

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036682.D
 Acq On : 27 Jul 2023 17:30
 Operator : JC/MD
 Sample : 03810-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 06:14:53 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)

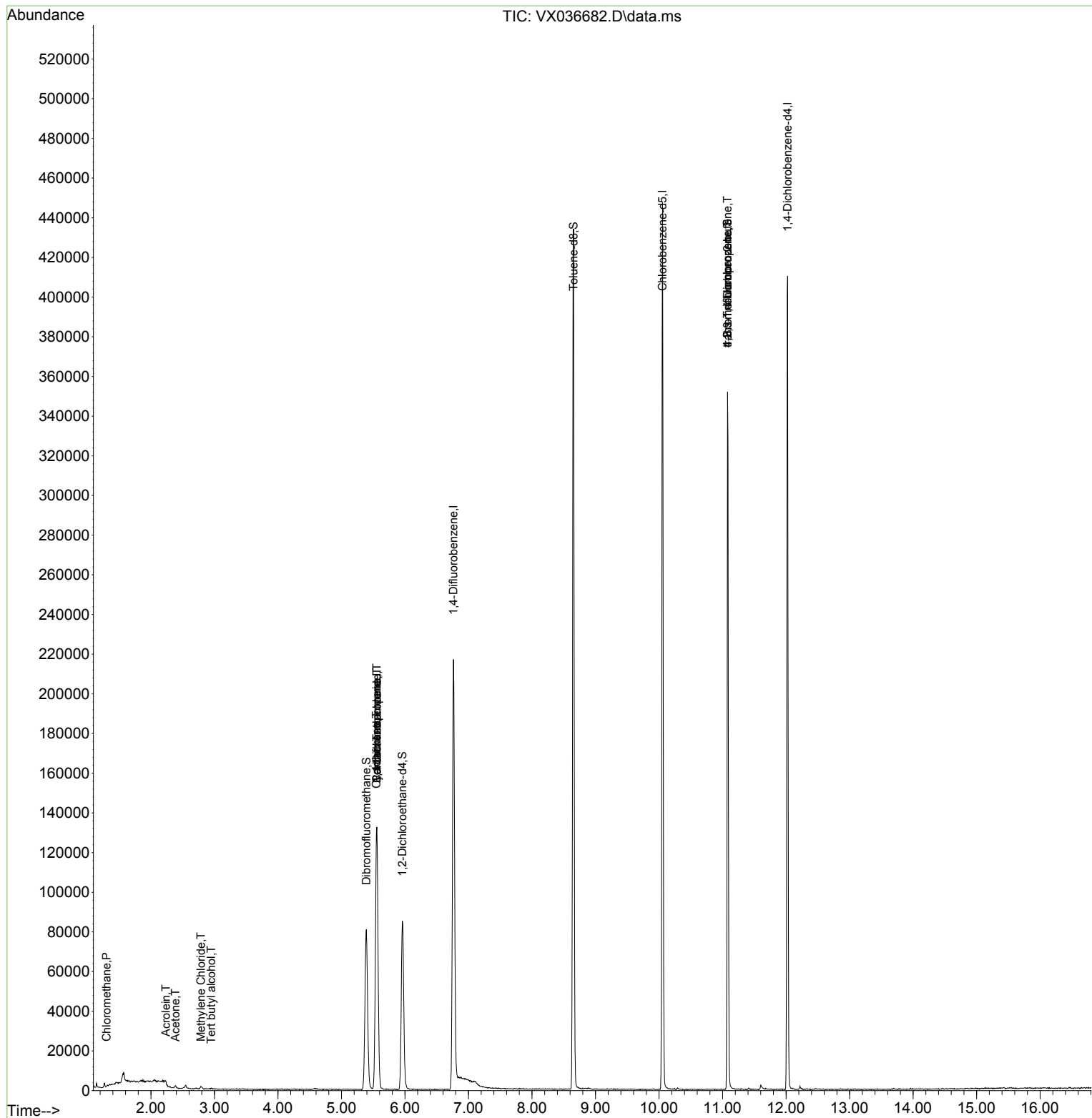
Internal Standards						
1) Pentafluorobenzene	5.556	168	122741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82928	45.662	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.320%
35) Dibromofluoromethane	5.391	113	70904	47.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	8.653	98	262006	49.173	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.340%
62) 4-Bromofluorobenzene	11.079	95	95076	47.295	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	305	0.207	ug/l #	43
11) Tert butyl alcohol	2.947	59	159	0.370	ug/l #	78
13) Acrolein	2.233	56	286	1.166	ug/l #	14
16) Acetone	2.386	43	1406	1.866	ug/l #	73
20) Methylene Chloride	2.788	84	657	0.392	ug/l #	81
31) Cyclohexane	5.550	56	3061	1.217	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	9994	4.463	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13033	5.474	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	49455	24.461	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49455	55.441	ug/l #	5

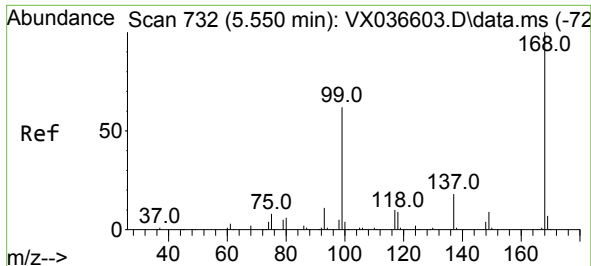
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 28 06:14:53 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

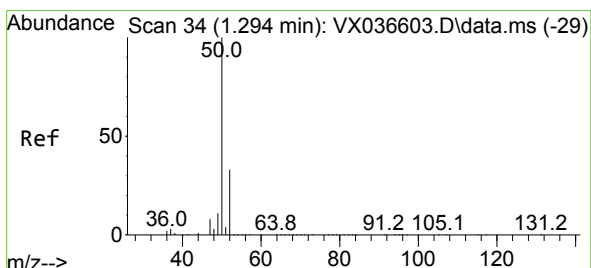
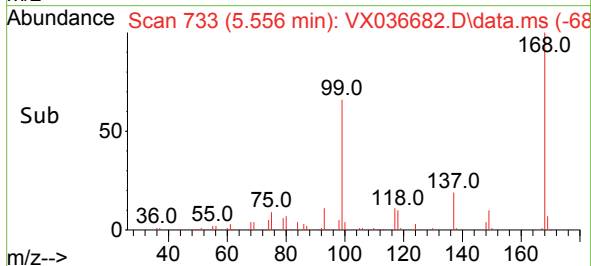
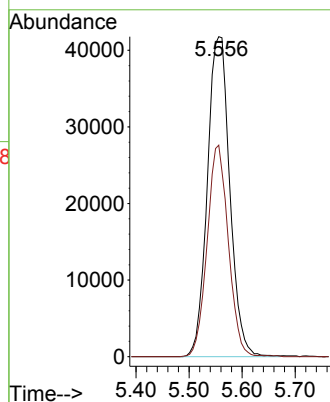
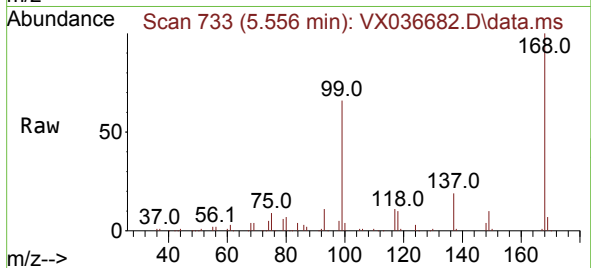




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

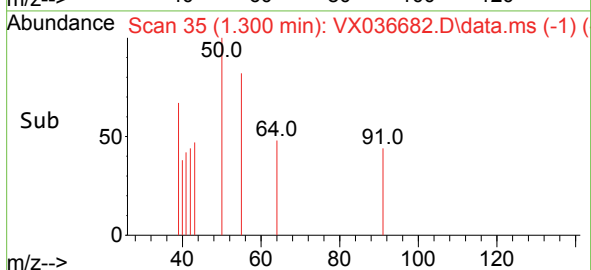
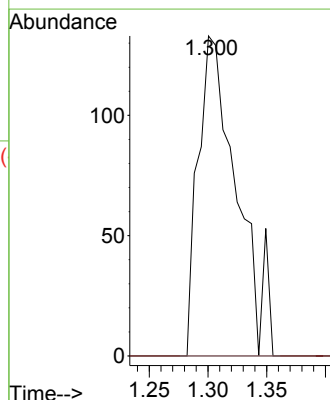
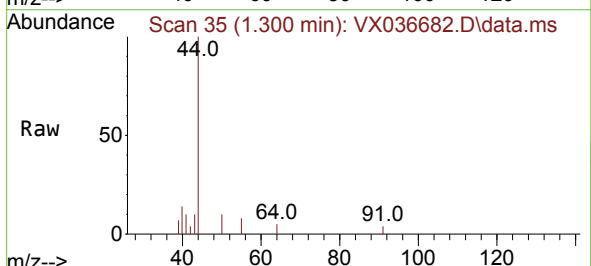
Instrument :
MSVOA_X
ClientSampleId :

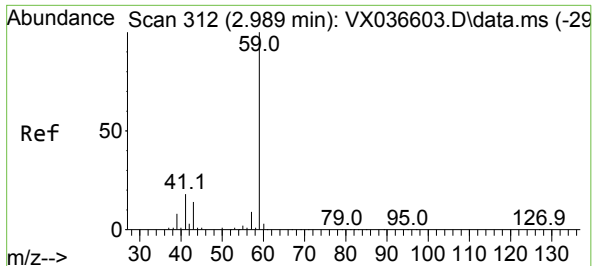
Tgt Ion:168 Resp: 122741
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0



#3
Chloromethane
Concen: 0.207 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

Tgt Ion: 50 Resp: 305
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#11

Tert butyl alcohol

Concen: 0.370 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.043 min

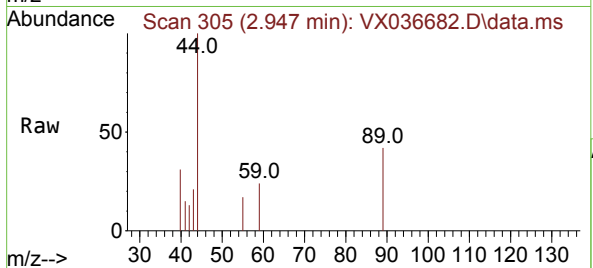
Lab File: VX036682.D

Acq: 27 Jul 2023 17:30

Instrument :

MSVOA_X

ClientSampleId :

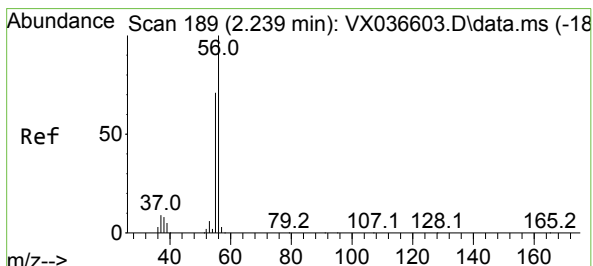
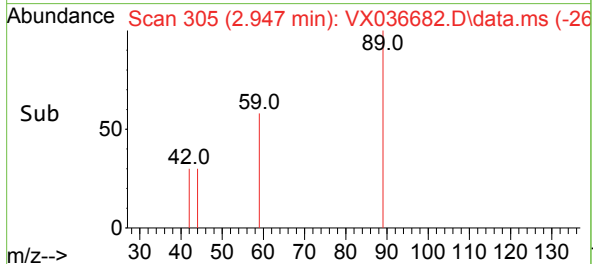
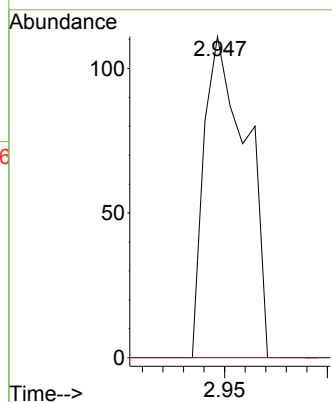


Tgt Ion: 59 Resp: 159

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 1.166 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX036682.D

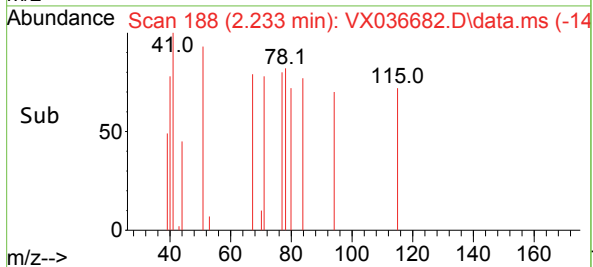
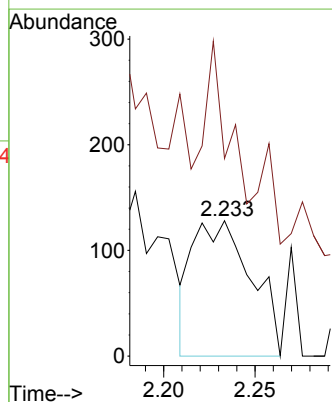
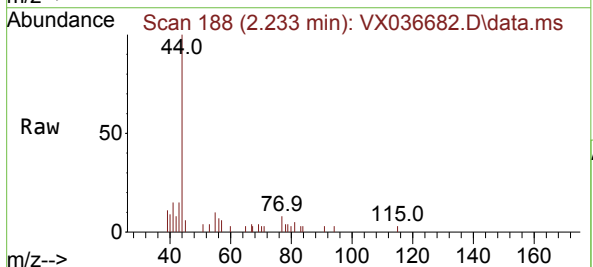
Acq: 27 Jul 2023 17:30

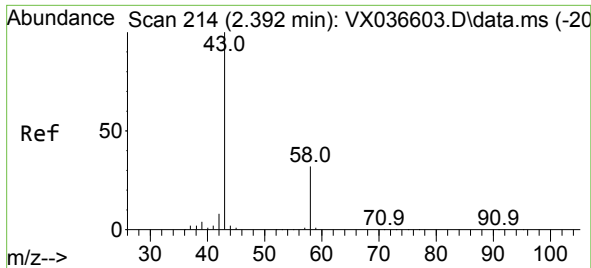
Tgt Ion: 56 Resp: 286

Ion Ratio Lower Upper

56 100

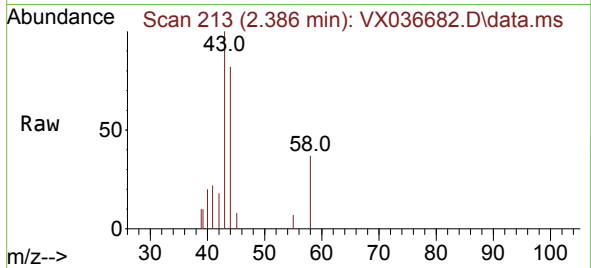
55 0.0 57.1 85.7#



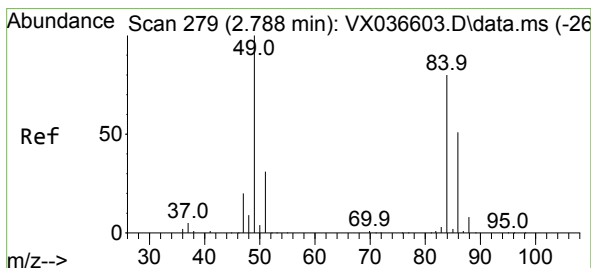
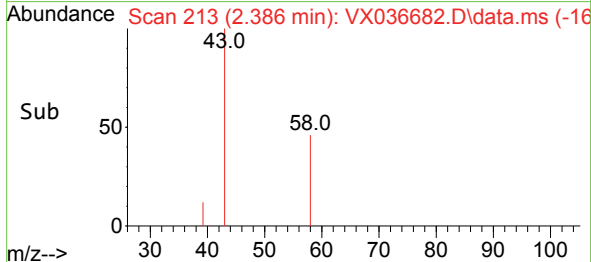
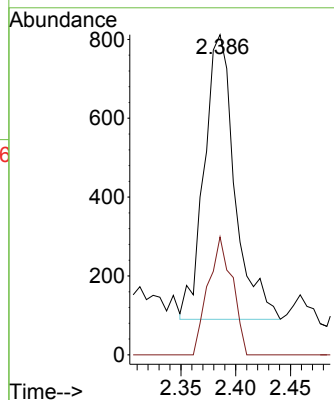


#16
Acetone
Concen: 1.866 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :

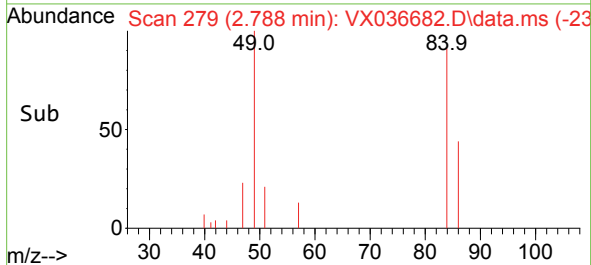
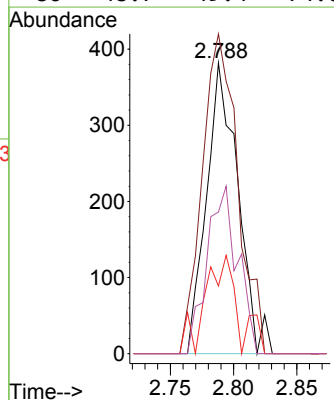
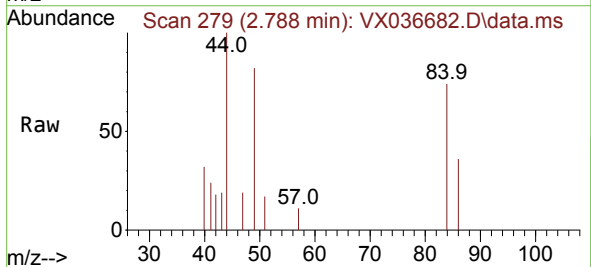


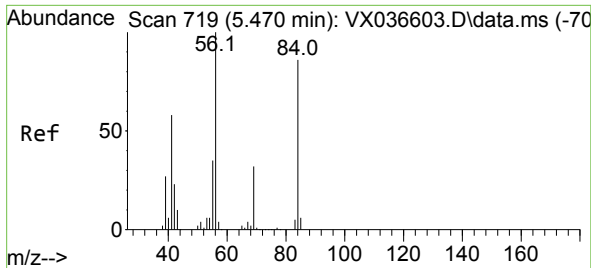
Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
58 41.4 21.9 32.9#



#20
Methylene Chloride
Concen: 0.392 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

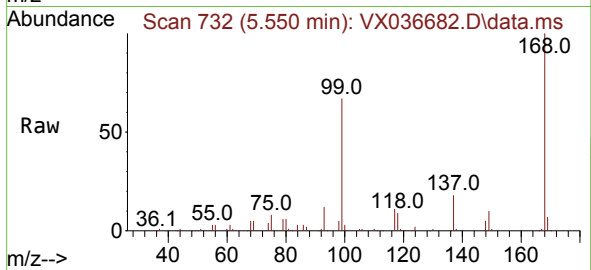
Tgt Ion: 84 Resp: 657
Ion Ratio Lower Upper
84 100
49 109.9 103.6 155.4
51 23.3 33.8 50.6#
86 48.7 49.4 74.0#



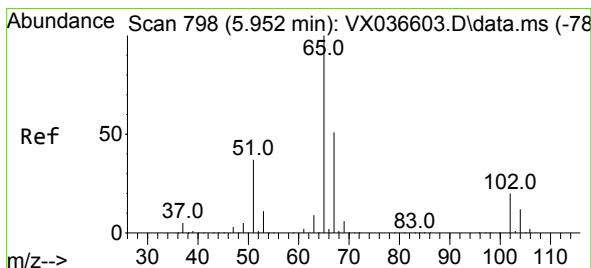
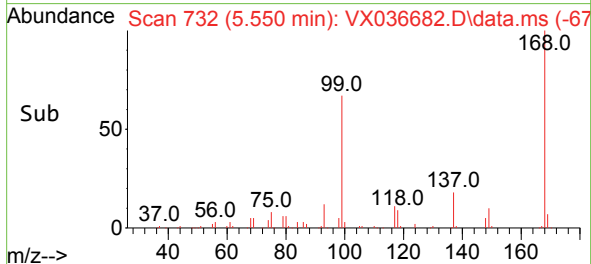
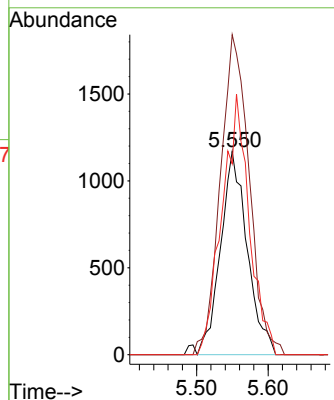


#31
Cyclohexane
Concen: 1.217 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :

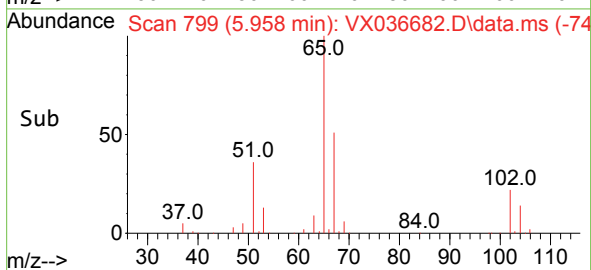
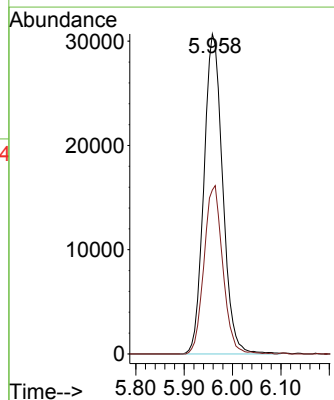
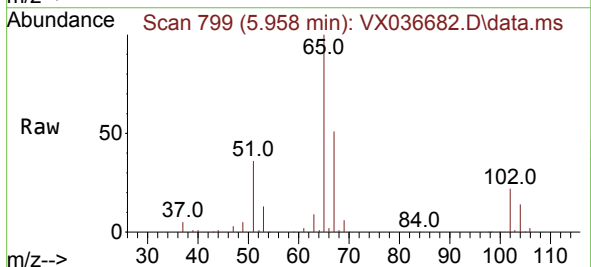


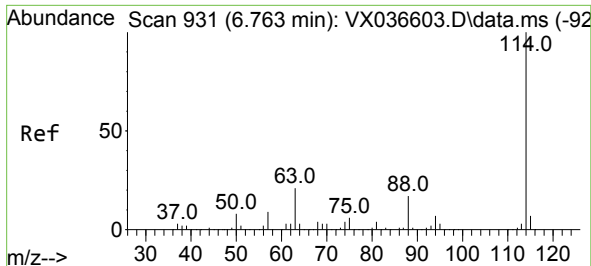
Tgt Ion: 56 Resp: 3061
Ion Ratio Lower Upper
56 100
69 157.4 23.4 35.2#
84 93.8 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.662 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

Tgt Ion: 65 Resp: 82928
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

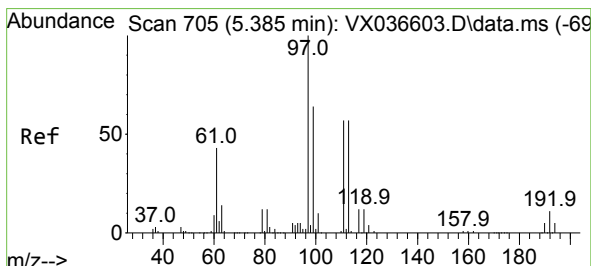
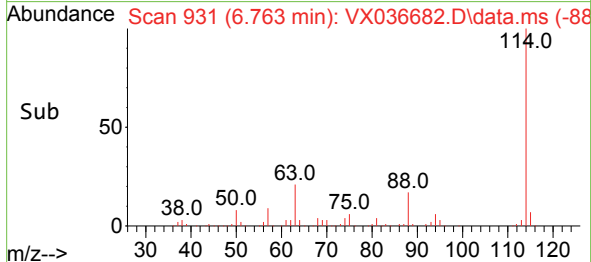
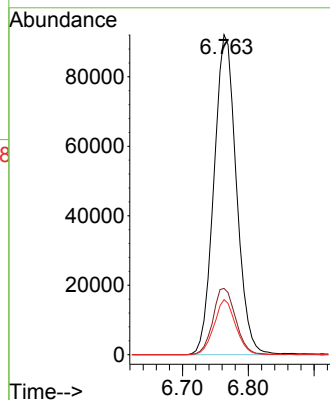
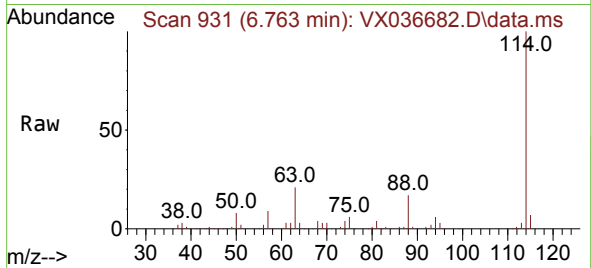




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

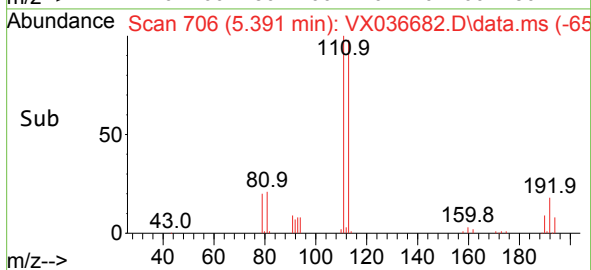
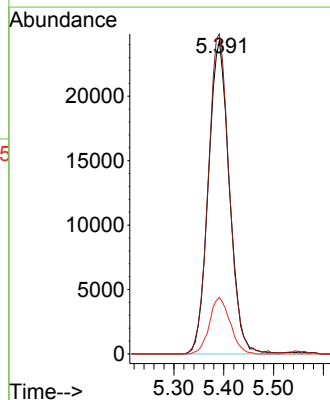
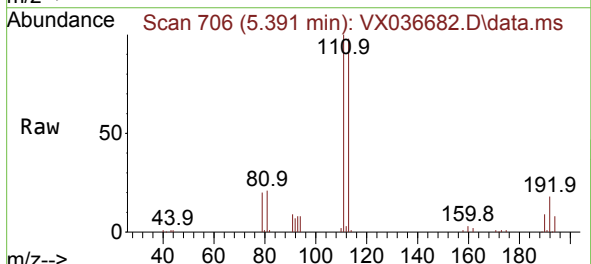
Instrument :
MSVOA_X
ClientSampleId :

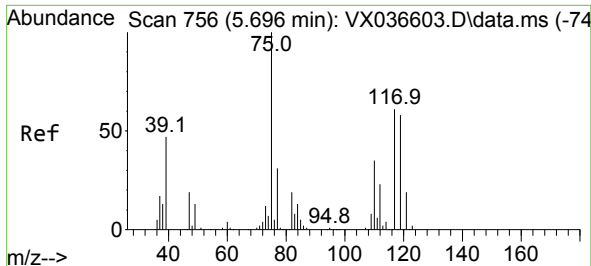
Tgt Ion:114 Resp: 218599
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.190 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

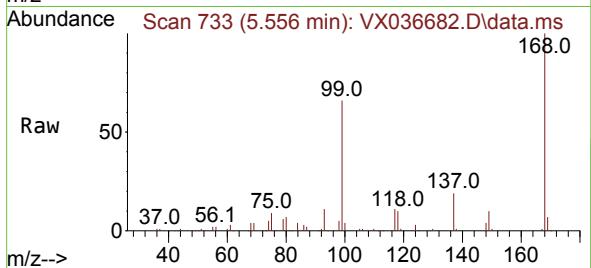
Tgt Ion:113 Resp: 70904
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 17.9 13.3 19.9



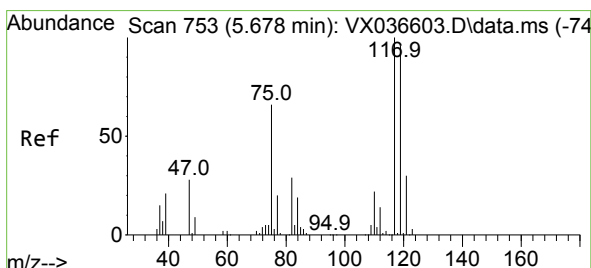
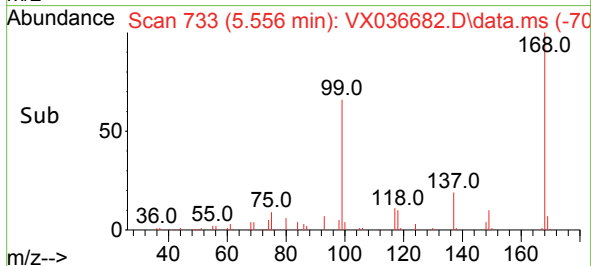
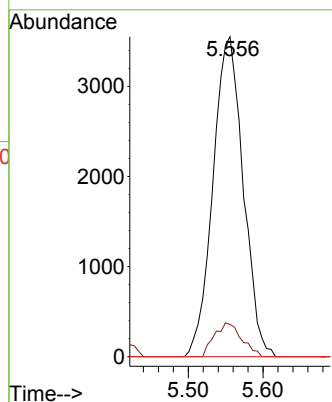


#36
1,1-Dichloropropene
Concen: 4.463 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :

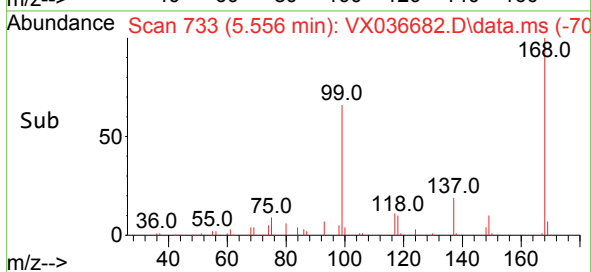
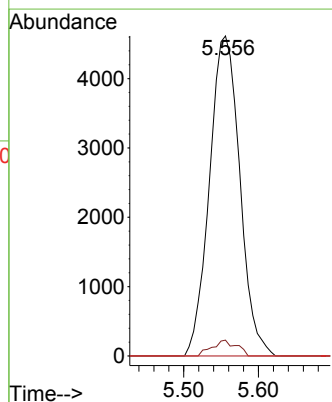
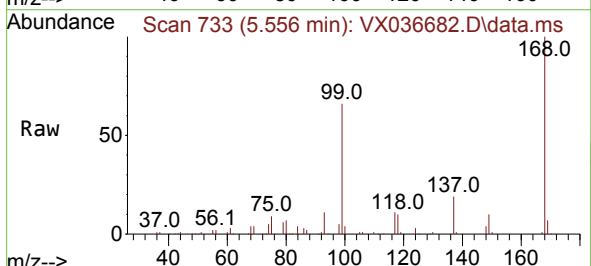


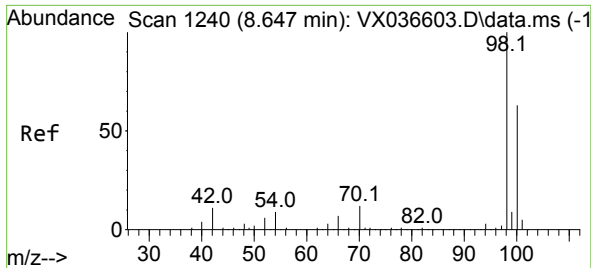
Tgt Ion: 75 Resp: 9994
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.474 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

Tgt Ion: 117 Resp: 13033
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#

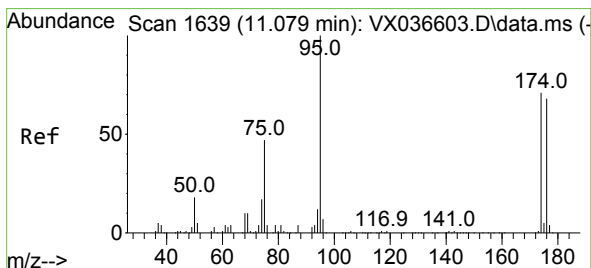
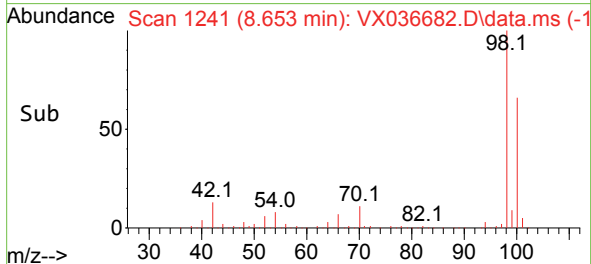
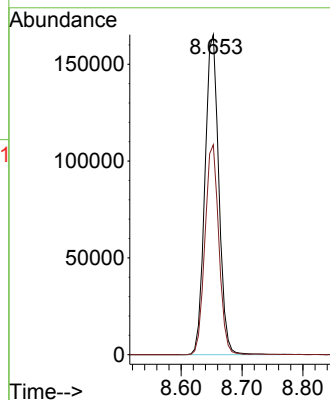
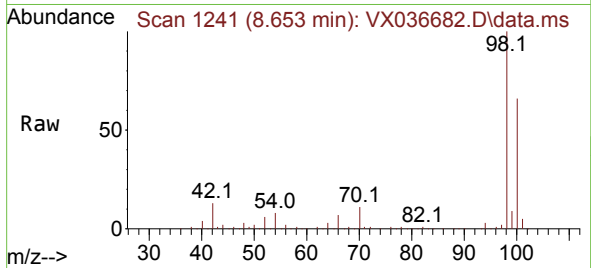




#50
Toluene-d8
Concen: 49.173 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

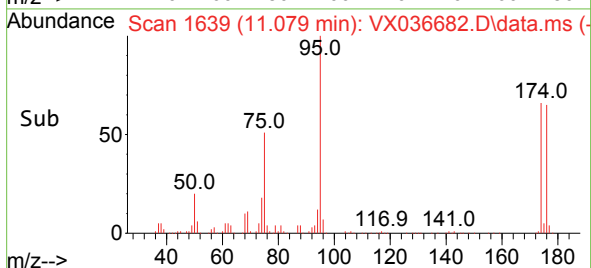
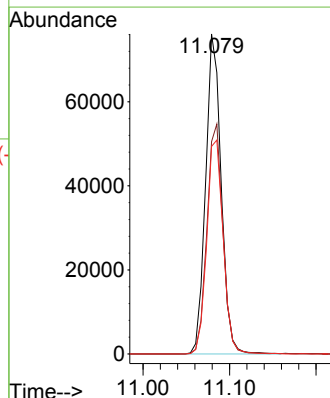
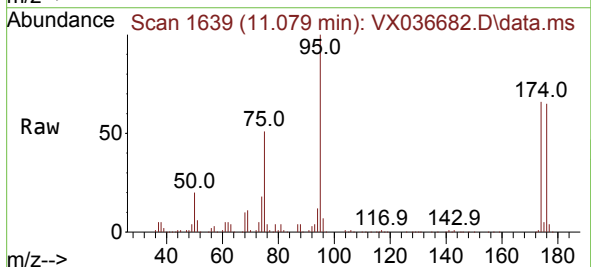
Instrument :
MSVOA_X
ClientSampleId :

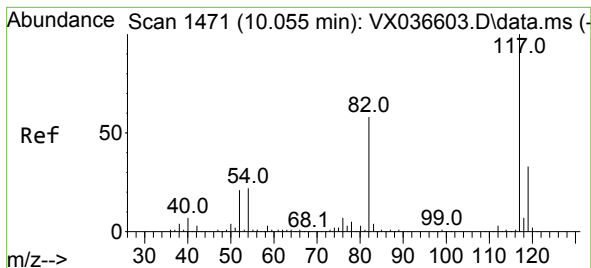
Tgt Ion: 98 Resp: 262006
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.295 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

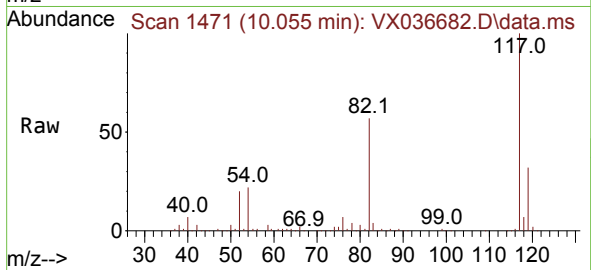
Tgt Ion: 95 Resp: 95076
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 70.6 0.0 131.0



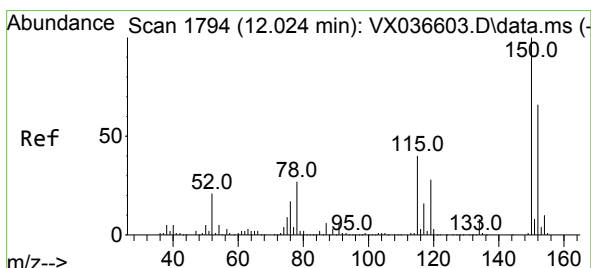
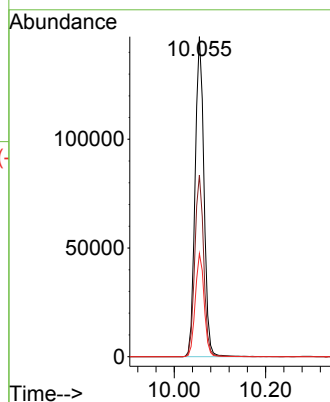
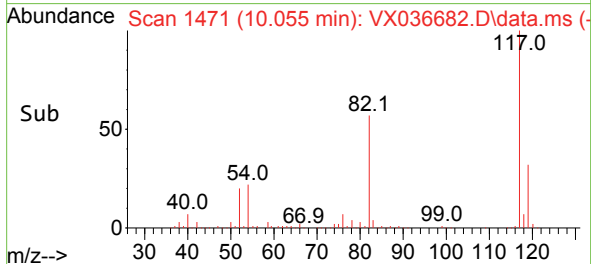


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :

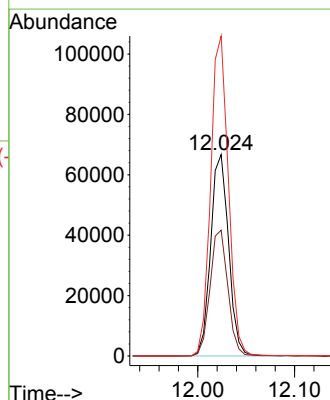
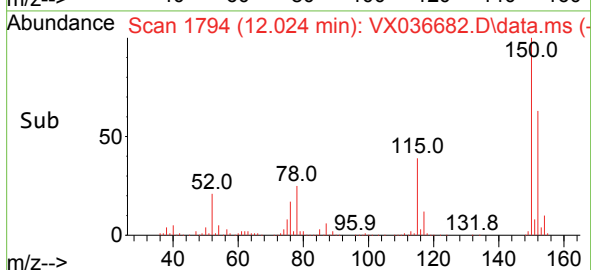
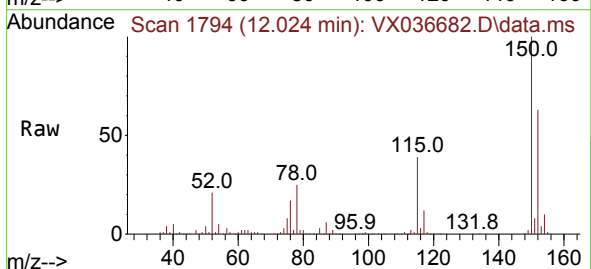


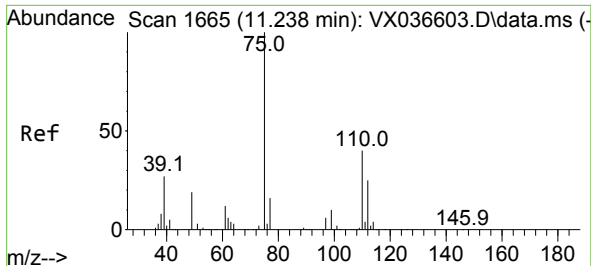
Tgt Ion:117 Resp: 197339
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

Tgt Ion:152 Resp: 85958
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 156.9 0.0 345.0

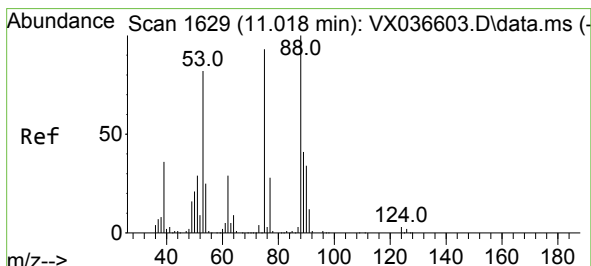
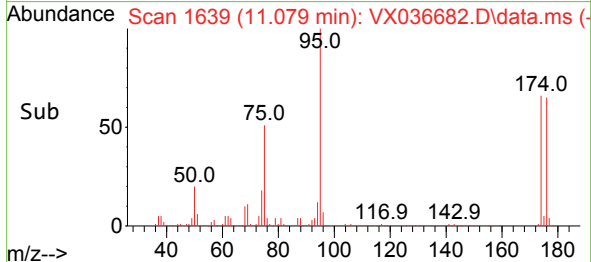
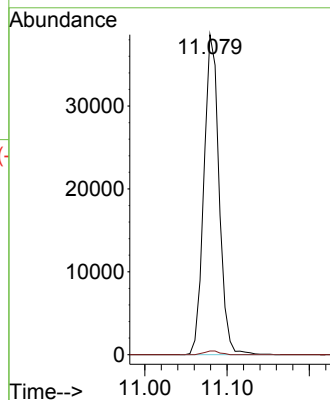
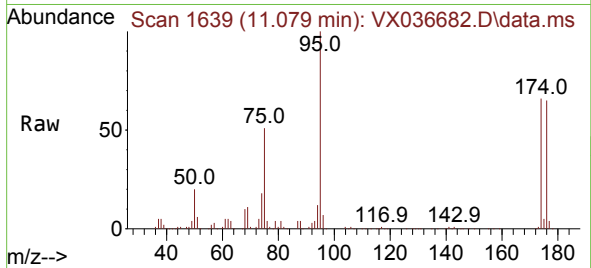




#76
1,2,3-Trichloropropane
Concen: 24.461 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 49455
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036682.D
Acq: 27 Jul 2023 17:30

Tgt Ion: 75 Resp: 49455
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

