

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037117.D
 Acq On : 19 Aug 2023 08:22
 Operator : JC/MD
 Sample : 04025-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20230814

Quant Time: Aug 21 01:44:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

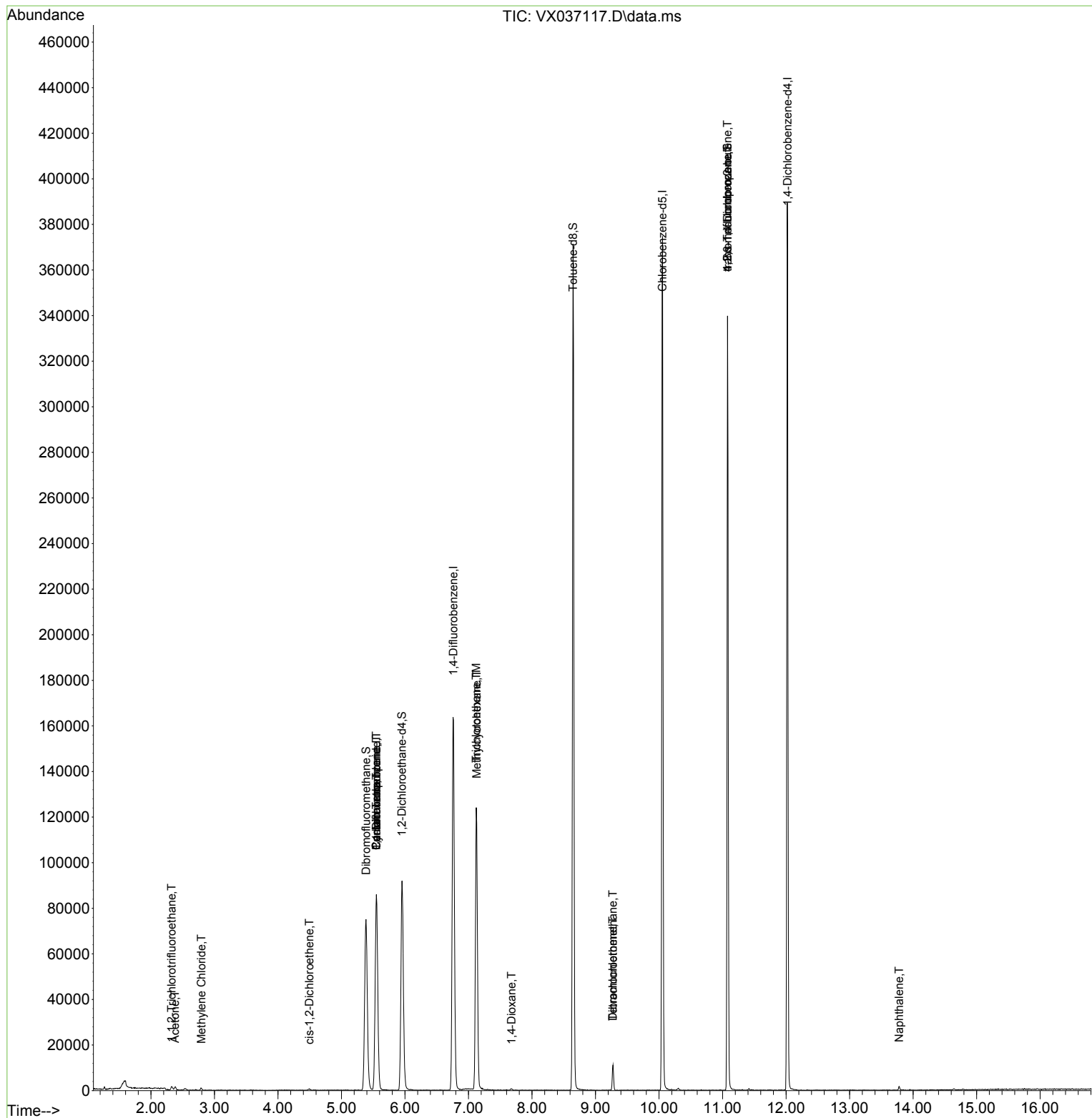
Internal Standards						
1) Pentafluorobenzene	5.550	168	80642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93488	80.413	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 160.820%#	
35) Dibromofluoromethane	5.385	113	66256	58.082	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.160%	
50) Toluene-d8	8.647	98	219840	53.129	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.260%	
62) 4-Bromofluorobenzene	11.079	95	93703	57.624	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.240%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	743	0.872	ug/l #	88
16) Acetone	2.380	43	1709	3.758	ug/l	96
20) Methylene Chloride	2.794	84	469	0.461	ug/l #	71
27) cis-1,2-Dichloroethene	4.495	96	416	0.374	ug/l	59
31) Cyclohexane	5.550	56	1701	1.301	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6533	4.031	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8445	4.797	ug/l #	16
39) Methylcyclohexane	7.129	83	534	0.314	ug/l #	1
44) Trichloroethene	7.123	130	49120	37.269	ug/l	94
49) 1,4-Dioxane	7.677	88	500	14.484	ug/l #	93
60) Dibromochloromethane	9.275	129	2070	1.555	ug/l #	11
64) Tetrachloroethene	9.275	164	1984	1.550	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	48255	27.876	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	48255	77.858	ug/l #	5
95) Naphthalene	13.780	128	1668	0.246	ug/l #	93

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

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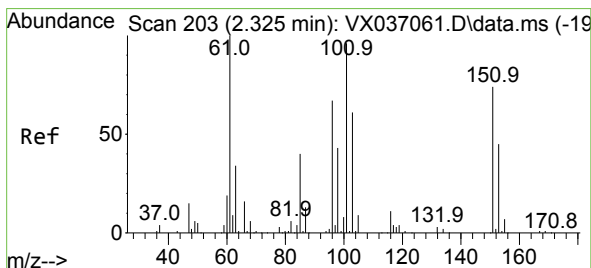
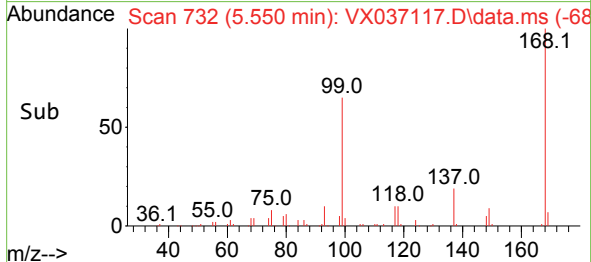
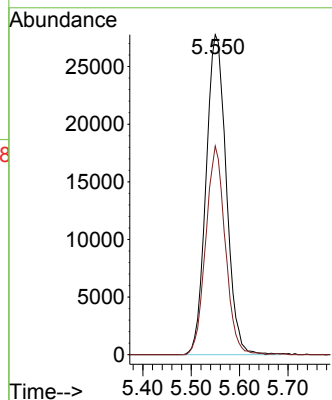
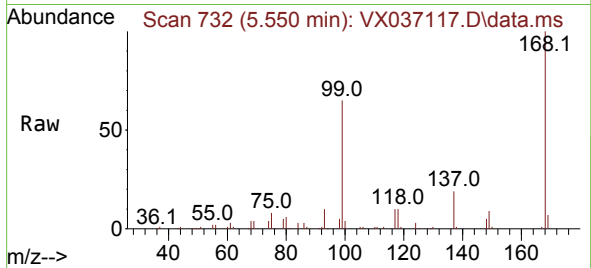




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037117.D
Acq: 19 Aug 2023 08:22

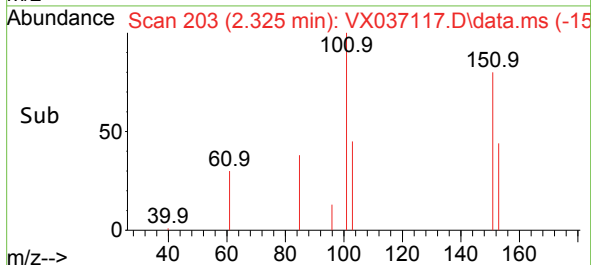
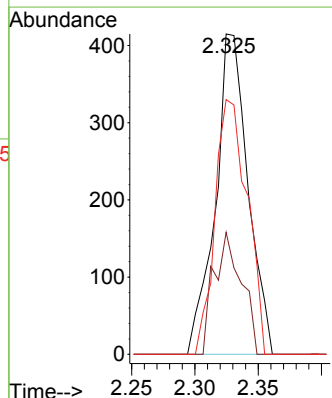
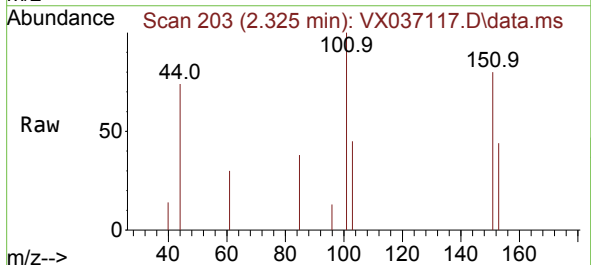
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20230814

Tgt Ion:168 Resp: 80642
Ion Ratio Lower Upper
168 100
99 65.2 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.872 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037117.D
Acq: 19 Aug 2023 08:22

Tgt Ion:101 Resp: 743
Ion Ratio Lower Upper
101 100
85 32.2 37.0 55.6#
151 78.7 58.6 87.8

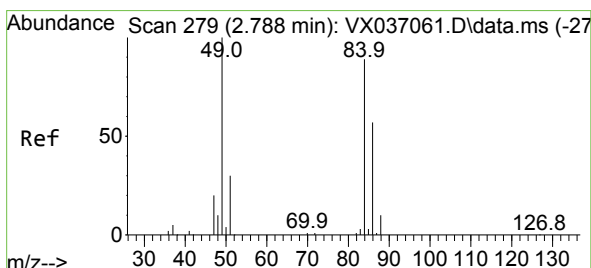
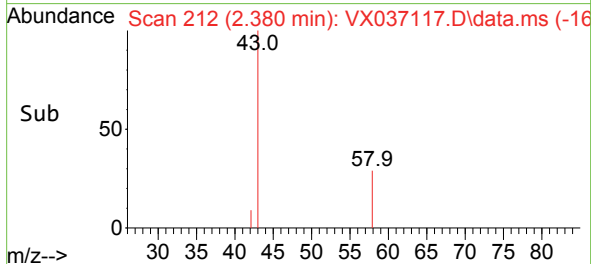
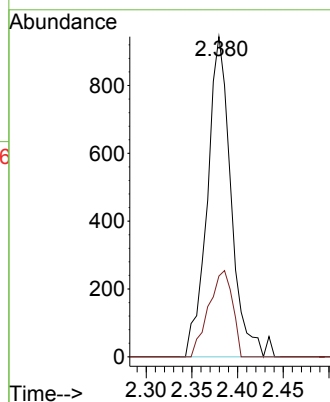
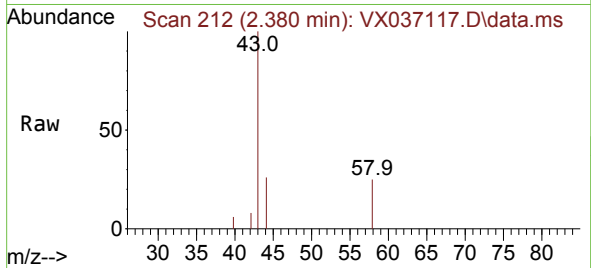




#16
Acetone
Concen: 3.758 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037117.D
Acq: 19 Aug 2023 08:22

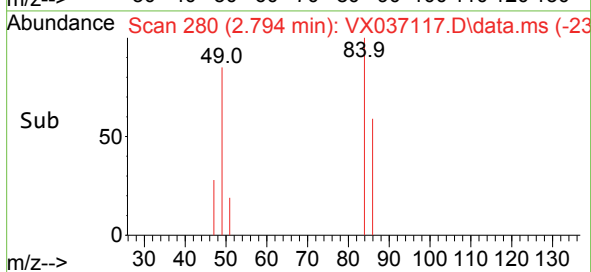
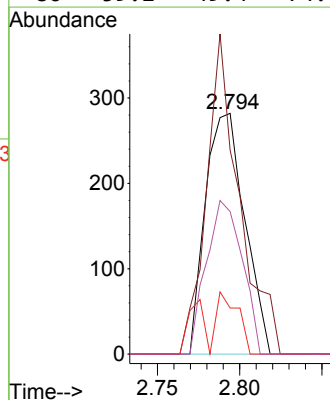
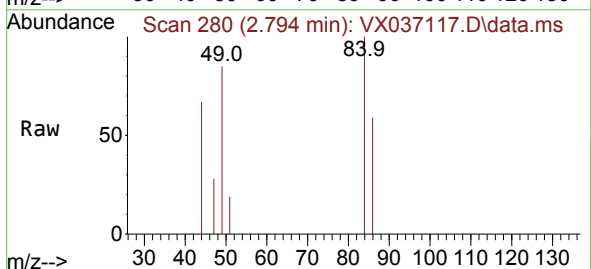
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20230814

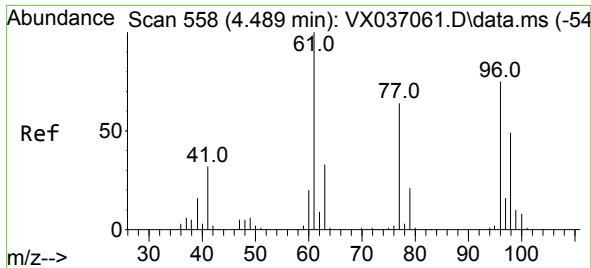
Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
58 25.2 21.9 32.9



#20
Methylene Chloride
Concen: 0.461 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037117.D
Acq: 19 Aug 2023 08:22

Tgt Ion: 84 Resp: 469
Ion Ratio Lower Upper
84 100
49 84.8 103.6 155.4#
51 19.1 33.8 50.6#
86 59.2 49.4 74.0

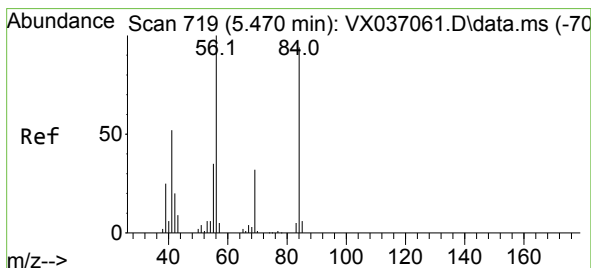
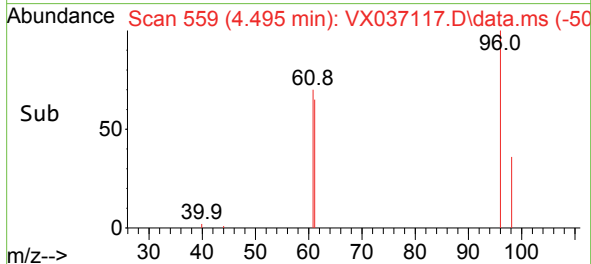
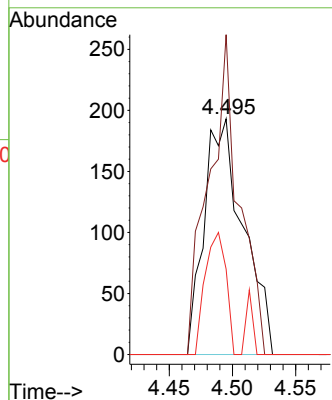
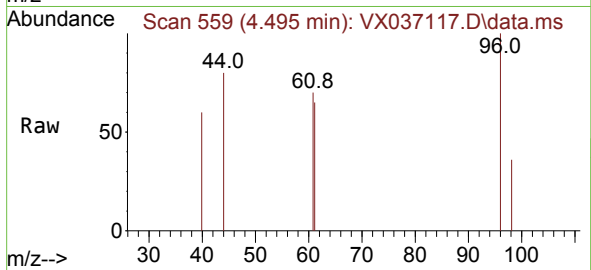




#27
 cis-1,2-Dichloroethene
 Concen: 0.374 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX037117.D
 Acq: 19 Aug 2023 08:22

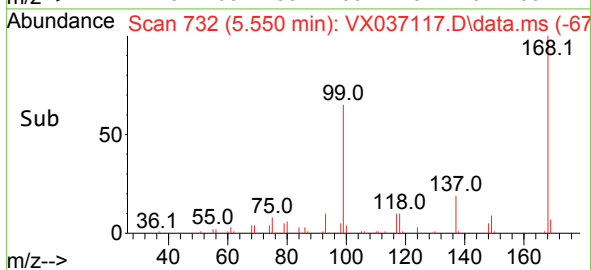
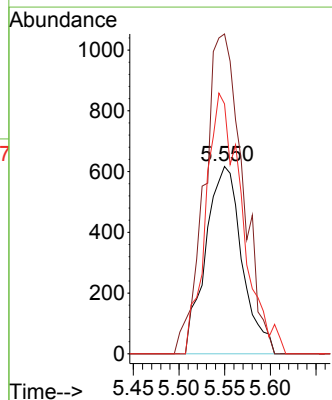
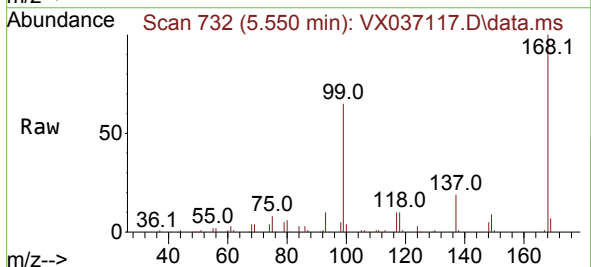
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20230814

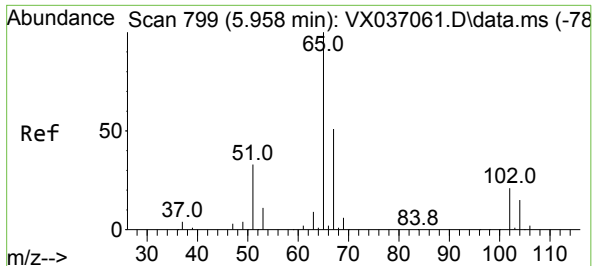
Tgt Ion: 96 Resp: 416
 Ion Ratio Lower Upper
 96 100
 61 105.3 0.0 312.2
 98 27.6 0.0 129.0



#31
 Cyclohexane
 Concen: 1.301 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.079 min
 Lab File: VX037117.D
 Acq: 19 Aug 2023 08:22

Tgt Ion: 56 Resp: 1701
 Ion Ratio Lower Upper
 56 100
 69 170.7 23.4 35.2#
 84 133.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 80.413 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037117.D

Acq: 19 Aug 2023 08:22

Instrument :

MSVOA_X

ClientSampleId :

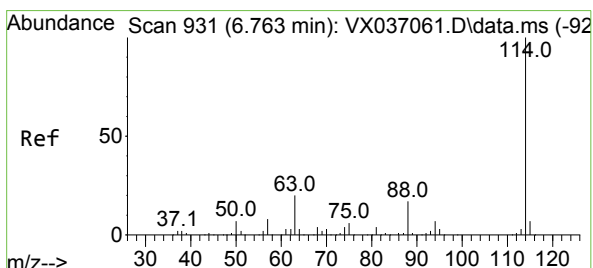
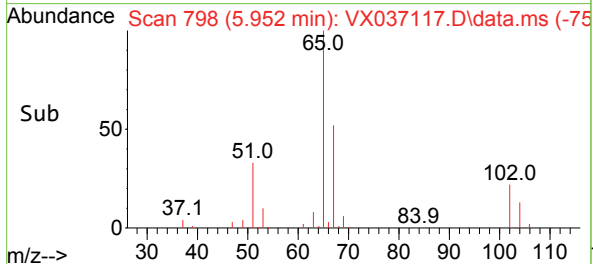
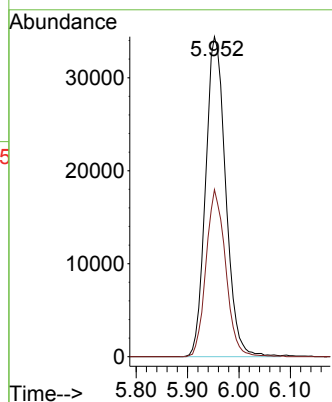
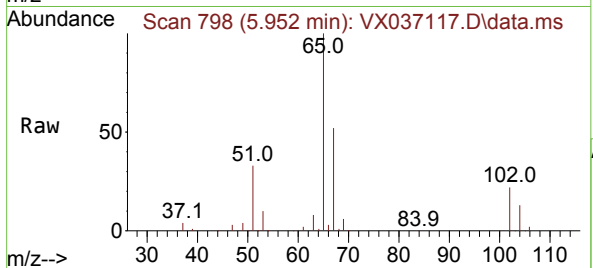
RE104D1-20230814

Tgt Ion: 65 Resp: 93488

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# 931

Delta R.T. -0.000 min

Lab File: VX037117.D

Acq: 19 Aug 2023 08:22

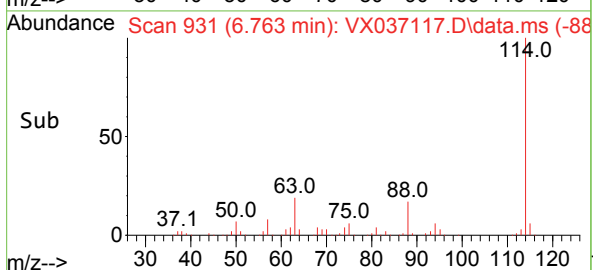
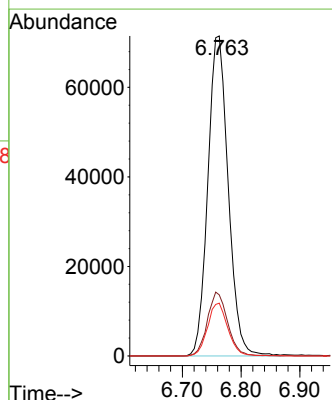
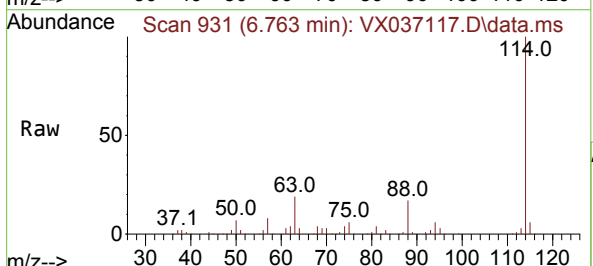
Tgt Ion: 114 Resp: 172243

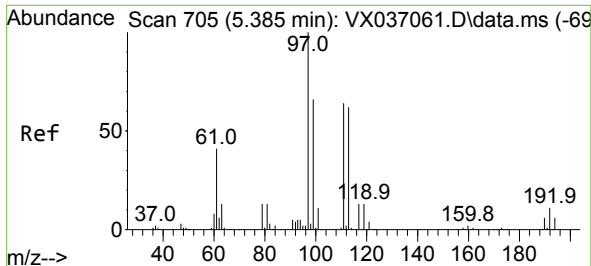
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 16.5 0.0 36.6

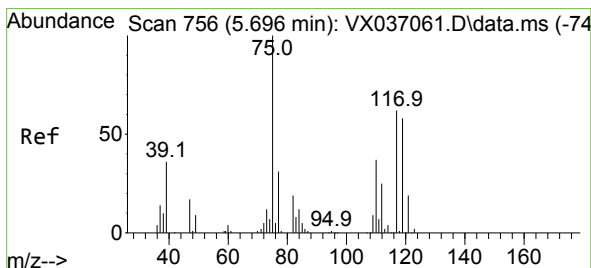
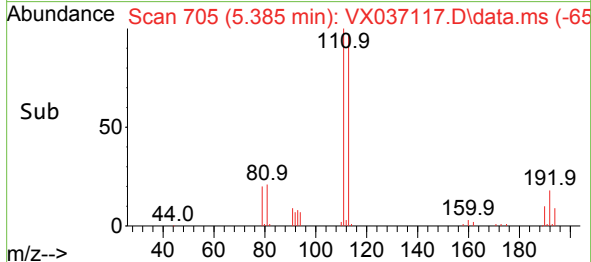
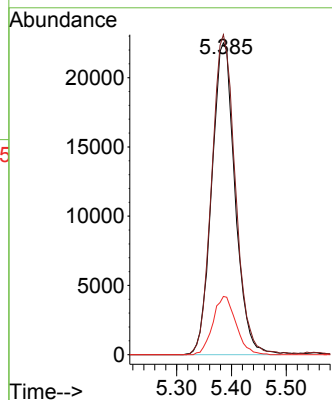
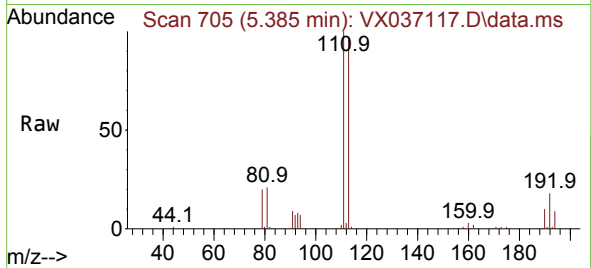




#35
Dibromofluoromethane
Concen: 58.082 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037117.D
Acq: 19 Aug 2023 08:22

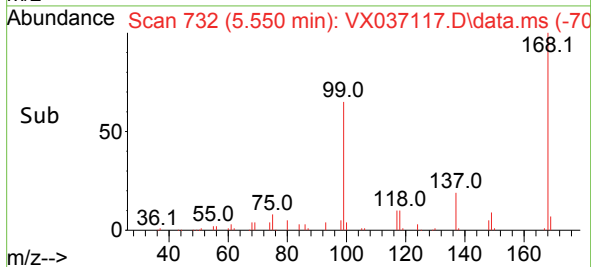
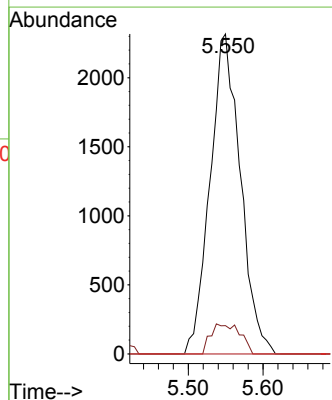
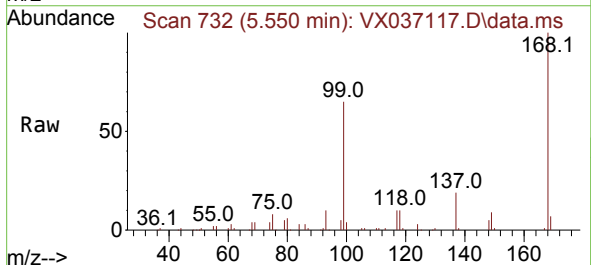
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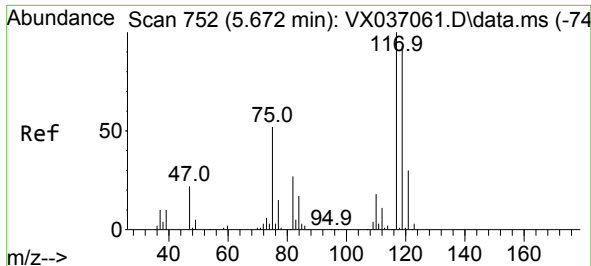
Tgt Ion:113 Resp: 66256
Ion Ratio Lower Upper
113 100
111 104.5 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.031 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037117.D
Acq: 19 Aug 2023 08:22

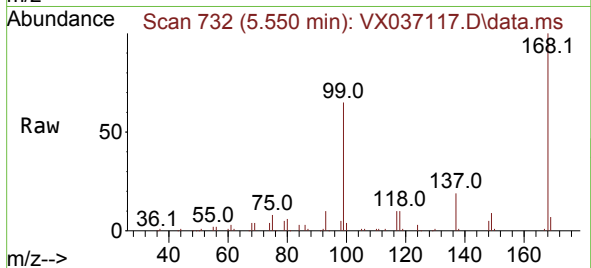
Tgt Ion: 75 Resp: 6533
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



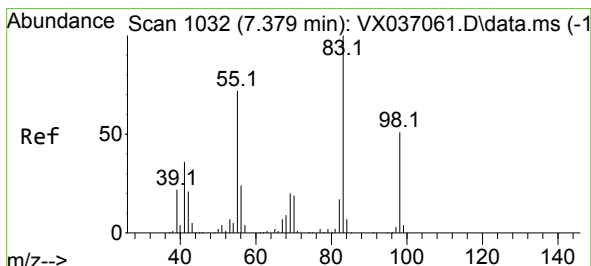
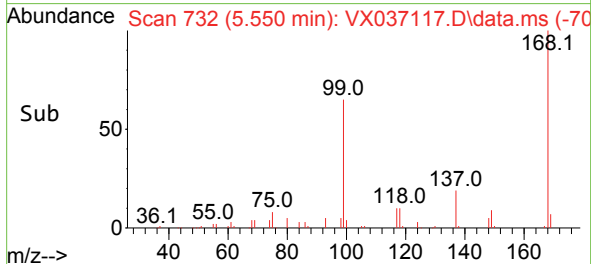
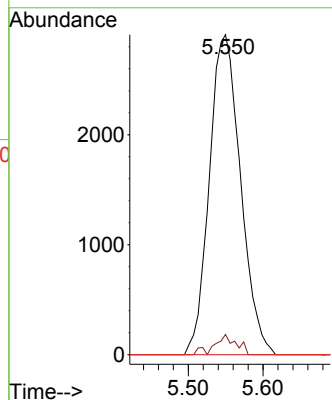


#38
Carbon Tetrachloride
Concen: 4.797 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037117.D
Acq: 19 Aug 2023 08:22

Instrument :
MSVOA_X
ClientSampleId :
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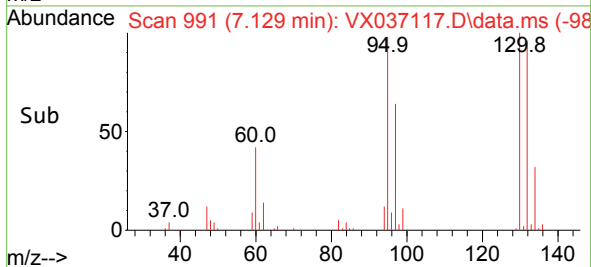
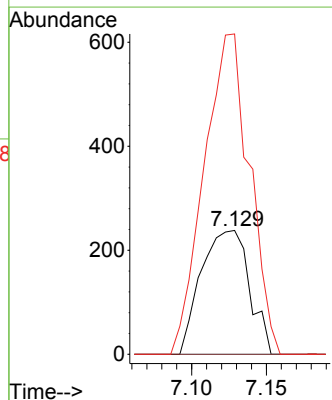
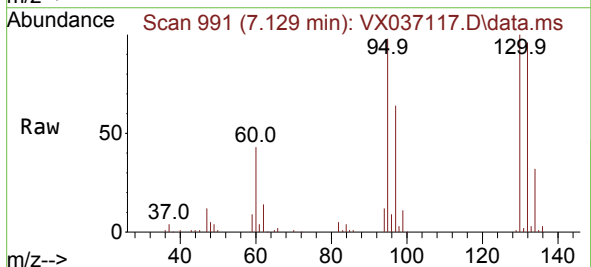


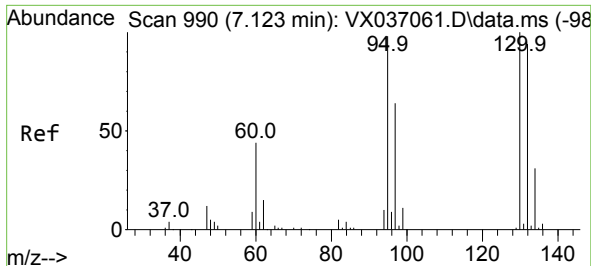
Tgt Ion:117 Resp: 8445
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.314 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX037117.D
Acq: 19 Aug 2023 08:22

Tgt Ion: 83 Resp: 534
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 258.8 36.7 55.1#

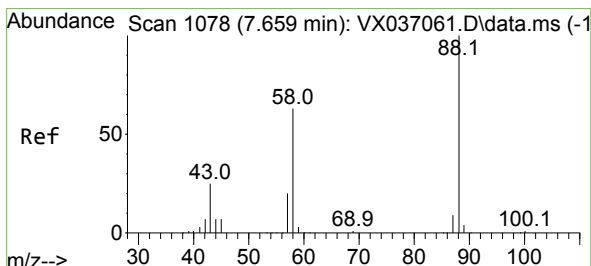
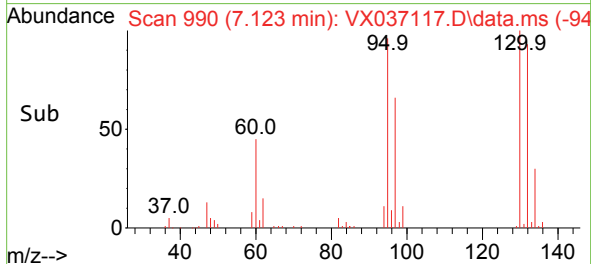
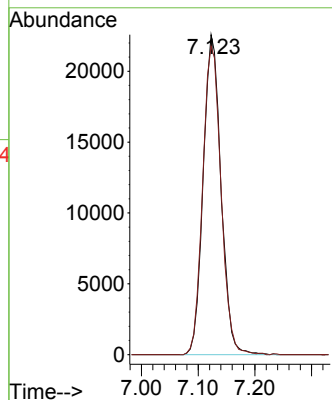
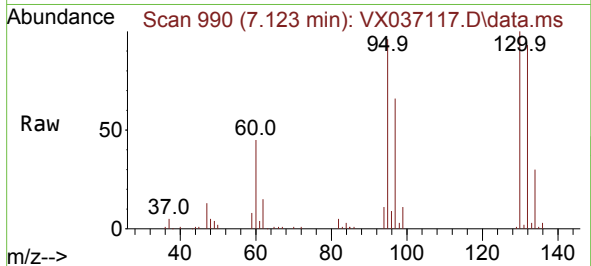




#44
Trichloroethene
Concen: 37.269 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037117.D
Acq: 19 Aug 2023 08:22

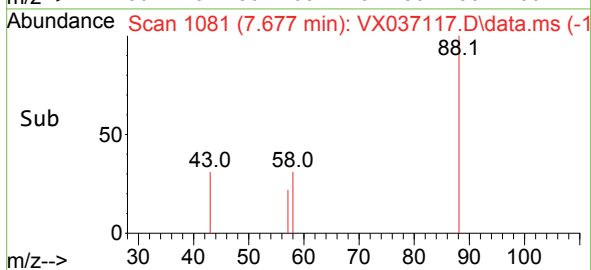
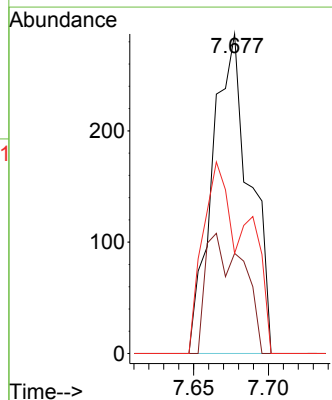
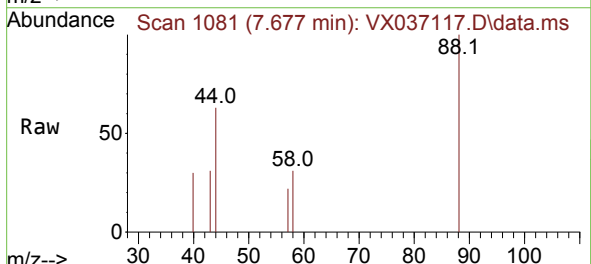
Instrument :
MSVOA_X
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RE104D1-20230814

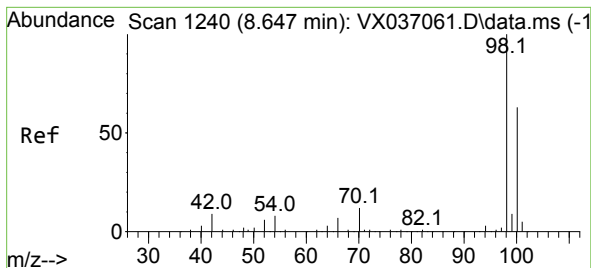
Tgt Ion:130 Resp: 49120
Ion Ratio Lower Upper
130 100
95 96.4 0.0 204.4



#49
1,4-Dioxane
Concen: 14.484 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX037117.D
Acq: 19 Aug 2023 08:22

Tgt Ion: 88 Resp: 500
Ion Ratio Lower Upper
88 100
43 37.2 0.0 0.0#
58 69.4 60.1 90.1





#50

Toluene-d8

Concen: 53.129 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037117.D

Acq: 19 Aug 2023 08:22

Instrument :

MSVOA_X

ClientSampleId :

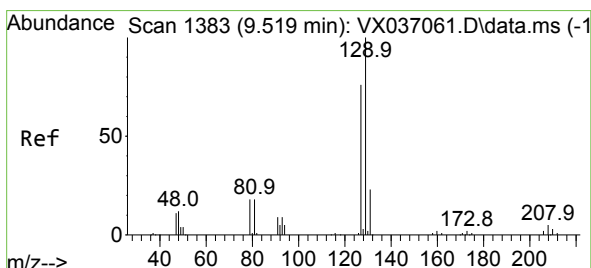
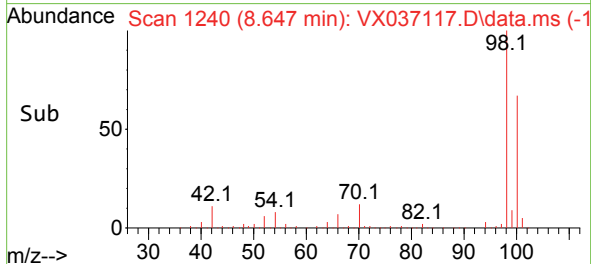
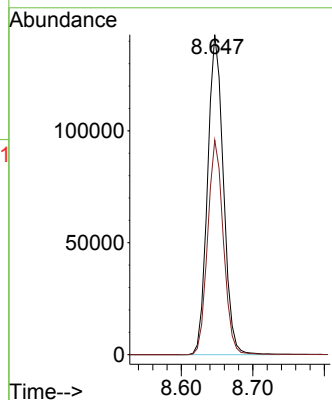
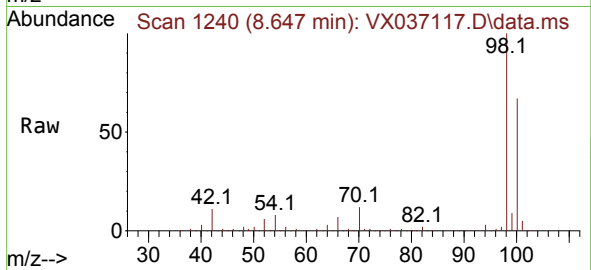
RE104D1-20230814

Tgt Ion: 98 Resp: 219840

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7



#60

Dibromochloromethane

Concen: 1.555 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX037117.D

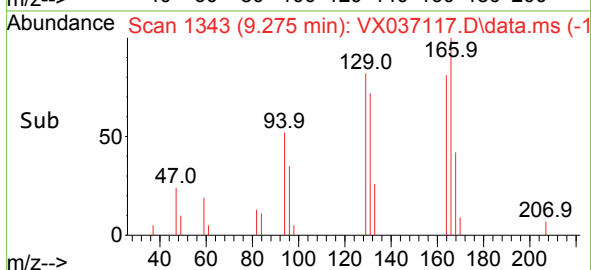
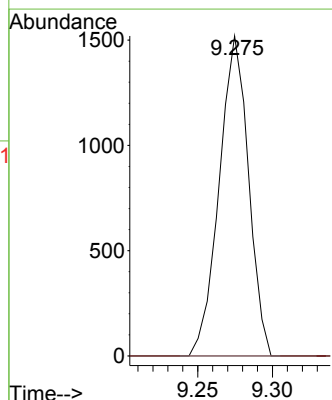
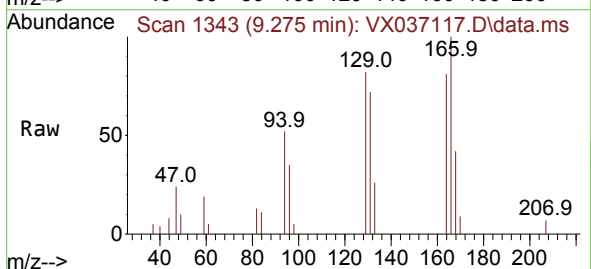
Acq: 19 Aug 2023 08:22

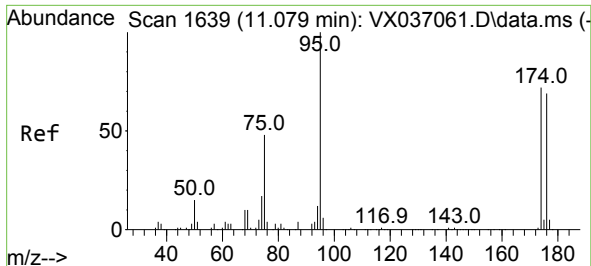
Tgt Ion: 129 Resp: 2070

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

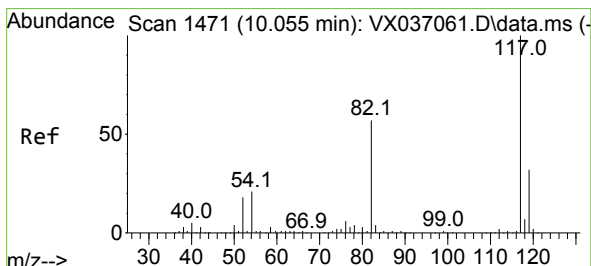
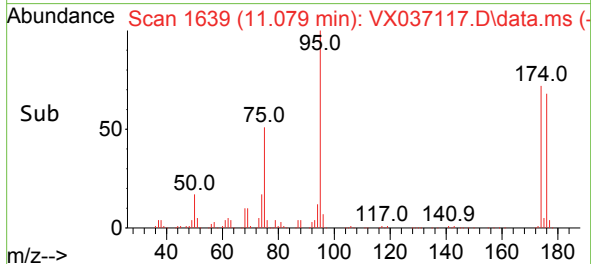
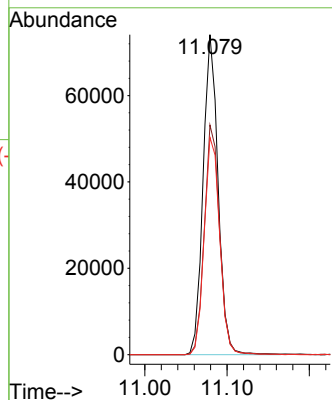
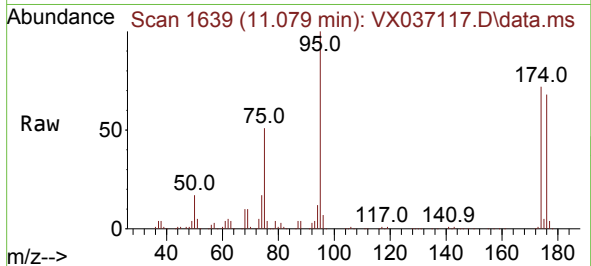




#62
4-Bromofluorobenzene
Concen: 57.624 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037117.D
Acq: 19 Aug 2023 08:22

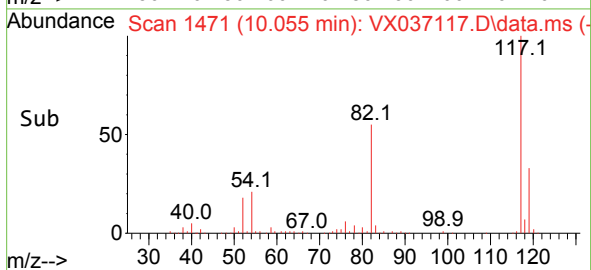
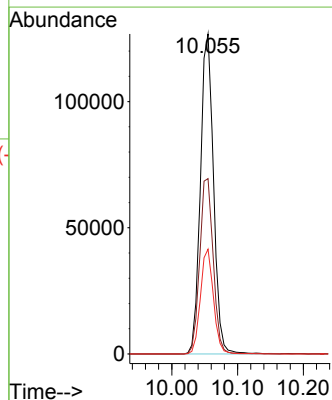
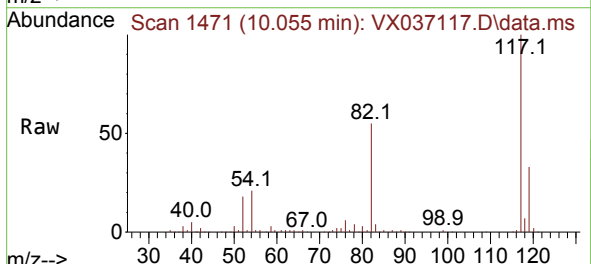
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20230814

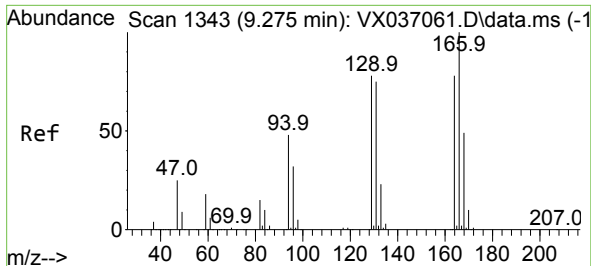
Tgt Ion: 95 Resp: 93703
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 70.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037117.D
Acq: 19 Aug 2023 08:22

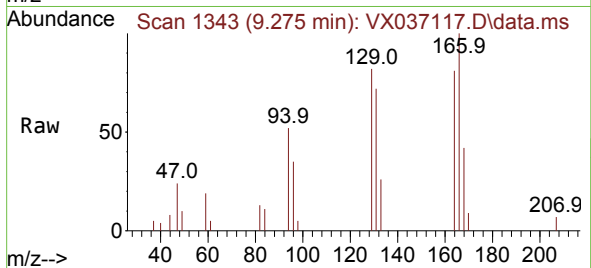
Tgt Ion: 117 Resp: 175482
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.8 25.5 38.3



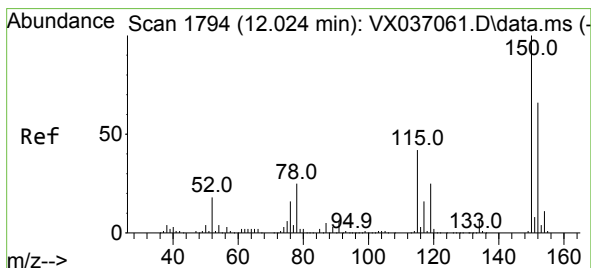
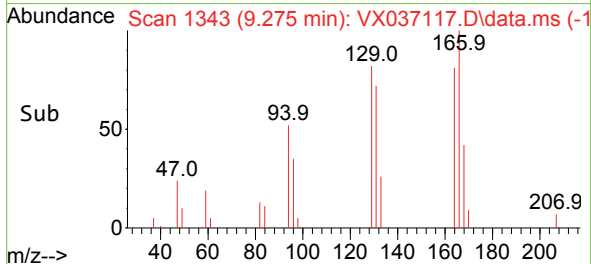
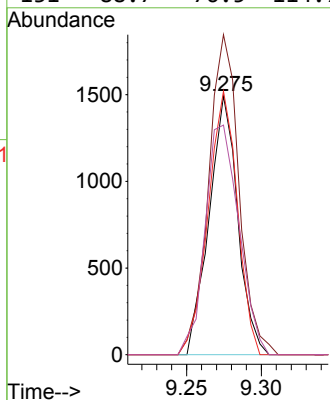


#64
Tetrachloroethene
Concen: 1.550 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037117.D
Acq: 19 Aug 2023 08:22

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20230814

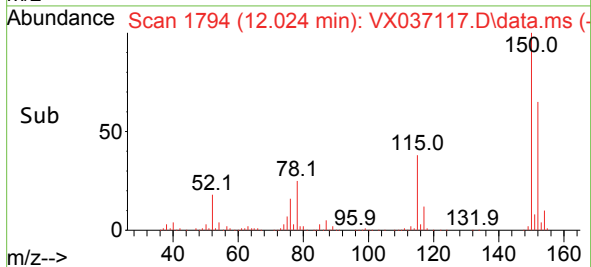
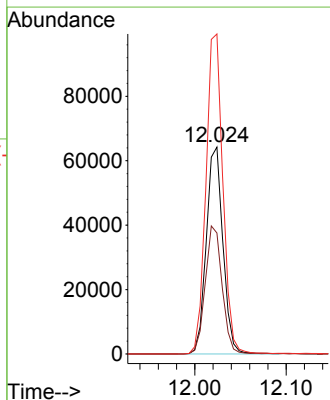
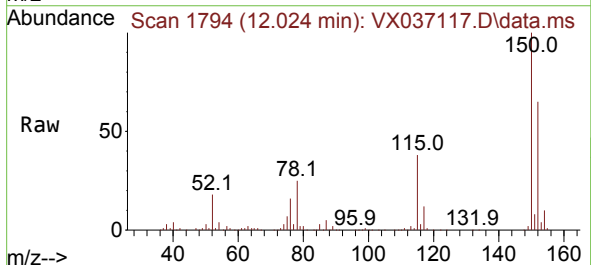


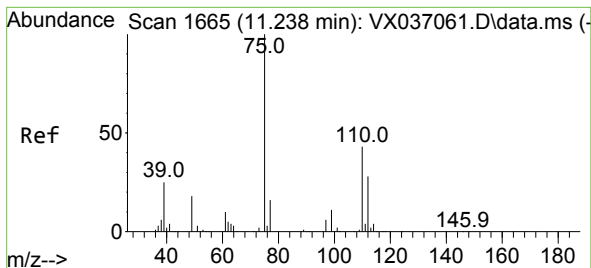
Tgt Ion:164 Resp: 1984
Ion Ratio Lower Upper
164 100
166 123.6 102.7 154.1
129 101.8 80.4 120.6
131 88.7 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037117.D
Acq: 19 Aug 2023 08:22

Tgt Ion:152 Resp: 81284
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 156.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.876 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037117.D

Acq: 19 Aug 2023 08:22

Instrument :

MSVOA_X

ClientSampleId :

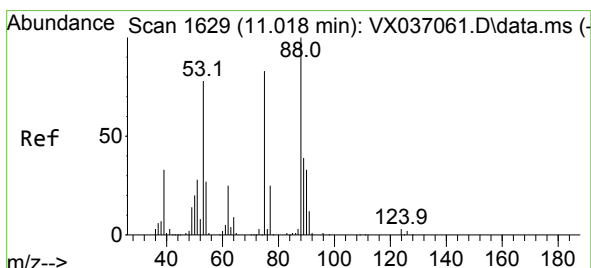
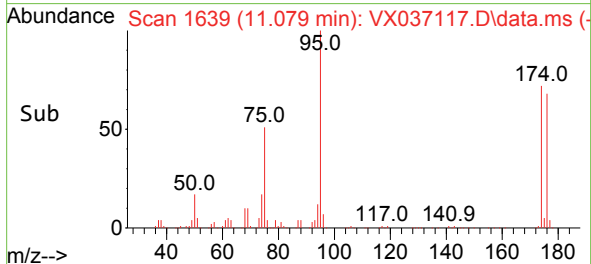
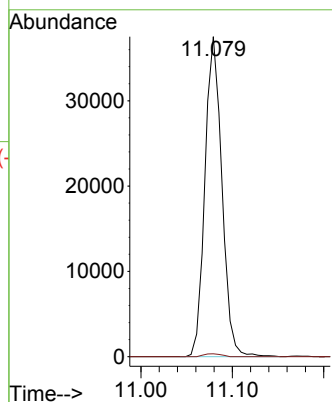
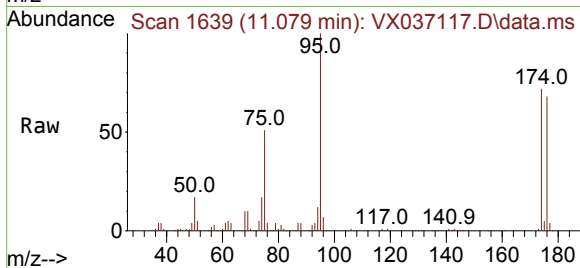
RE104D1-20230814

Tgt Ion: 75 Resp: 48255

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.858 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037117.D

Acq: 19 Aug 2023 08:22

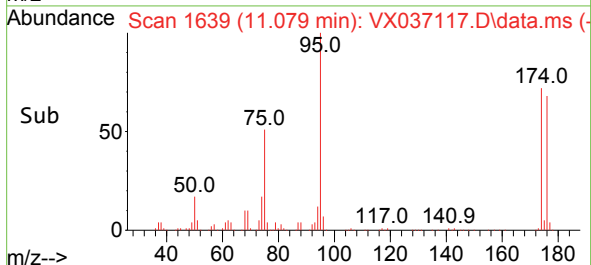
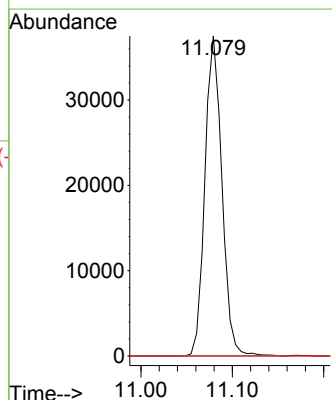
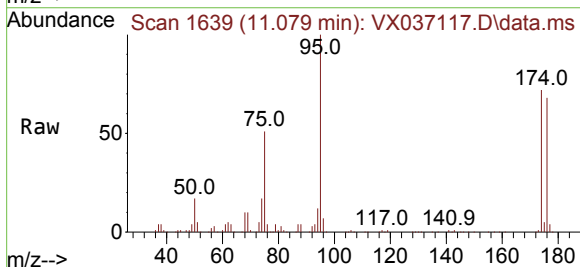
Tgt Ion: 75 Resp: 48255

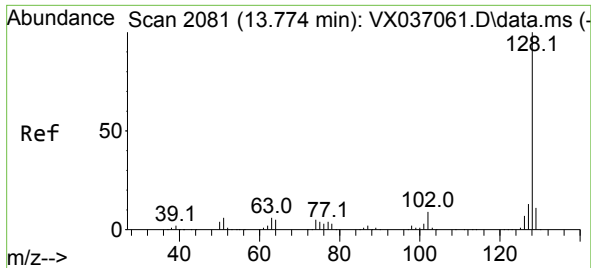
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.246 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX037117.D

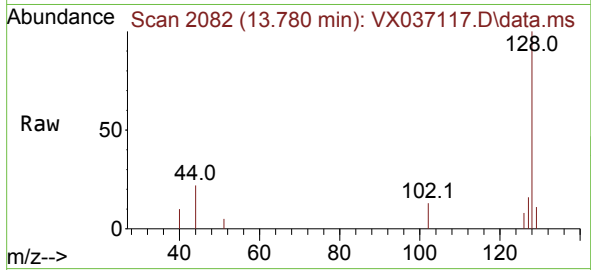
Acq: 19 Aug 2023 08:22

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20230814



Tgt Ion:128 Resp: 1668

Ion Ratio Lower Upper

128 100

127 9.3 10.3 15.5#

129 8.9 8.8 13.2

