

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036236.D
 Acq On : 20 Jun 2023 12:33
 Operator : JC/MD
 Sample : 03274-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-1

Quant Time: Jun 21 01:59:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

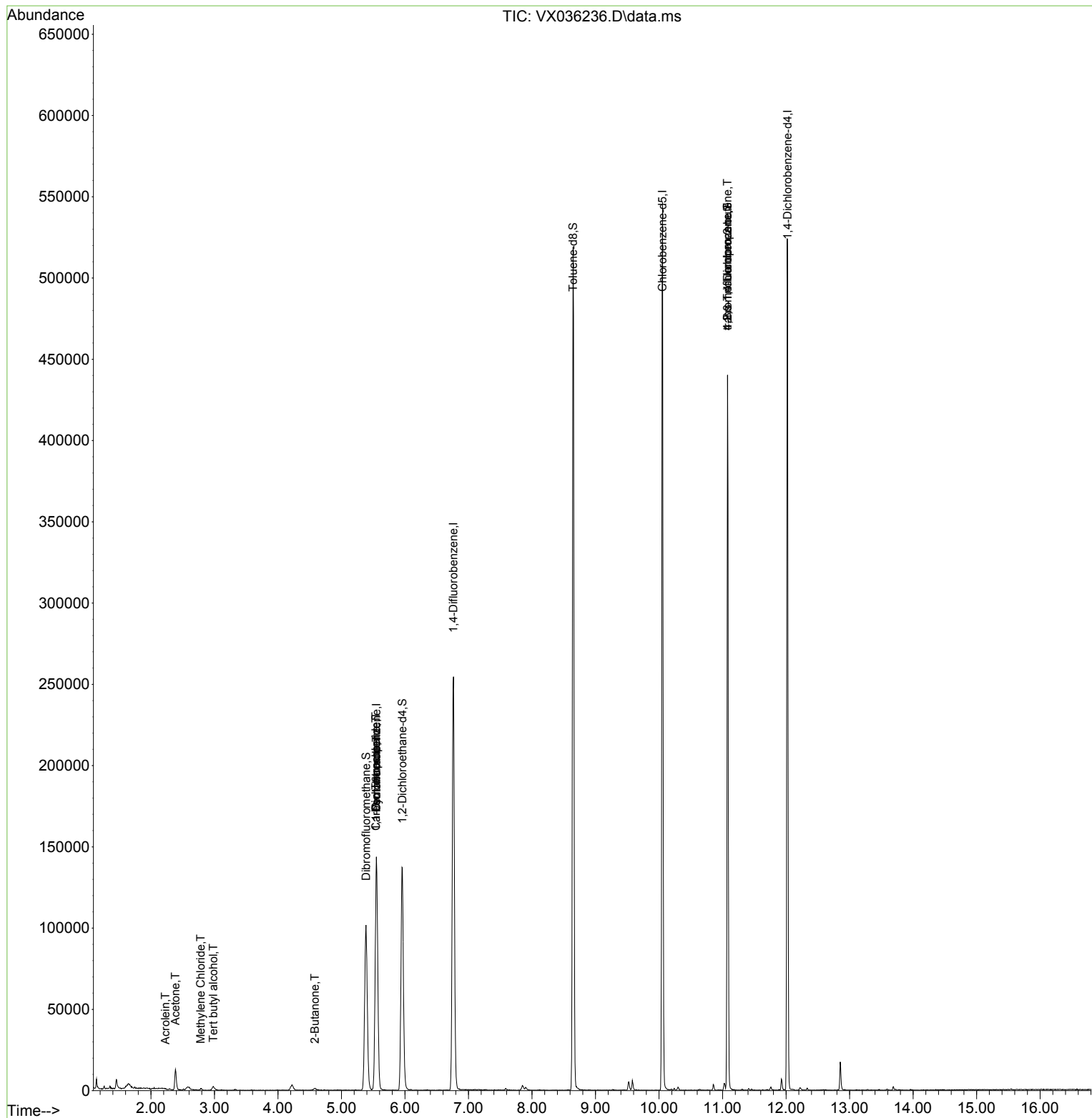
Internal Standards						
1) Pentafluorobenzene	5.550	168	118917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137754	63.389	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 126.780%#	
35) Dibromofluoromethane	5.385	113	85492	52.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.040%	
50) Toluene-d8	8.647	98	292167	49.070	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.140%	
62) 4-Bromofluorobenzene	11.079	95	113310	47.145	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	3119	9.388	ug/l	97
13) Acrolein	2.227	56	116	0.314	ug/l #	58
16) Acetone	2.386	43	14862	16.461	ug/l	97
20) Methylene Chloride	2.782	84	384	0.235	ug/l #	66
25) 2-Butanone	4.580	43	1367	1.081	ug/l	92
31) Cyclohexane	5.550	56	3501	1.502	ug/l #	21
36) 1,1-Dichloropropene	5.544	75	11525	4.807	ug/l #	51
38) Carbon Tetrachloride	5.544	117	13708	5.881	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	64977	28.219	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64977	98.771	ug/l #	5

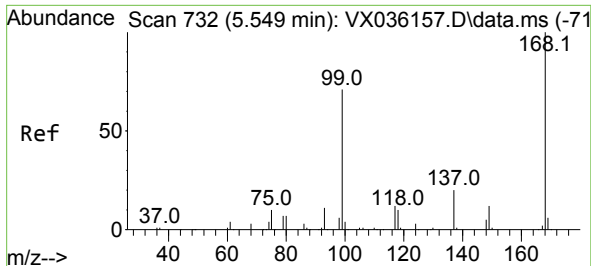
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
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Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration

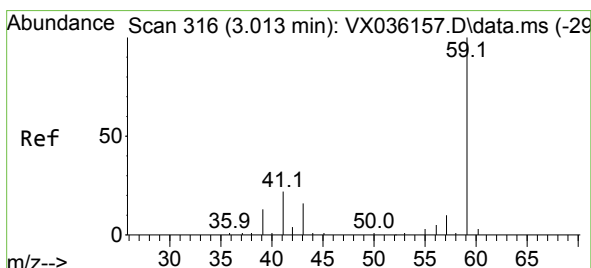
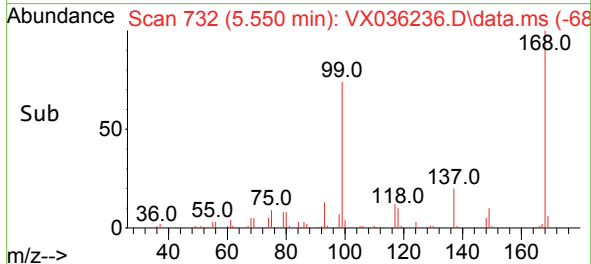
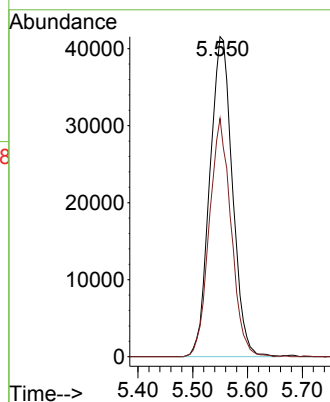
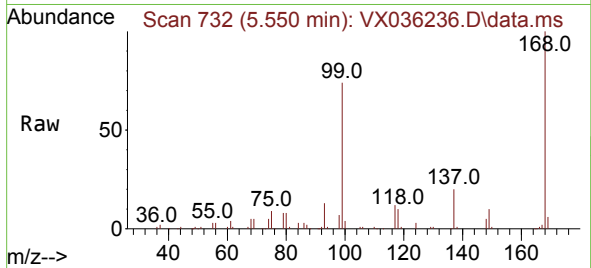




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036236.D
Acq: 20 Jun 2023 12:33

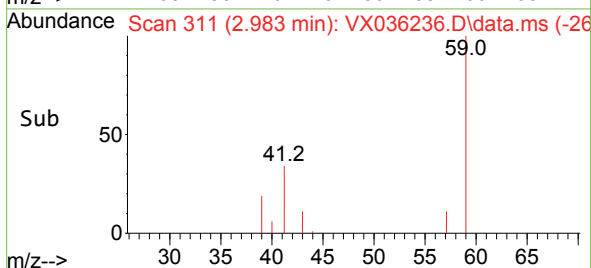
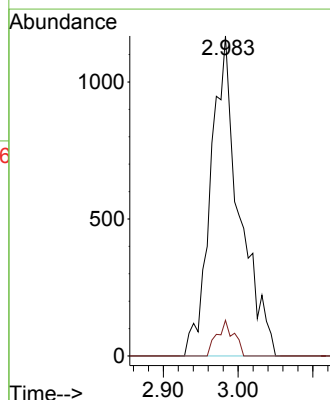
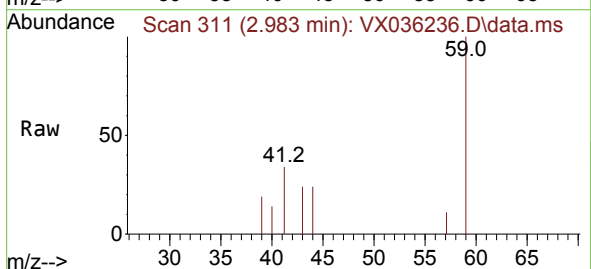
Instrument :
MSVOA_X
ClientSampleId :
TW-1

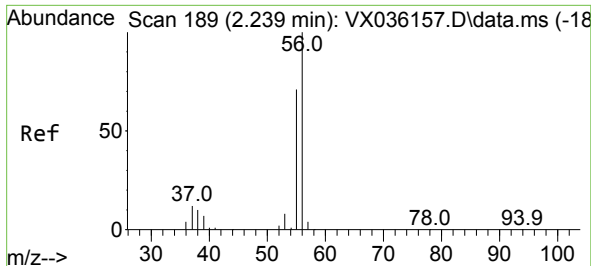
Tgt Ion:168 Resp: 118917
Ion Ratio Lower Upper
168 100
99 74.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 9.388 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.030 min
Lab File: VX036236.D
Acq: 20 Jun 2023 12:33

Tgt Ion: 59 Resp: 3119
Ion Ratio Lower Upper
59 100
57 6.5 6.0 9.0

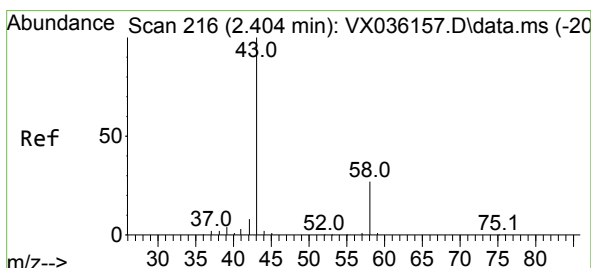
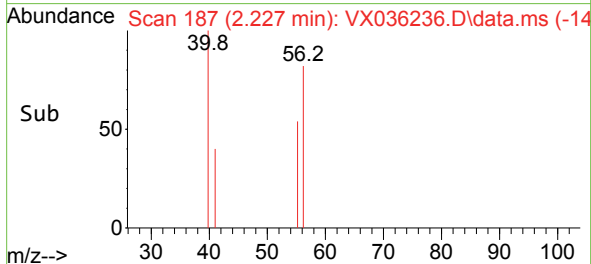
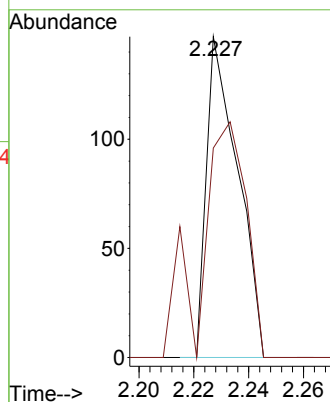
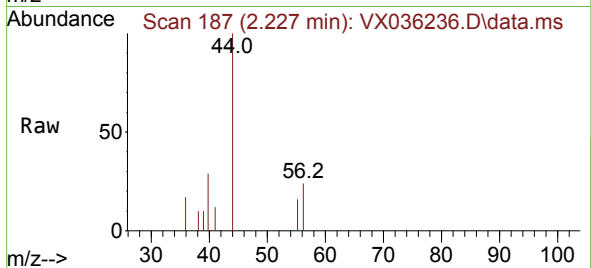




#13
Acrolein
Concen: 0.314 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX036236.D
Acq: 20 Jun 2023 12:33

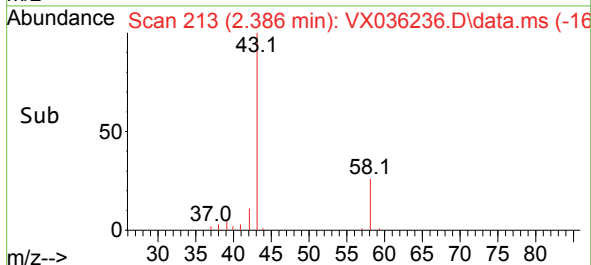
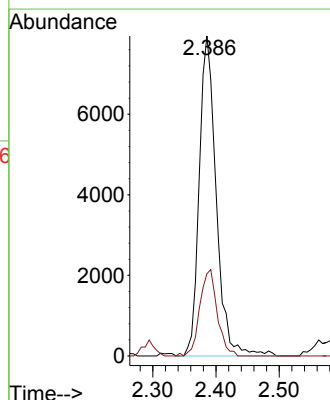
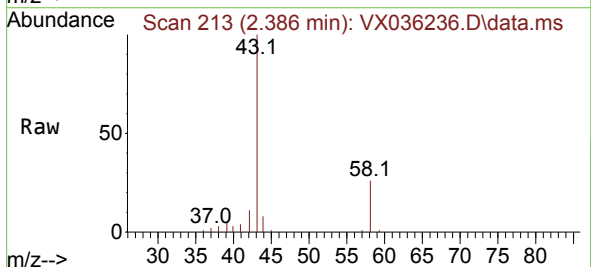
Instrument :
MSVOA_X
ClientSampleId :
TW-1

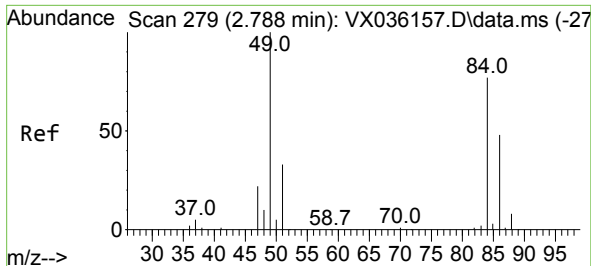
Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 106.0 57.1 85.7#



#16
Acetone
Concen: 16.461 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036236.D
Acq: 20 Jun 2023 12:33

Tgt Ion: 43 Resp: 14862
Ion Ratio Lower Upper
43 100
58 25.7 21.9 32.9

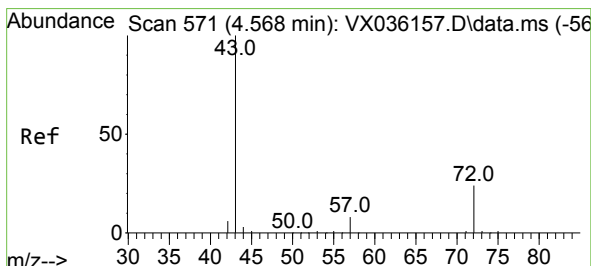
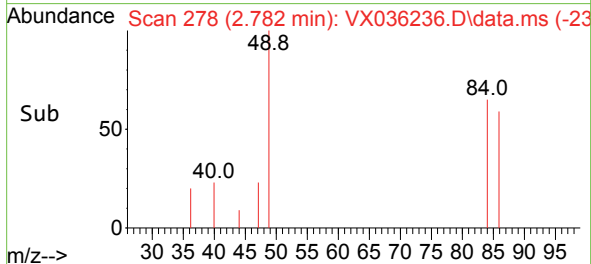
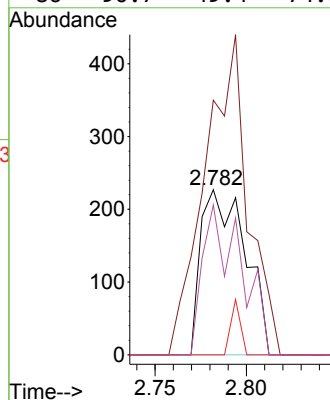
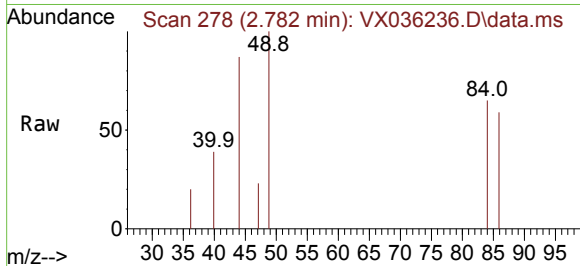




#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036236.D
Acq: 20 Jun 2023 12:33

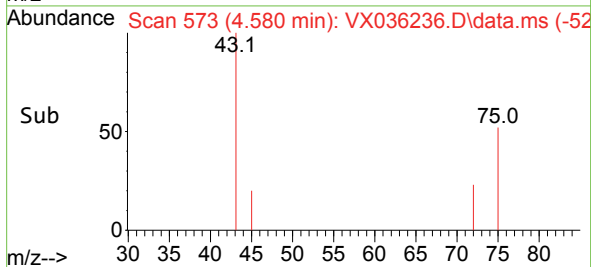
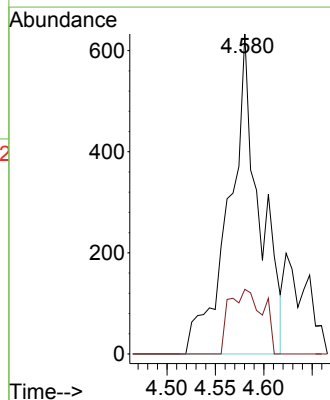
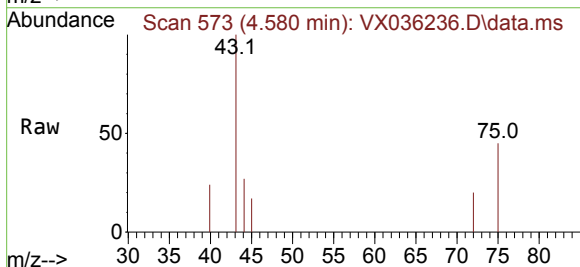
Instrument :
MSVOA_X
ClientSampleId :
TW-1

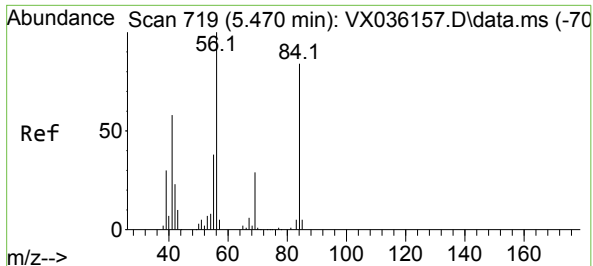
Tgt Ion:	84	Resp:	384
Ion	Ratio	Lower	Upper
84	100		
49	154.2	103.6	155.4
51	0.0	33.8	50.6#
86	90.7	49.4	74.0#



#25
2-Butanone
Concen: 1.081 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX036236.D
Acq: 20 Jun 2023 12:33

Tgt Ion:	43	Resp:	1367
Ion	Ratio	Lower	Upper
43	100		
72	20.2	19.4	29.2

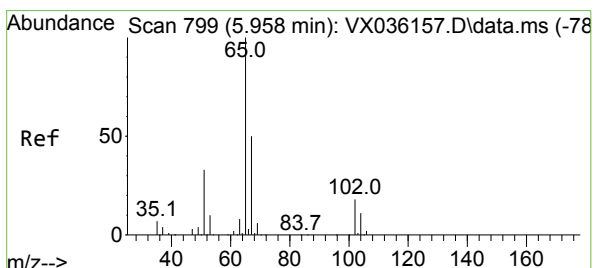
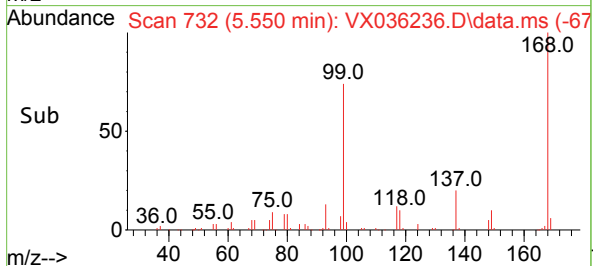
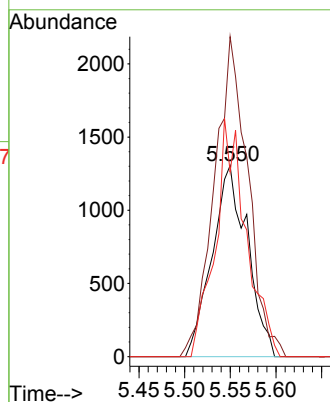
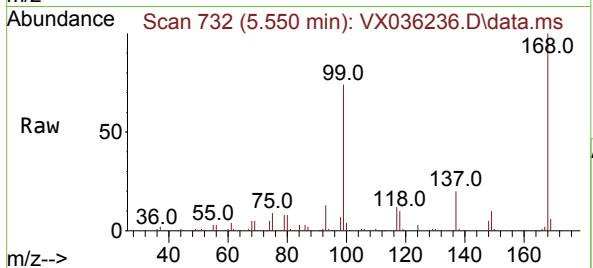




#31
Cyclohexane
Concen: 1.502 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX036236.D
Acq: 20 Jun 2023 12:33

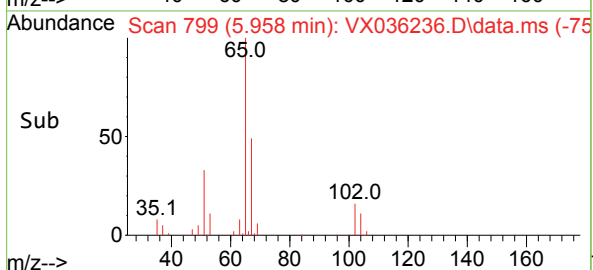
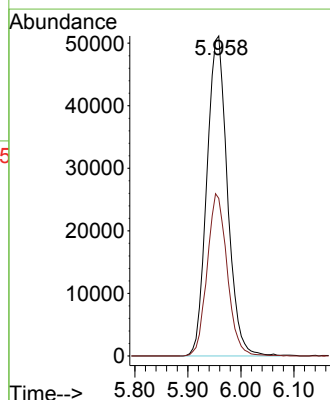
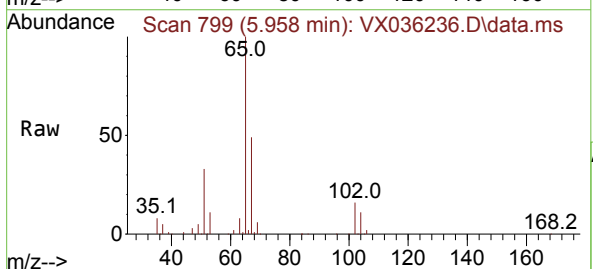
Instrument :
MSVOA_X
ClientSampleId :
TW-1

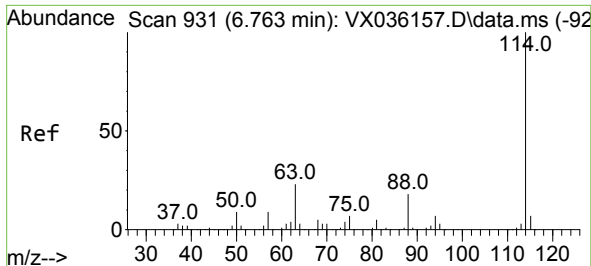
Tgt Ion: 56 Resp: 3501
Ion Ratio Lower Upper
56 100
69 167.4 23.4 35.2#
84 96.6 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 63.389 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036236.D
Acq: 20 Jun 2023 12:33

Tgt Ion: 65 Resp: 137754
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.2

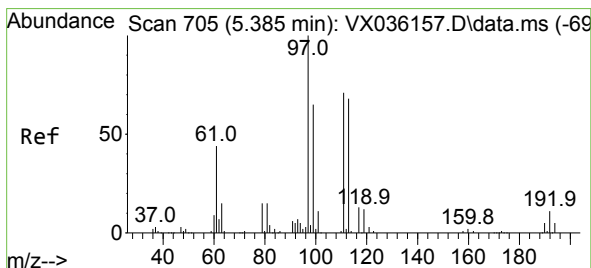
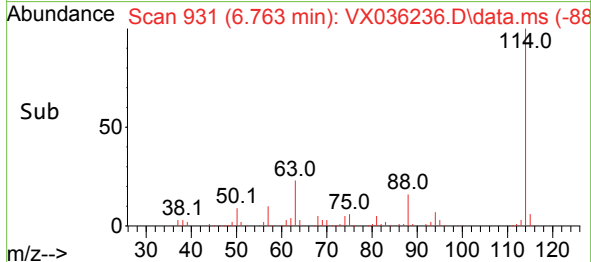
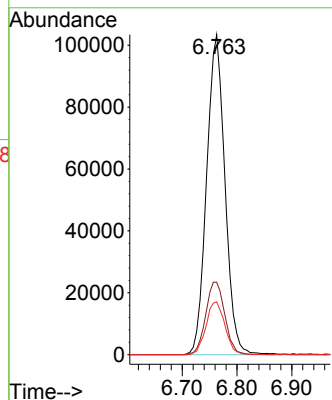
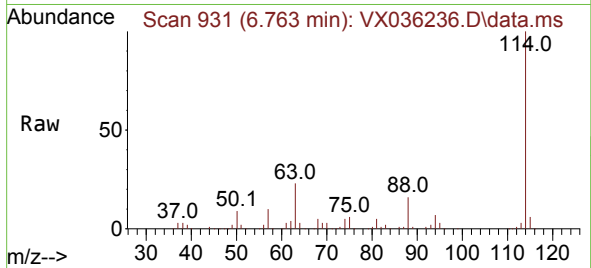




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX036236.D
 Acq: 20 Jun 2023 12:33

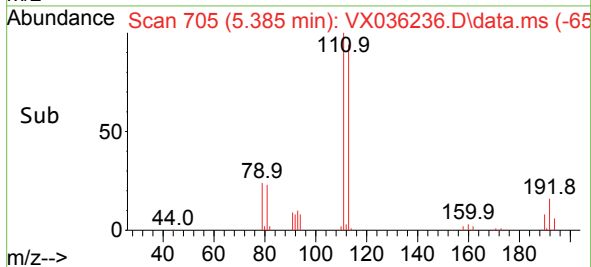
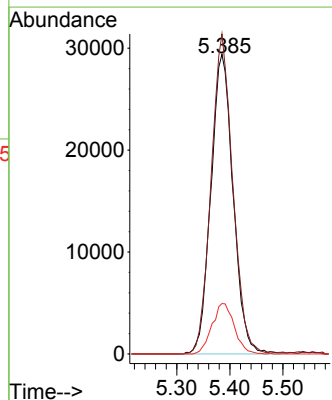
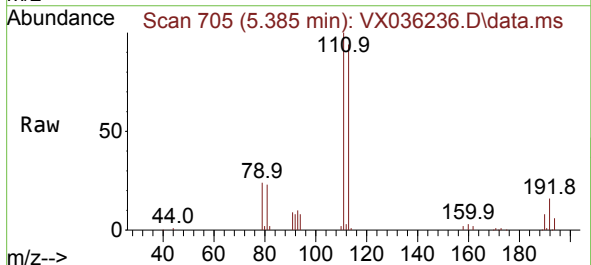
Instrument :
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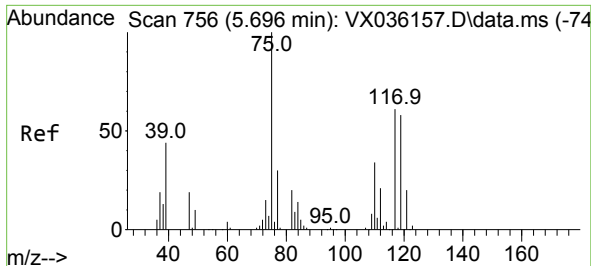
Tgt Ion:114 Resp: 240036
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 16.5 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 52.522 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX036236.D
 Acq: 20 Jun 2023 12:33

Tgt Ion:113 Resp: 85492
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.9 124.3
 192 16.9 13.3 19.9

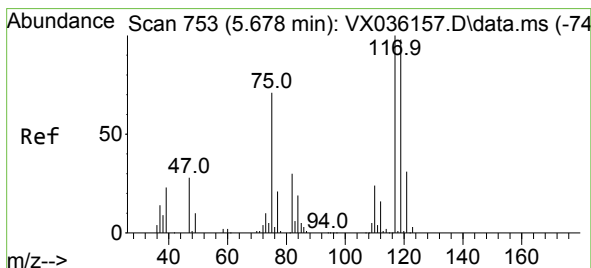
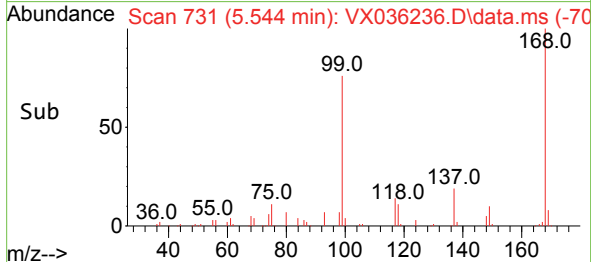
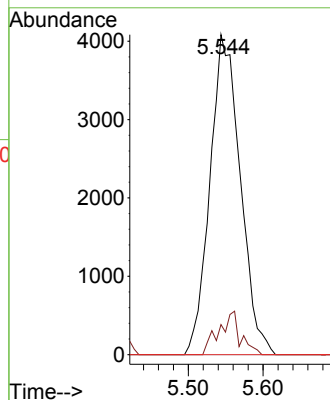
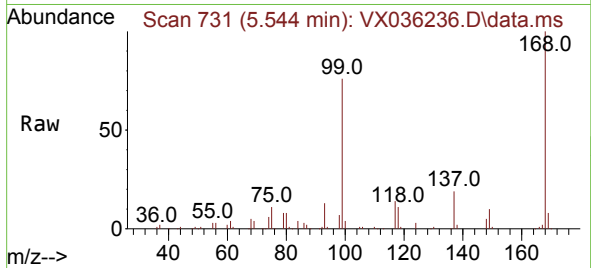




#36
1,1-Dichloropropene
Concen: 4.807 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX036236.D
Acq: 20 Jun 2023 12:33

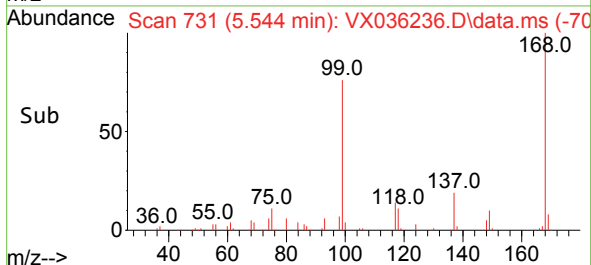
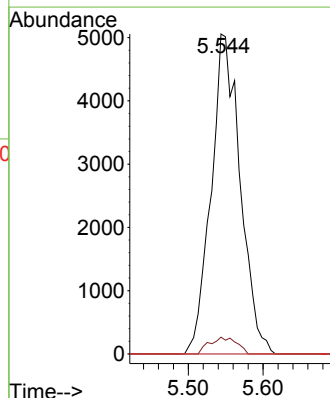
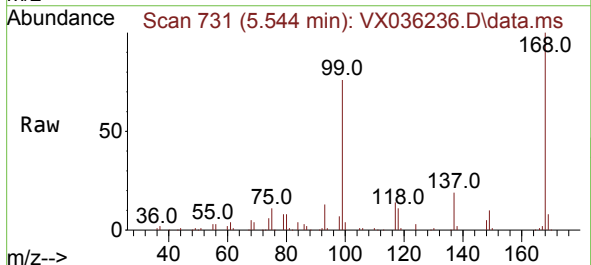
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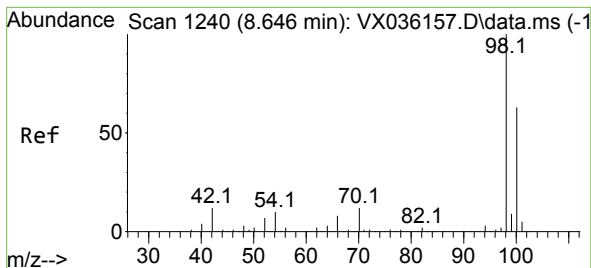
Tgt Ion: 75 Resp: 11525
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX036236.D
Acq: 20 Jun 2023 12:33

Tgt Ion: 117 Resp: 13708
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.070 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX036236.D

Acq: 20 Jun 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

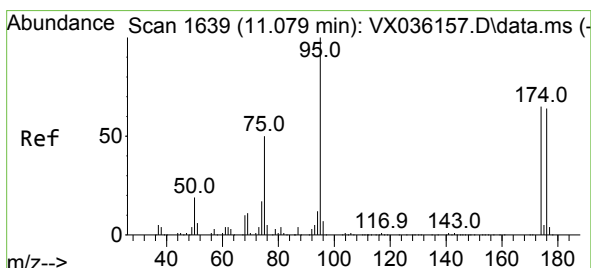
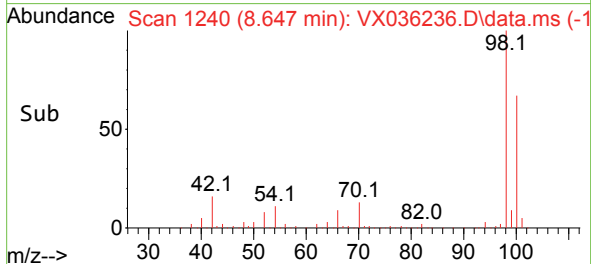
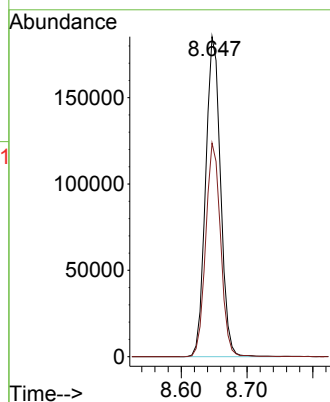
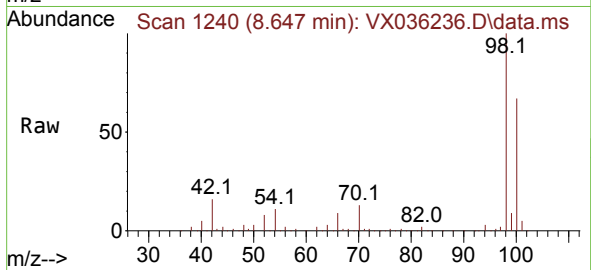
TW-1

Tgt Ion: 98 Resp: 292167

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.145 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036236.D

Acq: 20 Jun 2023 12:33

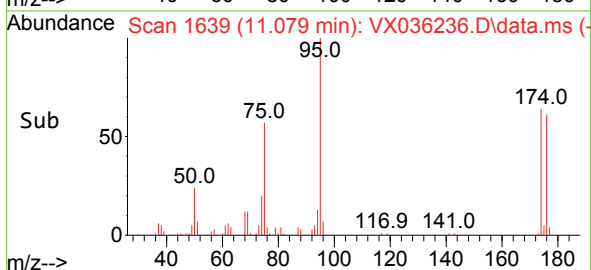
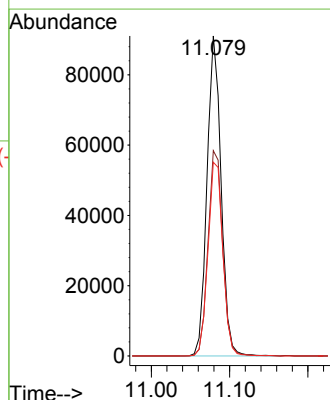
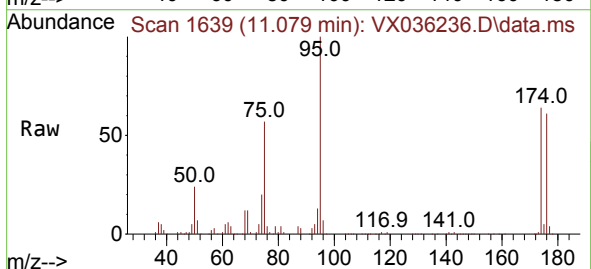
Tgt Ion: 95 Resp: 113310

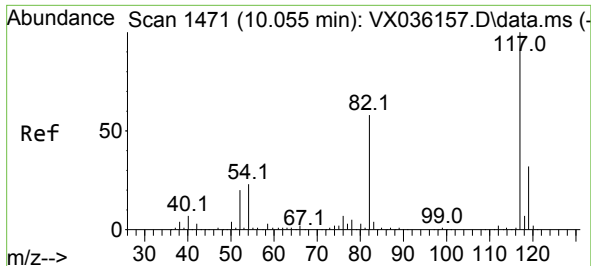
Ion Ratio Lower Upper

95 100

174 66.9 0.0 135.6

176 63.8 0.0 131.0

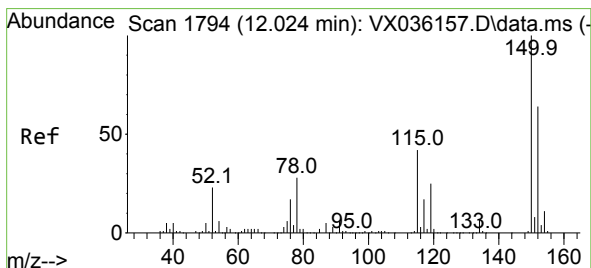
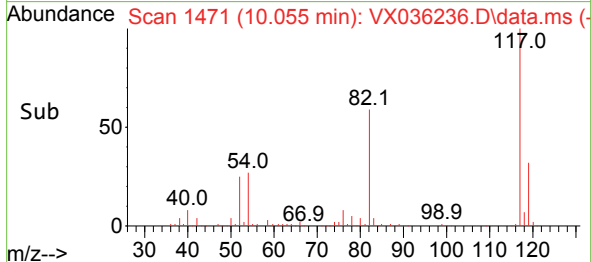
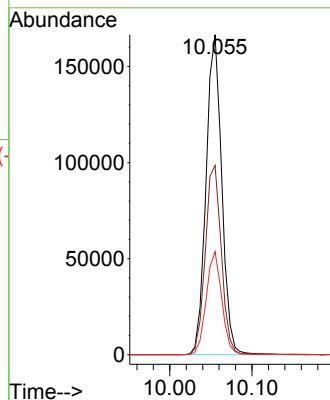
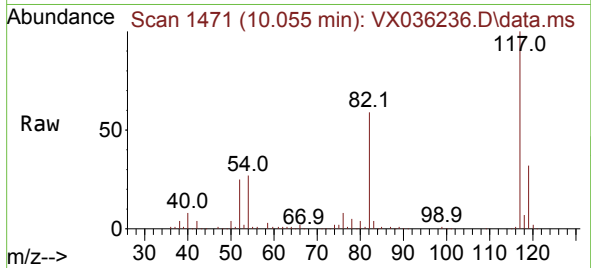




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036236.D
Acq: 20 Jun 2023 12:33

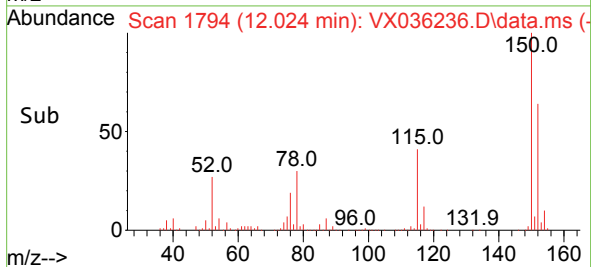
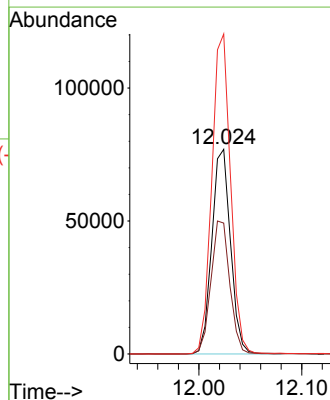
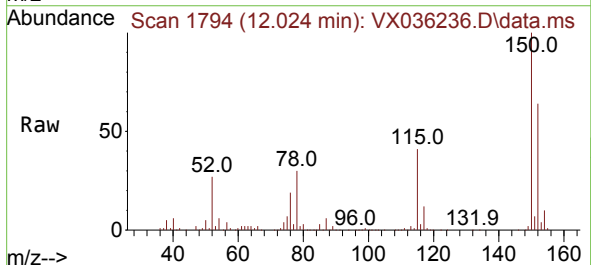
Instrument :
MSVOA_X
ClientSampleId :
TW-1

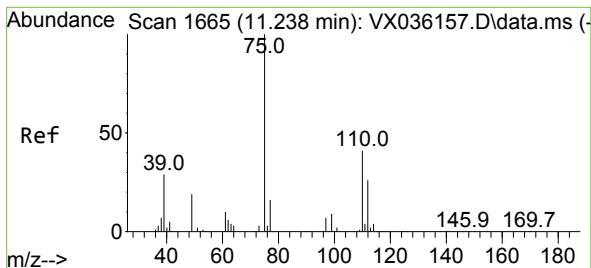
Tgt Ion:117 Resp: 221009
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036236.D
Acq: 20 Jun 2023 12:33

Tgt Ion:152 Resp: 97023
Ion Ratio Lower Upper
152 100
115 65.5 43.3 129.9
150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.219 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036236.D

Acq: 20 Jun 2023 12:33

Instrument :

MSVOA_X

ClientSampleId :

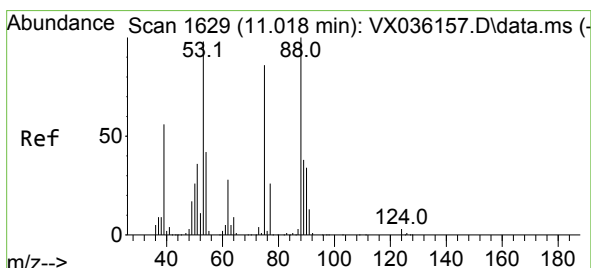
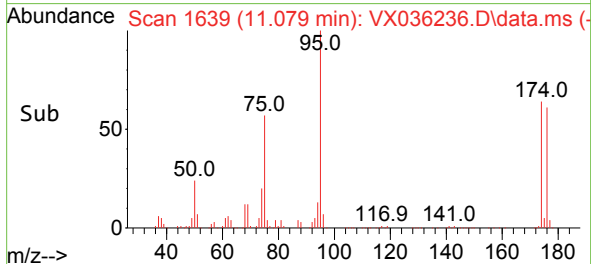
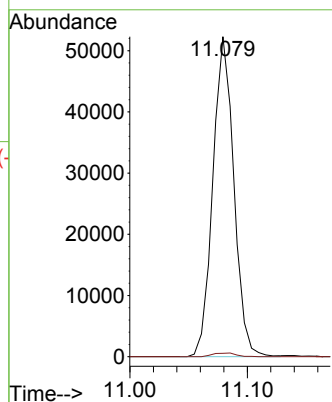
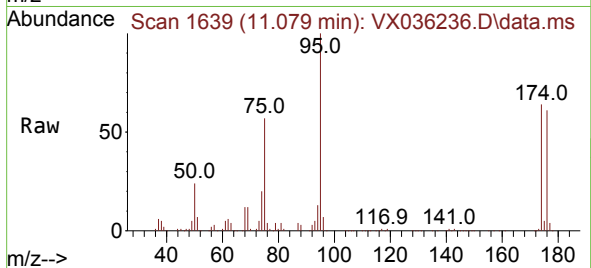
TW-1

Tgt Ion: 75 Resp: 64977

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 98.771 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036236.D

Acq: 20 Jun 2023 12:33

Tgt Ion: 75 Resp: 64977

Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.0 36.9 55.3#

