

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037240.D
 Acq On : 25 Aug 2023 01:59
 Operator : JC/MD
 Sample : 04077-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20230816

Quant Time: Aug 25 06:31:21 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)

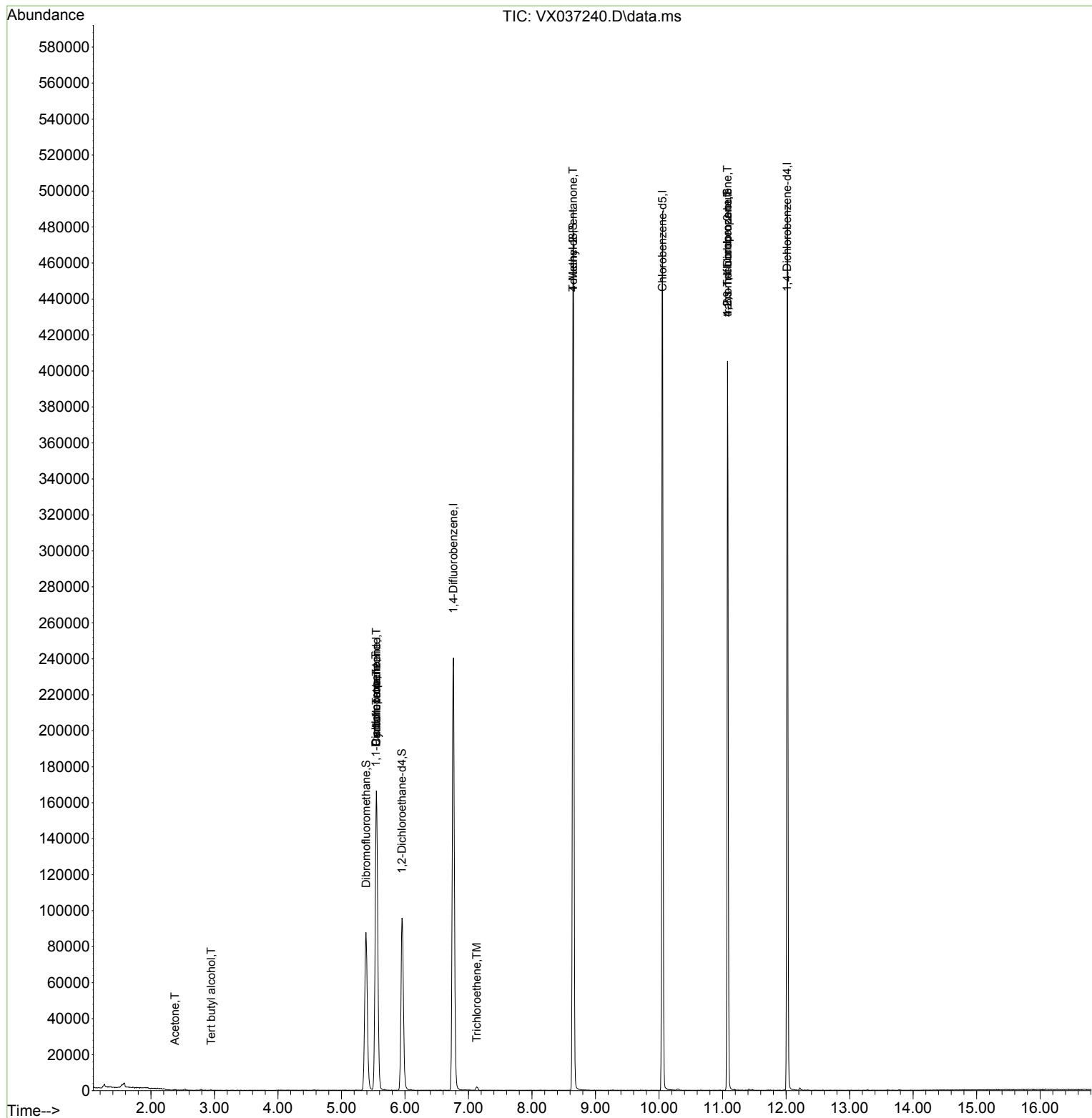
Internal Standards						
1) Pentafluorobenzene	5.550	168	154548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	252682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97907	43.942	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.880%
35) Dibromofluoromethane	5.385	113	78336	46.811	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.620%
50) Toluene-d8	8.647	98	294229	48.471	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.940%
62) 4-Bromofluorobenzene	11.079	95	109161	45.760	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	119	0.228	ug/l #	78
16) Acetone	2.380	43	400	0.459	ug/l	97
31) Cyclohexane	5.550	56	3204	1.279	ug/l #	13
36) 1,1-Dichloropropene	5.544	75	12324	5.184	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16402	6.351	ug/l #	15
44) Trichloroethene	7.129	130	882	0.456	ug/l	81
51) 4-Methyl-2-Pentanone	8.647	43	1222	0.522	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55687	25.576	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55687	71.435	ug/l #	5

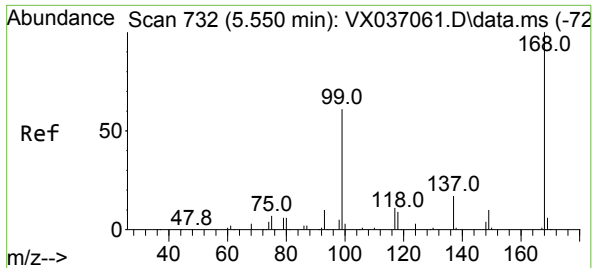
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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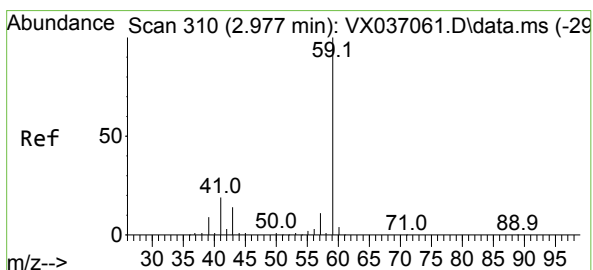
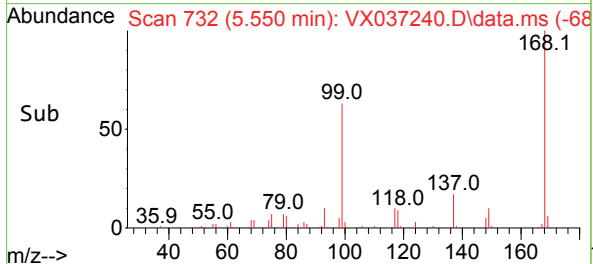
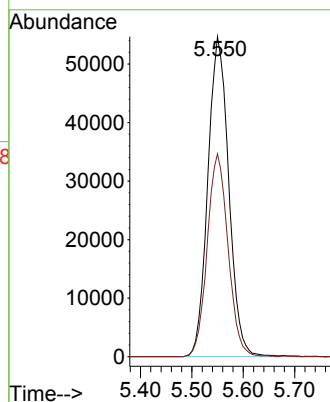
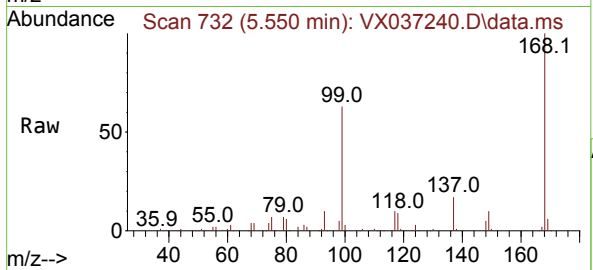




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037240.D
Acq: 25 Aug 2023 01:59

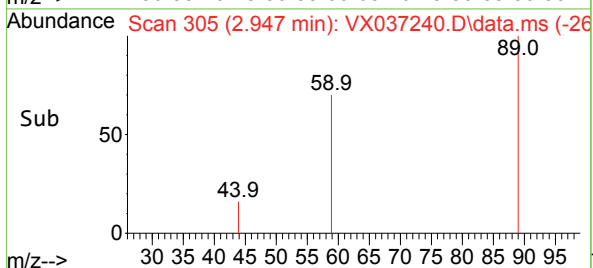
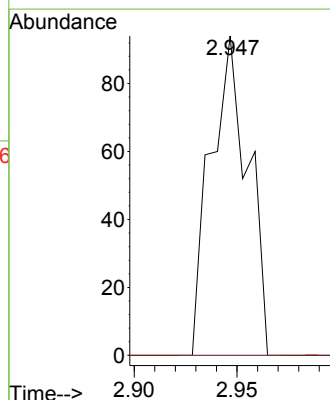
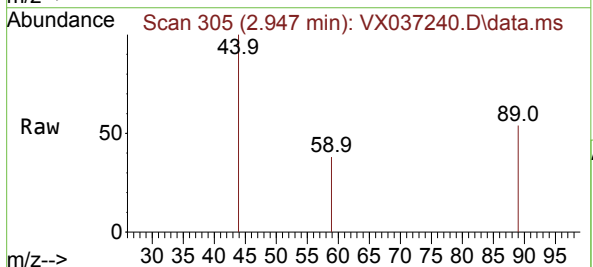
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20230816

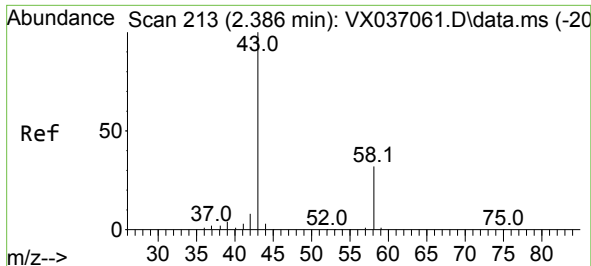
Tgt Ion:168 Resp: 154548
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.228 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX037240.D
Acq: 25 Aug 2023 01:59

Tgt Ion: 59 Resp: 119
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

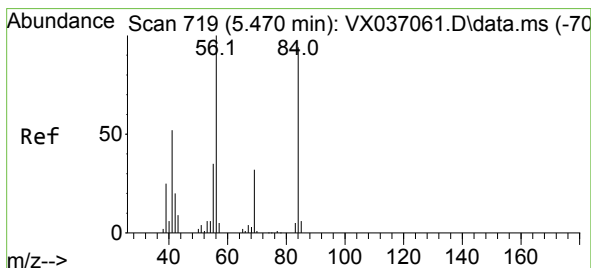
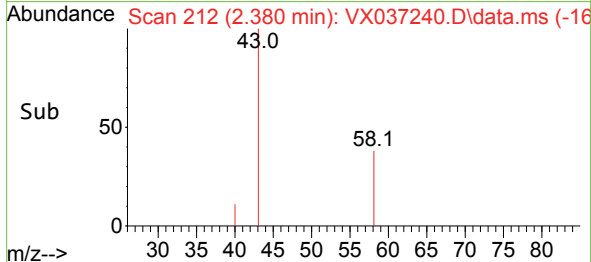
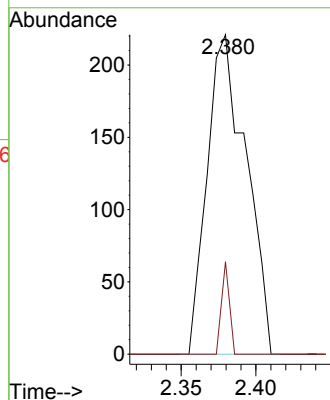
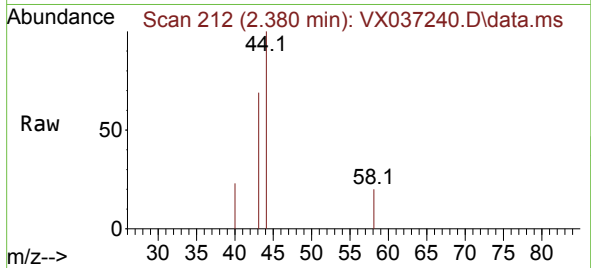




#16
Acetone
Concen: 0.459 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037240.D
Acq: 25 Aug 2023 01:59

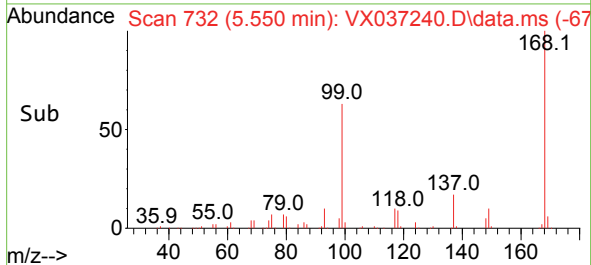
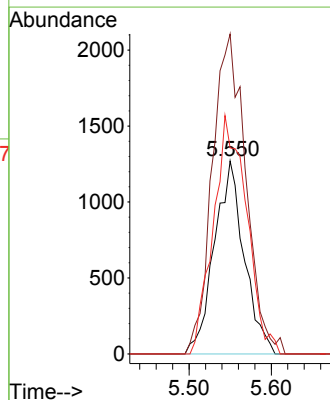
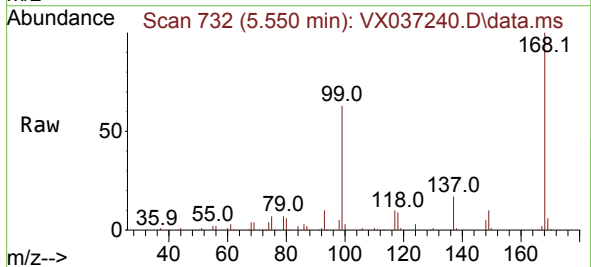
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20230816

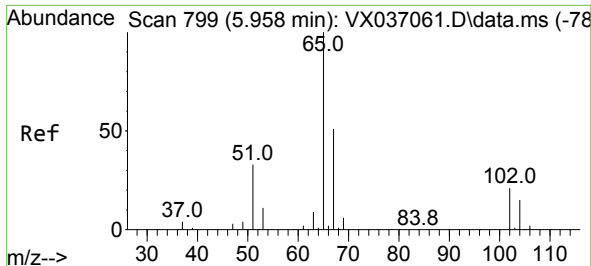
Tgt Ion: 43 Resp: 400
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9



#31
Cyclohexane
Concen: 1.279 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037240.D
Acq: 25 Aug 2023 01:59

Tgt Ion: 56 Resp: 3204
Ion Ratio Lower Upper
56 100
69 165.8 23.4 35.2#
84 106.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.942 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037240.D

Acq: 25 Aug 2023 01:59

Instrument :

MSVOA_X

ClientSampleId :

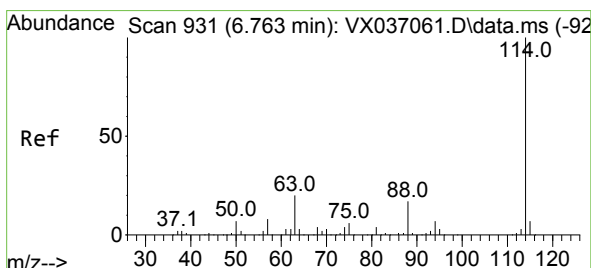
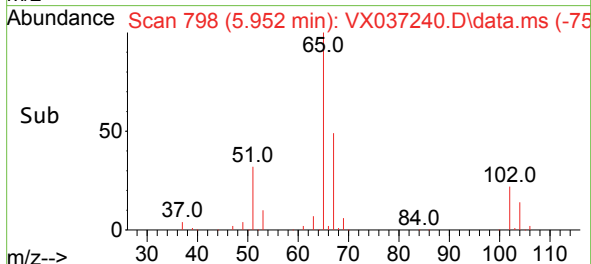
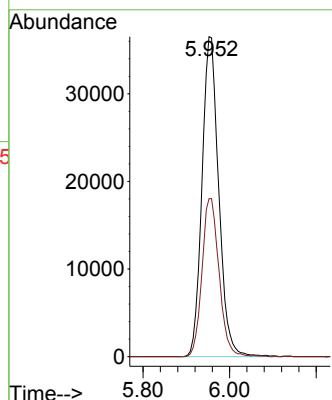
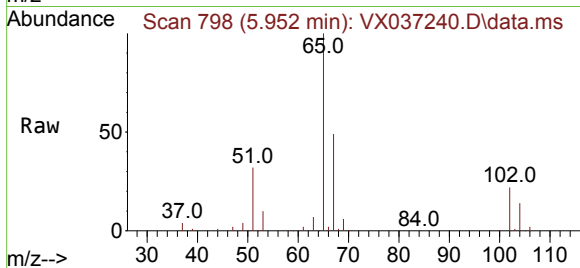
RE117D2-20230816

Tgt Ion: 65 Resp: 97907

Ion Ratio Lower Upper

65 100

67 50.5 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: VX037240.D

Acq: 25 Aug 2023 01:59

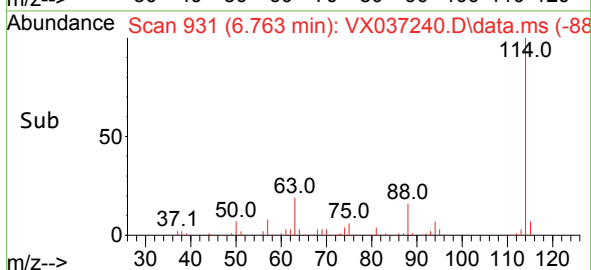
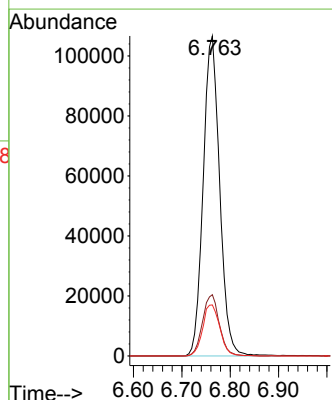
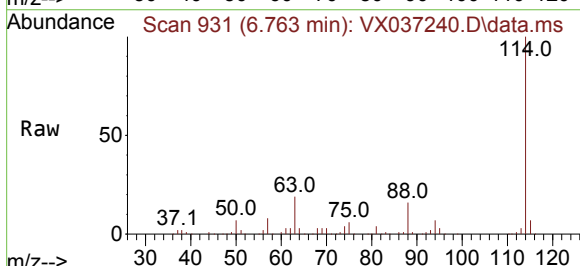
Tgt Ion: 114 Resp: 252682

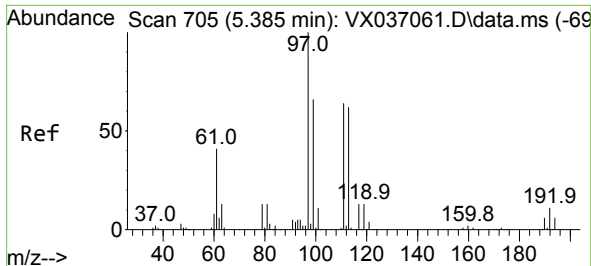
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 16.0 0.0 36.6

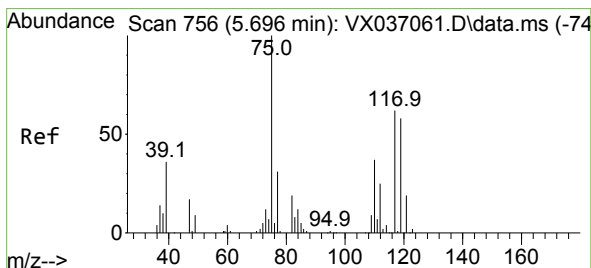
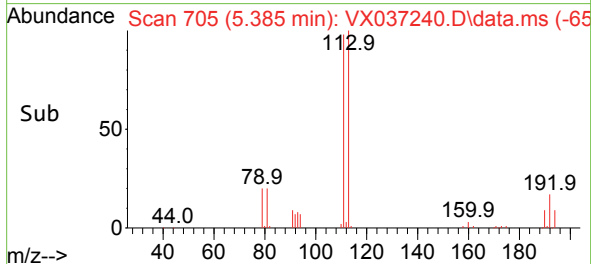
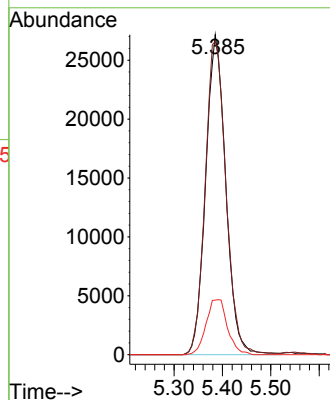
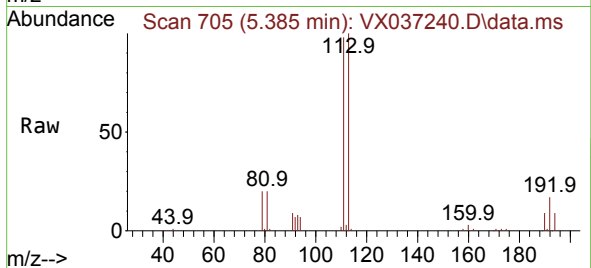




#35
 Dibromofluoromethane
 Concen: 46.811 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX037240.D
 Acq: 25 Aug 2023 01:59

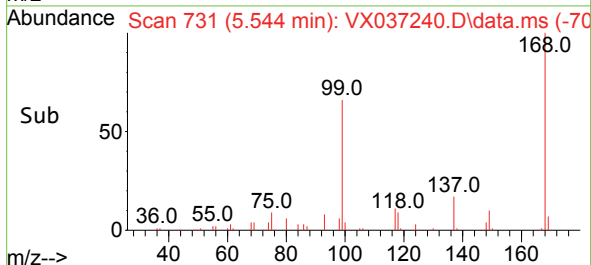
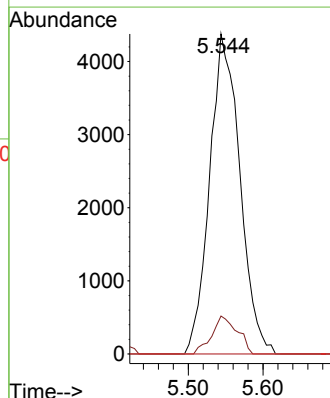
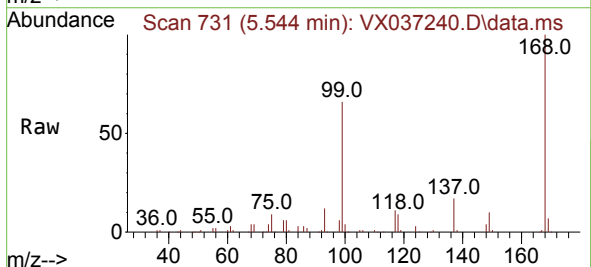
Instrument :
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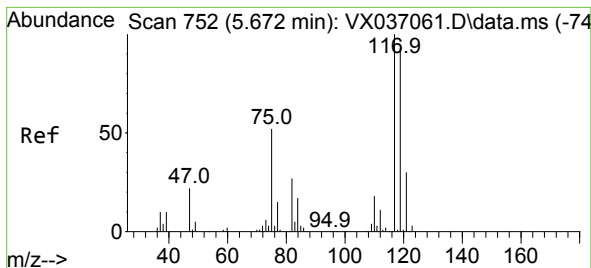
Tgt Ion:113 Resp: 78336
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.9 124.3
 192 18.3 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 5.184 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.152 min
 Lab File: VX037240.D
 Acq: 25 Aug 2023 01:59

Tgt Ion: 75 Resp: 12324
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.0 50.9#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.351 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX037240.D

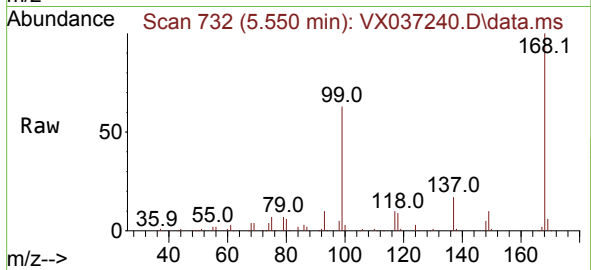
Acq: 25 Aug 2023 01:59

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-20230816



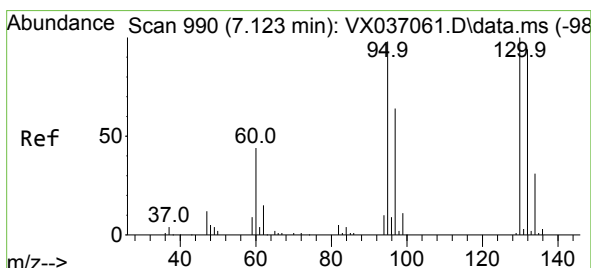
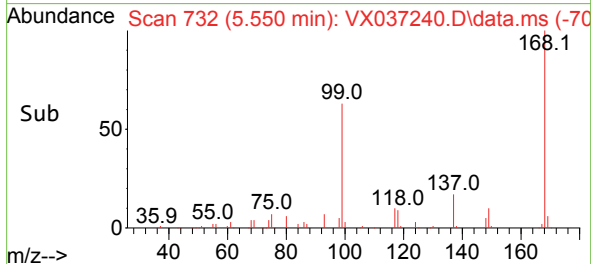
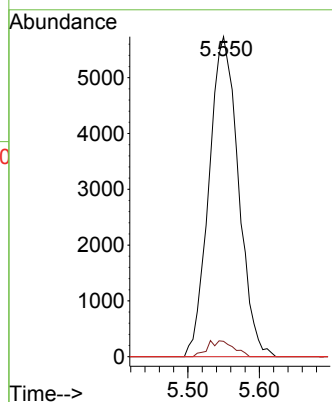
Tgt Ion:117 Resp: 16402

Ion Ratio Lower Upper

117 100

119 4.8 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.456 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037240.D

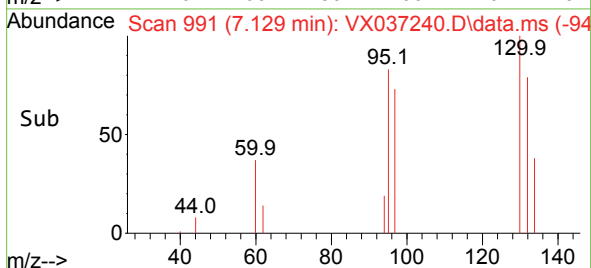
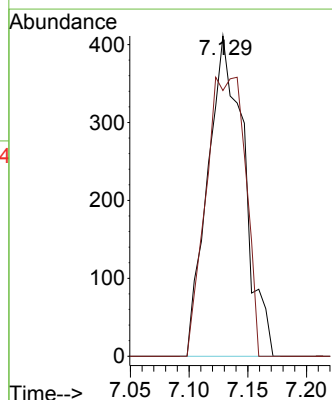
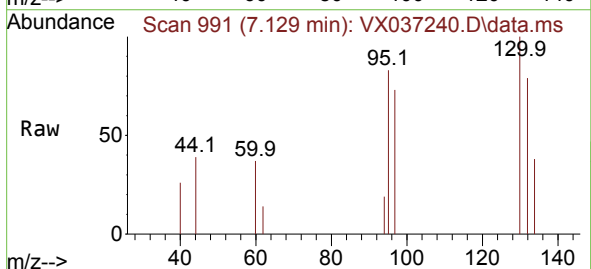
Acq: 25 Aug 2023 01:59

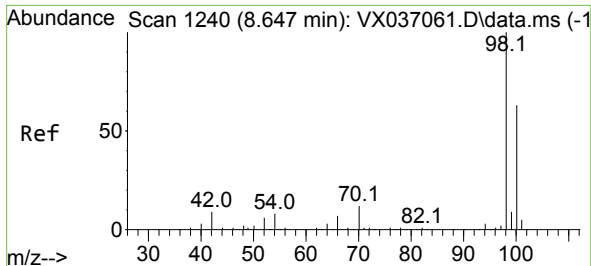
Tgt Ion:130 Resp: 882

Ion Ratio Lower Upper

130 100

95 83.0 0.0 204.4

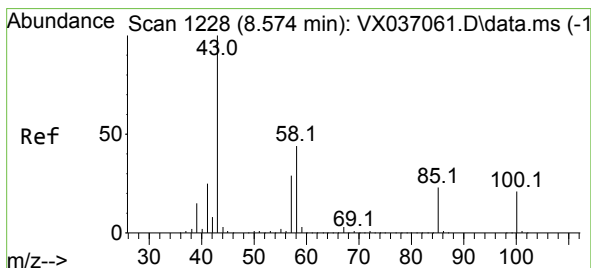
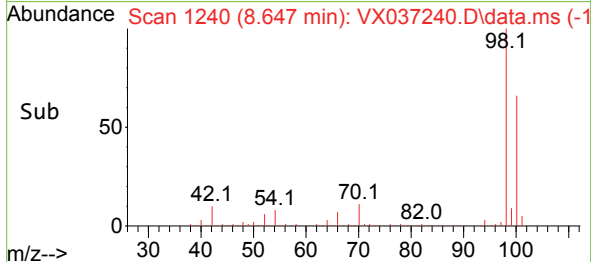
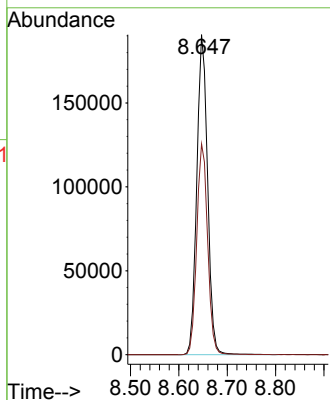
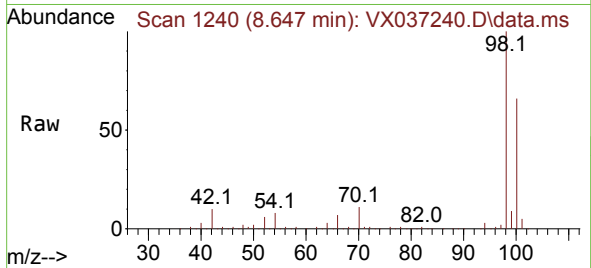




#50
Toluene-d8
Concen: 48.471 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037240.D
Acq: 25 Aug 2023 01:59

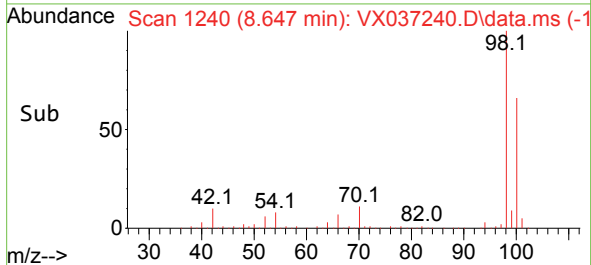
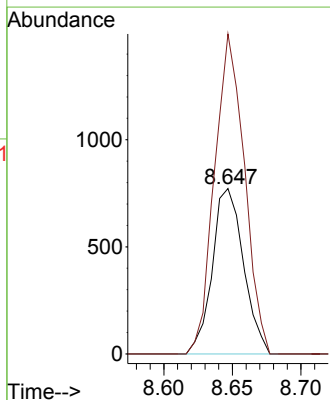
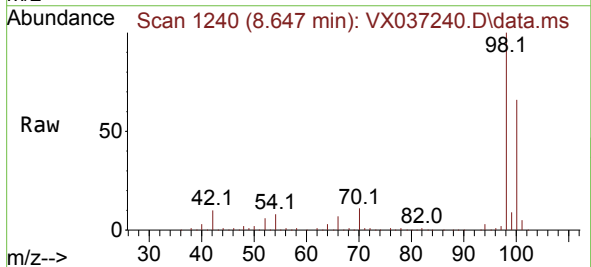
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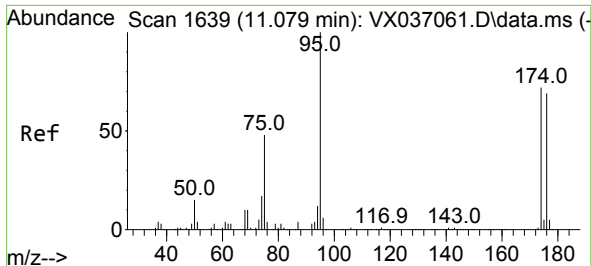
Tgt Ion: 98 Resp: 294229
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037240.D
Acq: 25 Aug 2023 01:59

Tgt Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
58 185.6 30.4 45.6#

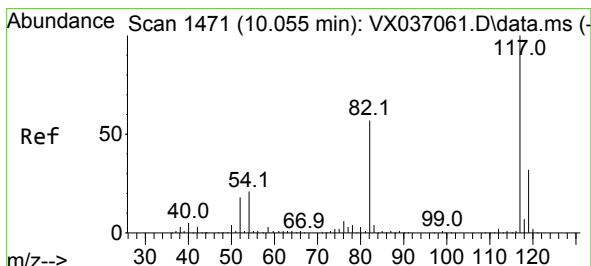
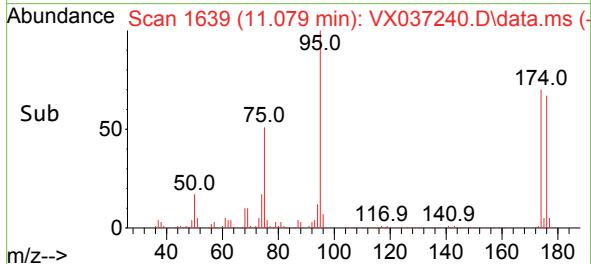
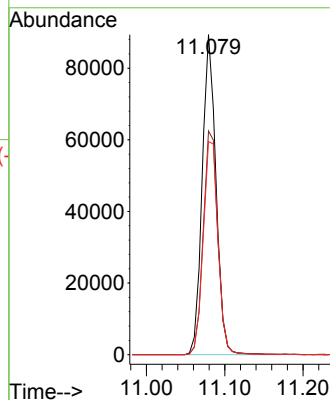
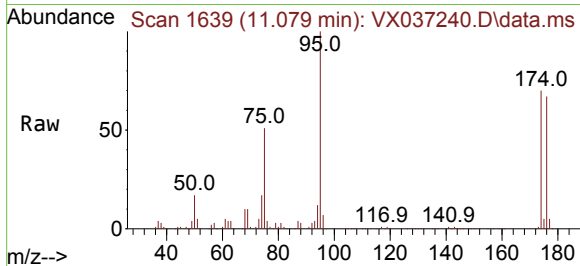




#62
4-Bromofluorobenzene
Concen: 45.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037240.D
Acq: 25 Aug 2023 01:59

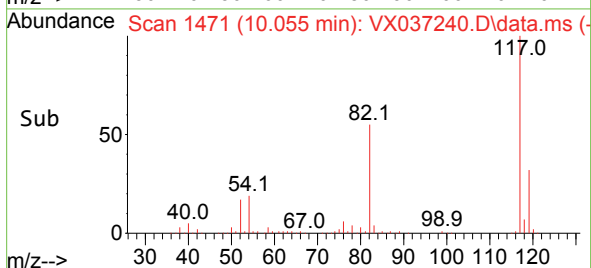
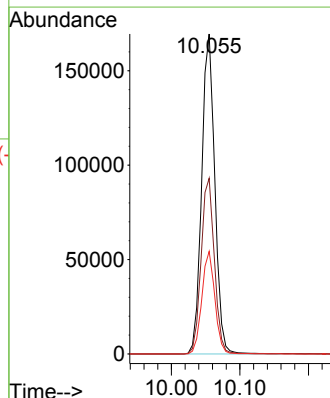
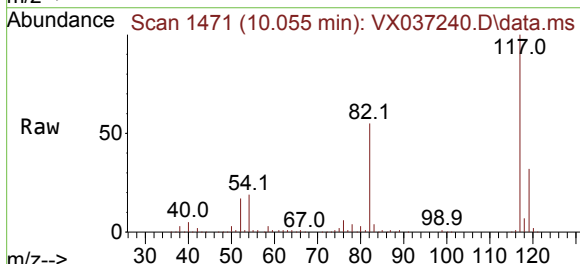
Instrument :
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RE117D2-20230816

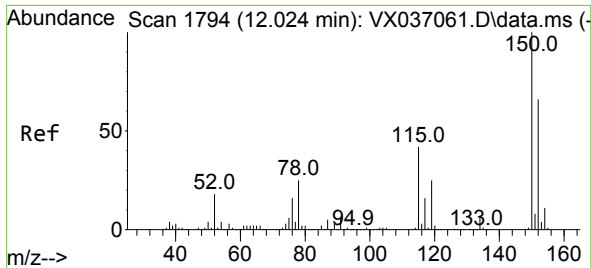
Tgt Ion: 95 Resp: 109161
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 71.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037240.D
Acq: 25 Aug 2023 01:59

Tgt Ion: 117 Resp: 226234
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.1 25.5 38.3

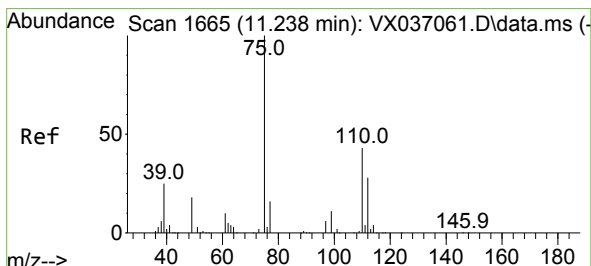
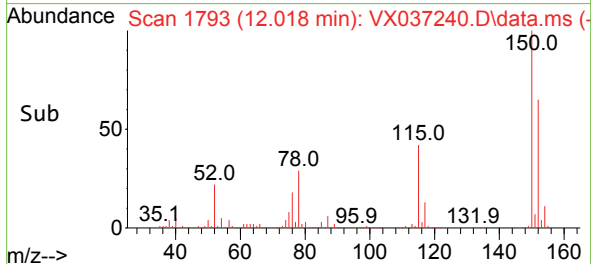
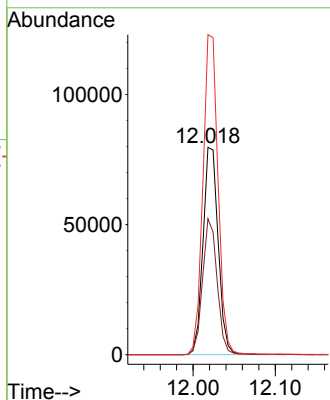
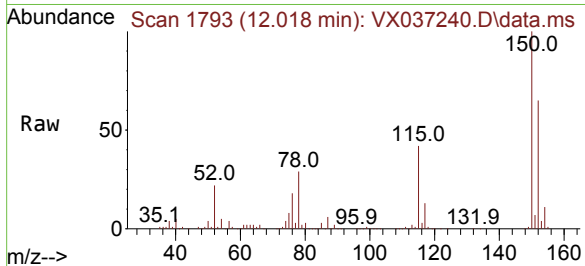




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX037240.D
 Acq: 25 Aug 2023 01:59

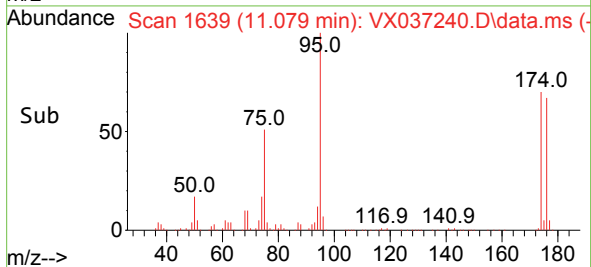
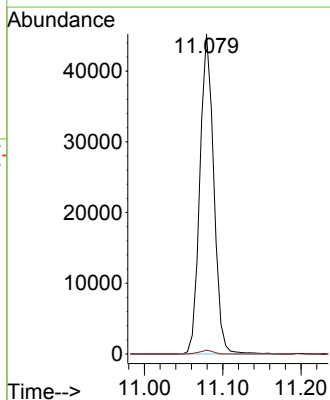
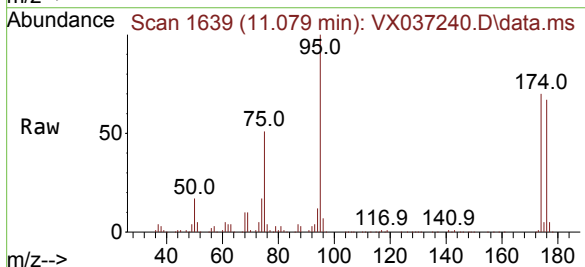
Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20230816

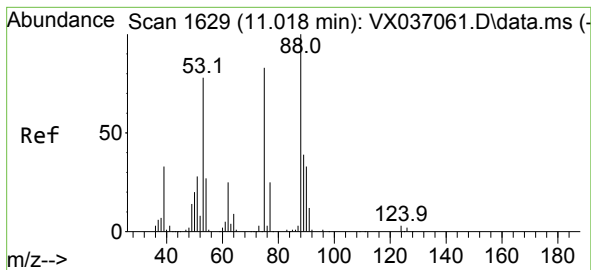
Tgt Ion:152 Resp: 102237
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.3 129.9
 150 154.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.576 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037240.D
 Acq: 25 Aug 2023 01:59

Tgt Ion: 75 Resp: 55687
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.435 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037240.D
 Acq: 25 Aug 2023 01:59

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20230816

Tgt Ion: 75 Resp: 55687
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

