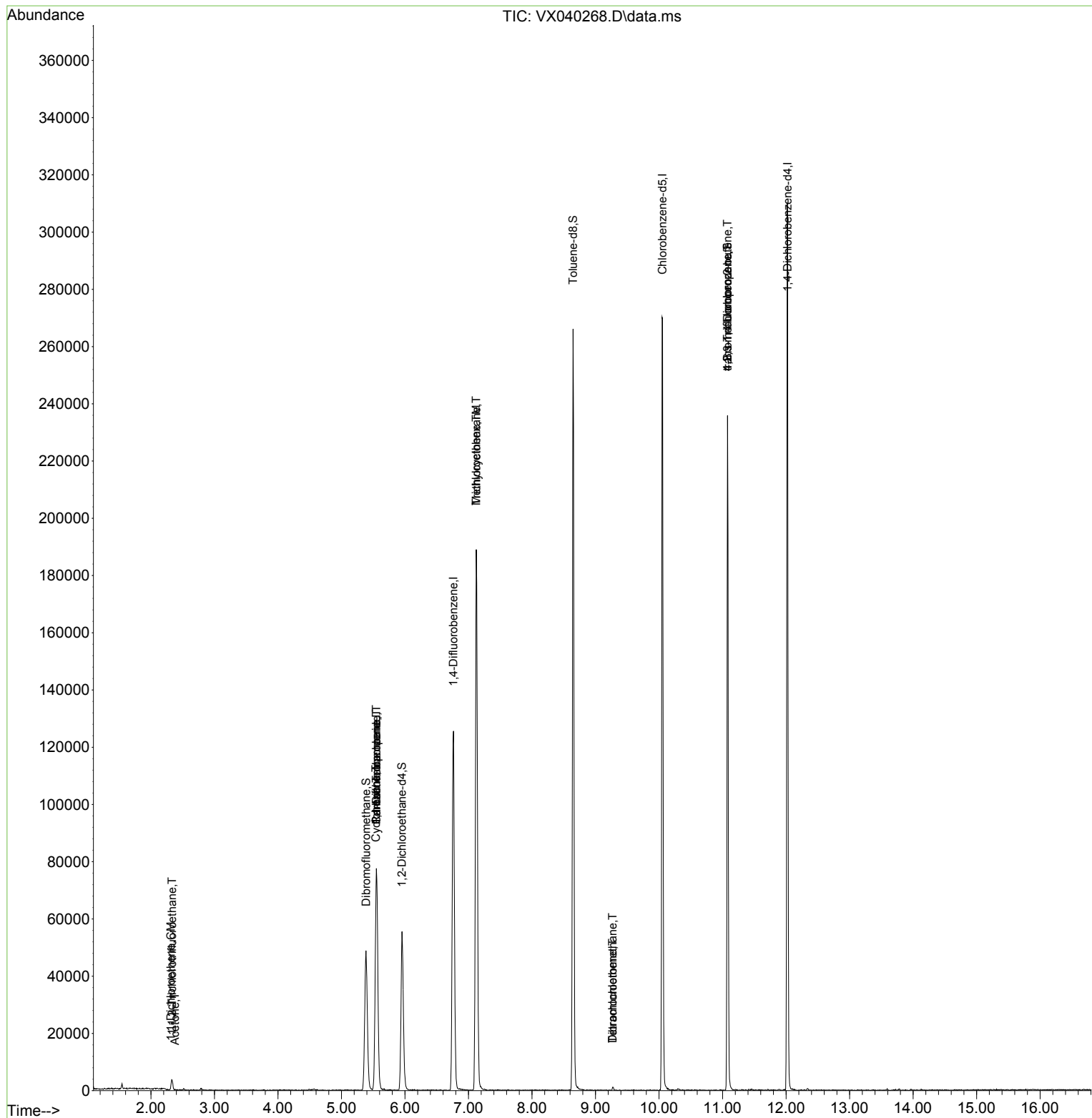
Internal Standards						
1) Pentafluorobenzene	5.550	168	74113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127612	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	51055	46.305	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.600%		
35) Dibromofluoromethane	5.385	113	41731	46.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.660%		
50) Toluene-d8	8.647	98	157565	47.266	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.540%		
62) 4-Bromofluorobenzene	11.079	95	61461	45.206	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.420%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	1299	1.653	ug/l	92
12) 1,1-Dichloroethene	2.312	96	414	0.547	ug/l #	84
16) Acetone	2.380	43	268	0.592	ug/l #	47
20) Methylene Chloride	2.800	84	217	Below Cal	#	58
31) Cyclohexane	5.544	56	1770	1.346	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	6053	4.849	ug/l #	46
38) Carbon Tetrachloride	5.550	117	7691	6.480	ug/l #	15
39) Methylcyclohexane	7.123	83	792	0.546	ug/l #	1
44) Trichloroethene	7.123	130	70247	72.948	ug/l	99
60) Dibromochloromethane	9.269	129	358	0.360	ug/l #	11
64) Tetrachloroethene	9.269	164	200	0.228	ug/l #	68
76) 1,2,3-Trichloropropane	11.079	75	32732	24.936	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	32732	68.602	ug/l #	5

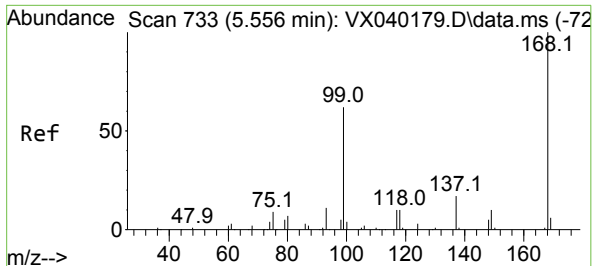
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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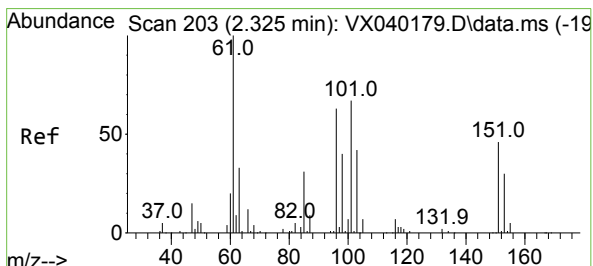
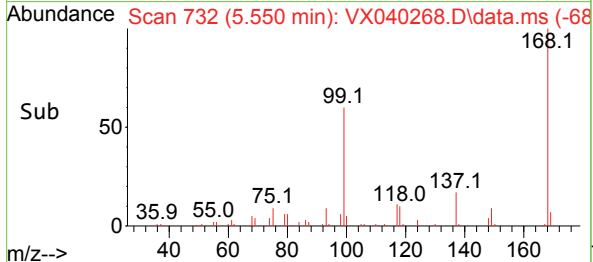
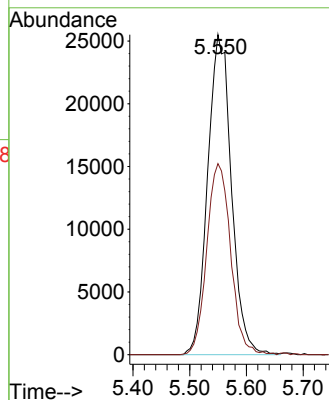
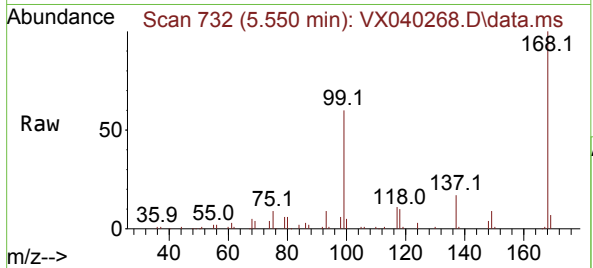




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040268.D
Acq: 16 Feb 2024 11:19

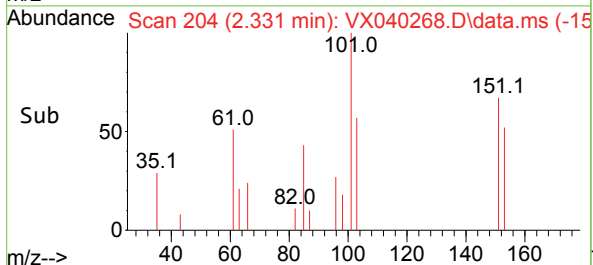
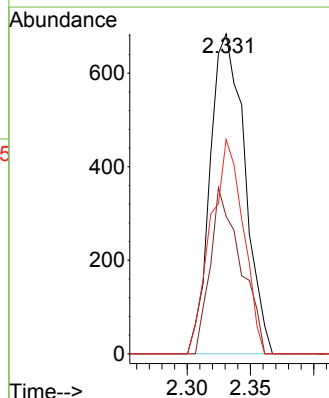
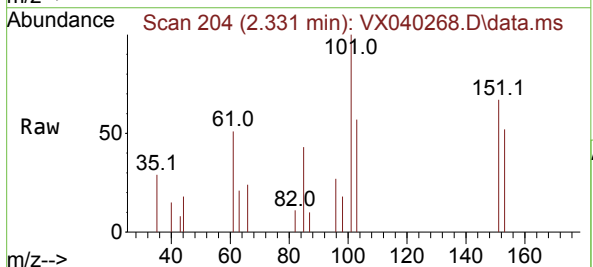
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20240214

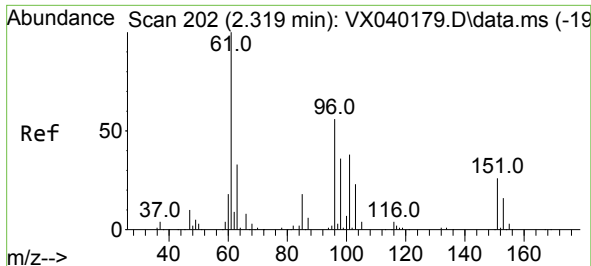
Tgt Ion:168 Resp: 74113
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.653 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040268.D
Acq: 16 Feb 2024 11:19

Tgt Ion:101 Resp: 1299
Ion Ratio Lower Upper
101 100
85 45.7 37.0 55.6
151 63.2 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.547 ug/l

RT: 2.312 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX040268.D

Acq: 16 Feb 2024 11:19

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20240214

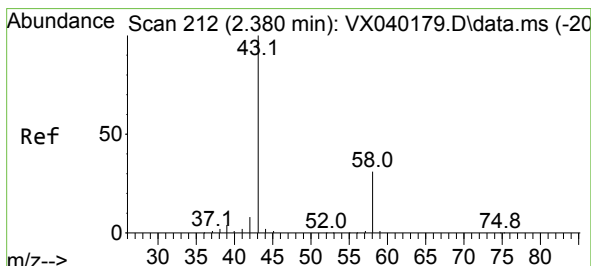
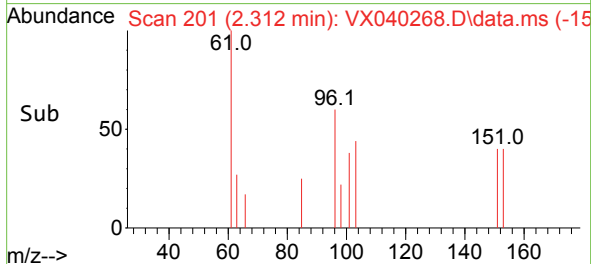
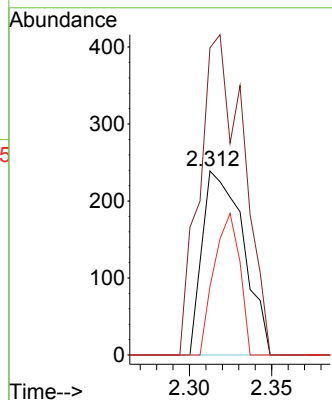
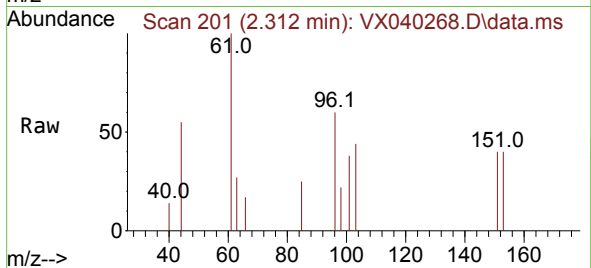
Tgt Ion: 96 Resp: 414

Ion Ratio Lower Upper

96 100

61 166.9 144.6 216.8

98 37.2 50.4 75.6#



#16

Acetone

Concen: 0.592 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040268.D

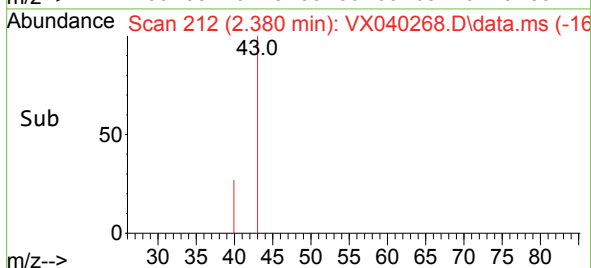
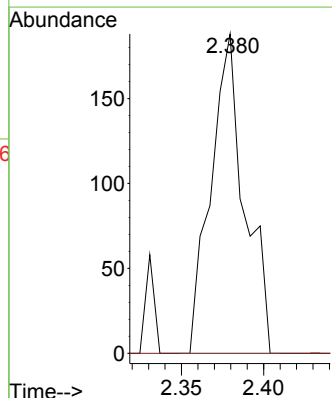
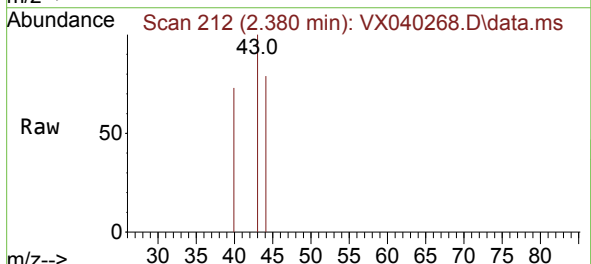
Acq: 16 Feb 2024 11:19

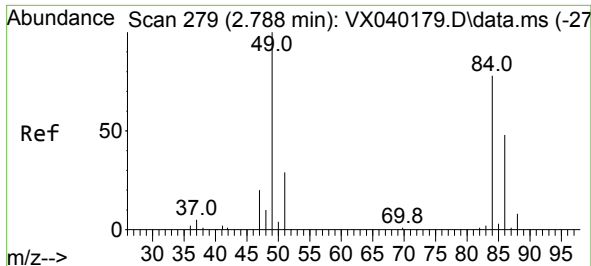
Tgt Ion: 43 Resp: 268

Ion Ratio Lower Upper

43 100

58 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 217

Delta R.T. 0.012 min

Lab File: VX040268.D

Acq: 16 Feb 2024 11:19

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20240214

Tgt Ion: 84 Resp: 217

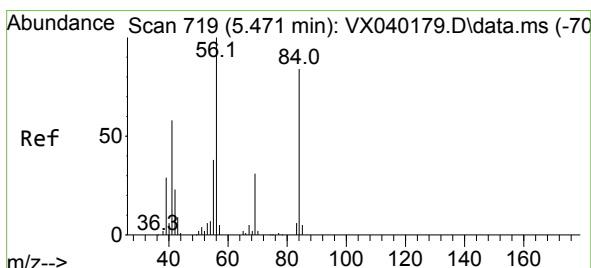
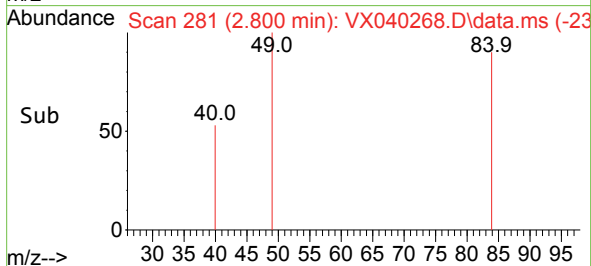
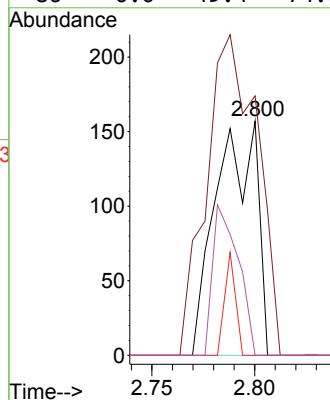
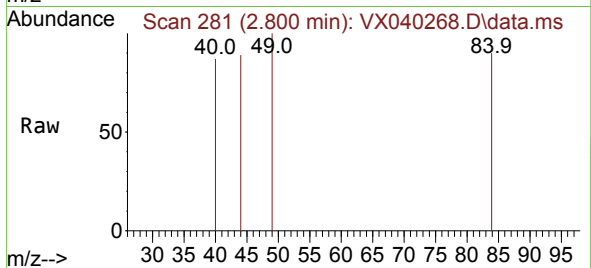
Ion Ratio Lower Upper

84 100

49 110.8 103.6 155.4

51 0.0 33.8 50.6#

86 0.0 49.4 74.0#



#31

Cyclohexane

Concen: 1.346 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX040268.D

Acq: 16 Feb 2024 11:19

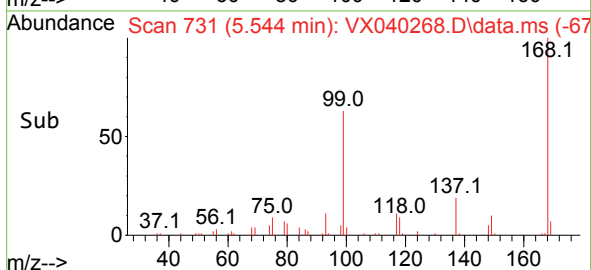
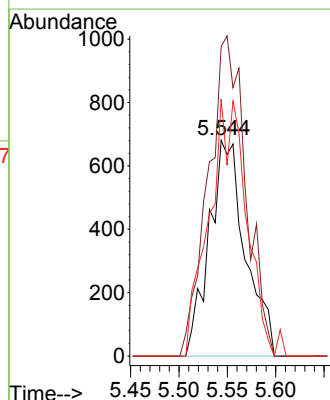
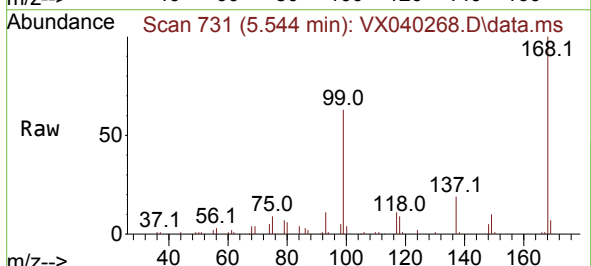
Tgt Ion: 56 Resp: 1770

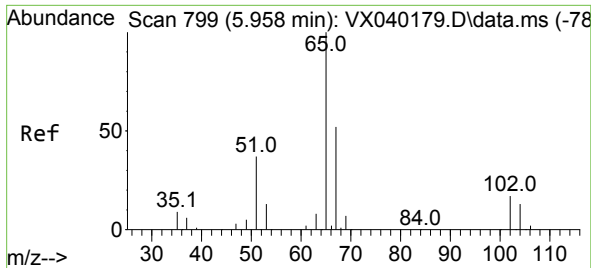
Ion Ratio Lower Upper

56 100

69 143.5 23.4 35.2#

84 119.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.305 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040268.D

Acq: 16 Feb 2024 11:19

Instrument :

MSVOA_X

ClientSampleId :

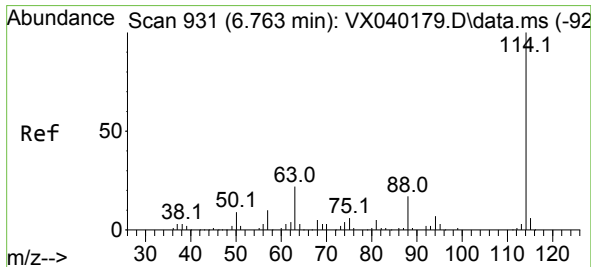
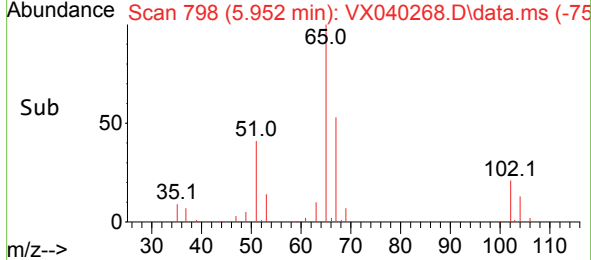
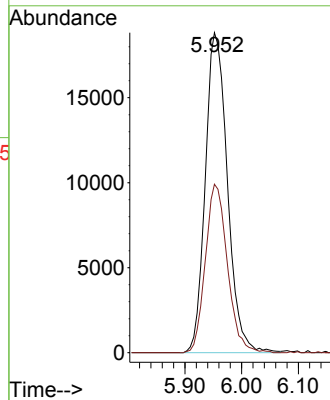
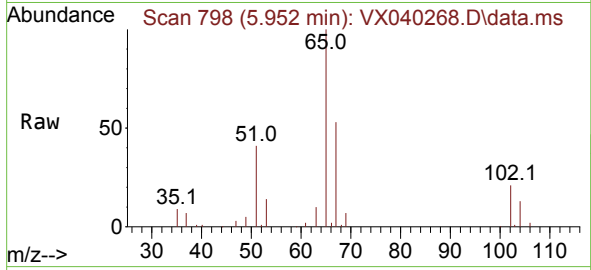
RE132D6-20240214

Tgt Ion: 65 Resp: 51055

Ion Ratio Lower Upper

65 100

67 52.5 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: VX040268.D

Acq: 16 Feb 2024 11:19

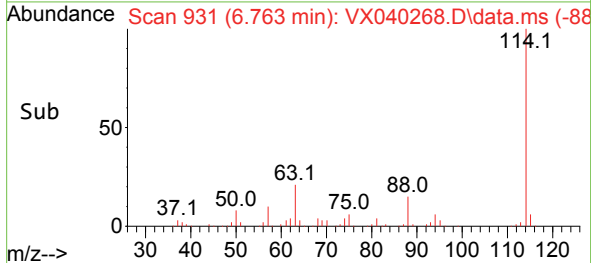
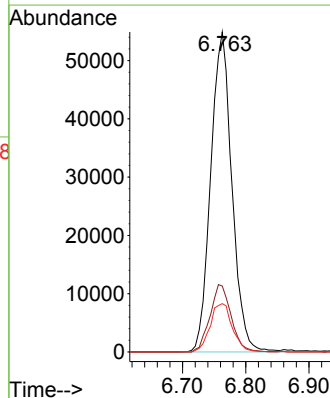
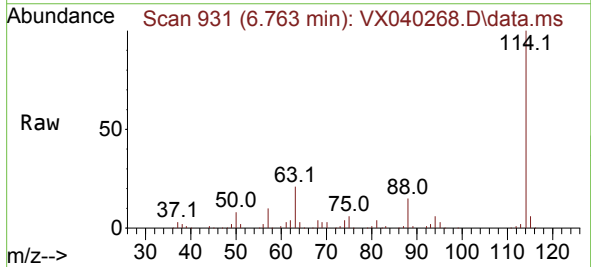
Tgt Ion: 114 Resp: 127612

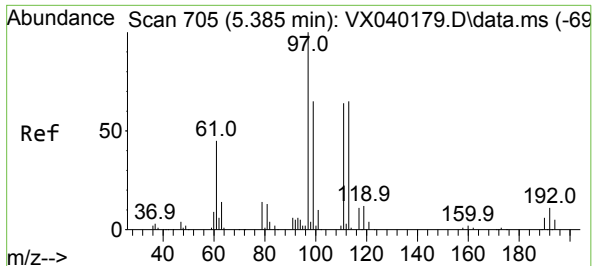
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 15.1 0.0 36.6

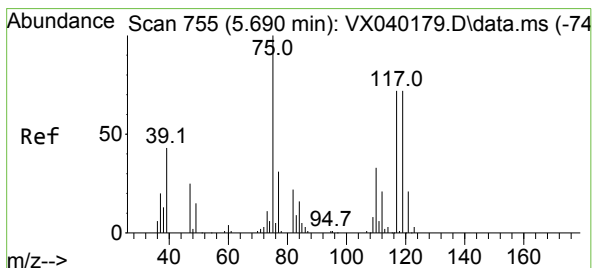
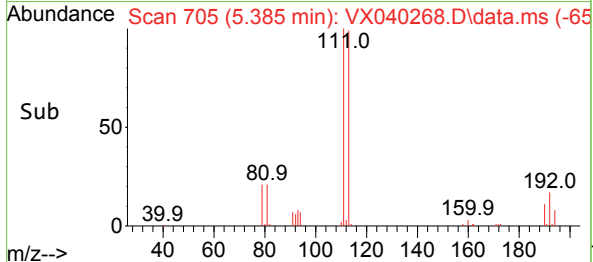
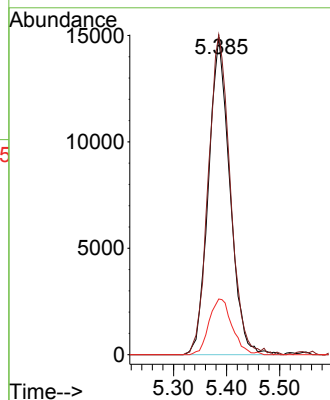
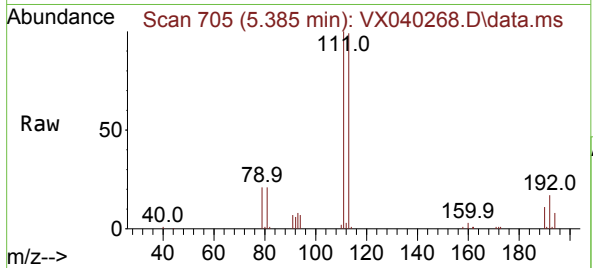




#35
Dibromofluoromethane
Concen: 46.827 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040268.D
Acq: 16 Feb 2024 11:19

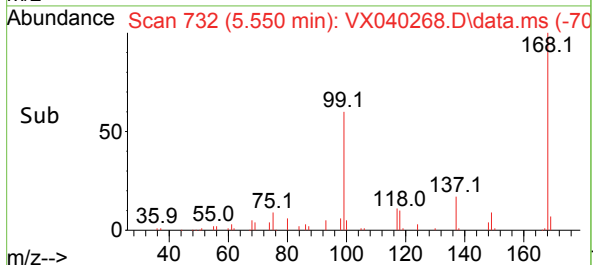
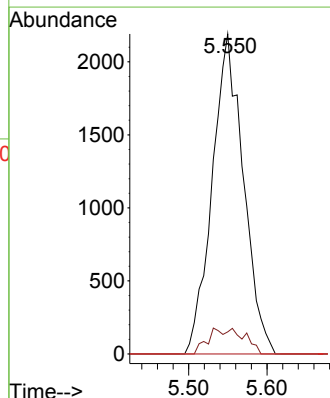
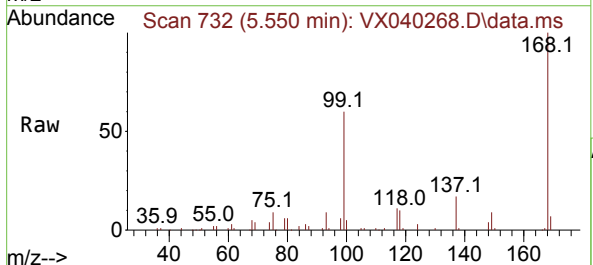
Instrument :
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RE132D6-20240214

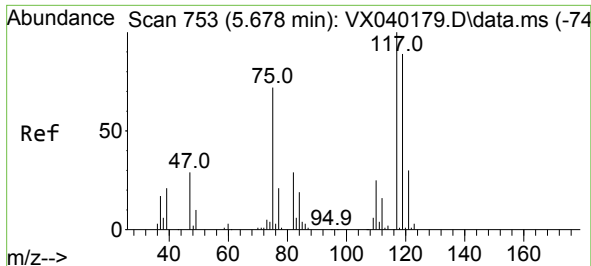
Tgt Ion:113 Resp: 41731
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.849 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040268.D
Acq: 16 Feb 2024 11:19

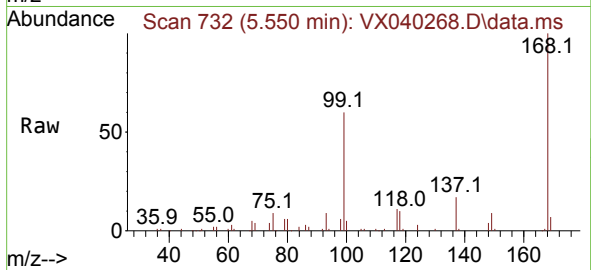
Tgt Ion: 75 Resp: 6053
Ion Ratio Lower Upper
75 100
110 4.2 17.0 50.9#
77 0.0 24.7 37.1#



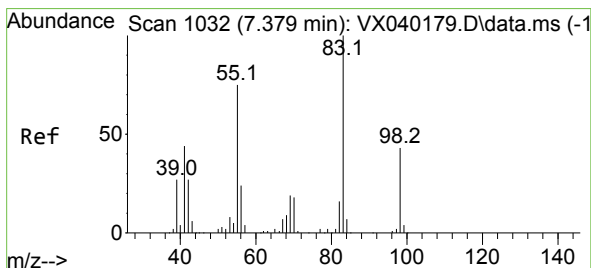
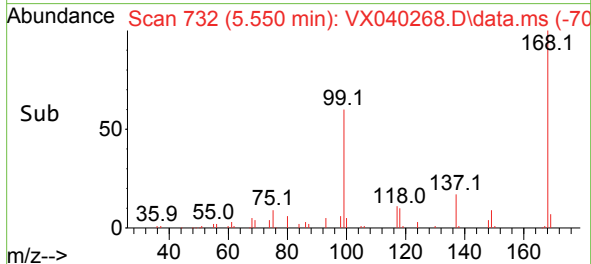
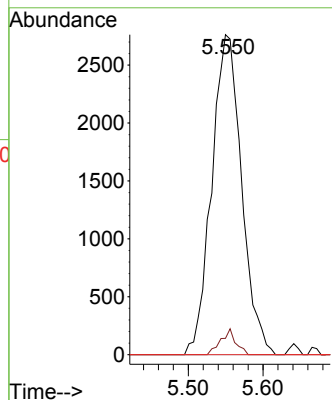


#38
Carbon Tetrachloride
Concen: 6.480 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040268.D
Acq: 16 Feb 2024 11:19

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20240214

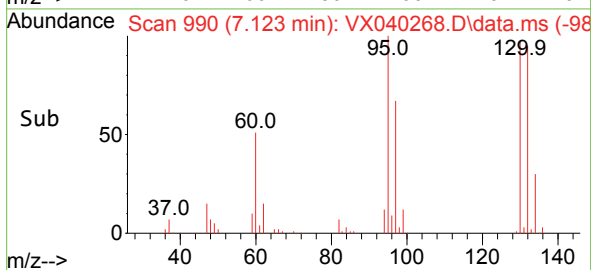
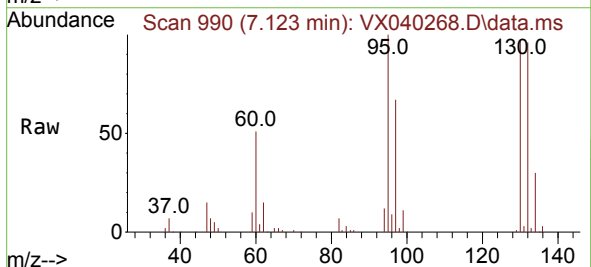
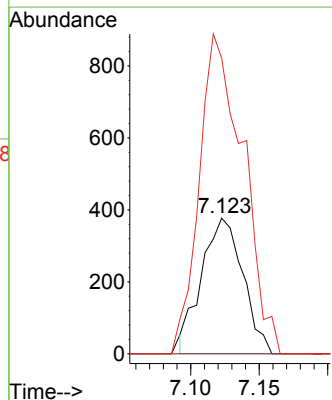


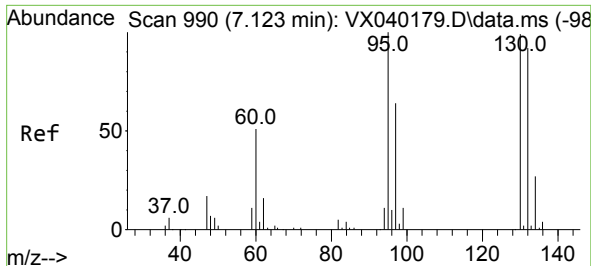
Tgt Ion:117 Resp: 7691
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.546 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX040268.D
Acq: 16 Feb 2024 11:19

Tgt Ion: 83 Resp: 792
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 218.0 36.7 55.1#

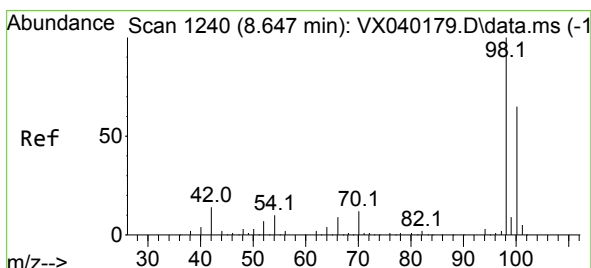
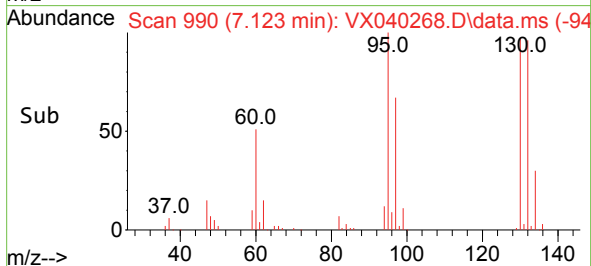
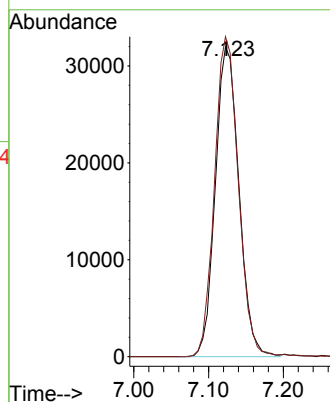
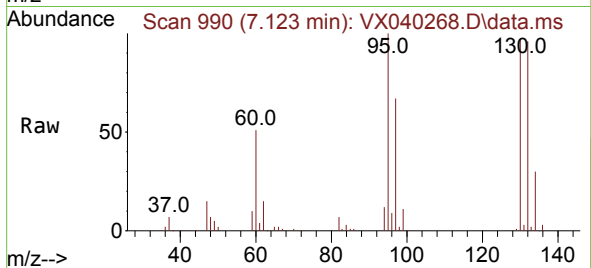




#44
Trichloroethene
Concen: 72.948 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040268.D
Acq: 16 Feb 2024 11:19

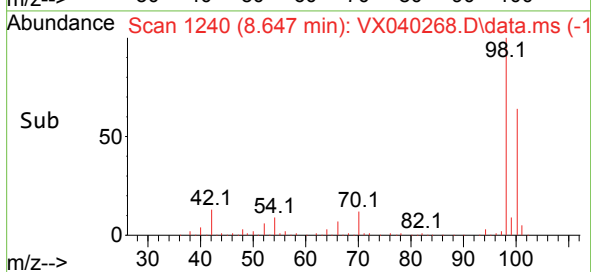
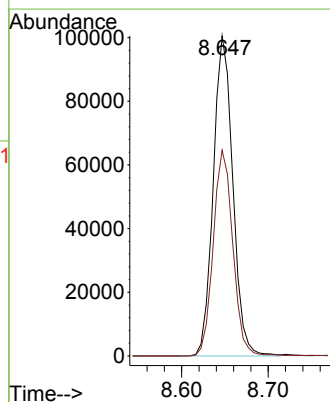
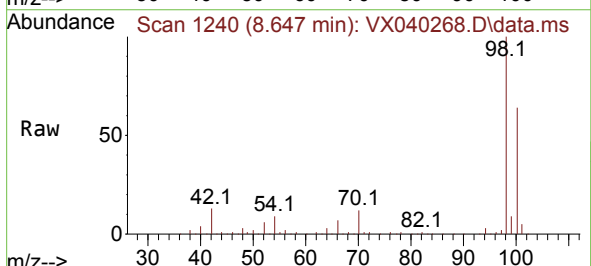
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20240214

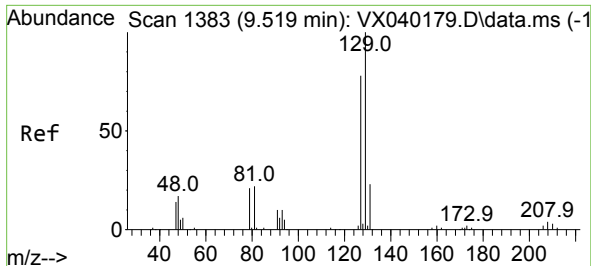
Tgt Ion:130 Resp: 70247
Ion Ratio Lower Upper
130 100
95 103.3 0.0 204.4



#50
Toluene-d8
Concen: 47.266 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040268.D
Acq: 16 Feb 2024 11:19

Tgt Ion: 98 Resp: 157565
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

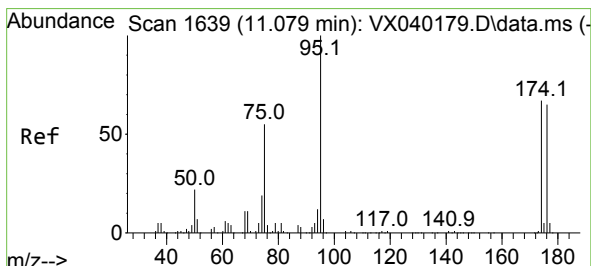
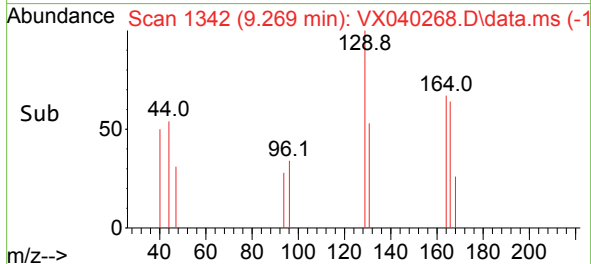
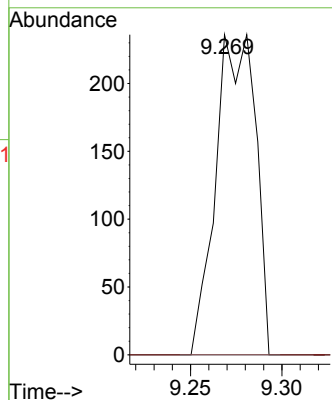
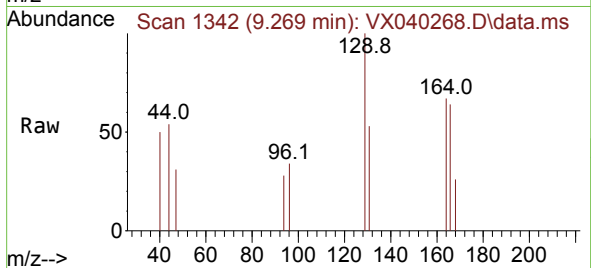




#60
Dibromochloromethane
Concen: 0.360 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX040268.D
Acq: 16 Feb 2024 11:19

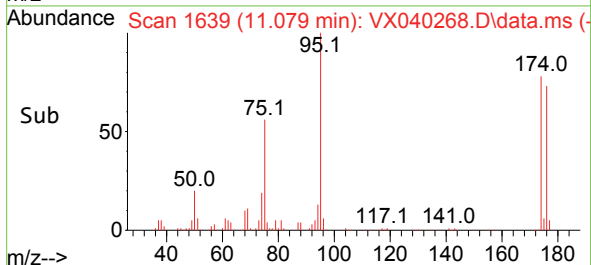
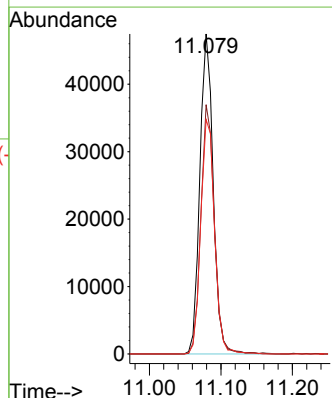
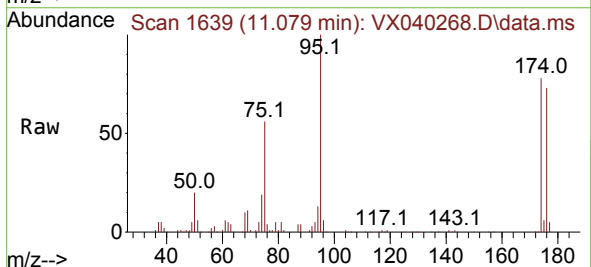
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20240214

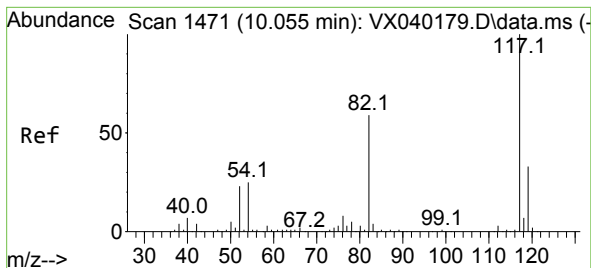
Tgt Ion:129 Resp: 358
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.206 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040268.D
Acq: 16 Feb 2024 11:19

Tgt Ion: 95 Resp: 61461
Ion Ratio Lower Upper
95 100
174 78.6 0.0 135.6
176 75.8 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: VX040268.D

Acq: 16 Feb 2024 11:19

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20240214

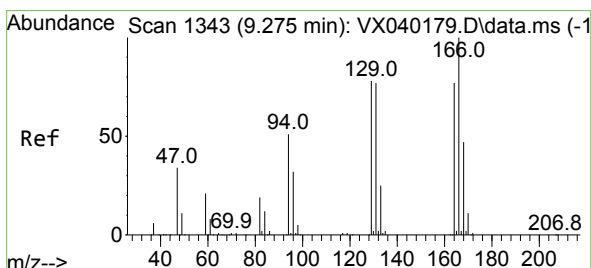
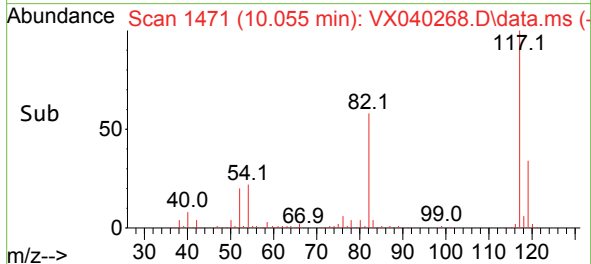
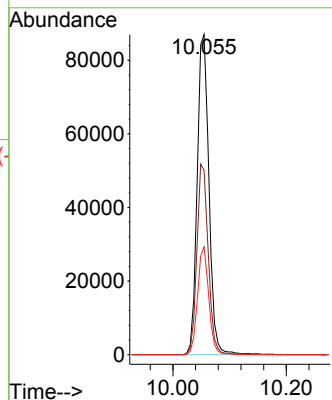
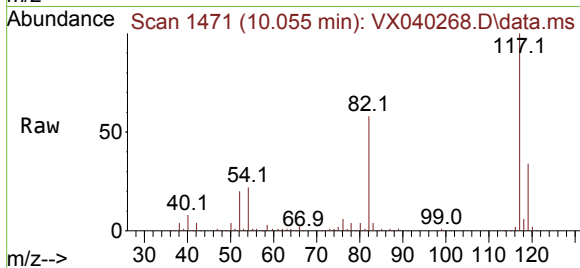
Tgt Ion:117 Resp: 125167

Ion Ratio Lower Upper

117 100

82 57.7 46.2 69.4

119 33.7 25.5 38.3



#64

Tetrachloroethene

Concen: 0.228 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX040268.D

Acq: 16 Feb 2024 11:19

Tgt Ion:164 Resp: 200

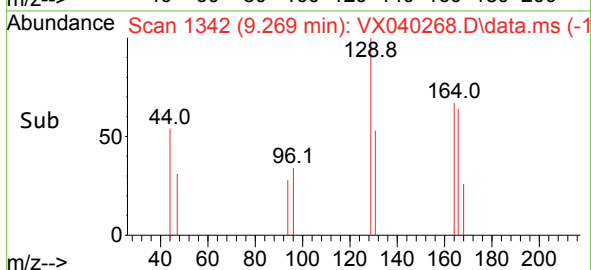
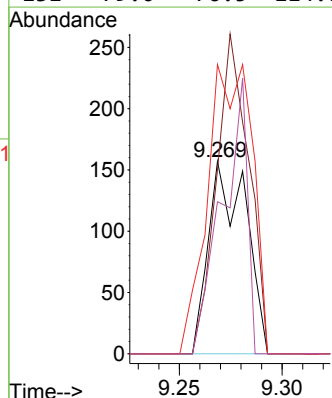
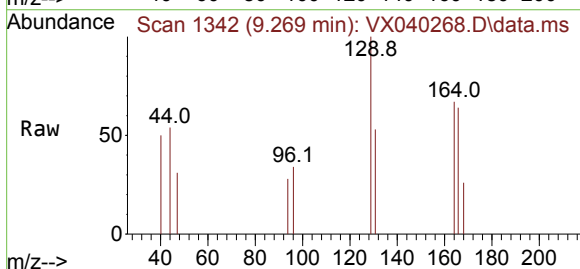
Ion Ratio Lower Upper

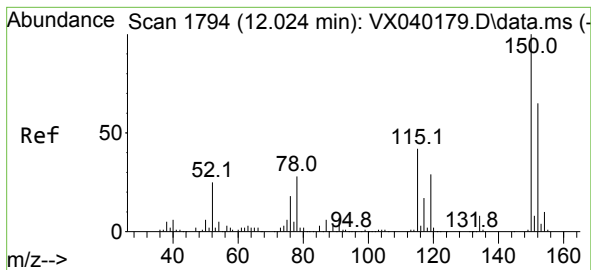
164 100

166 95.5 102.7 154.1#

129 150.3 80.4 120.6#

131 79.0 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040268.D

Acq: 16 Feb 2024 11:19

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20240214

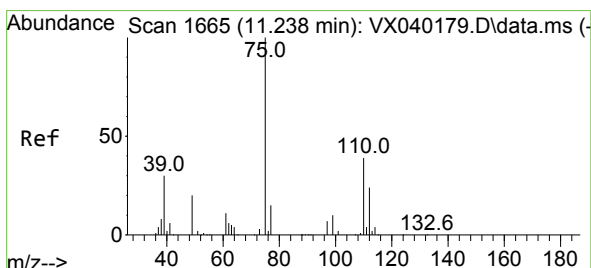
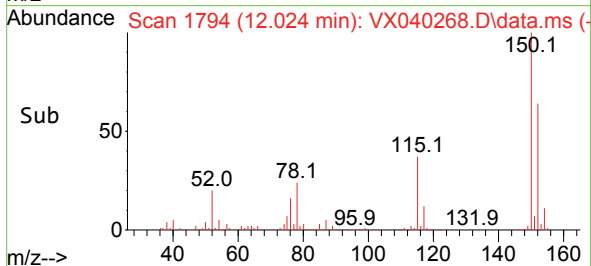
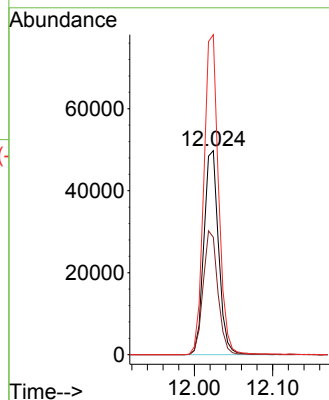
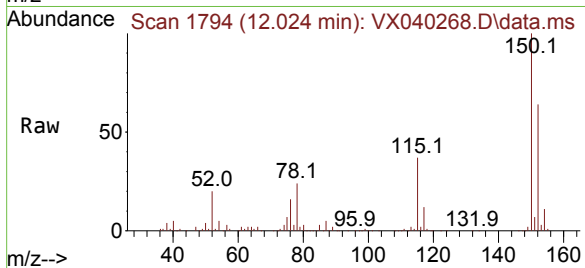
Tgt Ion:152 Resp: 64820

Ion Ratio Lower Upper

152 100

115 61.0 43.3 129.9

150 157.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.936 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040268.D

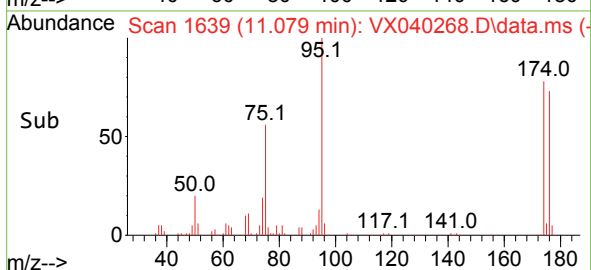
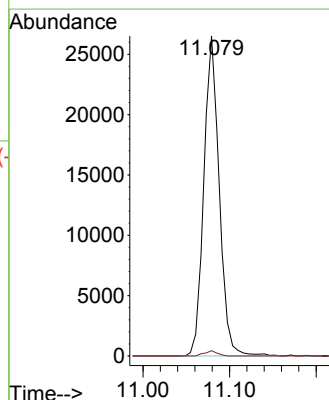
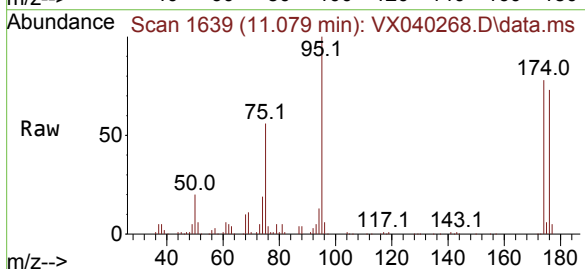
Acq: 16 Feb 2024 11:19

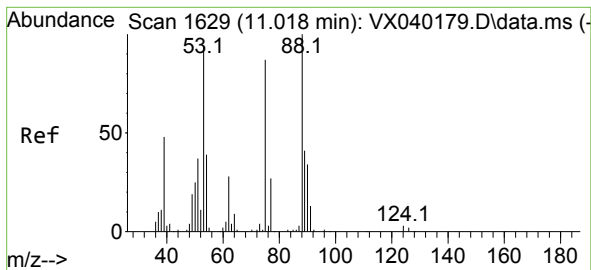
Tgt Ion: 75 Resp: 32732

Ion Ratio Lower Upper

75 100

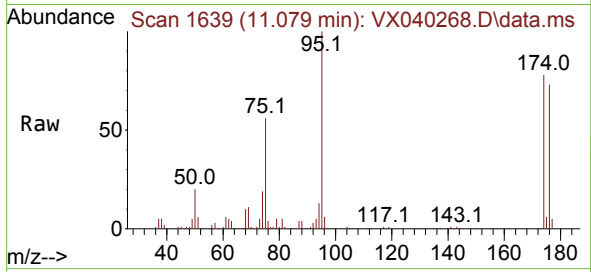
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.602 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040268.D
 Acq: 16 Feb 2024 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20240214



Tgt Ion: 75 Resp: 32732
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

