

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037627.D
 Acq On : 09 Sep 2023 14:59
 Operator : JC/MD
 Sample : 04315-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 11 01:22:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

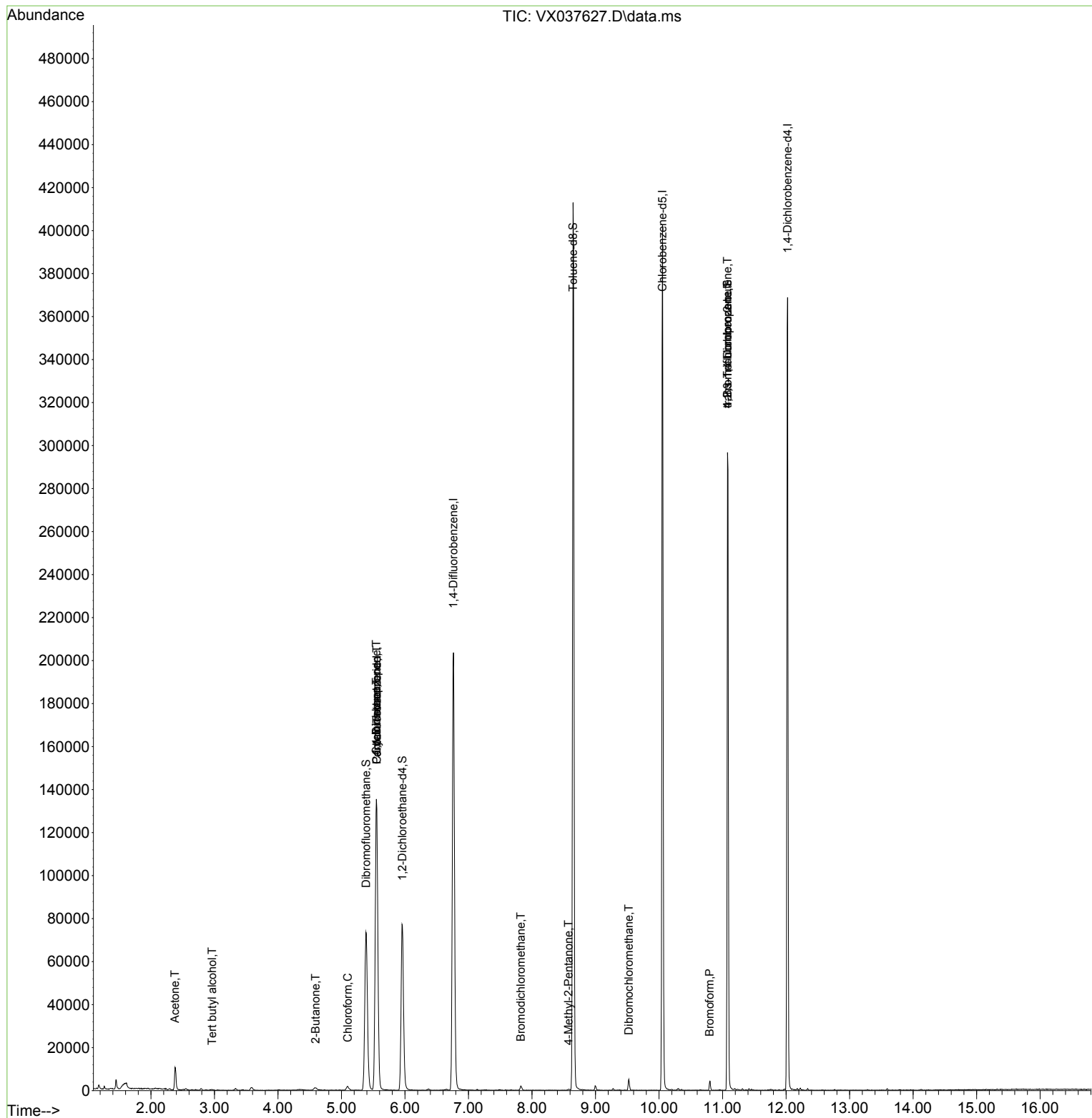
Internal Standards						
1) Pentafluorobenzene	5.556	168	133249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75951	42.226	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.460%
35) Dibromofluoromethane	5.385	113	67782	43.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.480%
50) Toluene-d8	8.647	98	258811	45.540	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.080%#
62) 4-Bromofluorobenzene	11.079	95	89697	41.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	420	1.043	ug/l #	78
16) Acetone	2.380	43	11444	15.471	ug/l #	87
20) Methylene Chloride	2.788	84	386	Below Cal	#	64
25) 2-Butanone	4.593	43	1596	1.423	ug/l #	79
30) Chloroform	5.099	83	2395	0.806	ug/l	93
31) Cyclohexane	5.550	56	2354	1.076	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9723	4.750	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13548	6.404	ug/l #	15
47) Bromodichloromethane	7.824	83	1598	0.755	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	827	0.414	ug/l #	37
60) Dibromochloromethane	9.525	129	2467	1.457	ug/l	97
71) Bromoform	10.799	173	1755	1.703	ug/l #	96
76) 1,2,3-Trichloropropane	11.079	75	41589	21.465	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41589	64.144	ug/l #	5

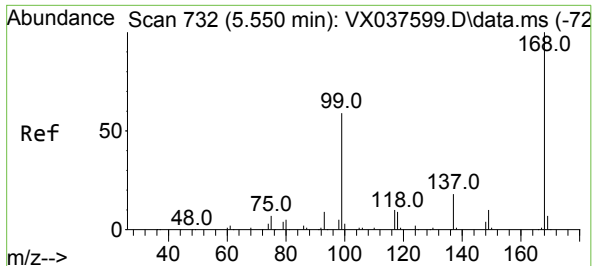
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
Data File : VX037627.D
Acq On : 09 Sep 2023 14:59
Operator : JC/MD
Sample : 04315-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 11 01:22:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 09 06:38:11 2023
Response via : Initial Calibration

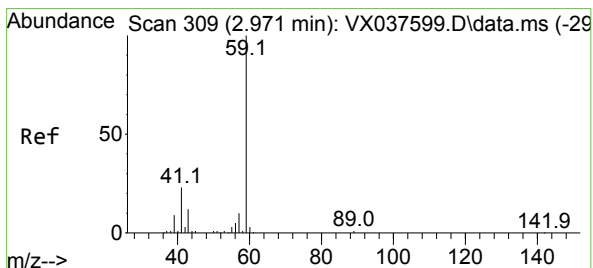
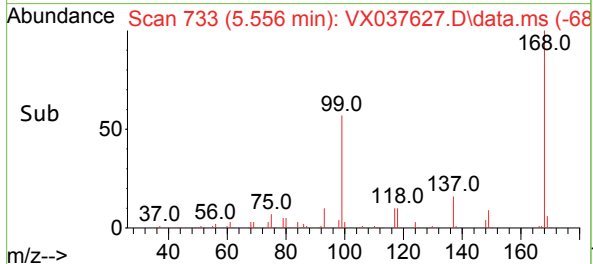
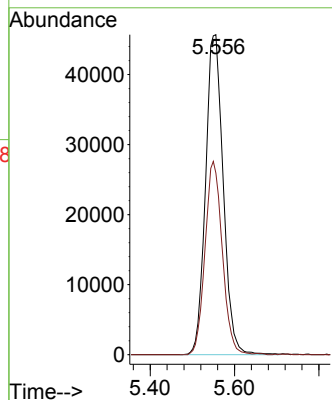
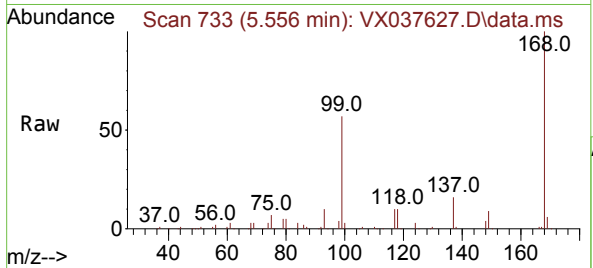




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

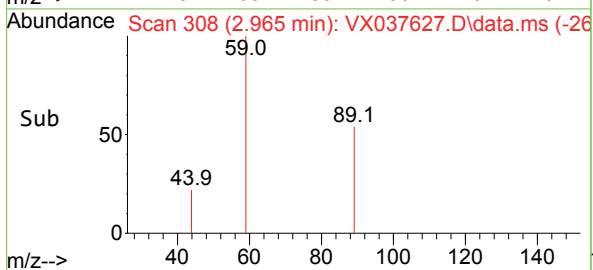
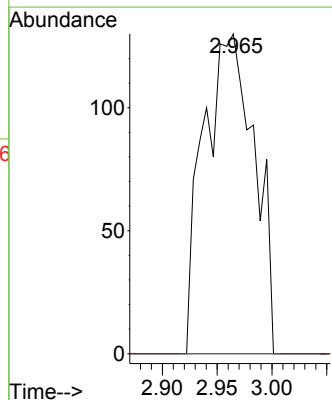
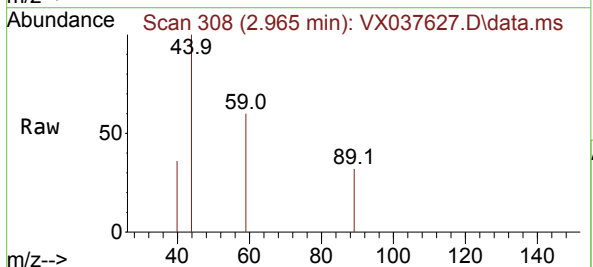
Instrument :
MSVOA_X
ClientSampleId :

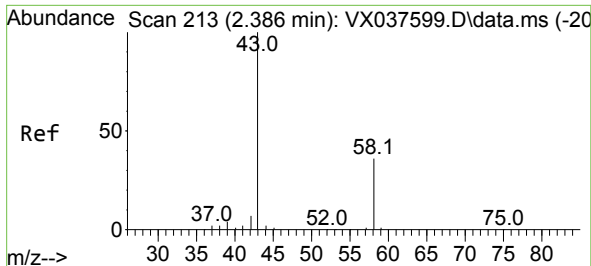
Tgt Ion:168 Resp: 133249
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.043 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

Tgt Ion: 59 Resp: 420
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

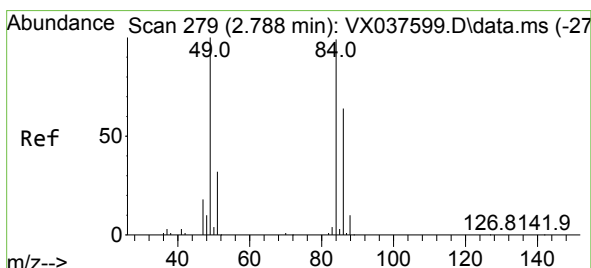
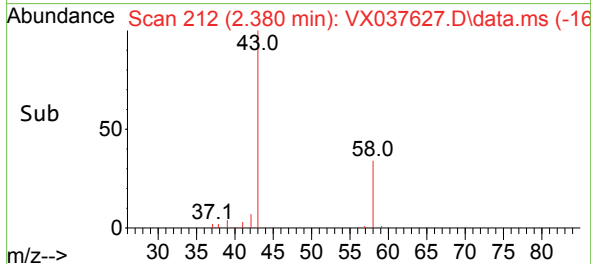
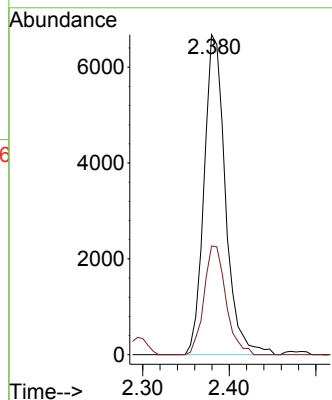
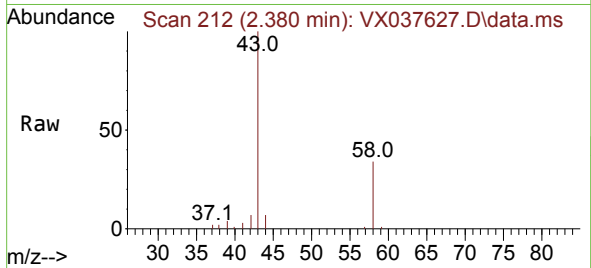




#16
Acetone
Concen: 15.471 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

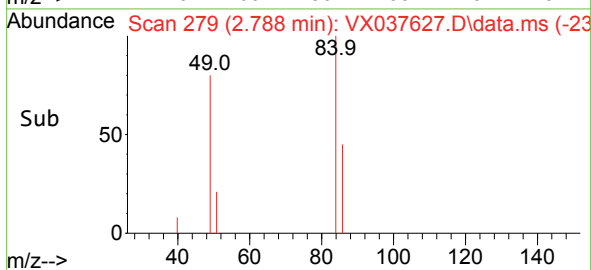
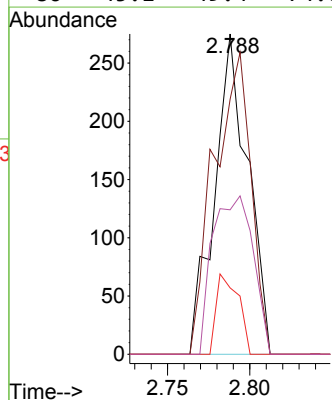
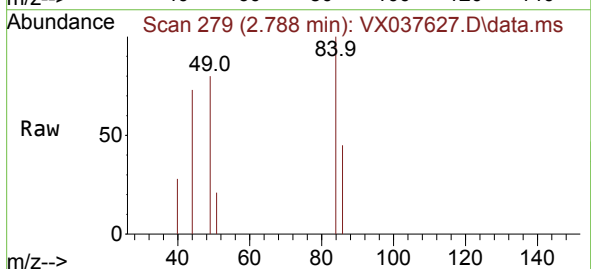
Instrument :
MSVOA_X
ClientSampleId :

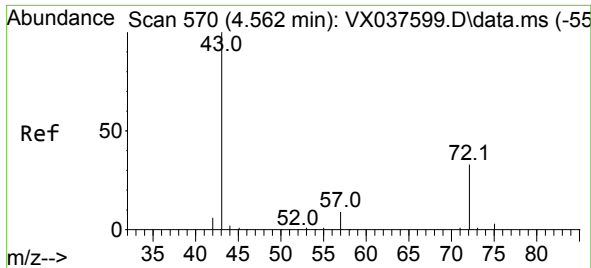
Tgt Ion: 43 Resp: 11444
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

Tgt Ion: 84 Resp: 386
Ion Ratio Lower Upper
84 100
49 79.6 103.6 155.4#
51 20.7 33.8 50.6#
86 45.1 49.4 74.0#

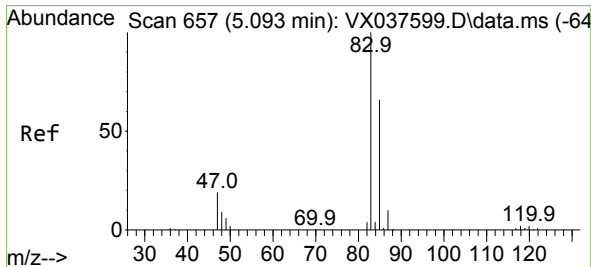
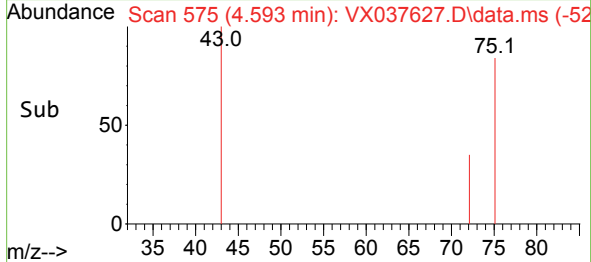
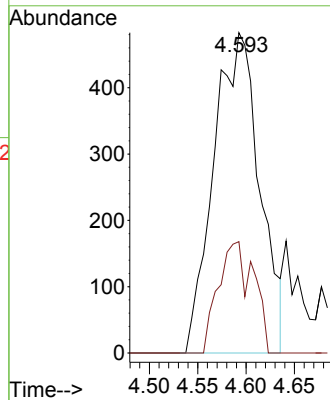
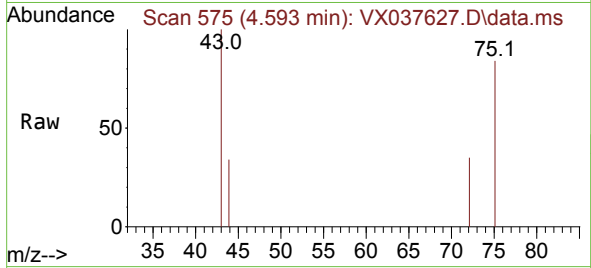




#25
2-Butanone
Concen: 1.423 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

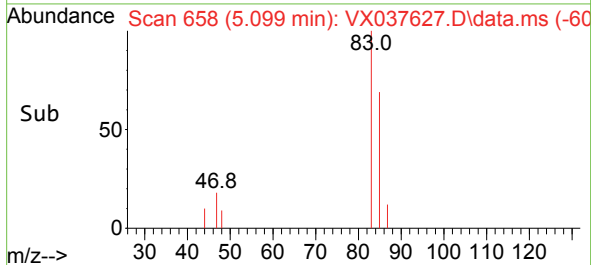
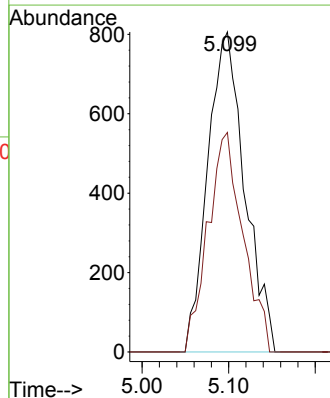
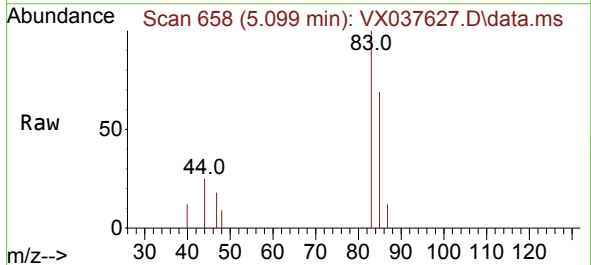
Instrument :
MSVOA_X
ClientSampleId :

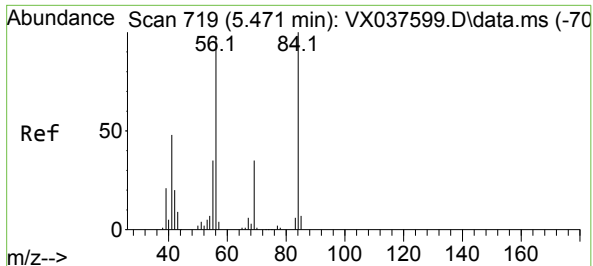
Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
72 34.8 19.4 29.2#



#30
Chloroform
Concen: 0.806 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

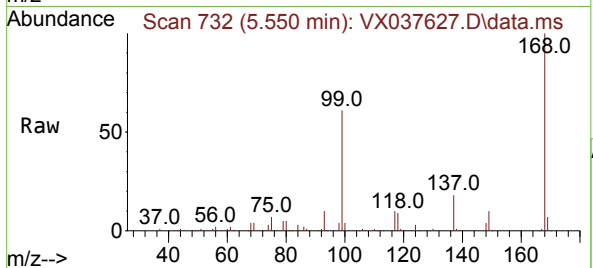
Tgt Ion: 83 Resp: 2395
Ion Ratio Lower Upper
83 100
85 68.6 50.3 75.5



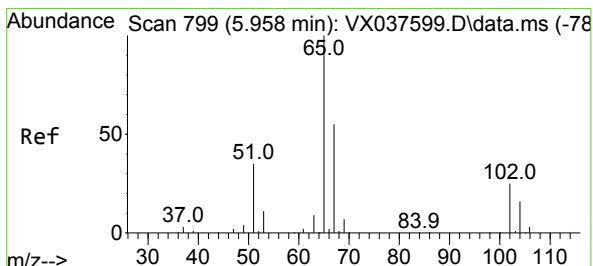
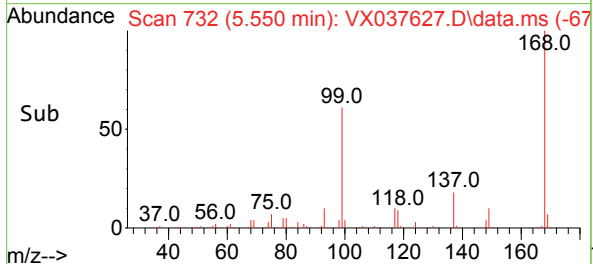
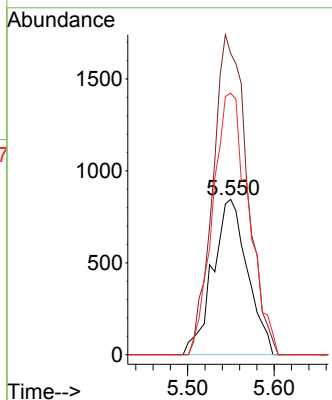


#31
Cyclohexane
Concen: 1.076 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

Instrument :
MSVOA_X
ClientSampleId :

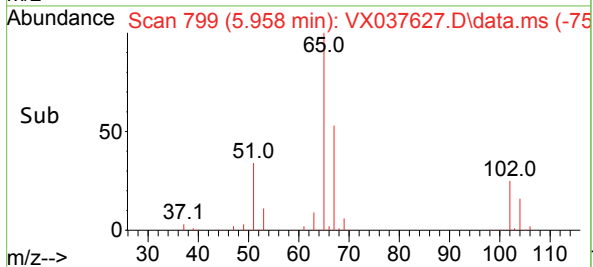
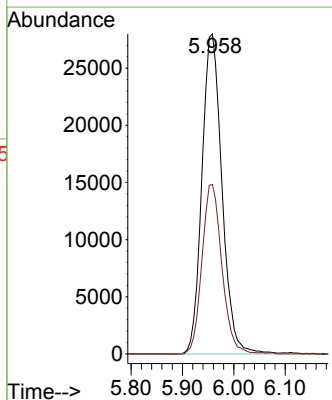
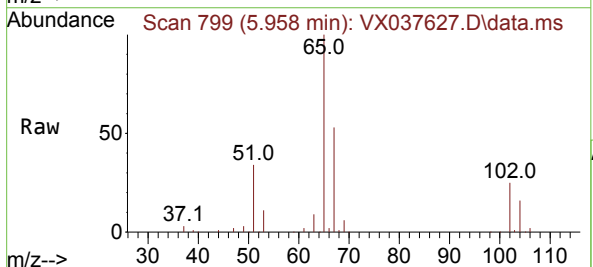


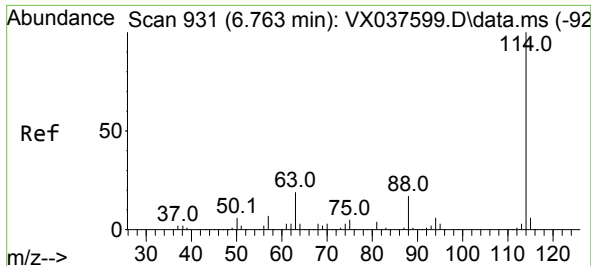
Tgt Ion: 56 Resp: 2354
Ion Ratio Lower Upper
56 100
69 193.8 23.4 35.2#
84 168.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.226 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

Tgt Ion: 65 Resp: 75951
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

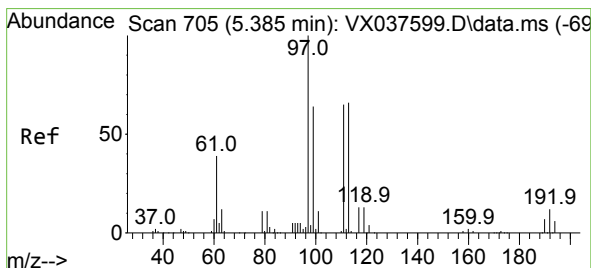
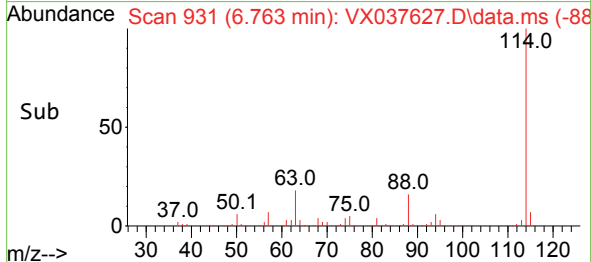
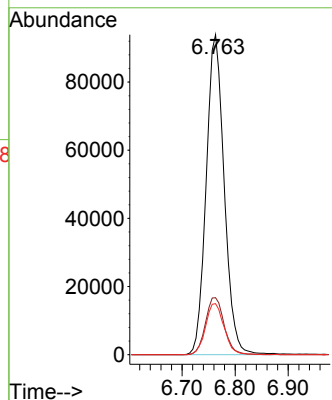
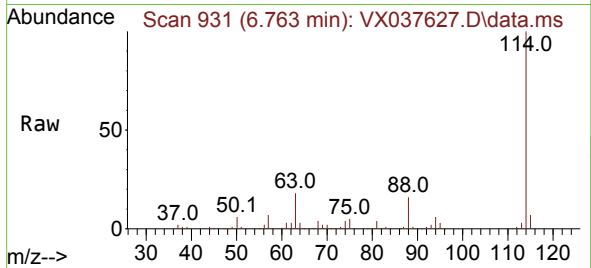




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

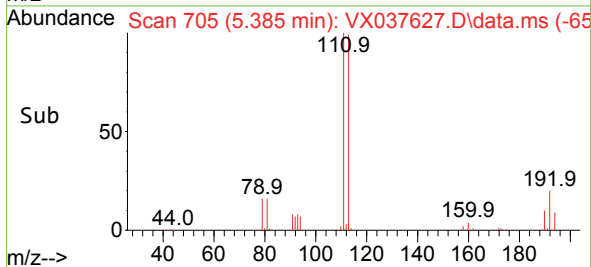
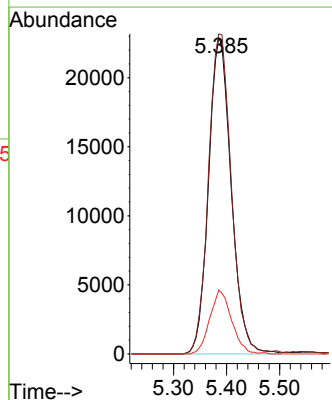
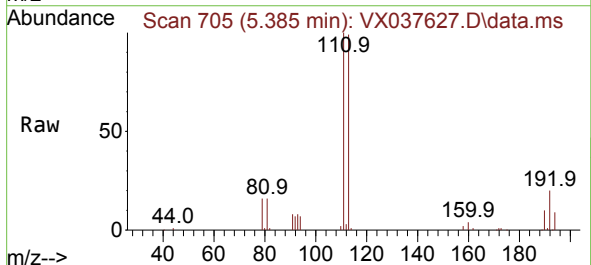
Instrument :
MSVOA_X
ClientSampleId :

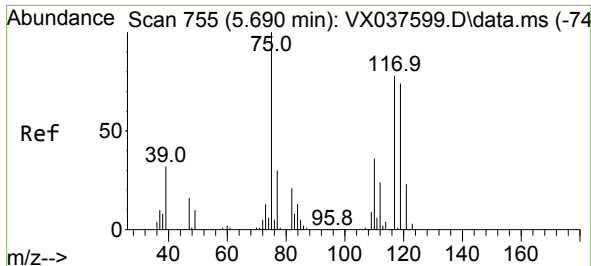
Tgt Ion:114 Resp: 221533
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.745 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

Tgt Ion:113 Resp: 67782
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 19.5 13.3 19.9

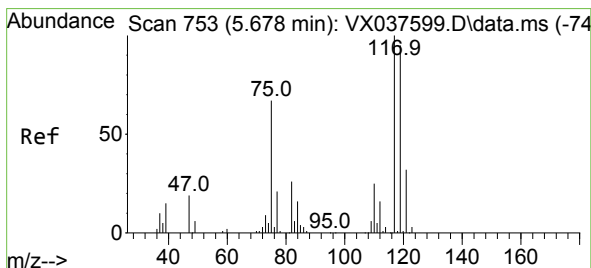
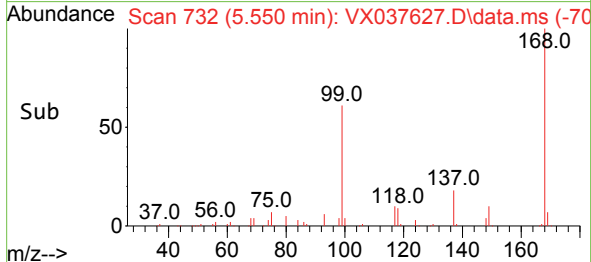
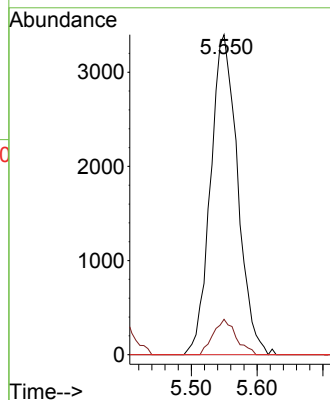
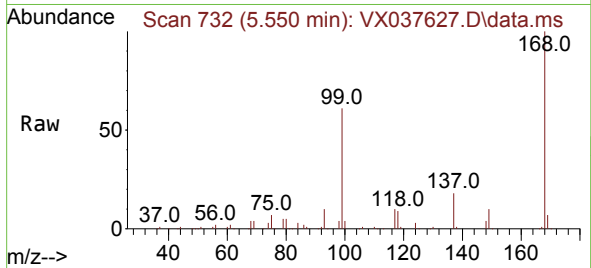




#36
1,1-Dichloropropene
Concen: 4.750 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

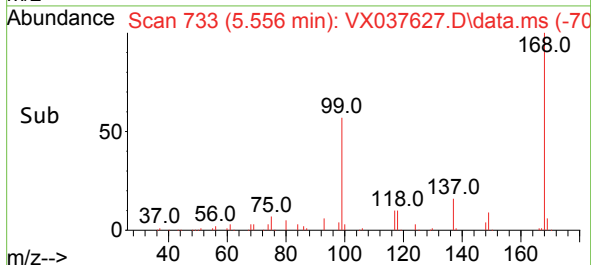
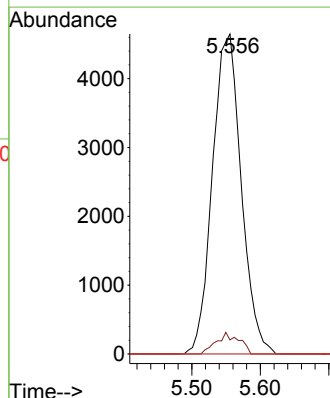
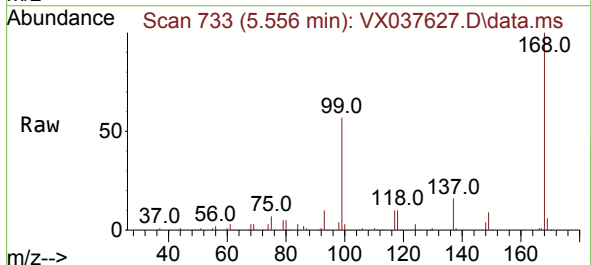
Instrument :
MSVOA_X
ClientSampleId :

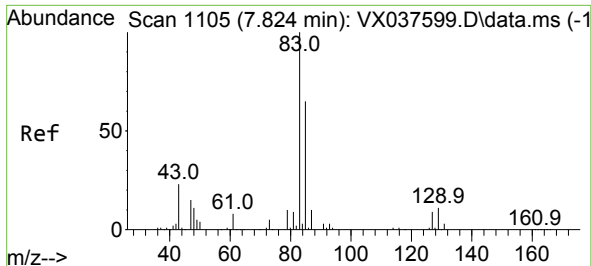
Tgt Ion: 75 Resp: 9723
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.404 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

Tgt Ion: 117 Resp: 13548
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#

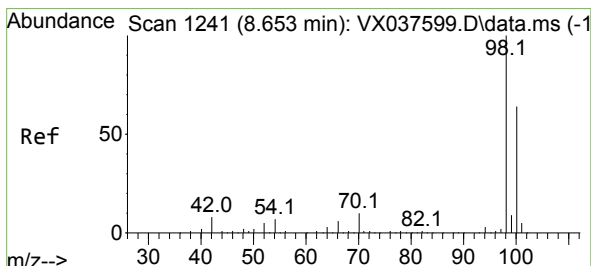
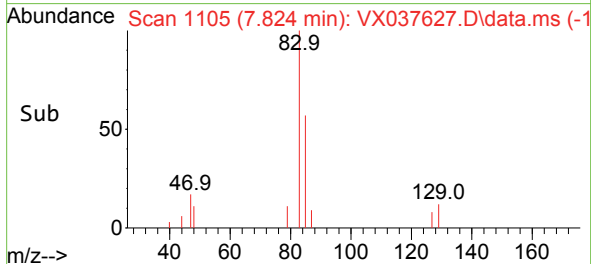
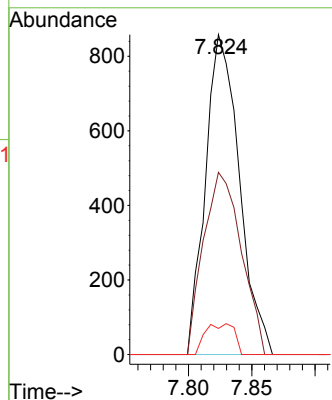
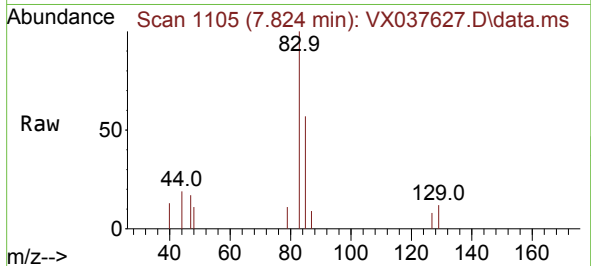




#47
Bromodichloromethane
Concen: 0.755 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

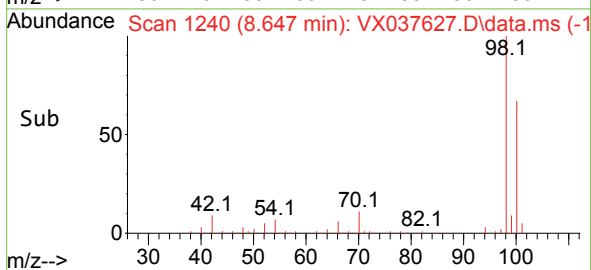
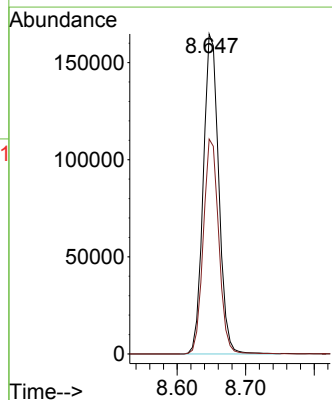
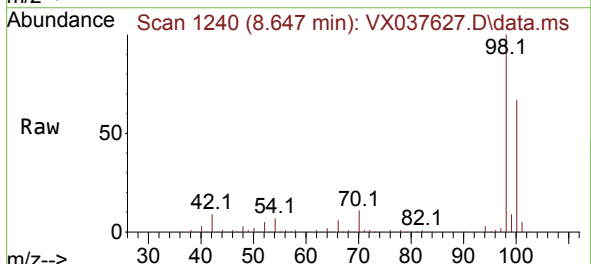
Instrument :
MSVOA_X
ClientSampleId :

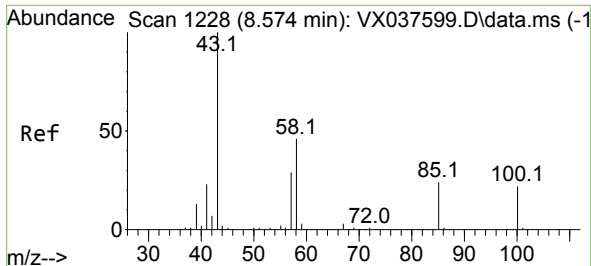
Tgt Ion: 83 Resp: 1598
Ion Ratio Lower Upper
83 100
85 57.0 49.8 74.6
127 8.2 7.1 10.7



#50
Toluene-d8
Concen: 45.540 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

Tgt Ion: 98 Resp: 258811
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

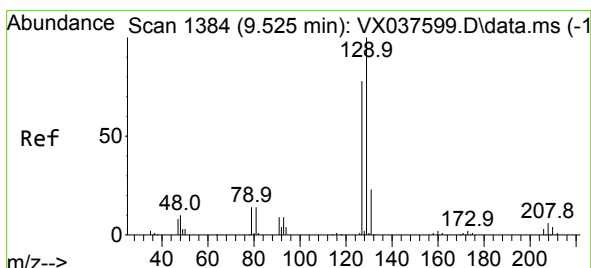
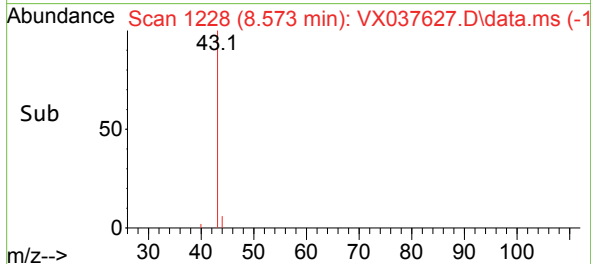
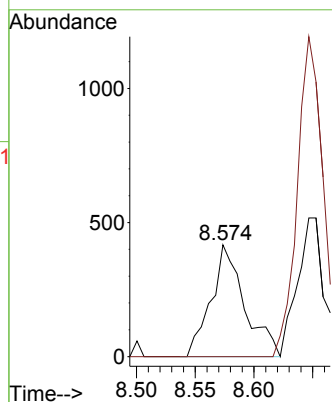
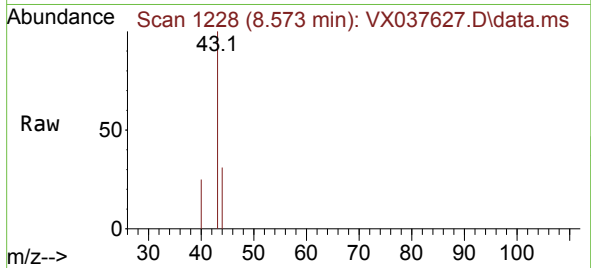




#51
4-Methyl-2-Pentanone
Concen: 0.414 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

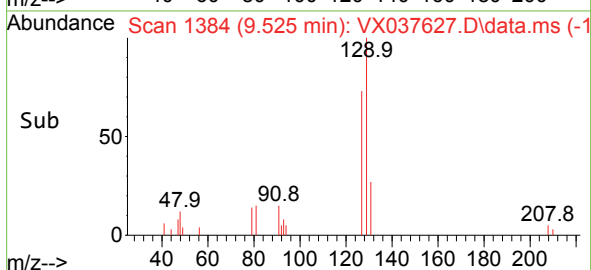
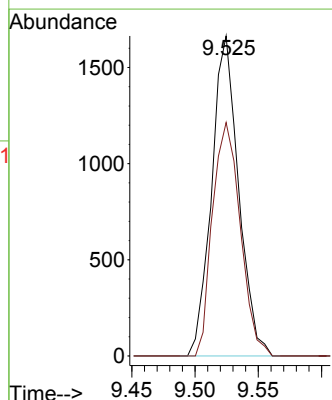
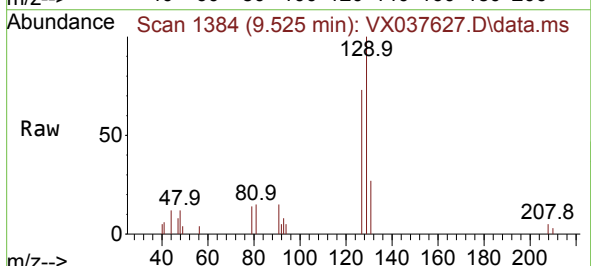
Instrument :
MSVOA_X
ClientSampleId :

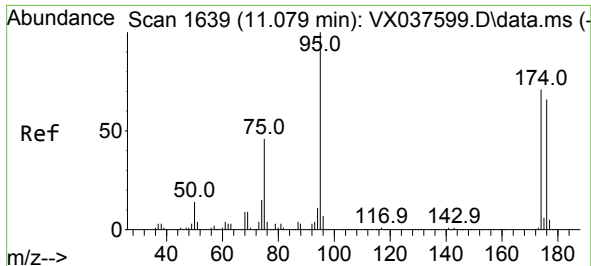
Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#60
Dibromochloromethane
Concen: 1.457 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

Tgt Ion: 129 Resp: 2467
Ion Ratio Lower Upper
129 100
127 75.2 38.8 116.4

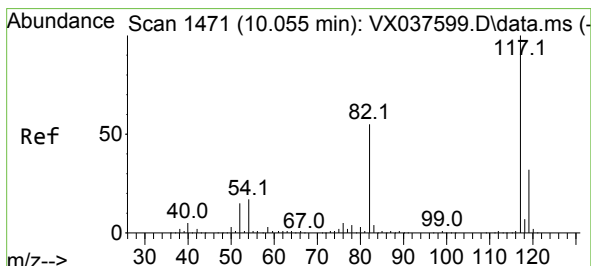
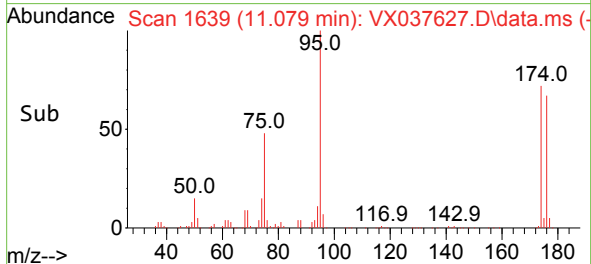
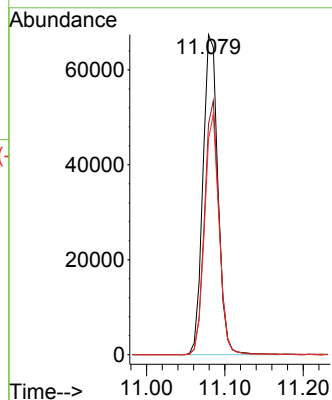
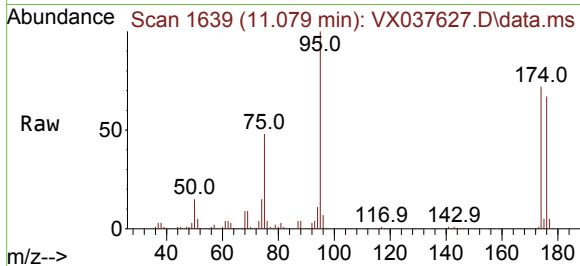




#62
4-Bromofluorobenzene
Concen: 41.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

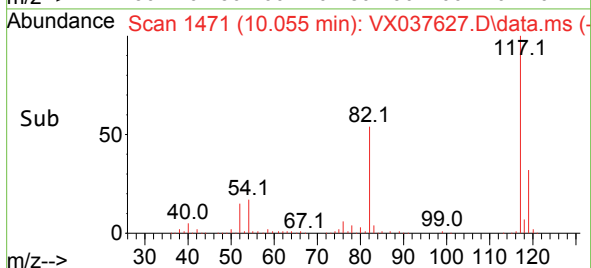
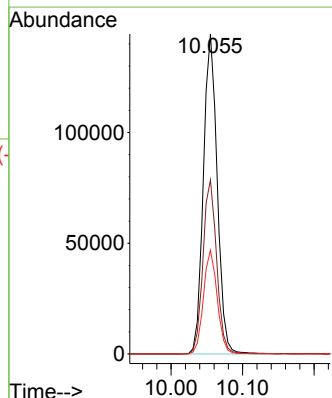
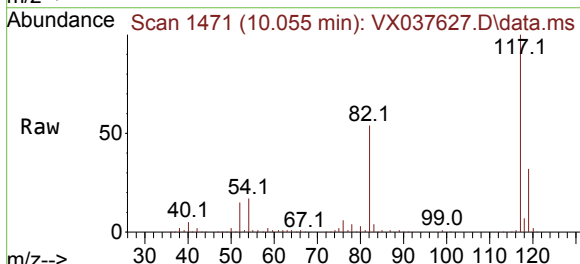
Instrument :
MSVOA_X
ClientSampleId :

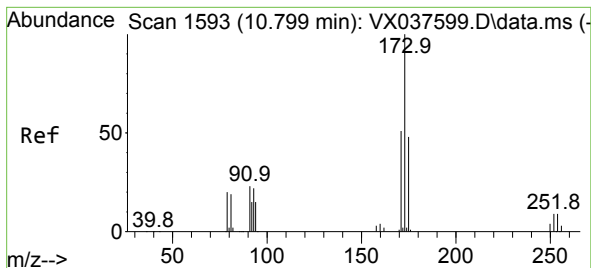
Tgt Ion: 95 Resp: 89697
Ion Ratio Lower Upper
95 100
174 77.3 0.0 135.6
176 72.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037627.D
Acq: 09 Sep 2023 14:59

Tgt Ion: 117 Resp: 194475
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.5 25.5 38.3





#71

Bromoform

Concen: 1.703 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037627.D

Acq: 09 Sep 2023 14:59

Instrument :

MSVOA_X

ClientSampleId :

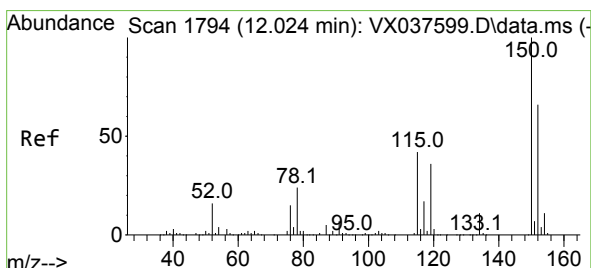
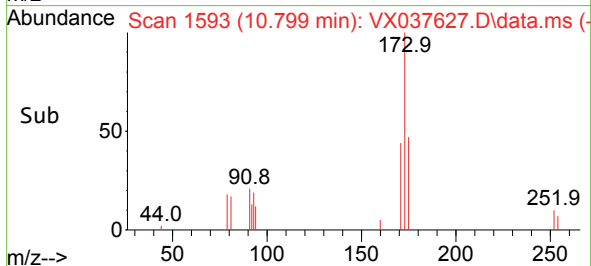
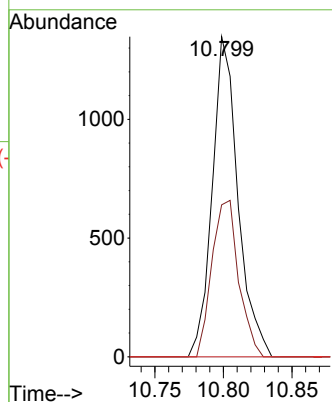
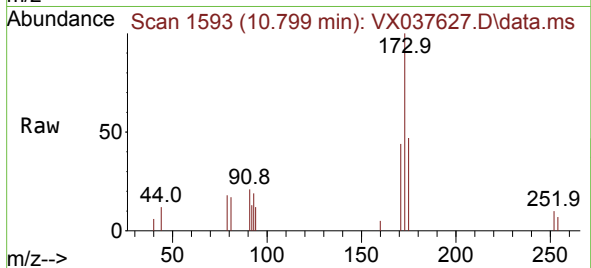
Tgt Ion:173 Resp: 1755

Ion Ratio Lower Upper

173 100

175 50.9 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037627.D

Acq: 09 Sep 2023 14:59

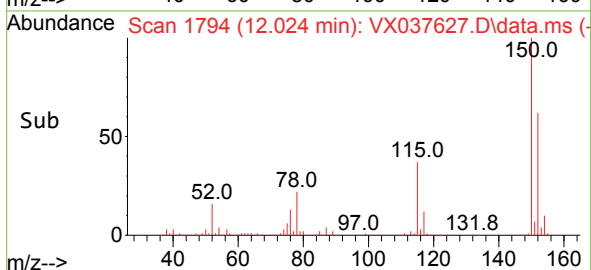
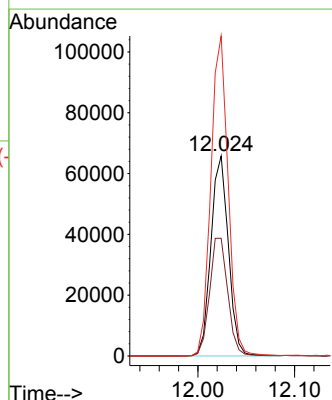
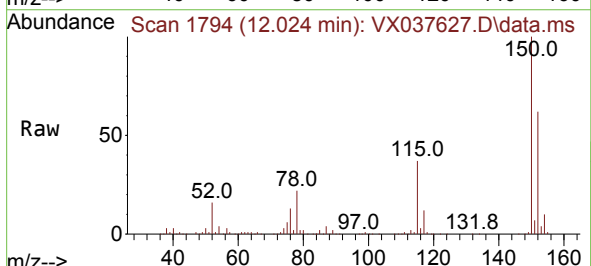
Tgt Ion:152 Resp: 82763

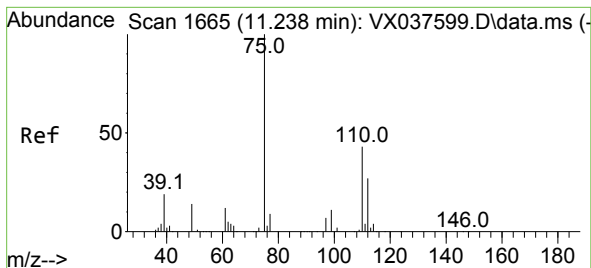
Ion Ratio Lower Upper

152 100

115 61.4 43.3 129.9

150 158.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.465 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037627.D

Acq: 09 Sep 2023 14:59

Instrument :

MSVOA_X

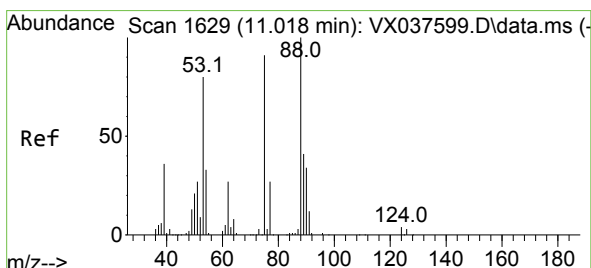
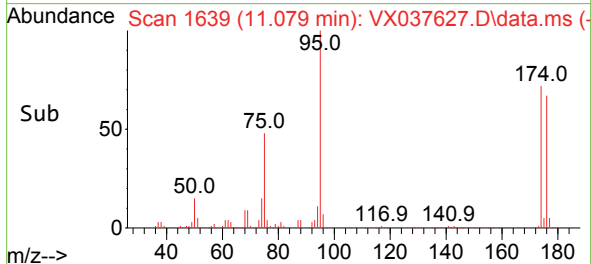
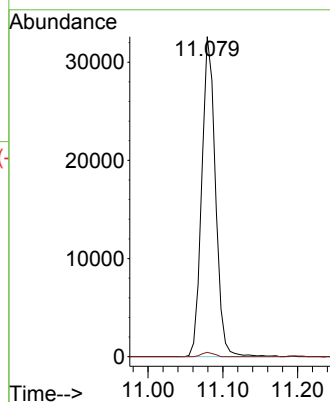
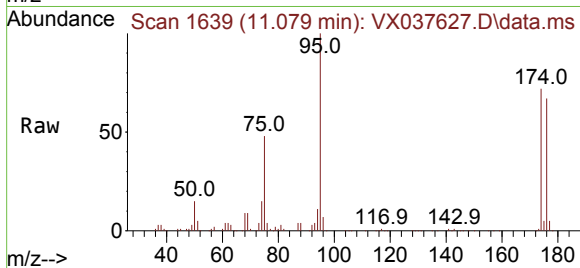
ClientSampleId :

Tgt Ion: 75 Resp: 41589

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.144 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037627.D

Acq: 09 Sep 2023 14:59

Tgt Ion: 75 Resp: 41589

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

