

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037275.D
 Acq On : 25 Aug 2023 16:46
 Operator : JC/MD
 Sample : 04095-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT162S1-20230818

Quant Time: Aug 26 02:23:15 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)

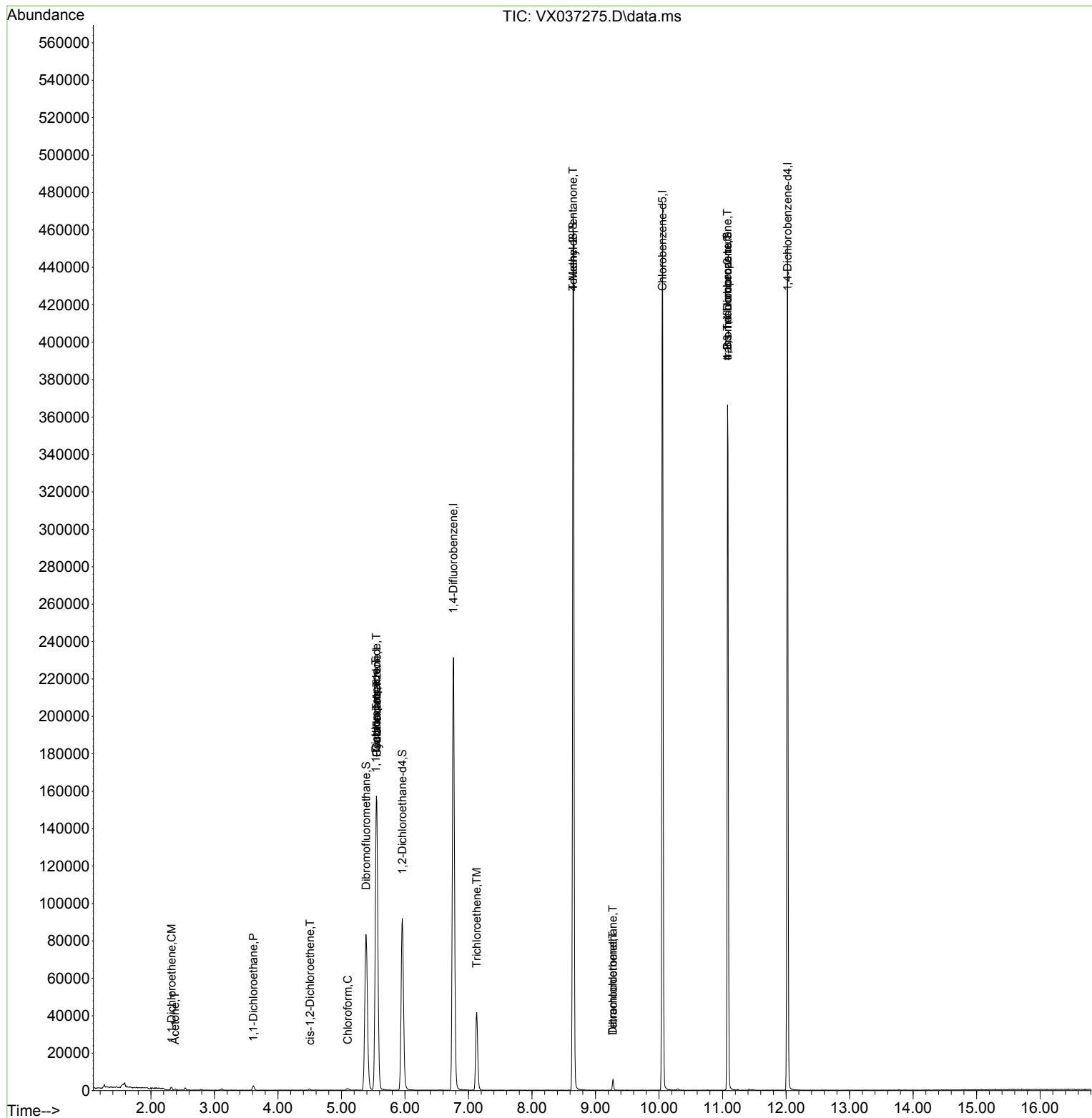
Internal Standards						
1) Pentafluorobenzene	5.556	168	147038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92761	43.759	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.520%
35) Dibromofluoromethane	5.385	113	74742	46.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.140%
50) Toluene-d8	8.646	98	285234	48.992	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.980%
62) 4-Bromofluorobenzene	11.079	95	103753	45.347	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.700%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.324	96	535	0.353	ug/l #	59
16) Acetone	2.379	43	678	0.818	ug/l	97
24) 1,1-Dichloroethane	3.611	63	2701	0.896	ug/l #	91
27) cis-1,2-Dichloroethene	4.507	96	415	0.205	ug/l #	1
30) Chloroform	5.098	83	1149	0.340	ug/l #	77
31) Cyclohexane	5.556	56	3016	1.265	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	11913	5.224	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15786	6.373	ug/l #	15
44) Trichloroethene	7.128	130	17107	9.225	ug/l	93
51) 4-Methyl-2-Pentanone	8.646	43	983	0.438	ug/l #	1
60) Dibromochloromethane	9.274	129	1180	0.630	ug/l #	11
64) Tetrachloroethene	9.274	164	1158	0.737	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	51980	26.005	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	51980	72.633	ug/l #	5

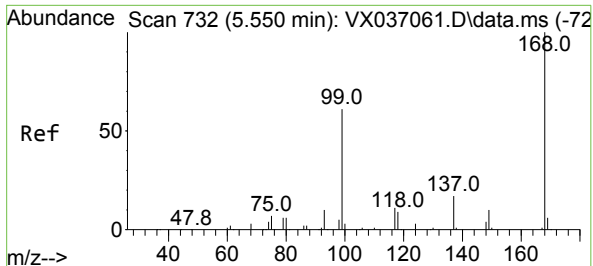
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
Data File : VX037275.D
Acq On : 25 Aug 2023 16:46
Operator : JC/MD
Sample : 04095-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20230818

Quant Time: Aug 26 02:23:15 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

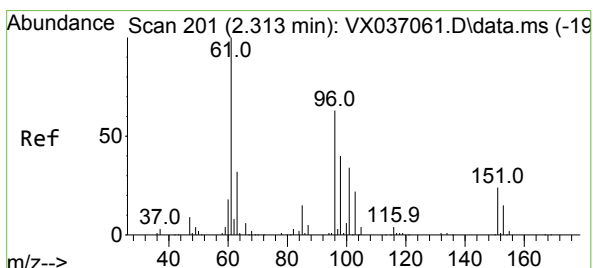
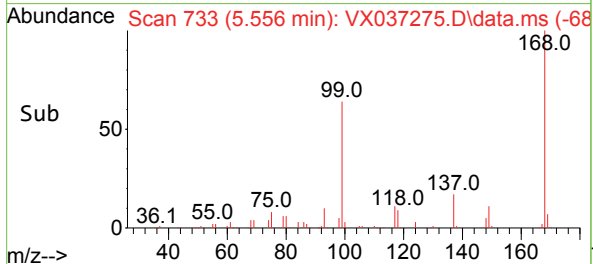
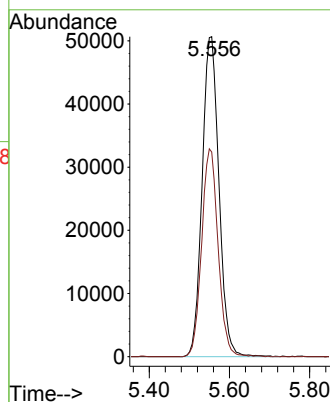
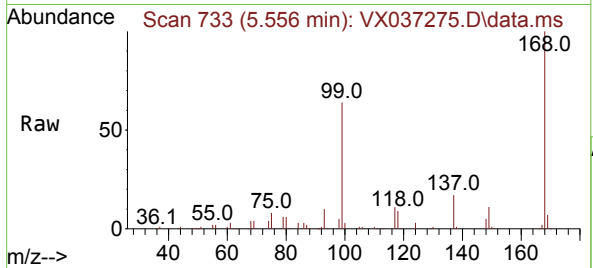




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

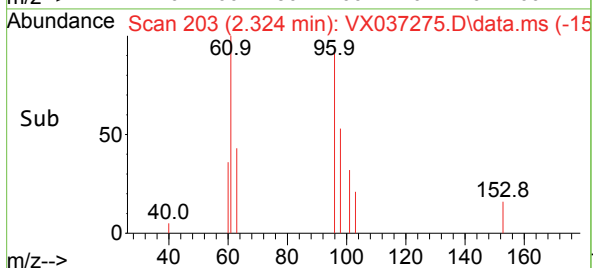
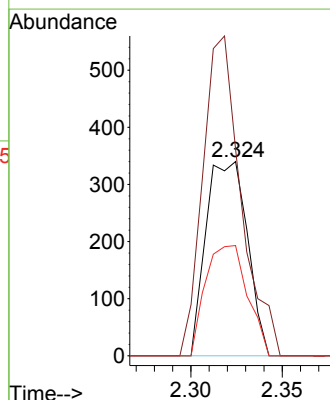
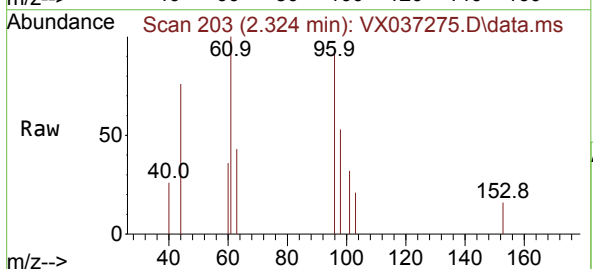
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20230818

Tgt Ion:168 Resp: 147038
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.353 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

Tgt Ion: 96 Resp: 535
Ion Ratio Lower Upper
96 100
61 106.5 144.6 216.8#
98 56.8 50.4 75.6

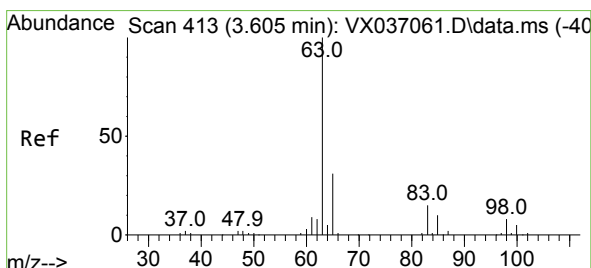
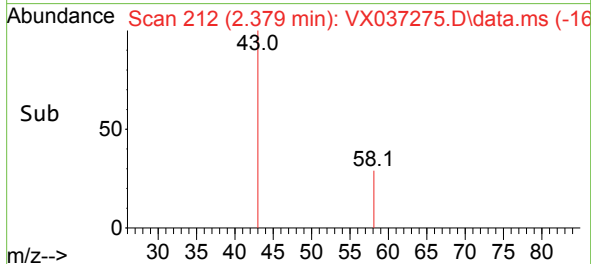
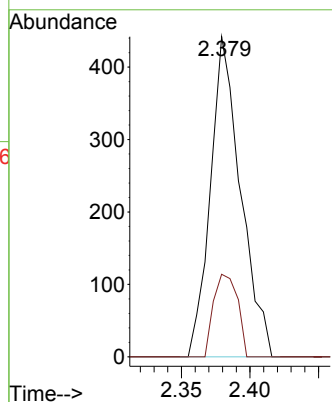
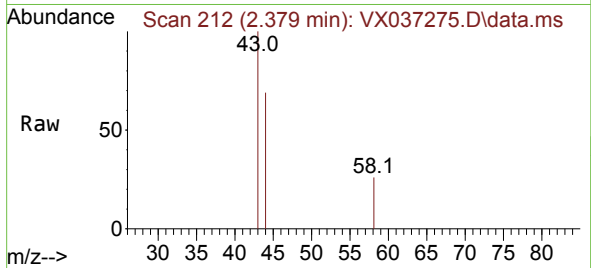




#16
Acetone
Concen: 0.818 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

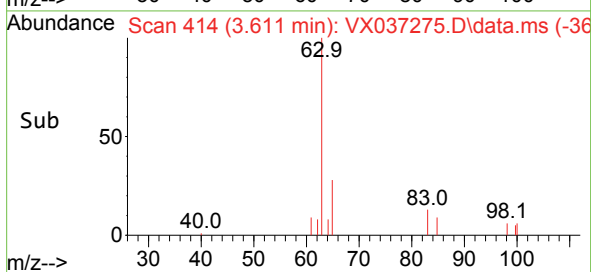
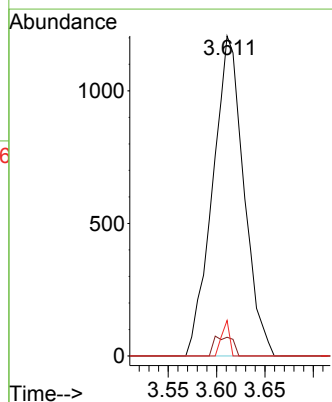
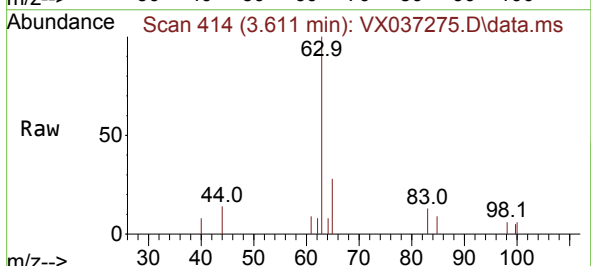
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20230818

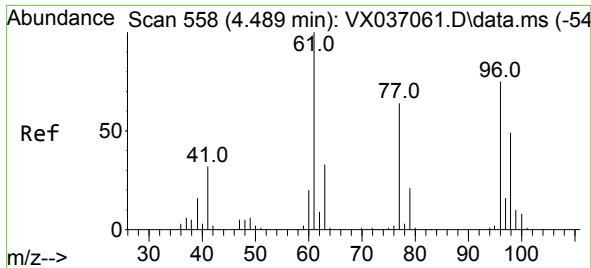
Tgt Ion: 43 Resp: 678
Ion Ratio Lower Upper
43 100
58 25.8 21.9 32.9



#24
1,1-Dichloroethane
Concen: 0.896 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

Tgt Ion: 63 Resp: 2701
Ion Ratio Lower Upper
63 100
98 5.9 3.3 9.8
100 11.1 2.1 6.5#

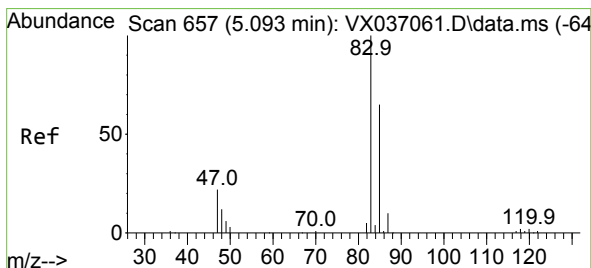
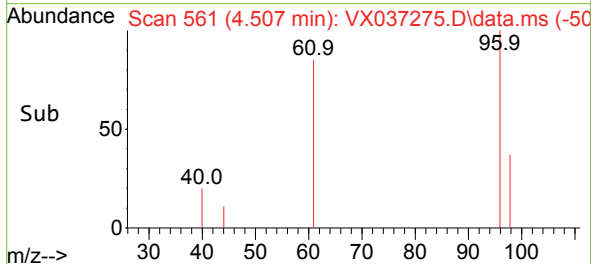
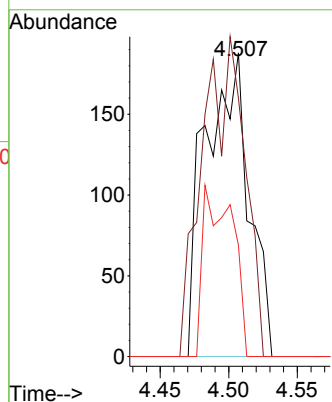
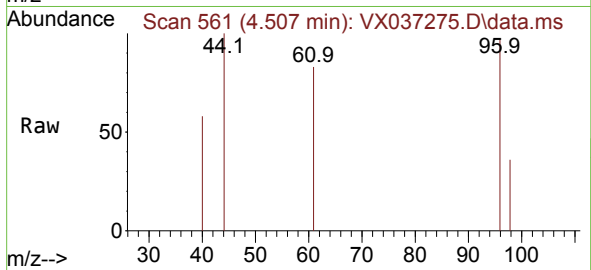




#27
 cis-1,2-Dichloroethene
 Concen: 0.205 ug/l
 RT: 4.507 min Scan# 50
 Delta R.T. 0.018 min
 Lab File: VX037275.D
 Acq: 25 Aug 2023 16:46

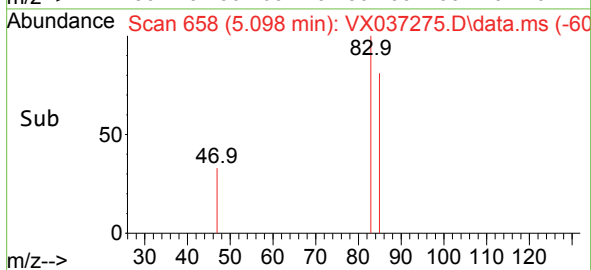
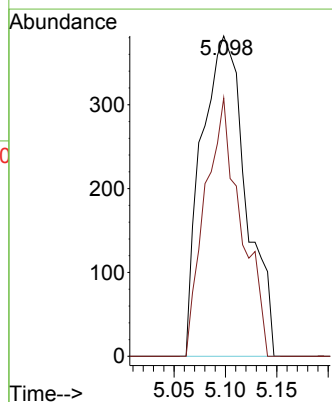
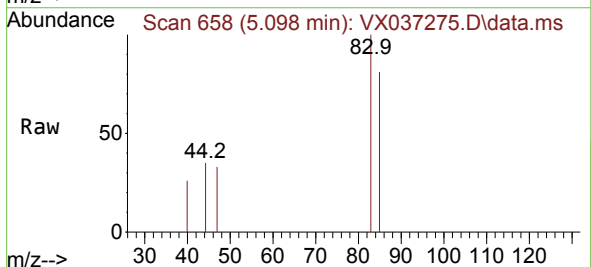
Instrument :
 MSVOA_X
 ClientSampleId :
 TT162S1-20230818

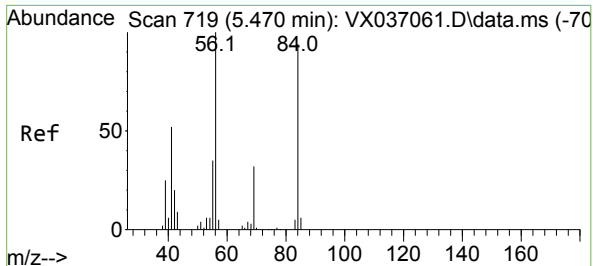
Tgt Ion: 96 Resp: 415
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 312.2
 98 0.0 0.0 129.0



#30
 Chloroform
 Concen: 0.340 ug/l
 RT: 5.098 min Scan# 658
 Delta R.T. 0.006 min
 Lab File: VX037275.D
 Acq: 25 Aug 2023 16:46

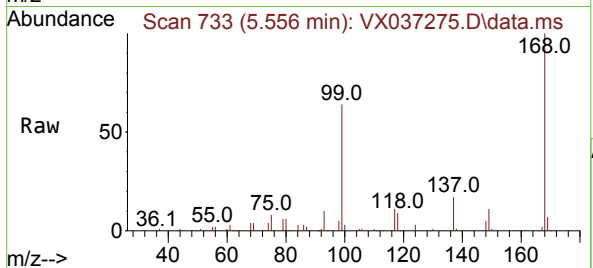
Tgt Ion: 83 Resp: 1149
 Ion Ratio Lower Upper
 83 100
 85 80.6 50.3 75.5#



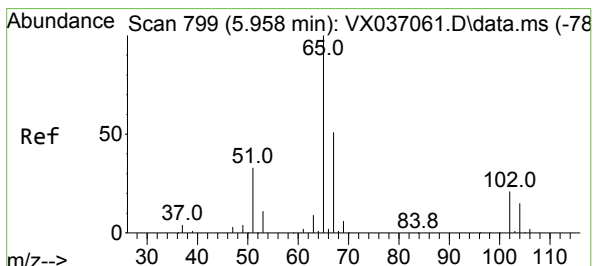
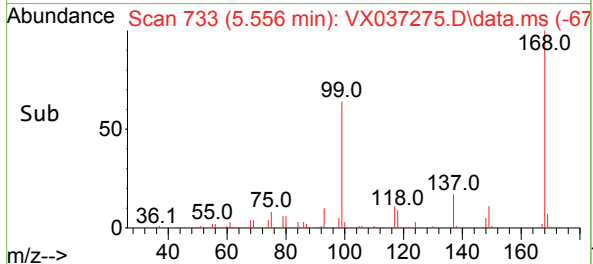
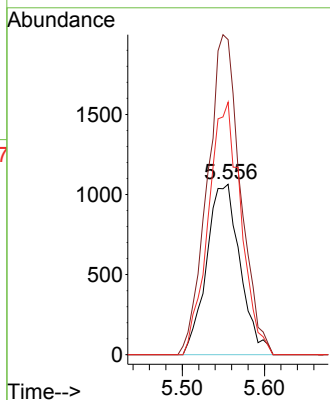


#31
Cyclohexane
Concen: 1.265 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20230818

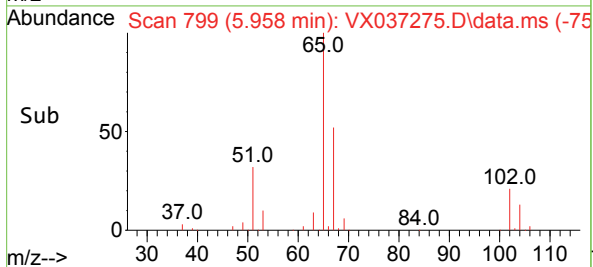
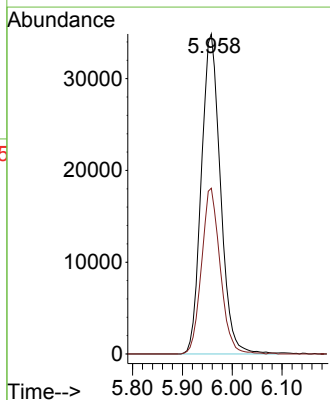
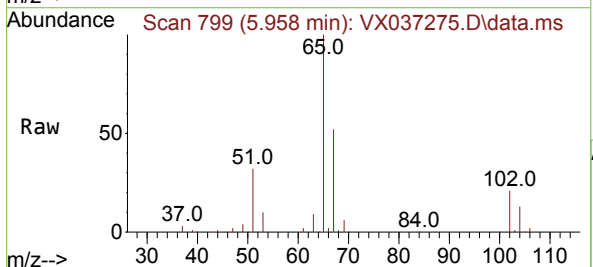


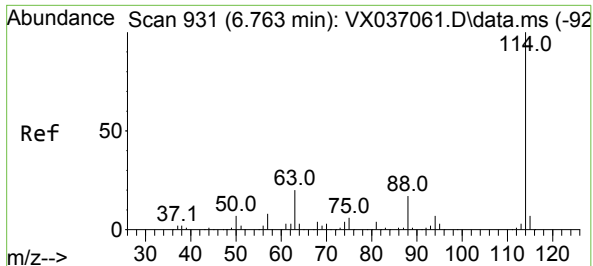
Tgt Ion: 56 Resp: 3016
Ion Ratio Lower Upper
56 100
69 184.9 23.4 35.2#
84 148.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.759 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

Tgt Ion: 65 Resp: 92761
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2

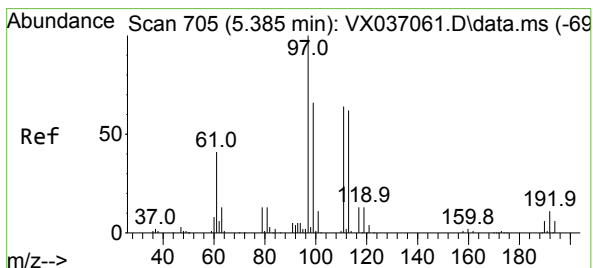
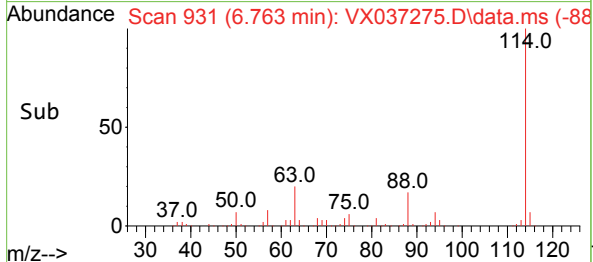
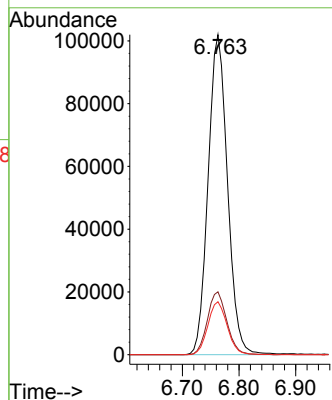
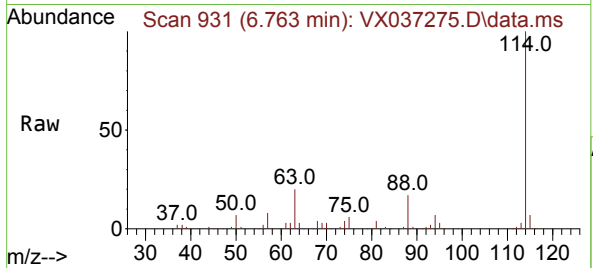




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

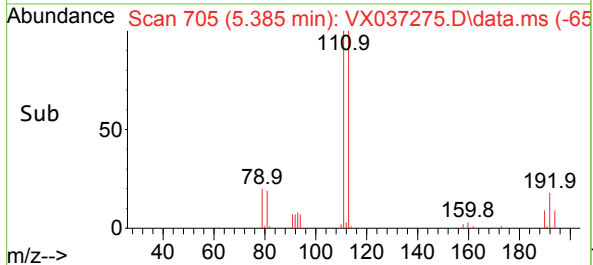
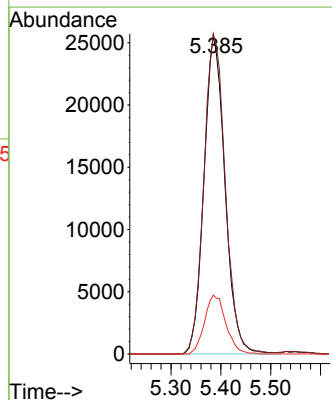
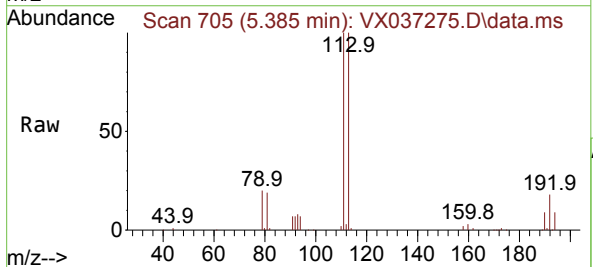
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20230818

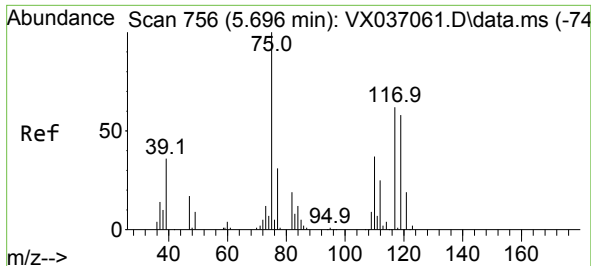
Tgt Ion:114 Resp: 242350
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.567 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

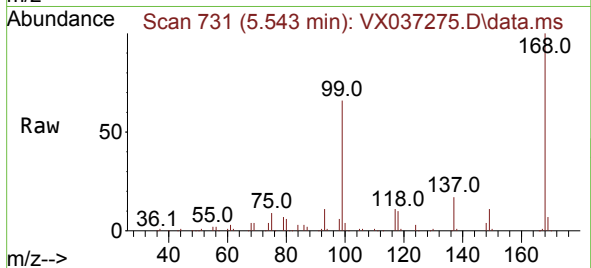
Tgt Ion:113 Resp: 74742
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.7 13.3 19.9



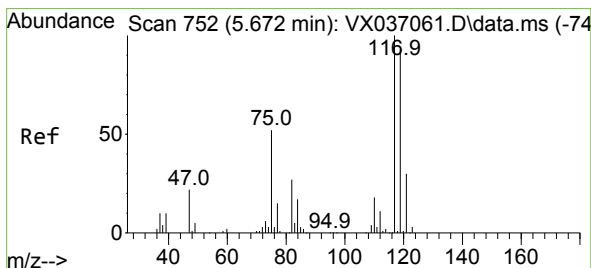
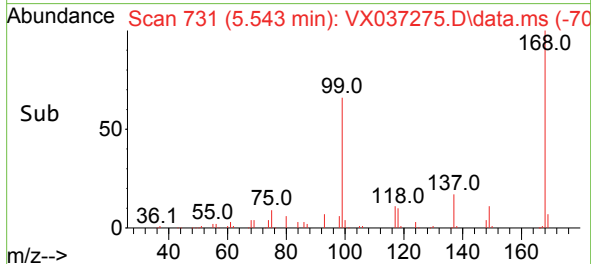
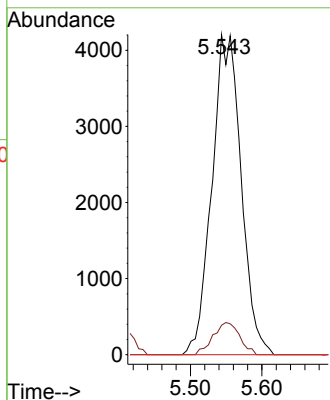


#36
1,1-Dichloropropene
Concen: 5.224 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.153 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20230818

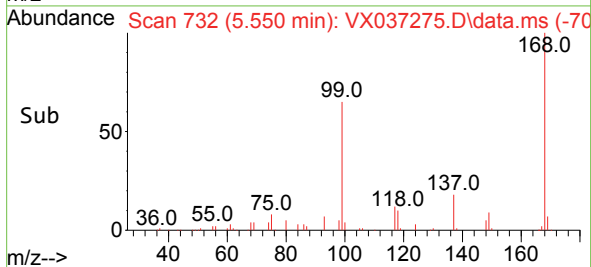
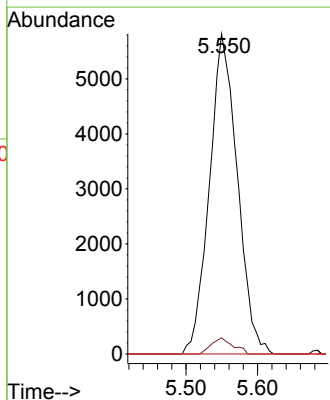
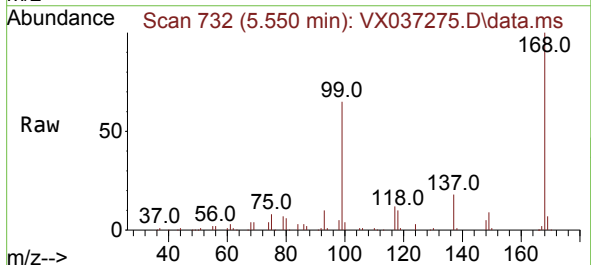


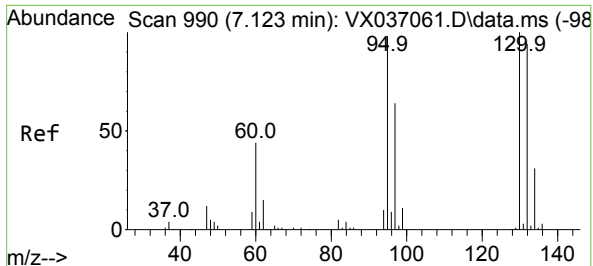
Tgt Ion: 75 Resp: 11913
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.373 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

Tgt Ion: 117 Resp: 15786
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#





#44

Trichloroethene

Concen: 9.225 ug/l

RT: 7.128 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX037275.D

Acq: 25 Aug 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

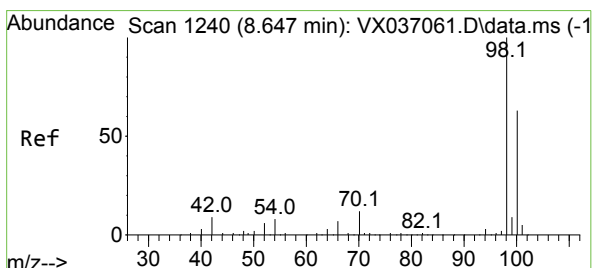
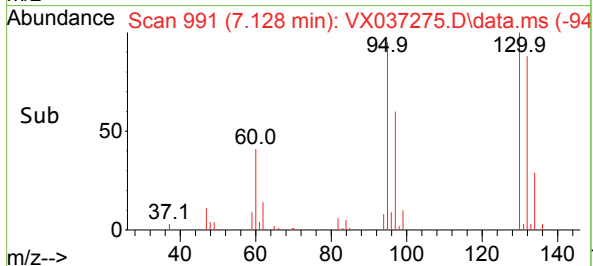
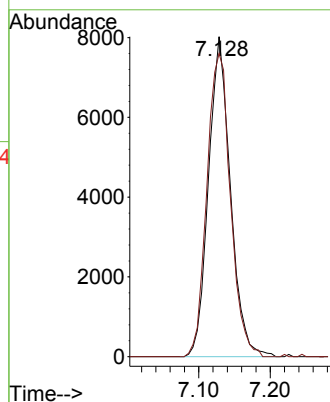
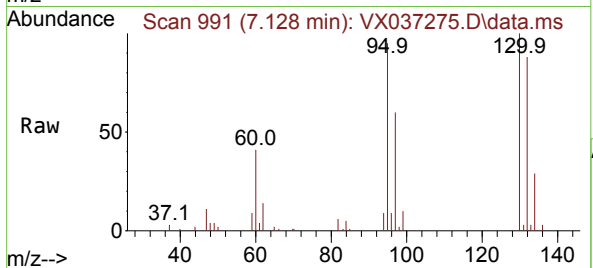
TT162S1-20230818

Tgt Ion:130 Resp: 17107

Ion Ratio Lower Upper

130 100

95 94.7 0.0 204.4



#50

Toluene-d8

Concen: 48.992 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037275.D

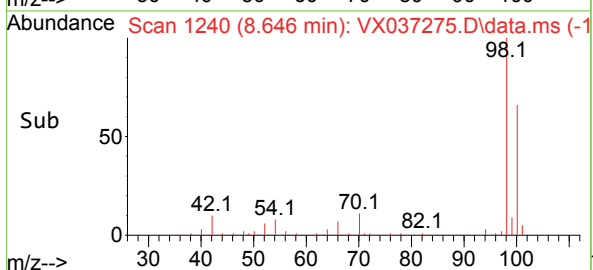
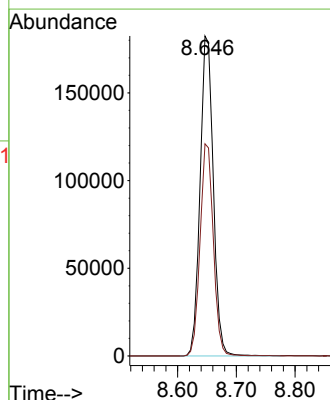
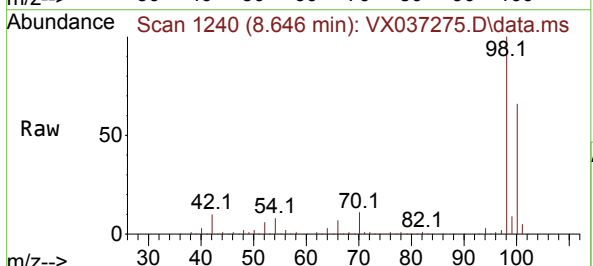
Acq: 25 Aug 2023 16:46

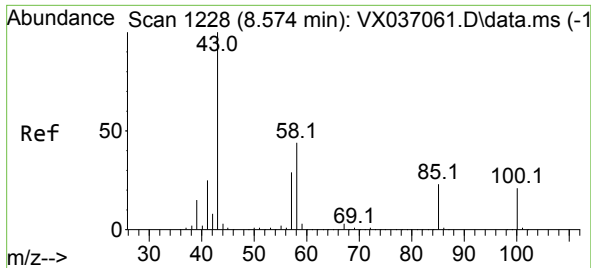
Tgt Ion: 98 Resp: 285234

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7

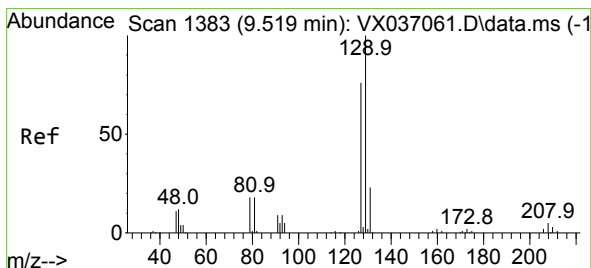
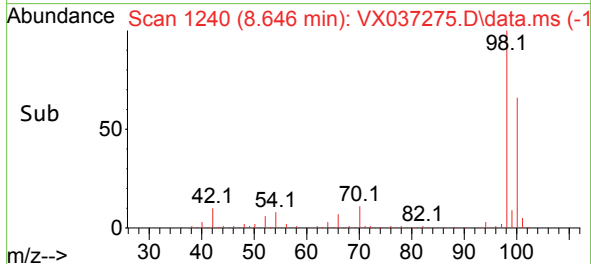
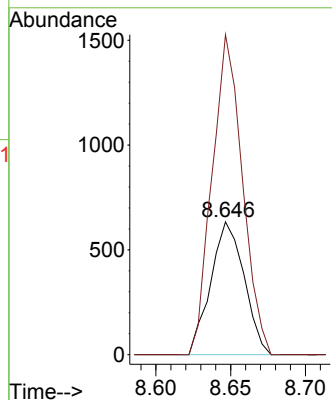
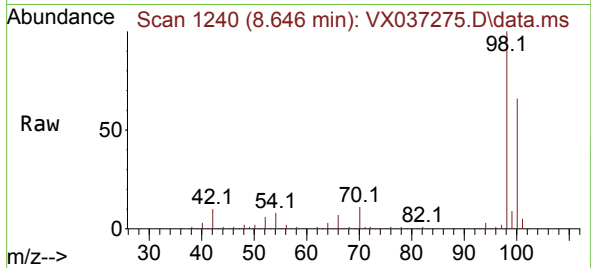




#51
4-Methyl-2-Pentanone
Concen: 0.438 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

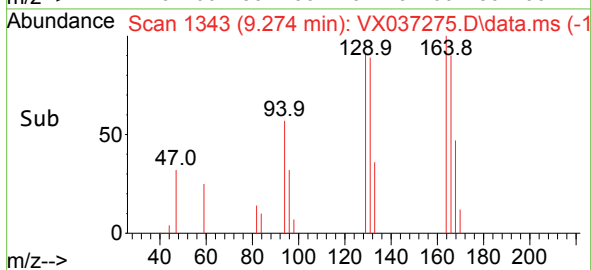
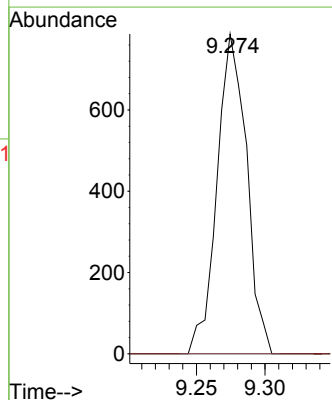
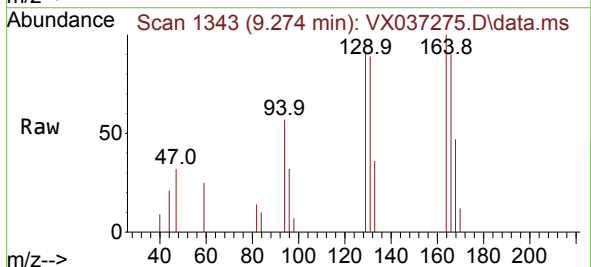
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20230818

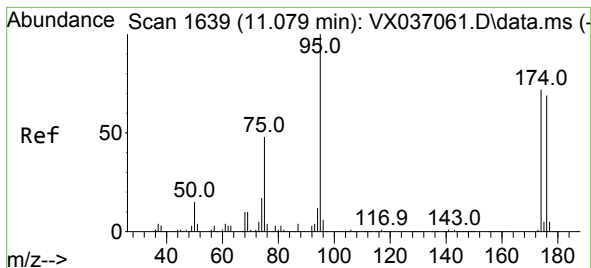
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 219.0 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.630 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

Tgt Ion: 129 Resp: 1180
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

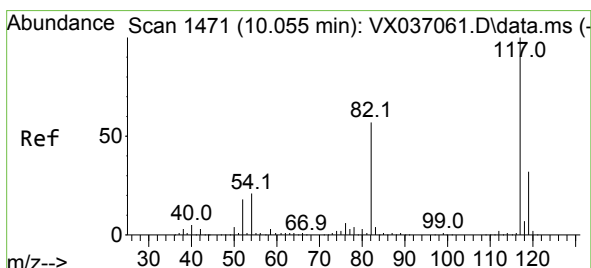
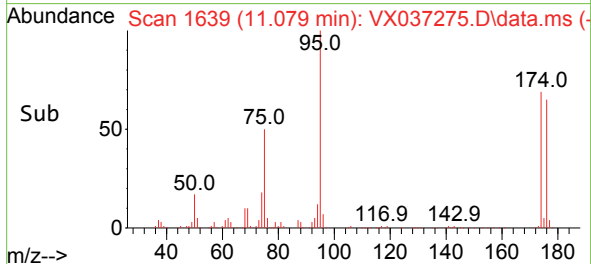
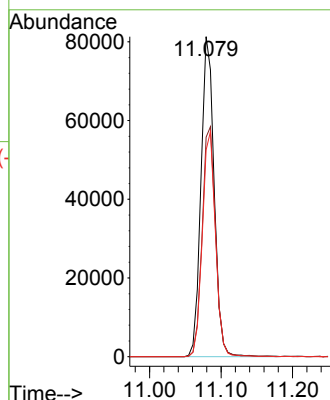
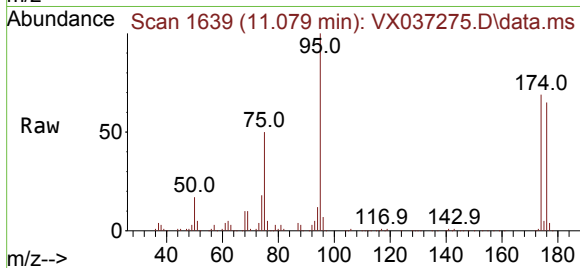




#62
4-Bromofluorobenzene
Concen: 45.347 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

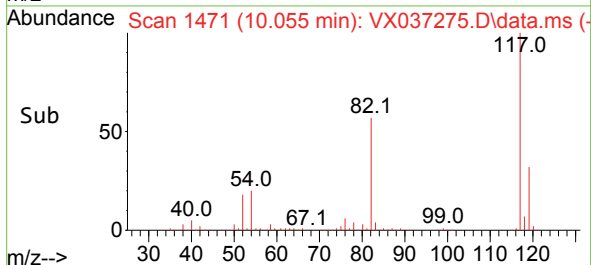
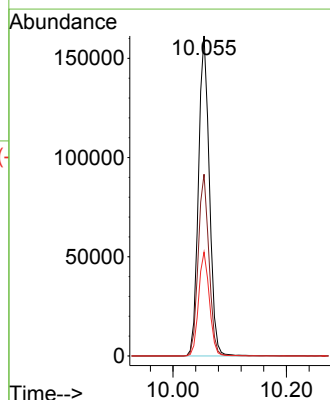
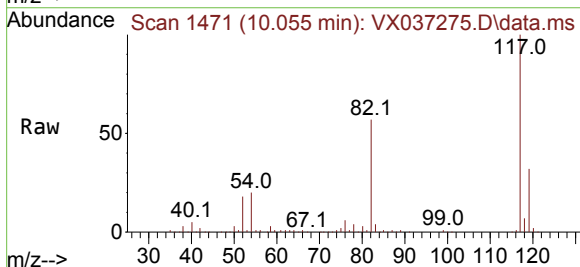
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20230818

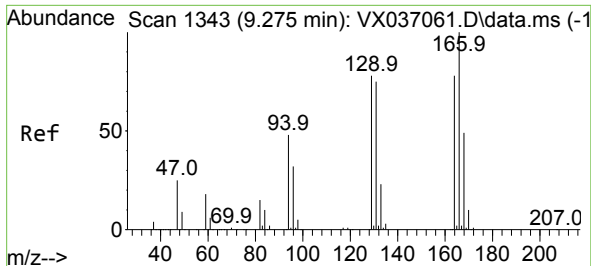
Tgt Ion: 95 Resp: 103753
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

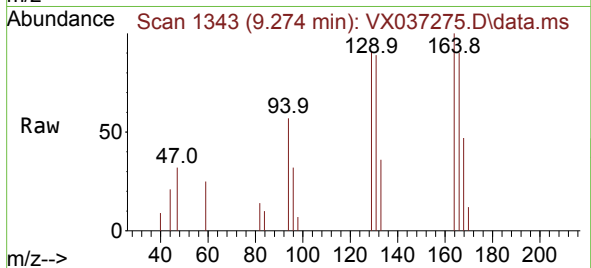
Tgt Ion: 117 Resp: 215327
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.4 25.5 38.3



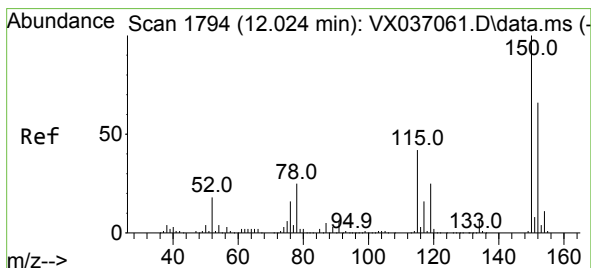
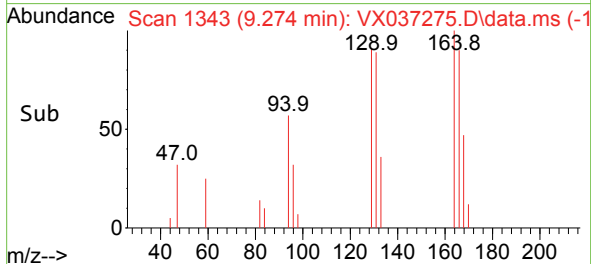
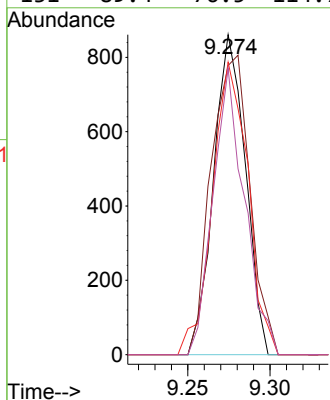


#64
Tetrachloroethene
Concen: 0.737 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20230818

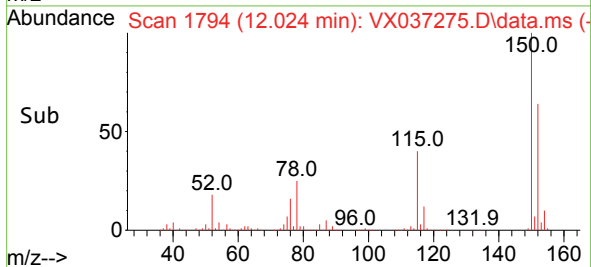
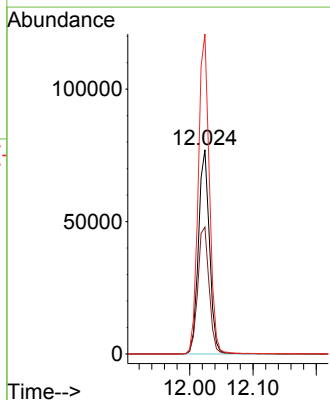
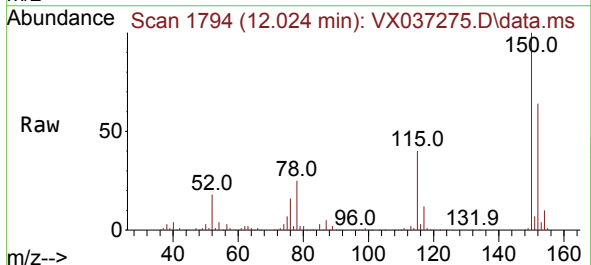


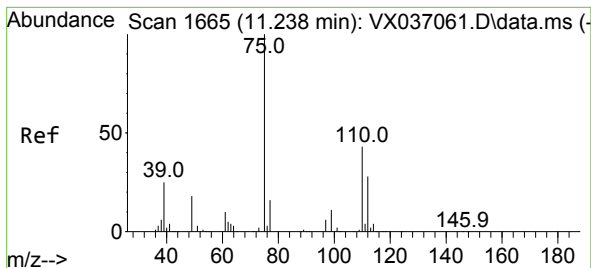
Tgt Ion:164 Resp: 1158
Ion Ratio Lower Upper
164 100
166 90.4 102.7 154.1#
129 91.4 80.4 120.6
131 89.4 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

Tgt Ion:152 Resp: 93857
Ion Ratio Lower Upper
152 100
115 63.9 43.3 129.9
150 158.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.005 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX037275.D

Acq: 25 Aug 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

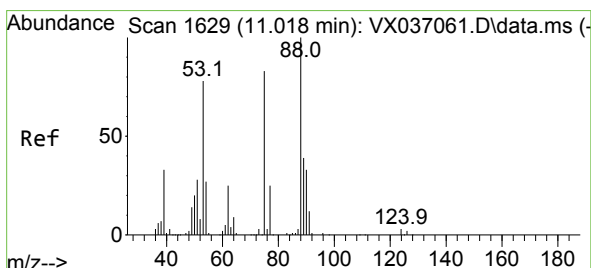
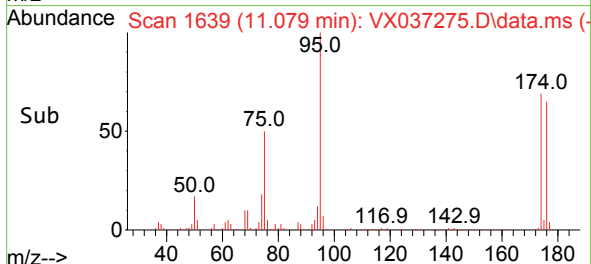
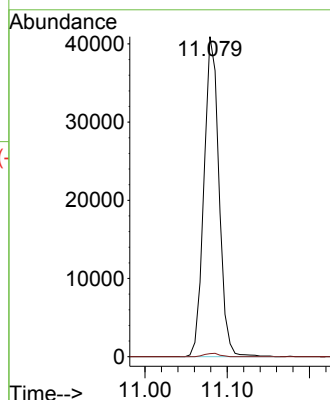
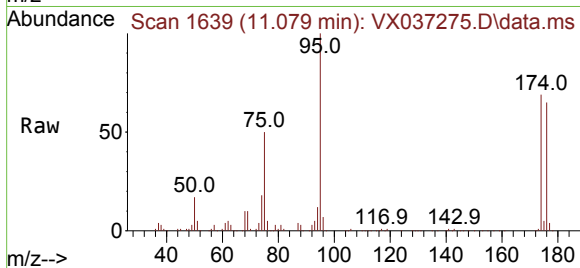
TT162S1-20230818

Tgt Ion: 75 Resp: 51980

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.633 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037275.D

Acq: 25 Aug 2023 16:46

Tgt Ion: 75 Resp: 51980

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

