

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037017.D
 Acq On : 16 Aug 2023 14:59
 Operator : JC/MD
 Sample : 04024-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20230815

Quant Time: Aug 17 04:15:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

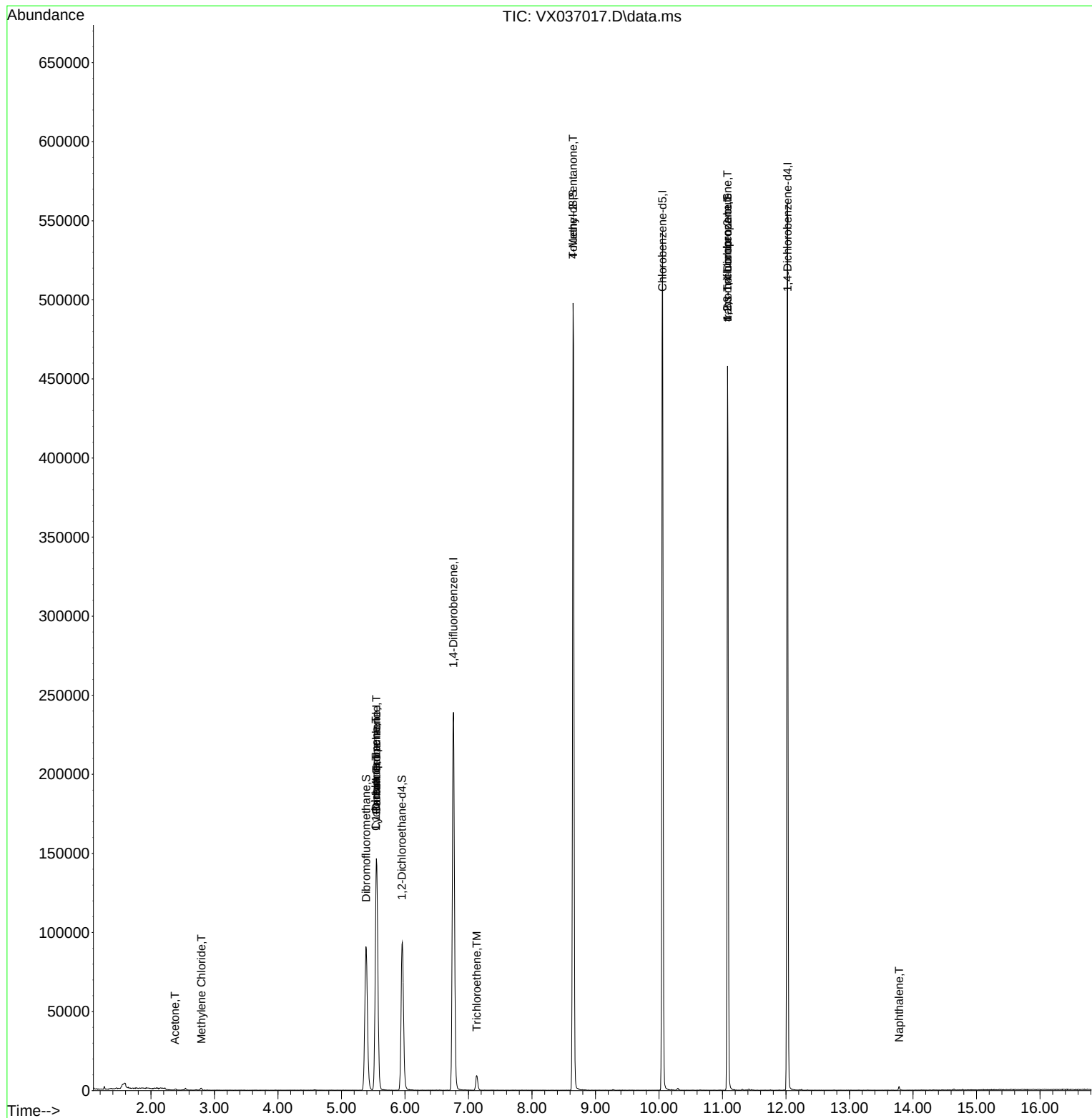
Internal Standards						
1) Pentafluorobenzene	5.550	168	135783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248709	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96675	48.118	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.240%		
35) Dibromofluoromethane	5.385	113	79306	46.392	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.780%		
50) Toluene-d8	8.647	98	300333	49.542	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.080%		
62) 4-Bromofluorobenzene	11.079	95	126333	55.235	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.480%		
Target Compounds						
16) Acetone	2.380	43	783	0.939	ug/l	96
20) Methylene Chloride	2.794	84	652	0.352	ug/l #	70
31) Cyclohexane	5.544	56	2900	1.042	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11212	4.400	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14666	5.414	ug/l #	15
44) Trichloroethene	7.129	130	3961	2.044	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	1272	0.463	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	65038	23.549	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	65038	53.376	ug/l #	5
95) Naphthalene	13.780	128	1996	0.235	ug/l #	93

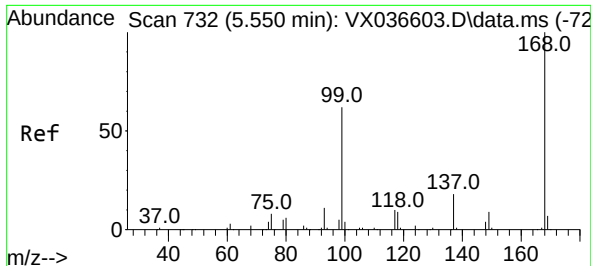
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

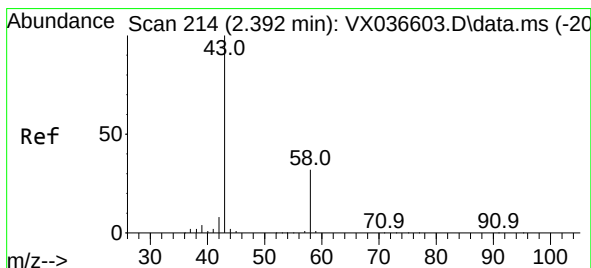
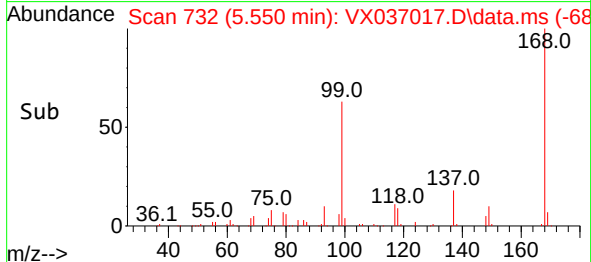
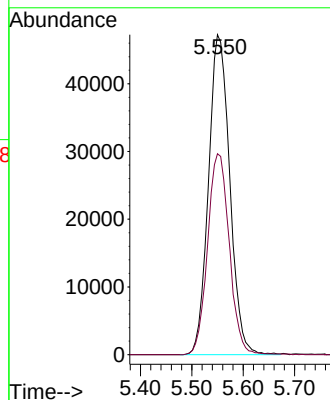
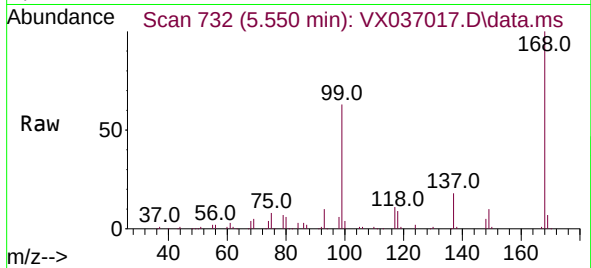




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

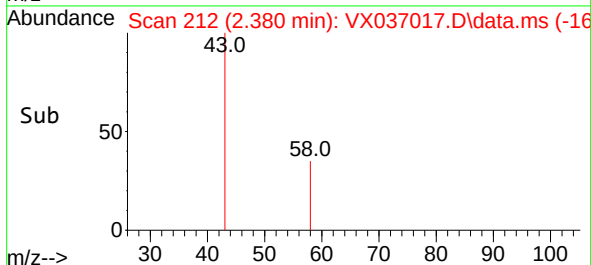
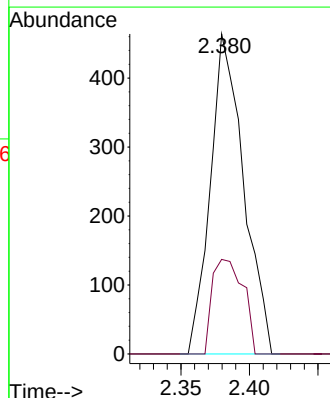
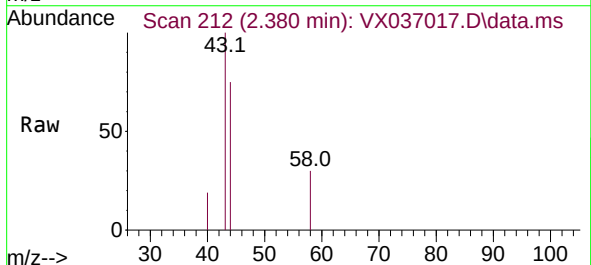
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230815

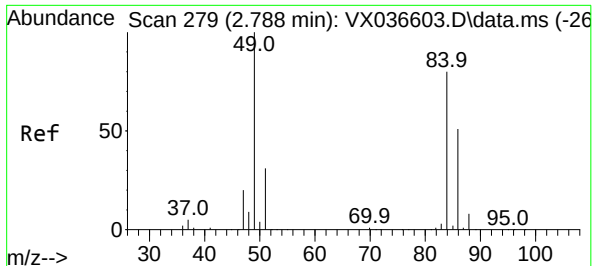
Tgt Ion:168 Resp: 135783
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#16
Acetone
Concen: 0.939 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9





#20

Methylene Chloride

Concen: 0.352 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037017.D

Acq: 16 Aug 2023 14:59

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20230815

Tgt Ion: 84 Resp: 652

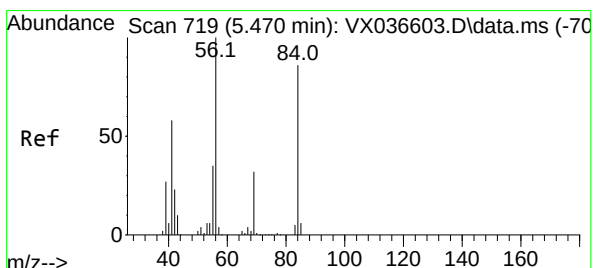
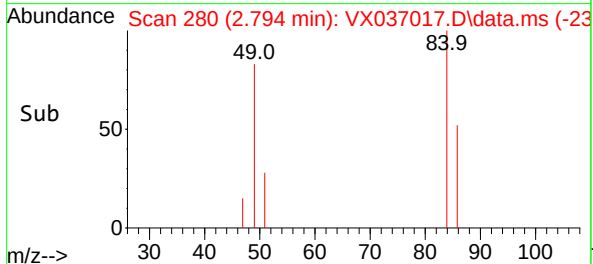
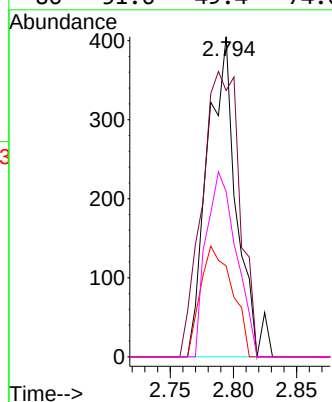
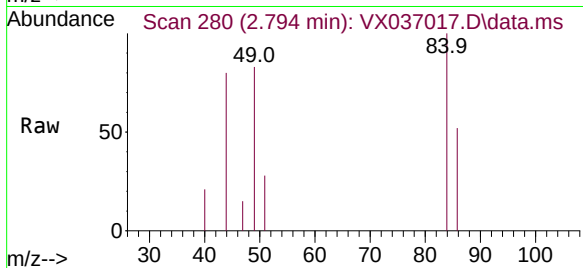
Ion Ratio Lower Upper

84 100

49 83.2 103.6 155.4#

51 28.4 33.8 50.6#

86 51.6 49.4 74.0



#31

Cyclohexane

Concen: 1.042 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX037017.D

Acq: 16 Aug 2023 14:59

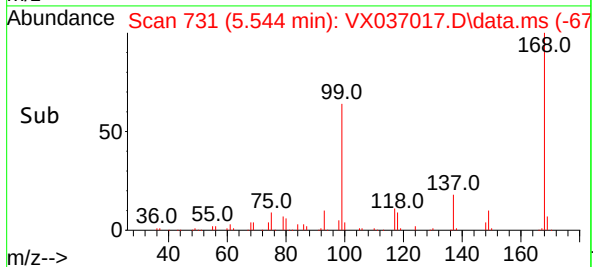
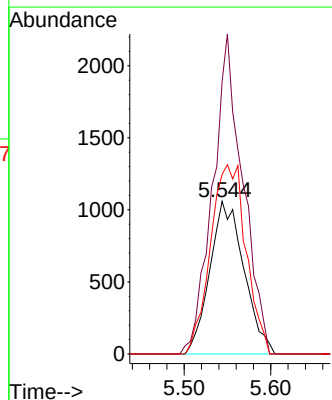
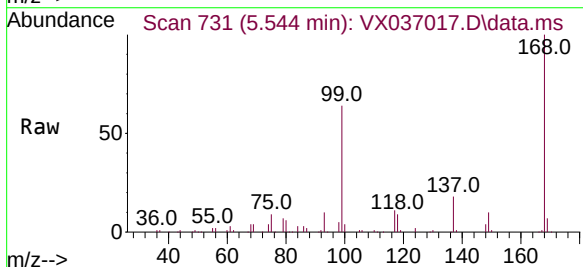
Tgt Ion: 56 Resp: 2900

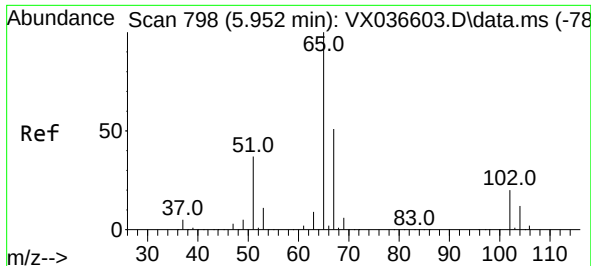
Ion Ratio Lower Upper

56 100

69 178.7 23.4 35.2#

84 117.7 65.9 98.9#

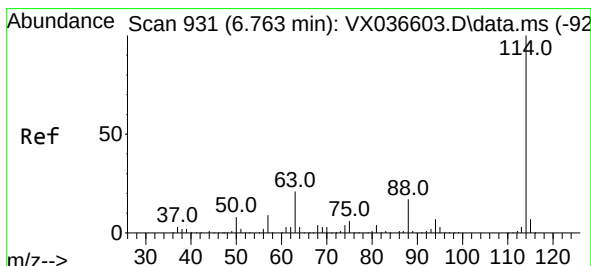
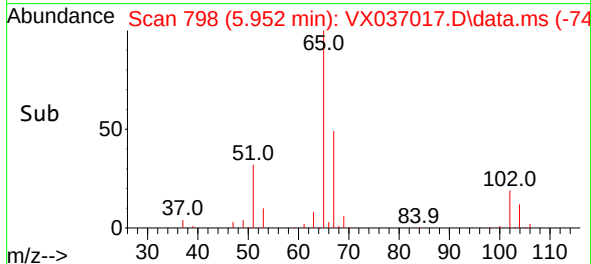
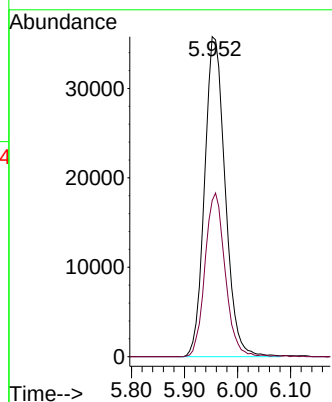
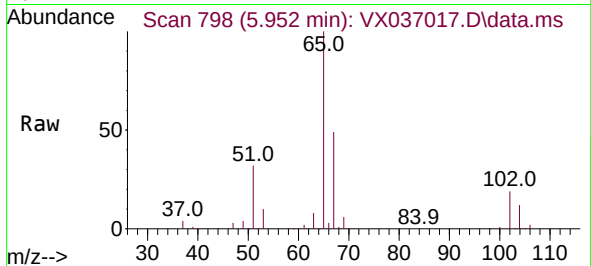




#33
 1,2-Dichloroethane-d4
 Concen: 48.118 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX037017.D
 Acq: 16 Aug 2023 14:59

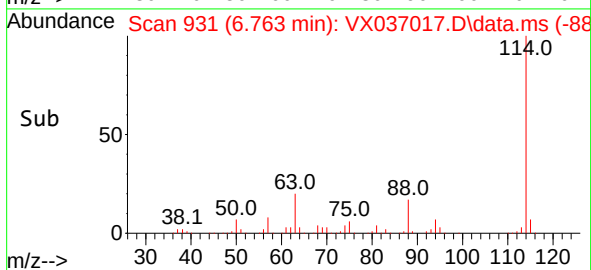
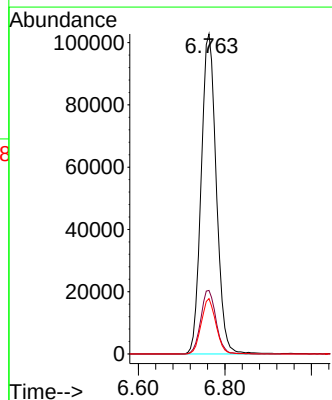
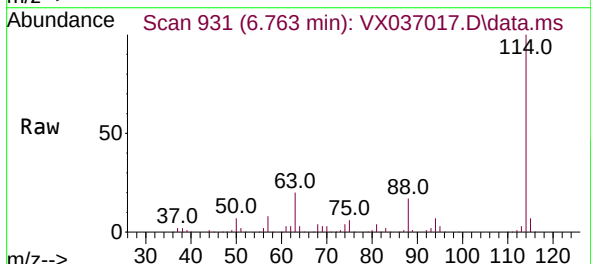
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20230815

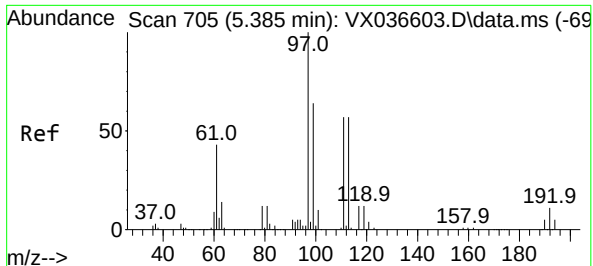
Tgt Ion: 65 Resp: 96675
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037017.D
 Acq: 16 Aug 2023 14:59

Tgt Ion: 114 Resp: 248709
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 45.0
 88 17.3 0.0 36.6

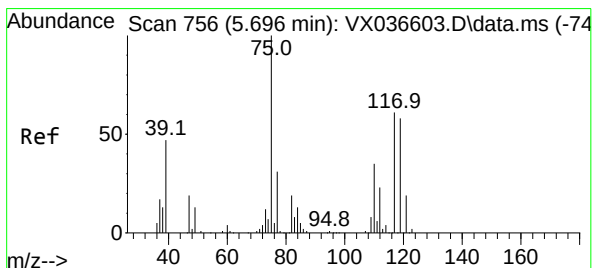
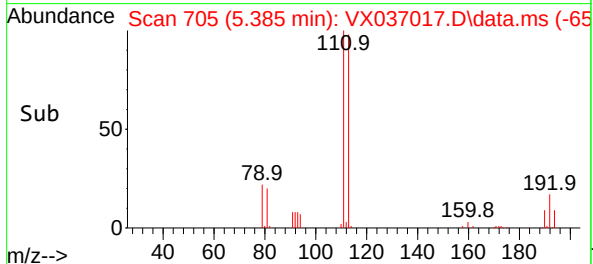
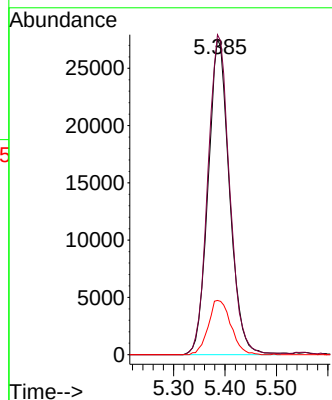
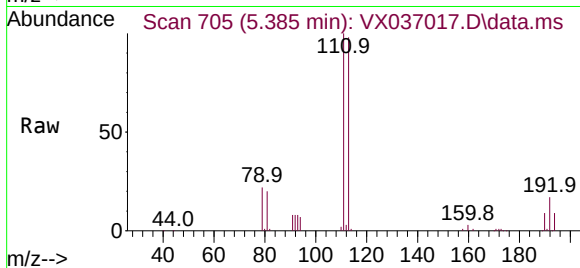




#35
 Dibromofluoromethane
 Concen: 46.392 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX037017.D
 Acq: 16 Aug 2023 14:59

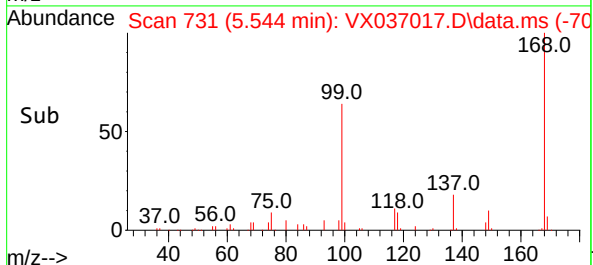
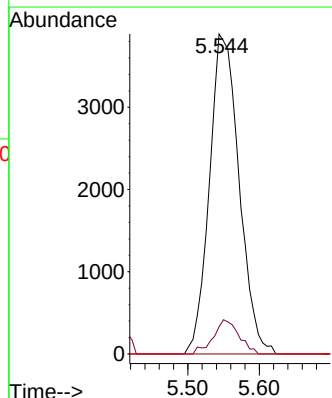
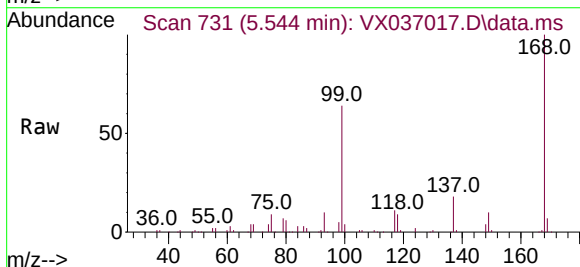
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20230815

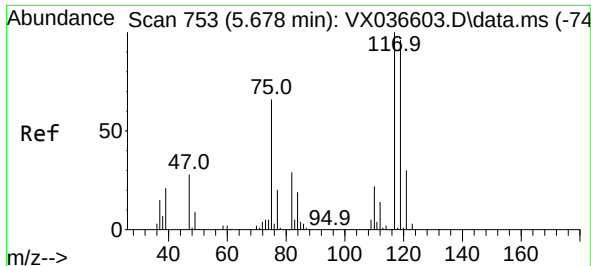
Tgt Ion:	113	Resp:	79306
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	18.3	13.3	19.9



#36
 1,1-Dichloropropene
 Concen: 4.400 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.152 min
 Lab File: VX037017.D
 Acq: 16 Aug 2023 14:59

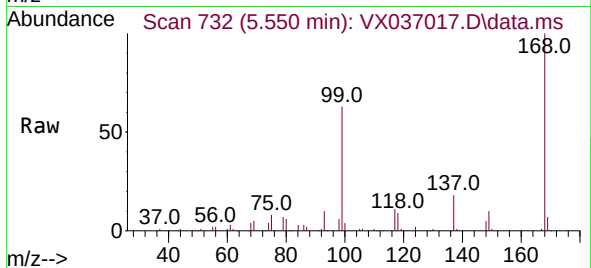
Tgt Ion:	75	Resp:	11212
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.0	50.9#
77	0.0	24.7	37.1#



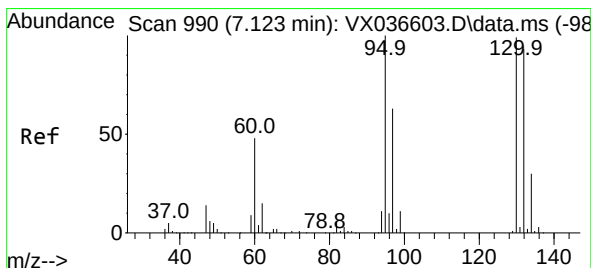
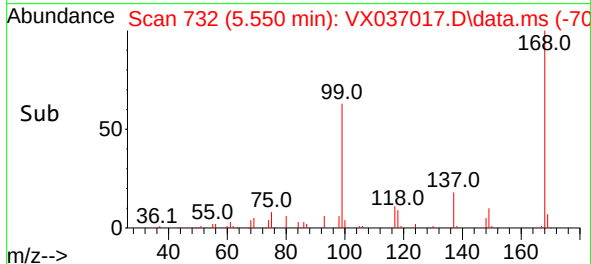
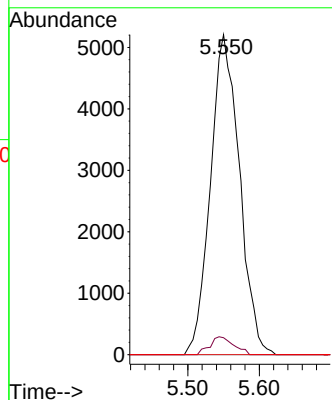


#38
Carbon Tetrachloride
Concen: 5.414 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230815

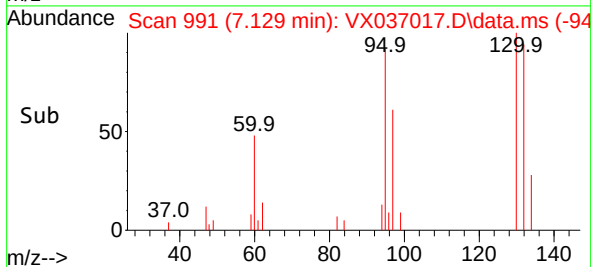
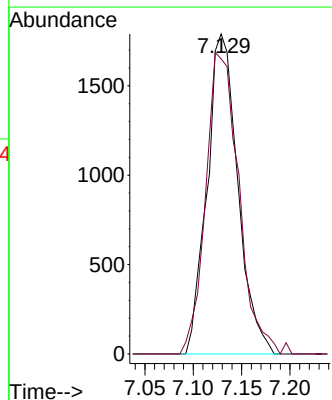
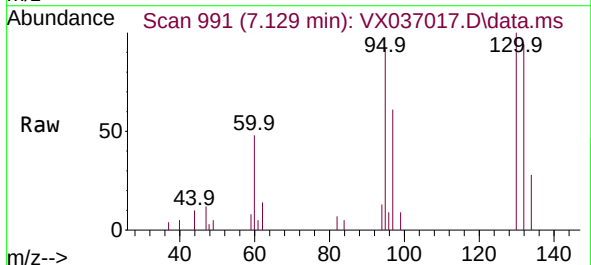


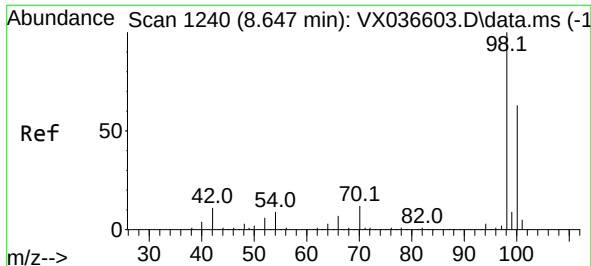
Tgt Ion:117 Resp: 14666
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 2.044 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

Tgt Ion:130 Resp: 3961
Ion Ratio Lower Upper
130 100
95 92.2 0.0 204.4

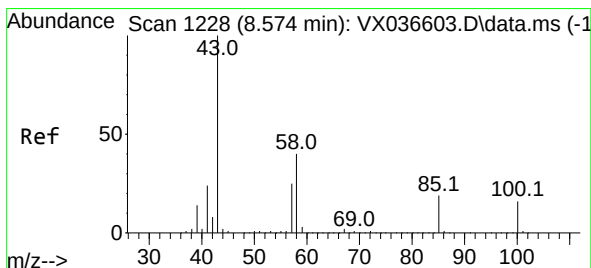
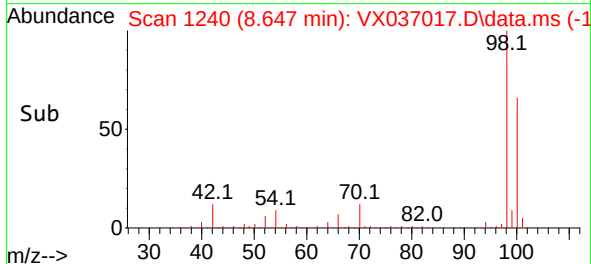
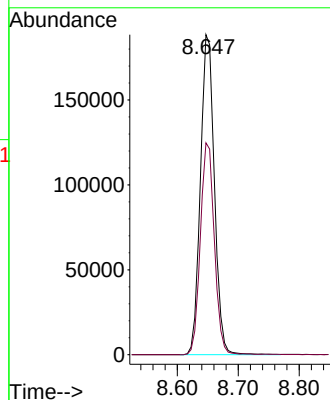
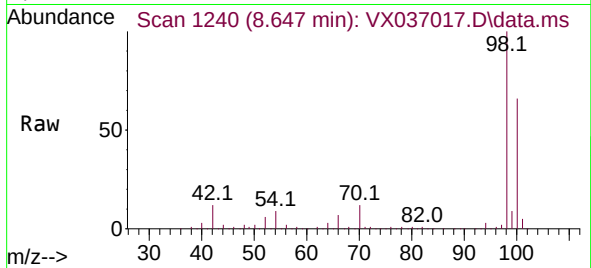




#50
Toluene-d8
Concen: 49.542 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

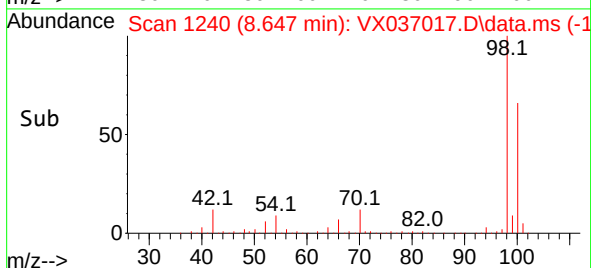
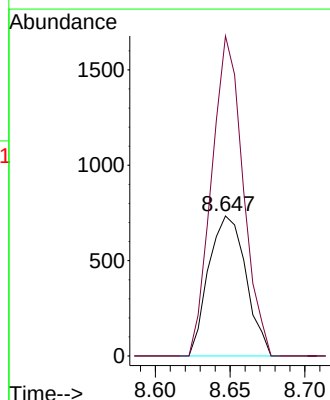
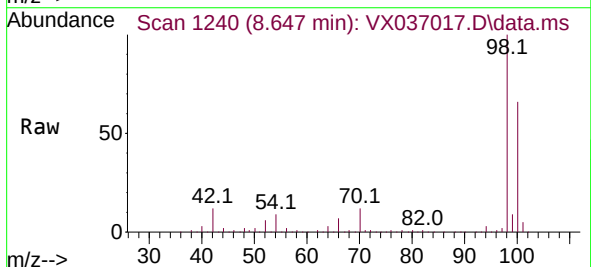
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230815

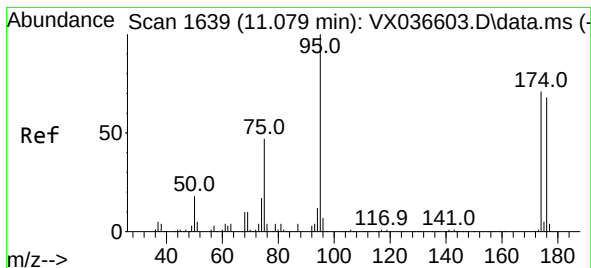
Tgt Ion: 98 Resp: 300333
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
58 192.9 30.4 45.6#

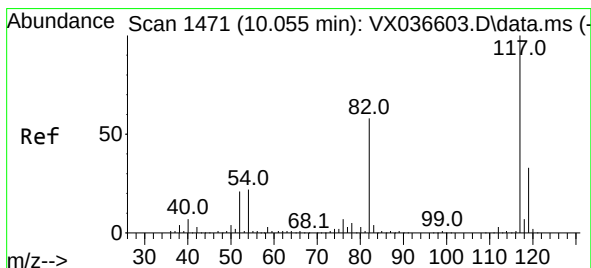
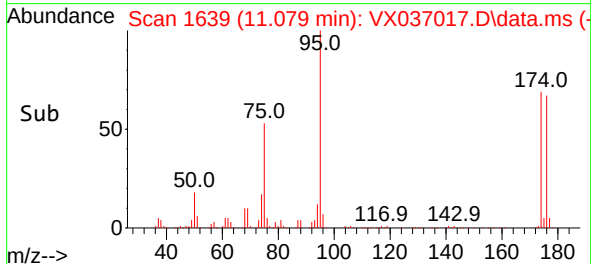
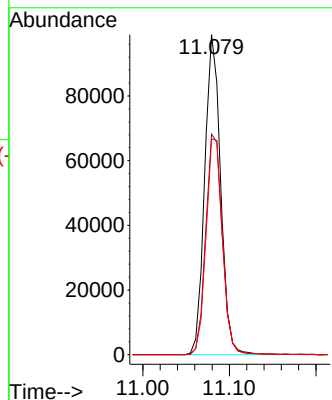
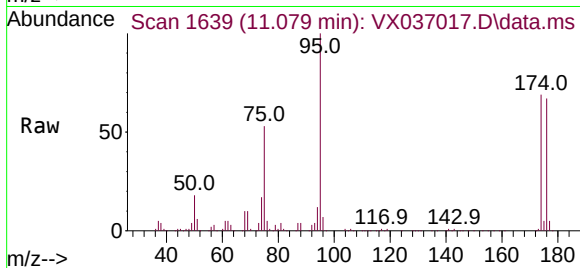




#62
4-Bromofluorobenzene
Concen: 55.235 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

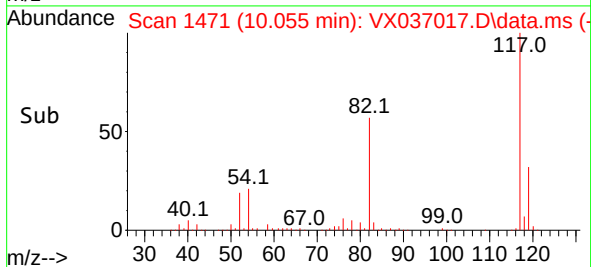
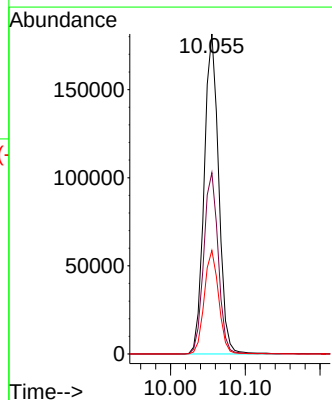
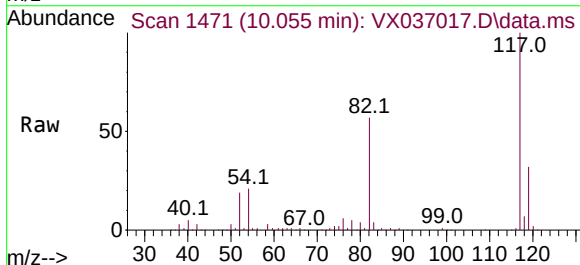
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230815

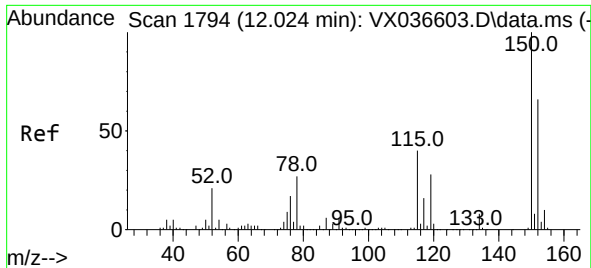
Tgt Ion: 95 Resp: 126333
Ion Ratio Lower Upper
95 100
174 71.9 0.0 135.6
176 69.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

Tgt Ion: 117 Resp: 244820
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.4 25.5 38.3

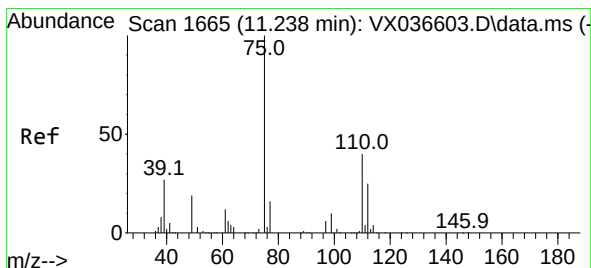
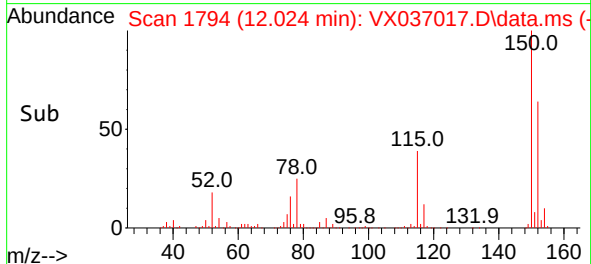
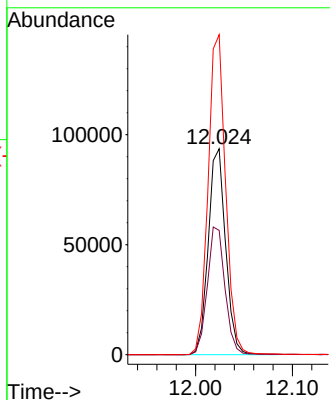
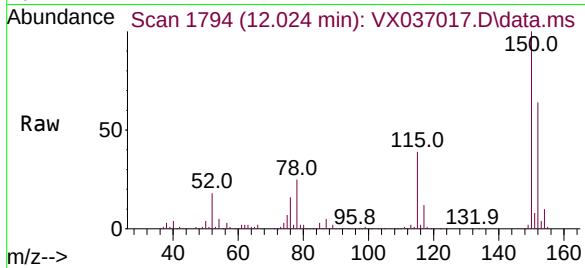




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037017.D
 Acq: 16 Aug 2023 14:59

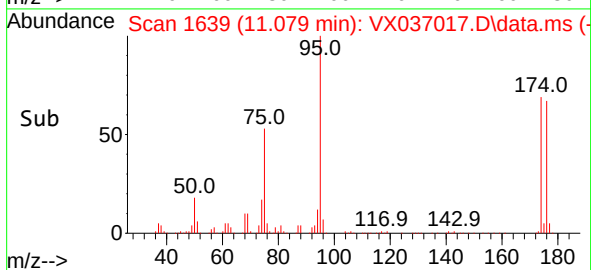
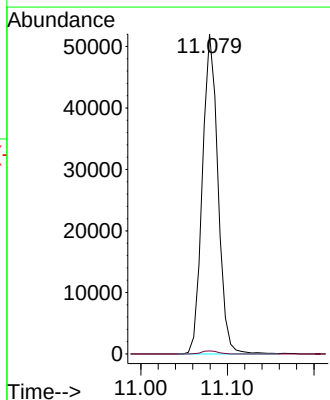
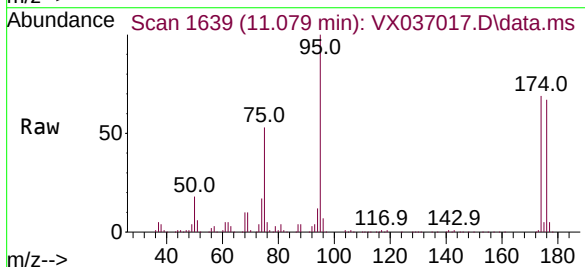
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20230815

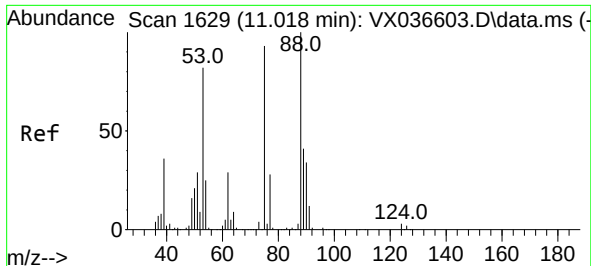
Tgt Ion:152 Resp: 117418
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.3 129.9
 150 156.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 23.549 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037017.D
 Acq: 16 Aug 2023 14:59

Tgt Ion: 75 Resp: 65038
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

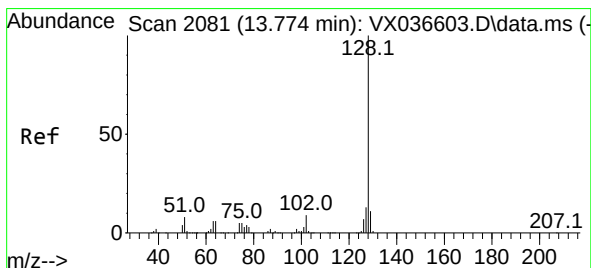
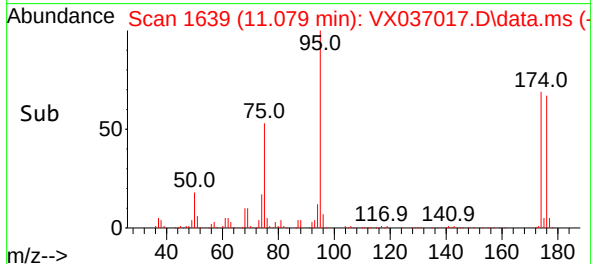
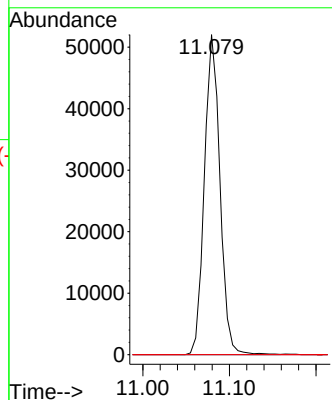
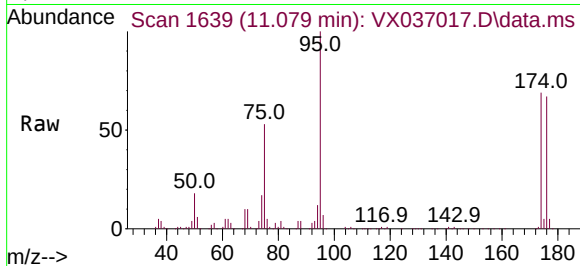




#81
trans-1,4-Dichloro-2-butene
Concen: 53.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230815

Tgt Ion: 75 Resp: 65038
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.235 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

Tgt Ion: 128 Resp: 1996
Ion Ratio Lower Upper
128 100
127 10.0 10.3 15.5#
129 8.7 8.8 13.2#

