

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036715.D
 Acq On : 31 Jul 2023 13:11
 Operator : JC/MD
 Sample : 03811-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-03

Quant Time: Aug 01 04:35:50 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)

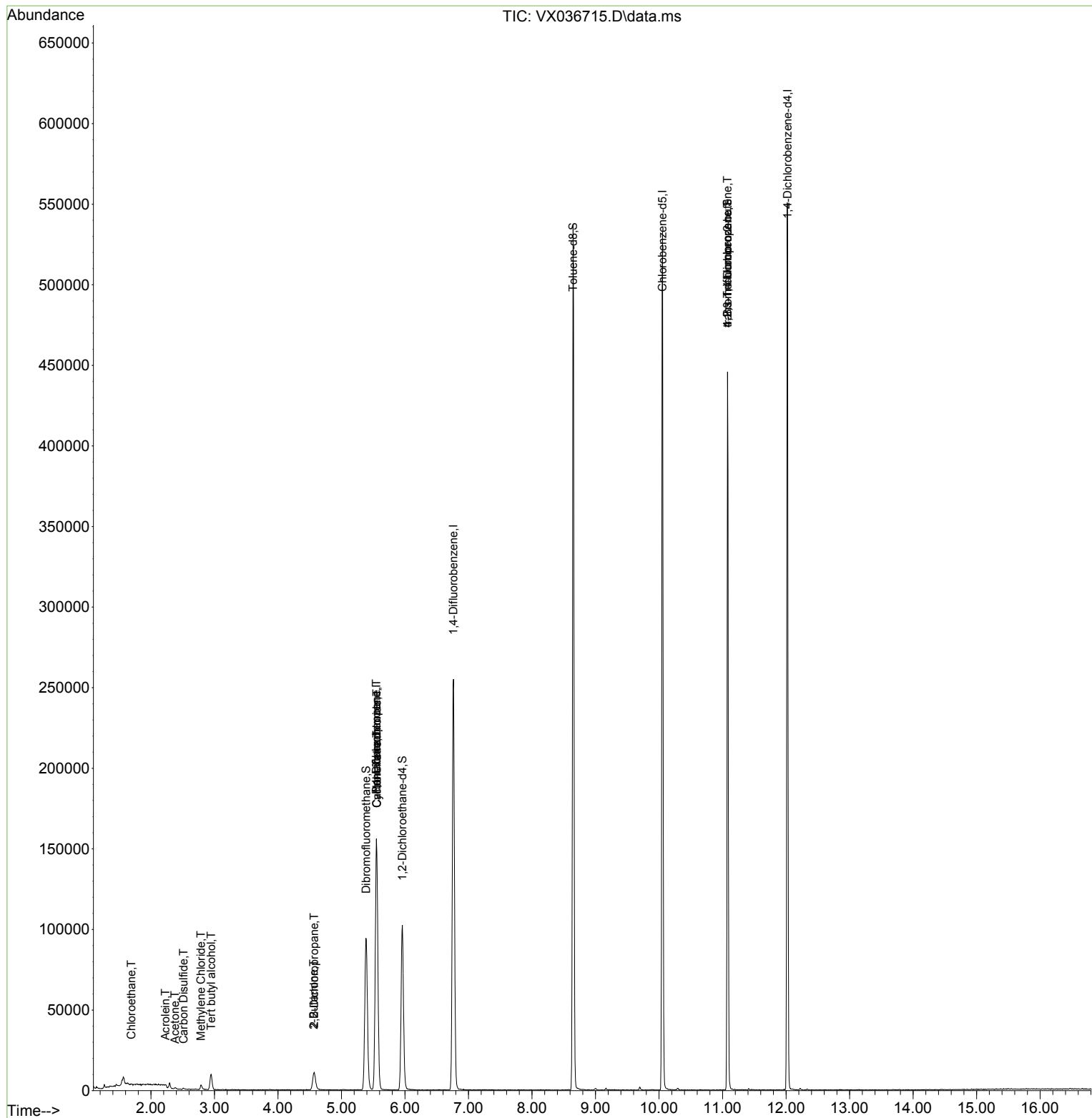
Internal Standards						
1) Pentafluorobenzene	5.550	168	143563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97720	46.003	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.000%
35) Dibromofluoromethane	5.385	113	82712	46.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.520%
50) Toluene-d8	8.647	98	314038	49.524	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.040%
62) 4-Bromofluorobenzene	11.079	95	117469	49.101	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.200%
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	211	0.247	ug/l #	63
11) Tert butyl alcohol	2.947	59	5817	11.567	ug/l #	82
13) Acrolein	2.227	56	421	1.467	ug/l #	57
16) Acetone	2.380	43	855	0.970	ug/l #	46
17) Carbon Disulfide	2.514	76	1161	0.262	ug/l #	76
20) Methylene Chloride	2.788	84	1478	0.754	ug/l #	82
25) 2-Butanone	4.562	43	1208	0.845	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	898	0.283	ug/l #	54
31) Cyclohexane	5.556	56	3344	1.137	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	11990	4.499	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15230	5.375	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	61750	23.569	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61750	53.421	ug/l #	5

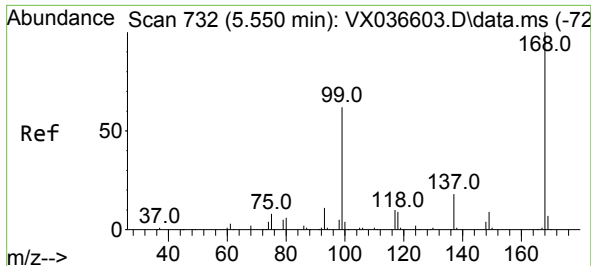
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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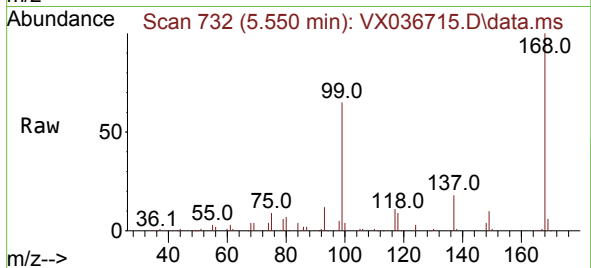
Quant Time: Aug 01 04:35:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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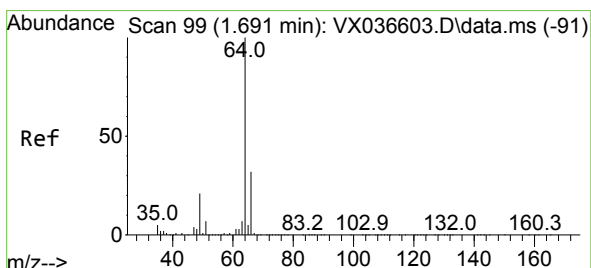
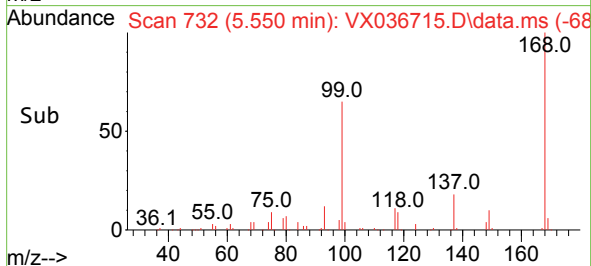
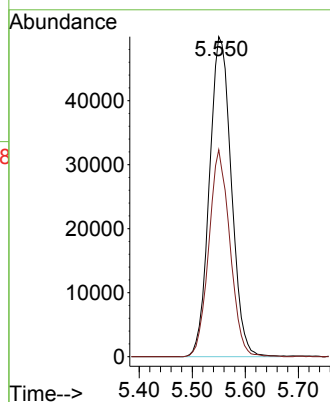


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
TB-03

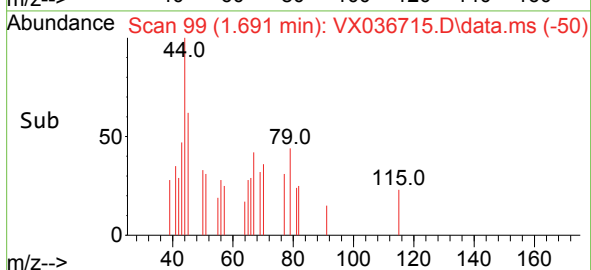
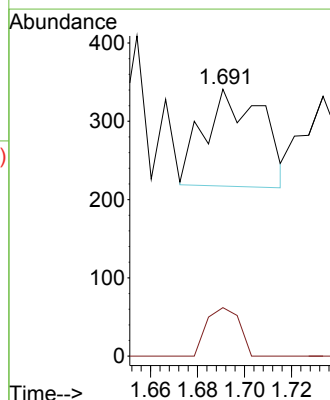
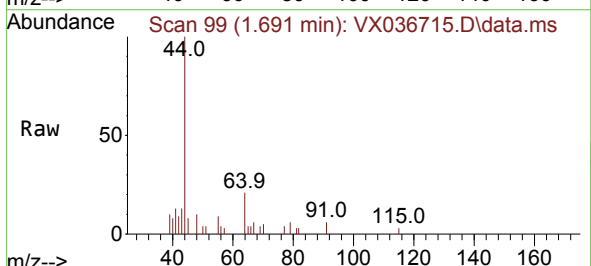


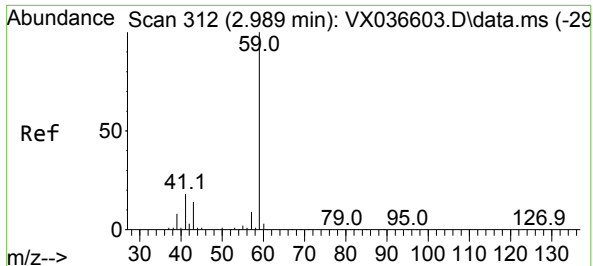
Tgt Ion:168 Resp: 143563
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0



#6
Chloroethane
Concen: 0.247 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

Tgt Ion: 64 Resp: 211
Ion Ratio Lower Upper
64 100
66 52.1 25.1 37.7#

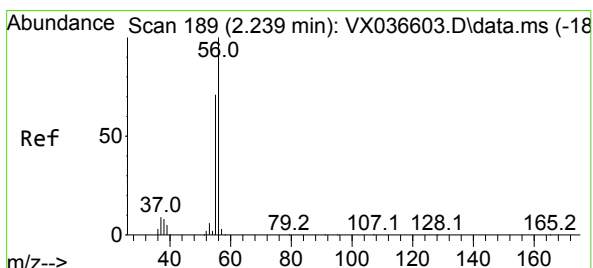
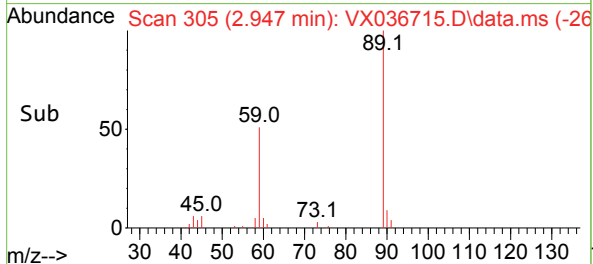
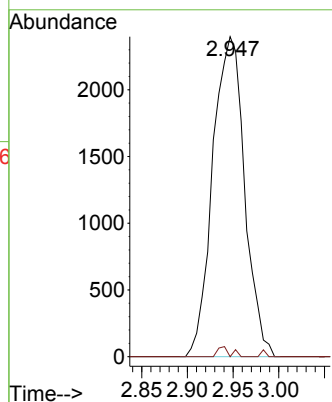
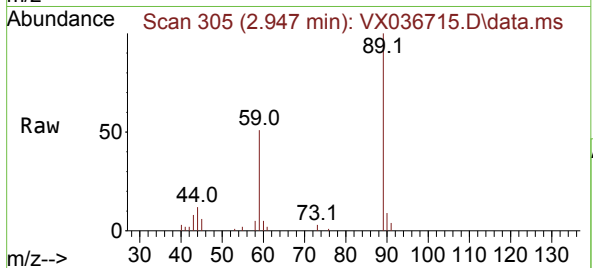




#11
Tert butyl alcohol
Concen: 11.567 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

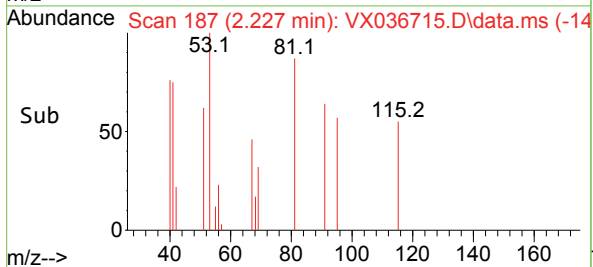
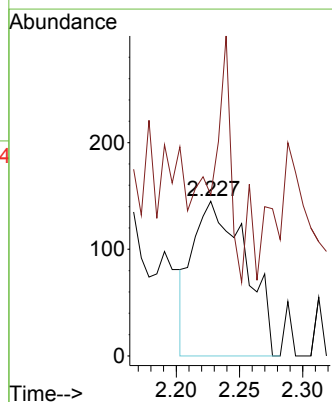
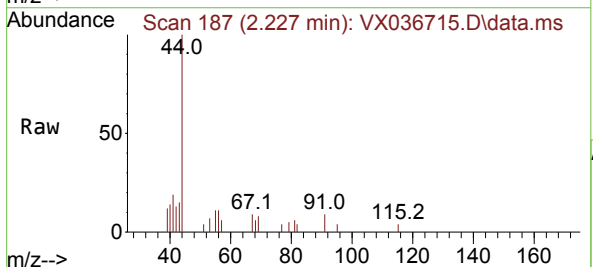
Instrument :
MSVOA_X
ClientSampleId :
TB-03

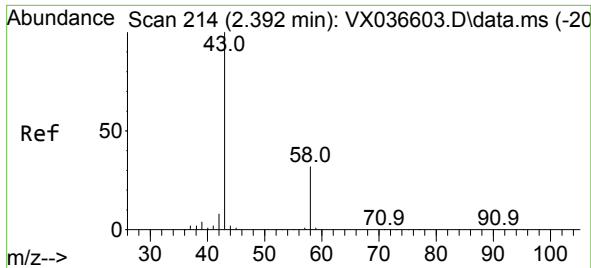
Tgt Ion: 59 Resp: 5817
Ion Ratio Lower Upper
59 100
57 1.2 6.0 9.0#



#13
Acrolein
Concen: 1.467 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

Tgt Ion: 56 Resp: 421
Ion Ratio Lower Upper
56 100
55 35.6 57.1 85.7#

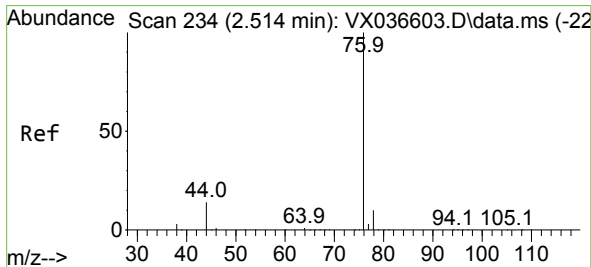
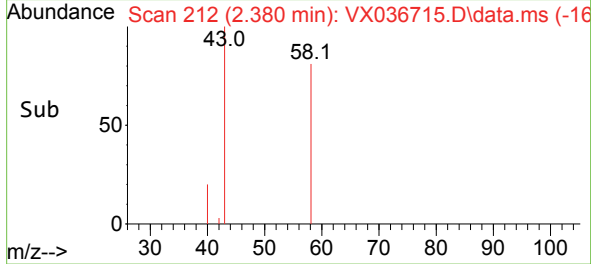
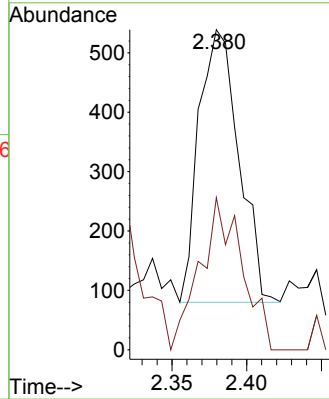
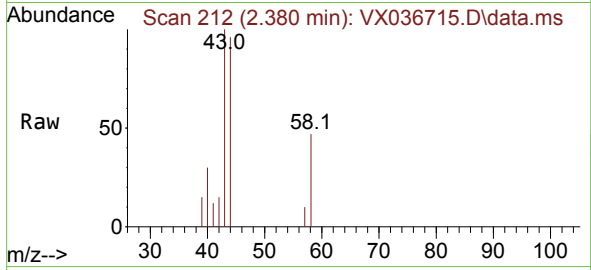




#16
Acetone
Concen: 0.970 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

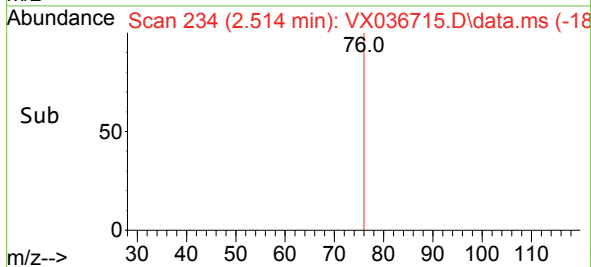
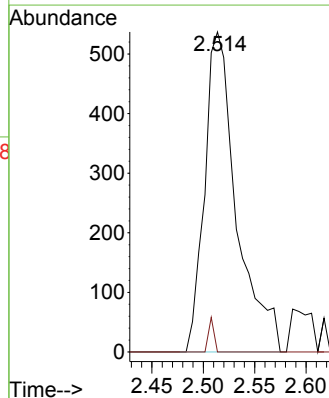
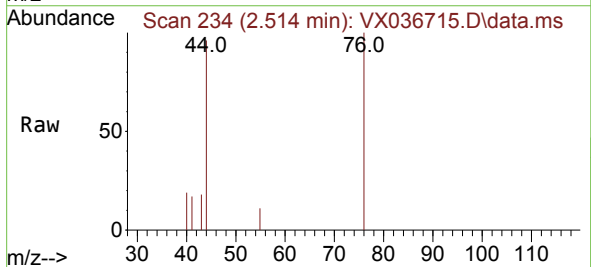
Instrument :
MSVOA_X
ClientSampleId :
TB-03

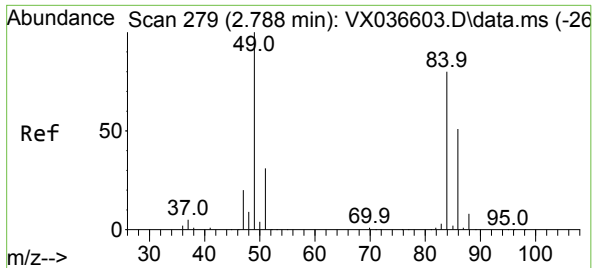
Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
58 55.8 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

Tgt Ion: 76 Resp: 1161
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

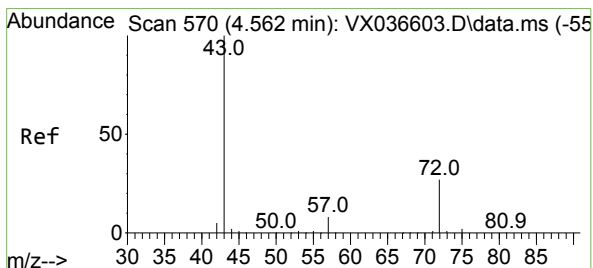
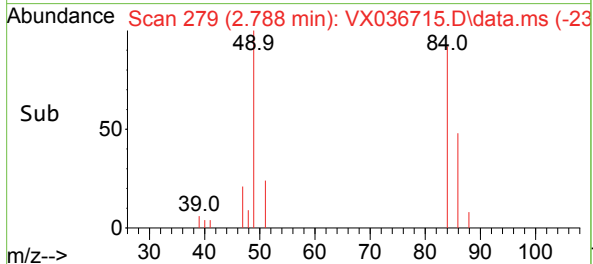
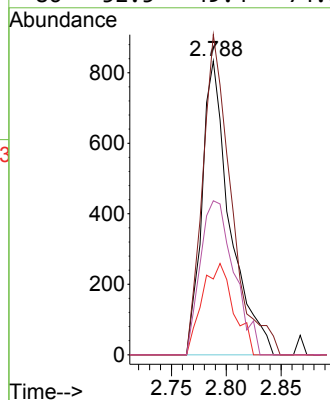
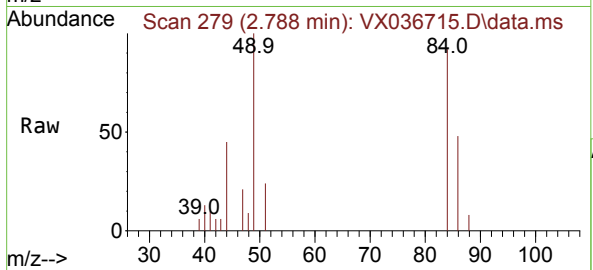




#20
Methylene Chloride
Concen: 0.754 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

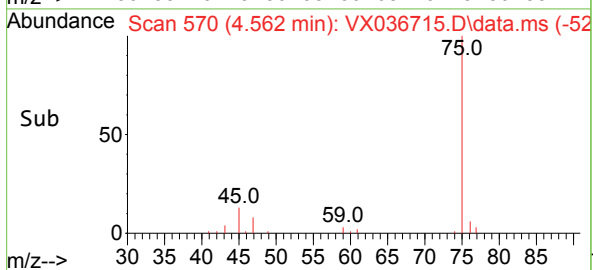
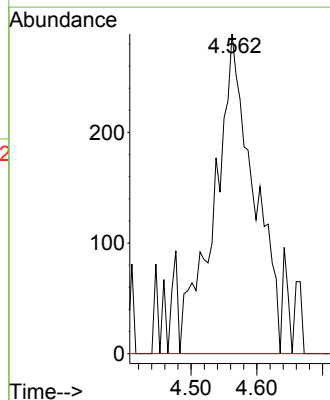
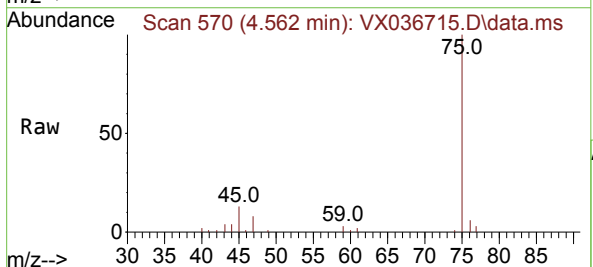
Instrument :
MSVOA_X
ClientSampleId :
TB-03

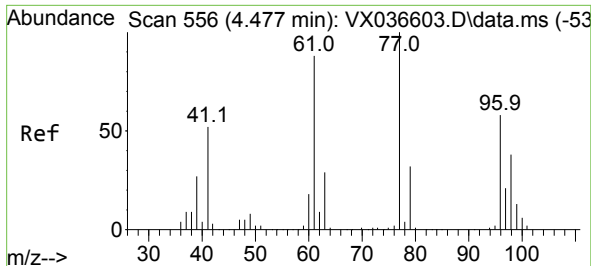
Tgt Ion:	84	Resp:	1478
Ion	Ratio	Lower	Upper
84	100		
49	109.0	103.6	155.4
51	25.8	33.8	50.6#
86	52.5	49.4	74.0



#25
2-Butanone
Concen: 0.845 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

Tgt Ion:	43	Resp:	1208
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

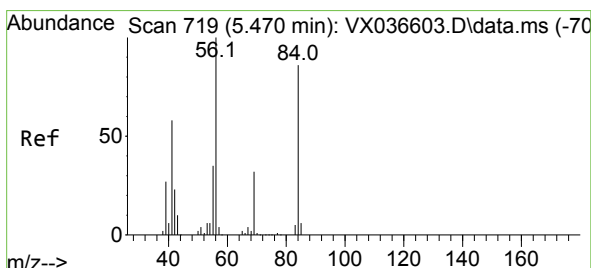
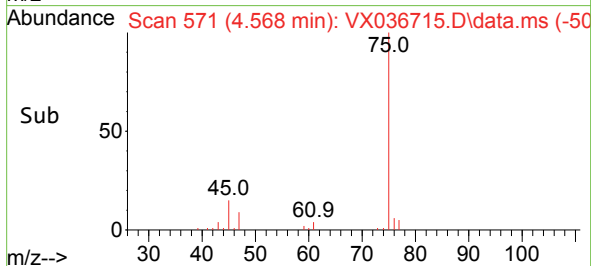
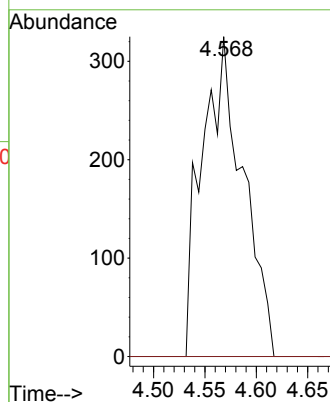
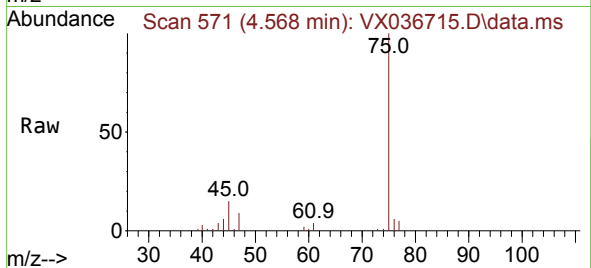




#26
2,2-Dichloropropane
Concen: 0.283 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.092 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

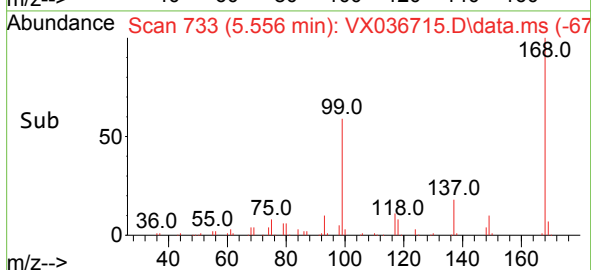
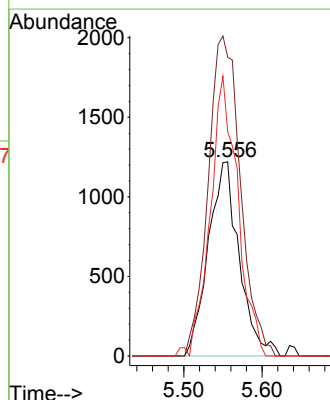
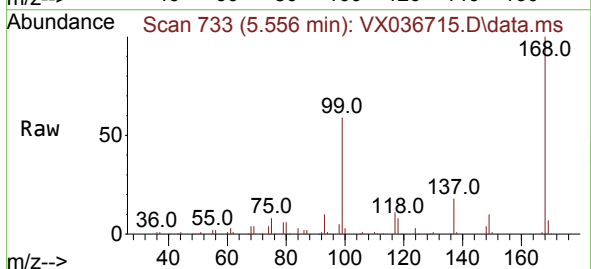
Instrument :
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ClientSampleId :
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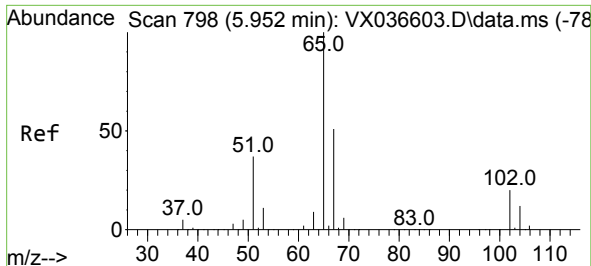
Tgt Ion: 77 Resp: 898
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.137 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

Tgt Ion: 56 Resp: 3344
Ion Ratio Lower Upper
56 100
69 153.9 23.4 35.2#
84 115.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.003 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036715.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

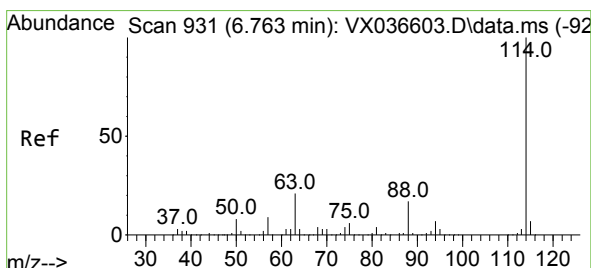
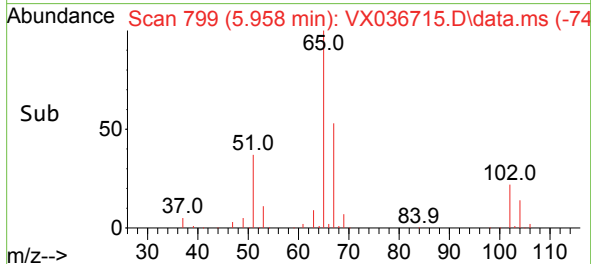
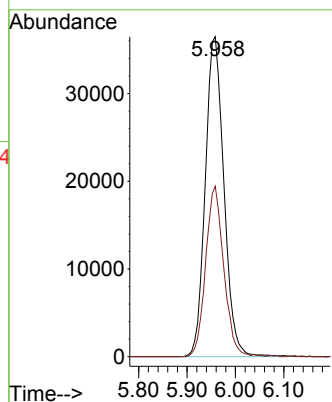
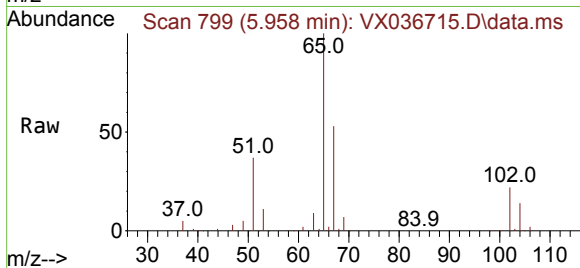
TB-03

Tgt Ion: 65 Resp: 97720

Ion Ratio Lower Upper

65 100

67 51.6 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: VX036715.D

Acq: 31 Jul 2023 13:11

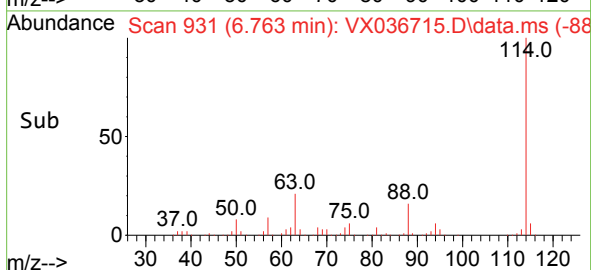
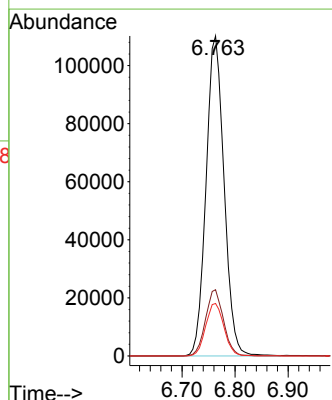
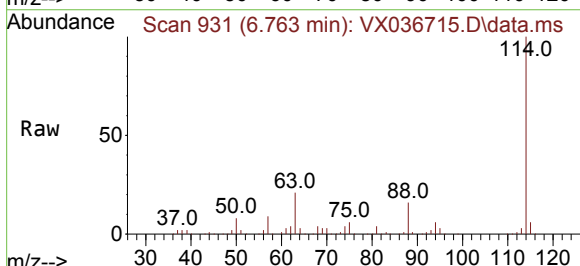
Tgt Ion: 114 Resp: 260152

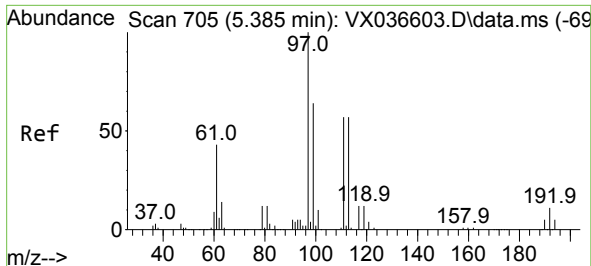
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.4 0.0 36.6

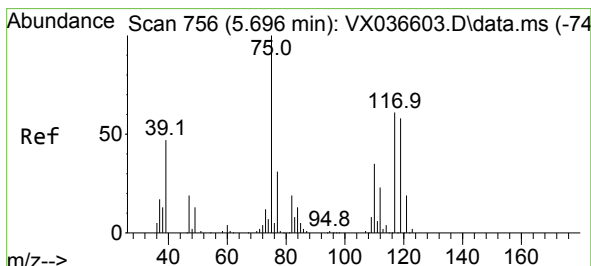
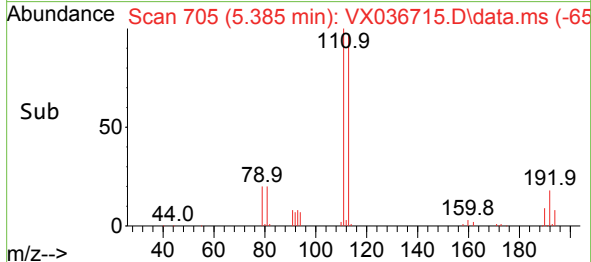
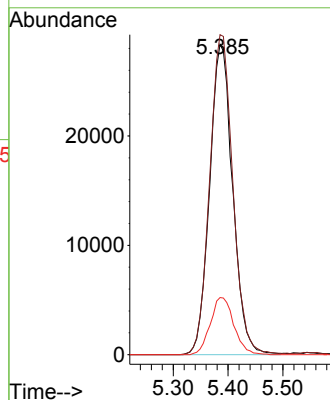
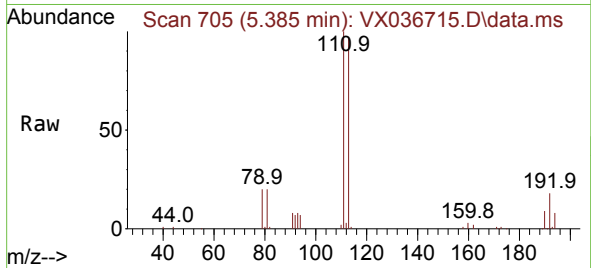




#35
Dibromofluoromethane
Concen: 46.256 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

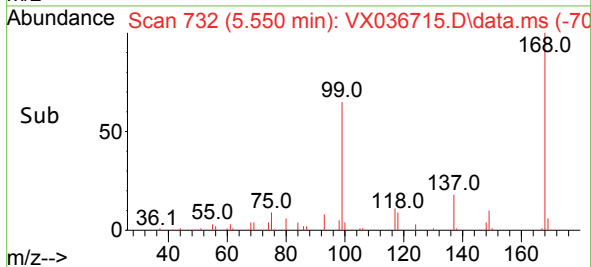
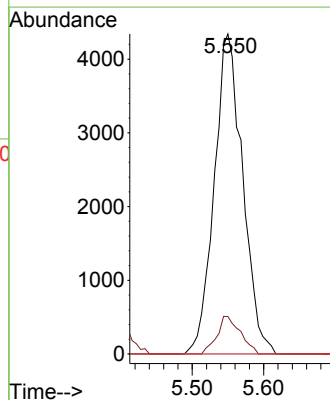
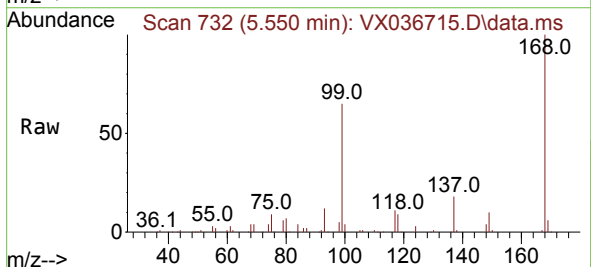
Instrument :
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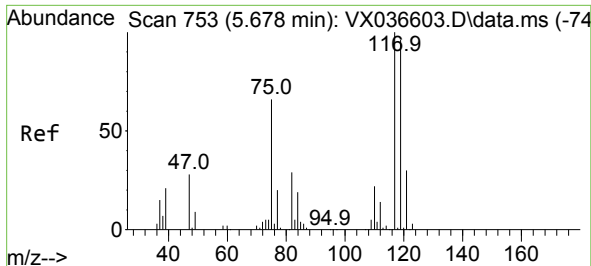
Tgt Ion:113 Resp: 82712
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.499 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

Tgt Ion: 75 Resp: 11990
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#

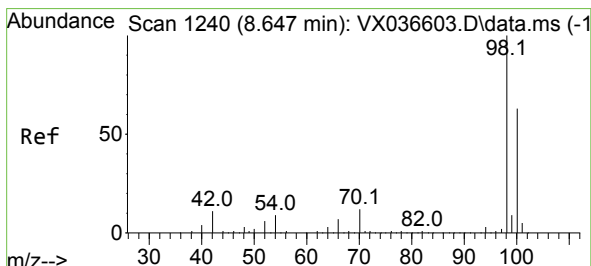
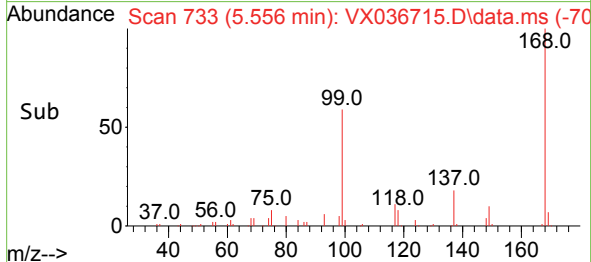
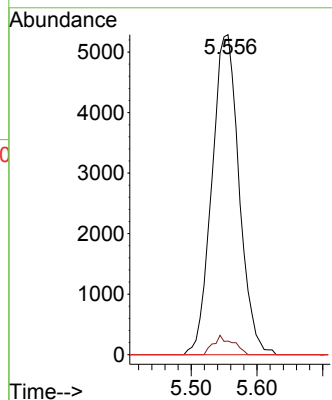
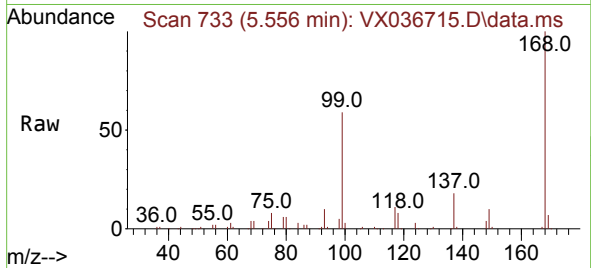




#38
Carbon Tetrachloride
Concen: 5.375 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

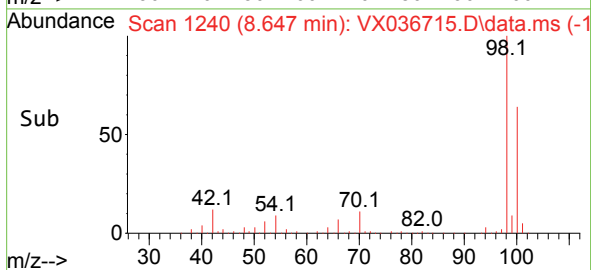
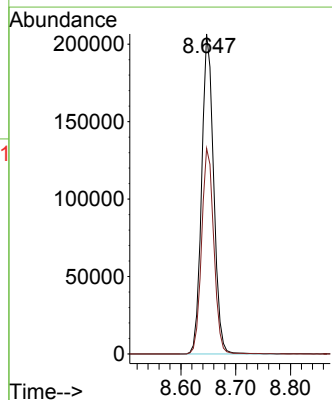
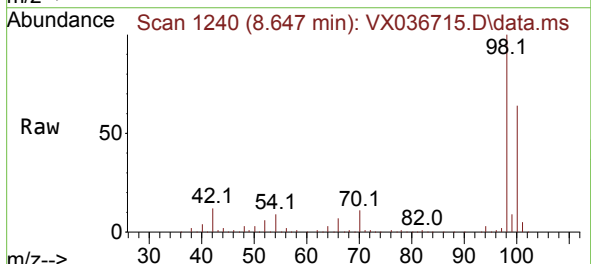
Instrument :
MSVOA_X
ClientSampleId :
TB-03

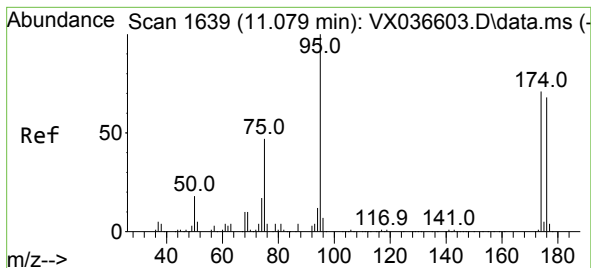
Tgt Ion:117 Resp: 15230
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.524 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

Tgt Ion: 98 Resp: 314038
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7

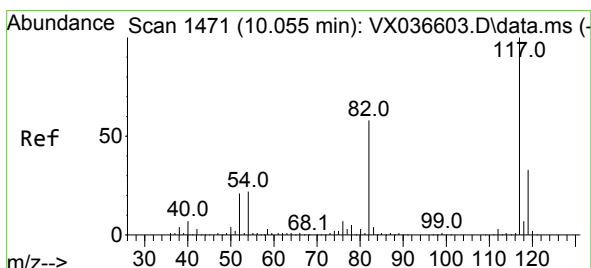
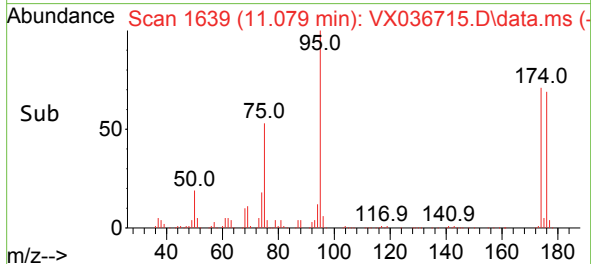
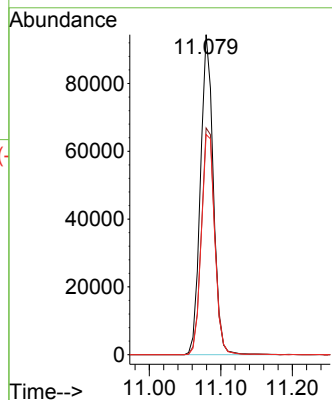
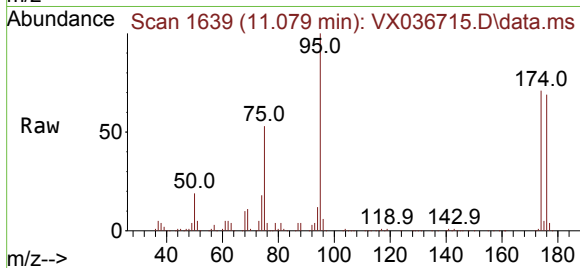




#62
4-Bromofluorobenzene
Concen: 49.101 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

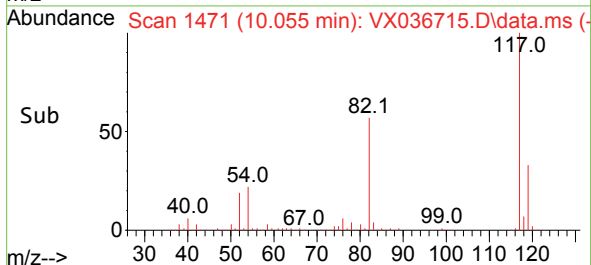
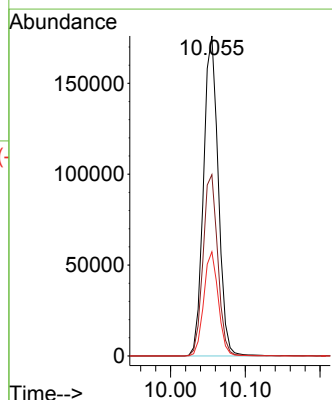
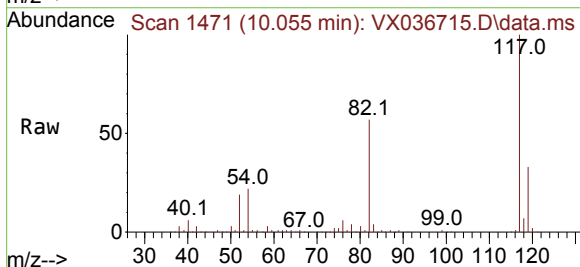
Instrument :
MSVOA_X
ClientSampleId :
TB-03

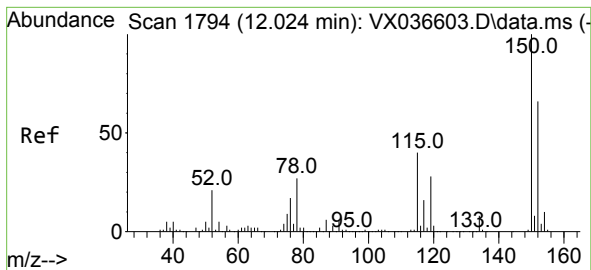
Tgt Ion: 95 Resp: 117469
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 71.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036715.D
Acq: 31 Jul 2023 13:11

Tgt Ion: 117 Resp: 241109
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.6 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: VX036715.D

Acq: 31 Jul 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

TB-03

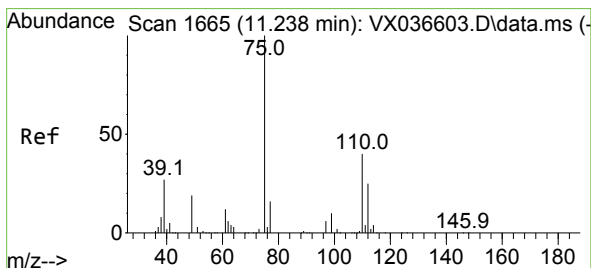
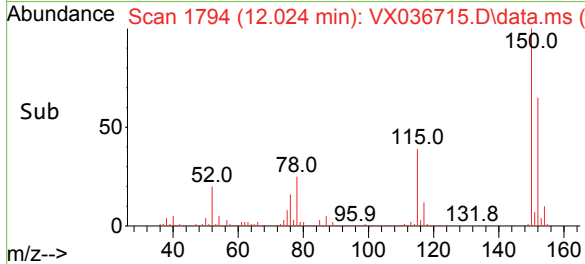
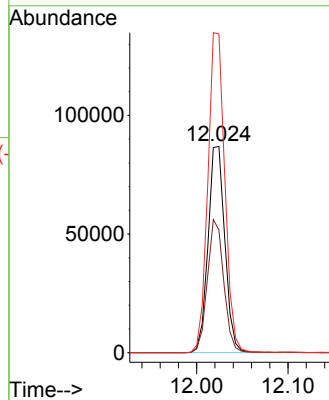
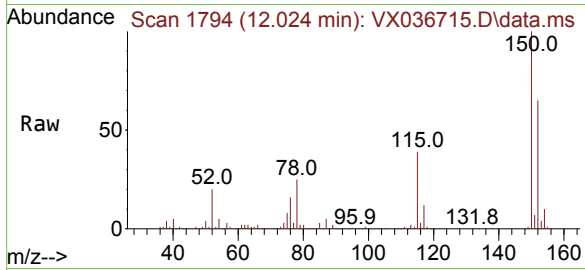
Tgt Ion:152 Resp: 111387

Ion Ratio Lower Upper

152 100

115 62.9 43.3 129.9

150 156.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.569 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036715.D

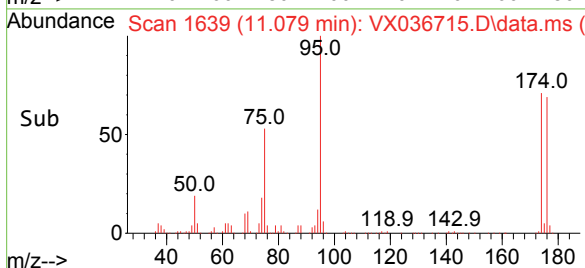
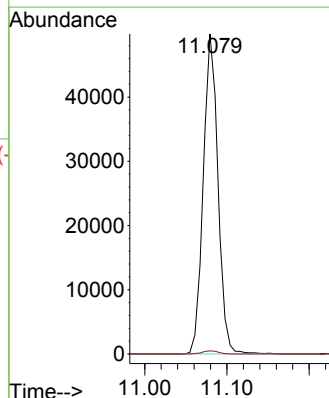
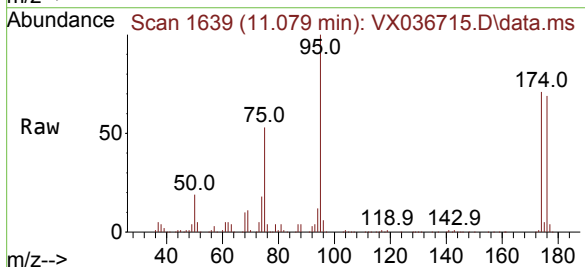
Acq: 31 Jul 2023 13:11

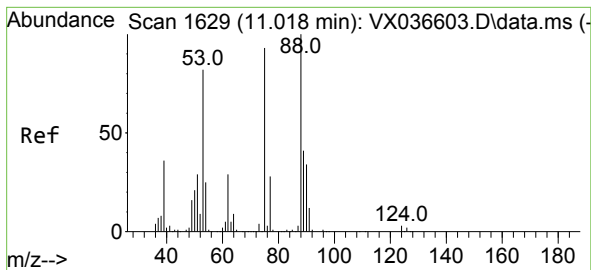
Tgt Ion: 75 Resp: 61750

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.421 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036715.D
 Acq: 31 Jul 2023 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-03

Tgt Ion: 75 Resp: 61750
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

