

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036689.D
 Acq On : 27 Jul 2023 20:20
 Operator : JC/MD
 Sample : 03811-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 06:17:15 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)

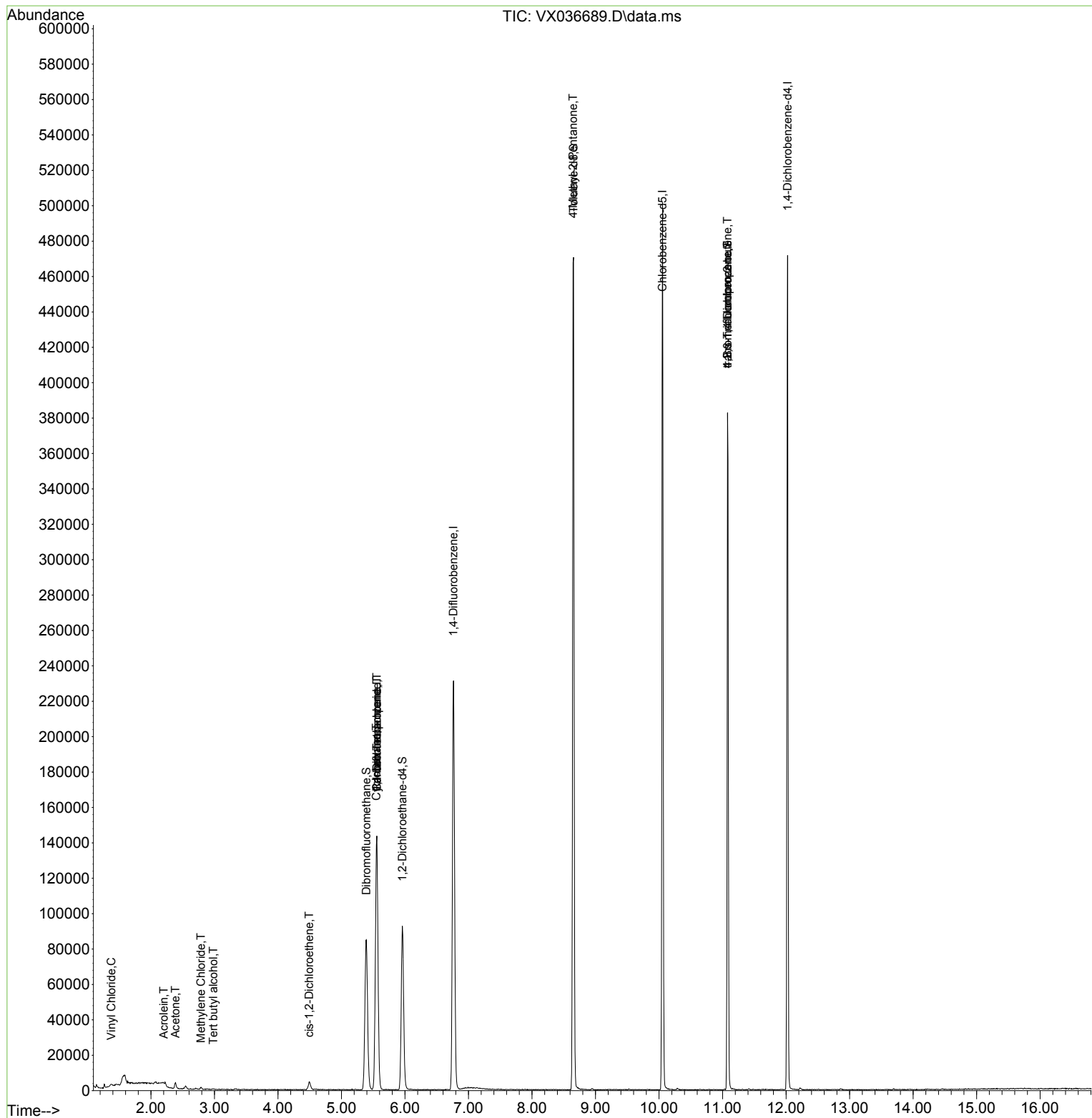
Internal Standards						
1) Pentafluorobenzene	5.556	168	133066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239554	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88186	44.789	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	89.580%	
35) Dibromofluoromethane	5.391	113	75249	45.701	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.400%	
50) Toluene-d8	8.653	98	287473	49.233	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.460%	
62) 4-Bromofluorobenzene	11.079	95	104380	47.381	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	94.760%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.373	62	760	0.467	ug/l	92
11) Tert butyl alcohol	2.983	59	168	0.360	ug/l #	78
13) Acrolein	2.202	56	74	0.278	ug/l	87
16) Acetone	2.385	43	3798	4.649	ug/l	97
20) Methylene Chloride	2.788	84	456	0.251	ug/l #	88
27) cis-1,2-Dichloroethene	4.489	96	2890	1.461	ug/l	78
31) Cyclohexane	5.549	56	3036	1.114	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	10910	4.445	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14523	5.566	ug/l #	15
51) 4-Methyl-2-Pentanone	8.646	43	1894	0.716	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54615	24.721	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54615	56.031	ug/l #	5

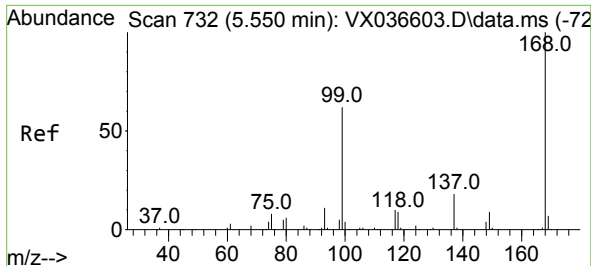
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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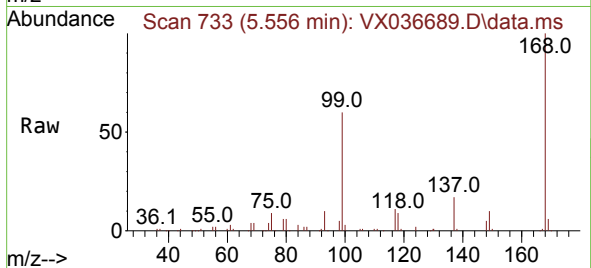
Quant Time: Jul 28 06:17:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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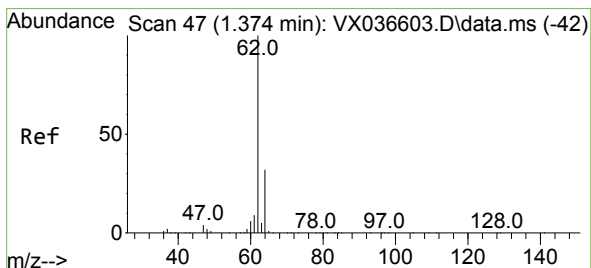
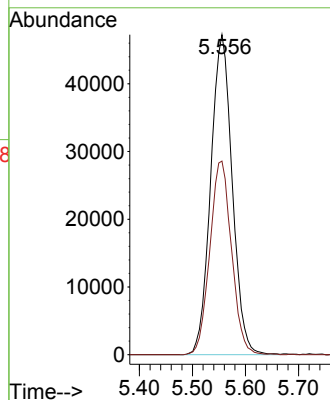
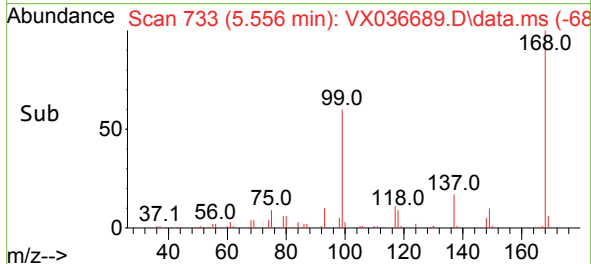


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036689.D
Acq: 27 Jul 2023 20:20

Instrument :
MSVOA_X
ClientSampleId :

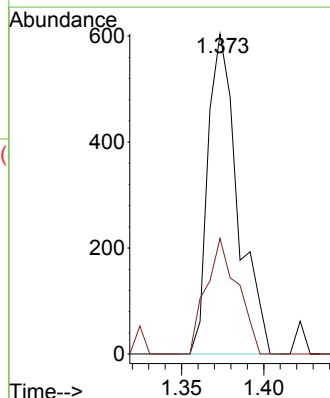
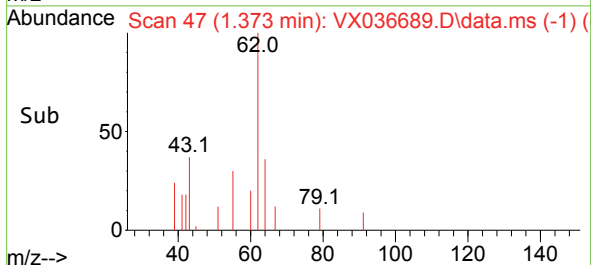
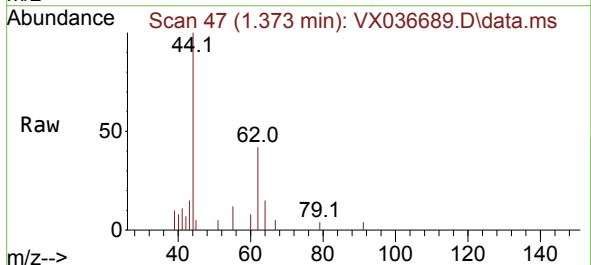


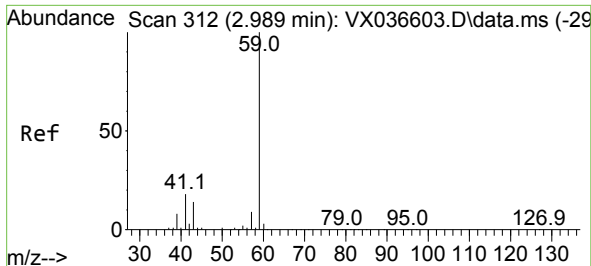
Tgt Ion:168 Resp: 133066
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#4
Vinyl Chloride
Concen: 0.467 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036689.D
Acq: 27 Jul 2023 20:20

Tgt Ion: 62 Resp: 760
Ion Ratio Lower Upper
62 100
64 36.1 25.4 38.0





#11

Tert butyl alcohol

Concen: 0.360 ug/l

RT: 2.983 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX036689.D

Acq: 27 Jul 2023 20:20

Instrument :

MSVOA_X

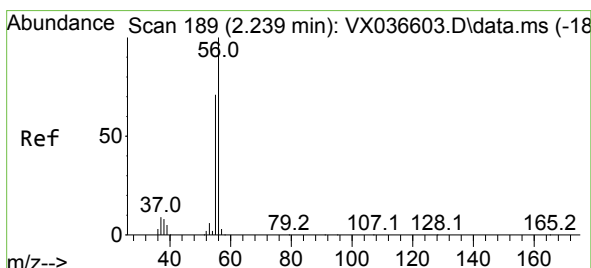
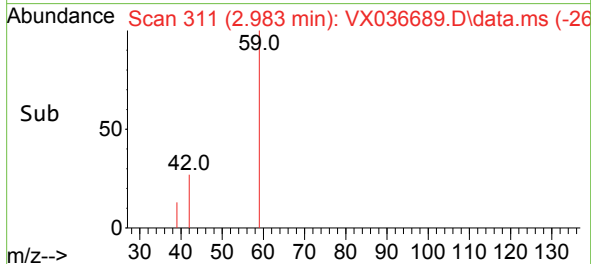
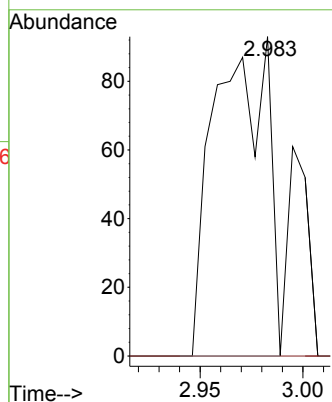
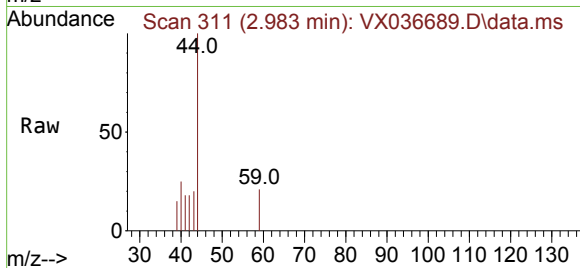
ClientSampleId :

Tgt Ion: 59 Resp: 168

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.278 ug/l

RT: 2.202 min Scan# 183

Delta R.T. -0.037 min

Lab File: VX036689.D

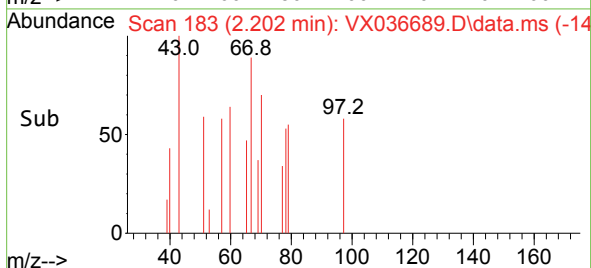
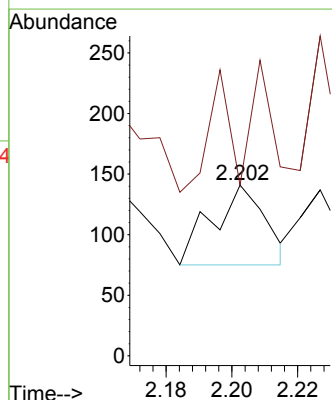
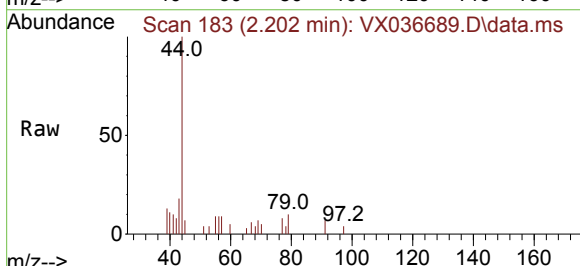
Acq: 27 Jul 2023 20:20

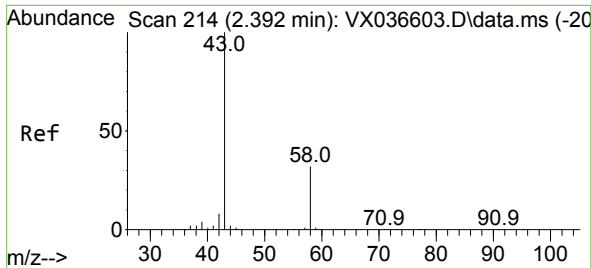
Tgt Ion: 56 Resp: 74

Ion Ratio Lower Upper

56 100

55 60.8 57.1 85.7

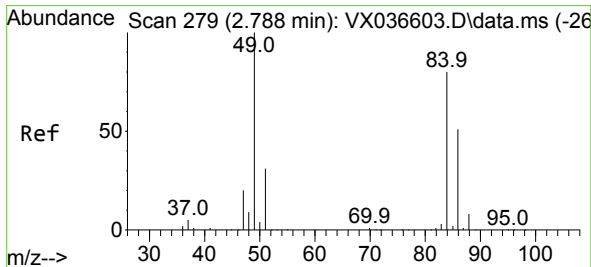
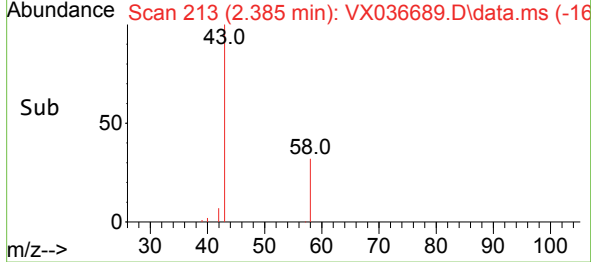
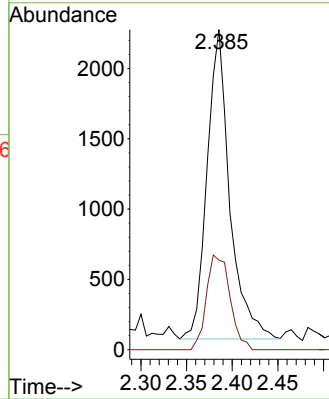
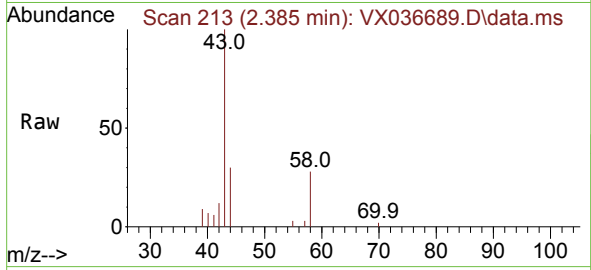




#16
Acetone
Concen: 4.649 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036689.D
Acq: 27 Jul 2023 20:20

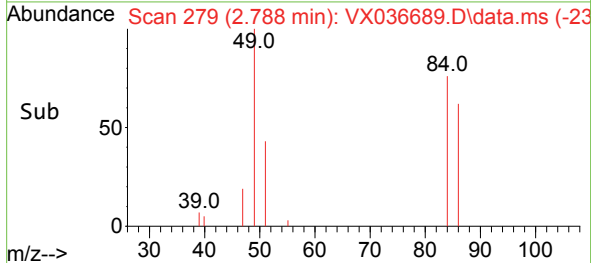
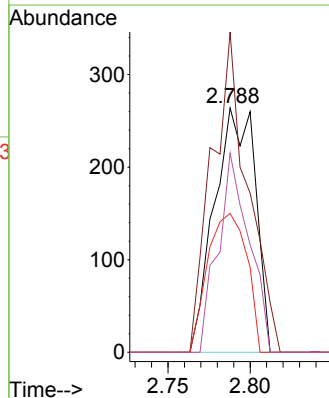
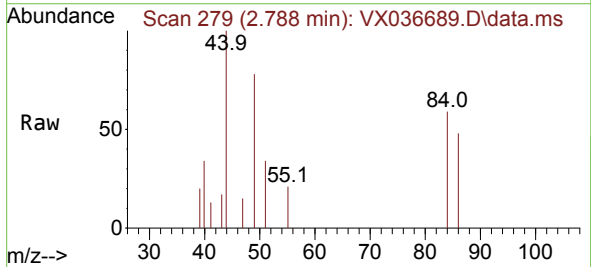
Instrument :
MSVOA_X
ClientSampleId :

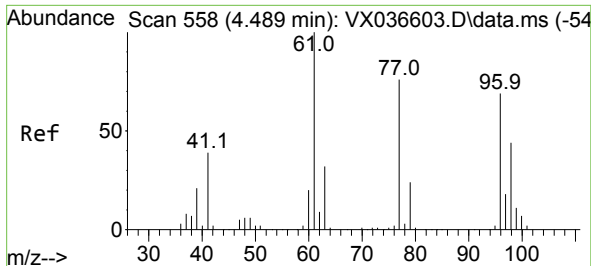
Tgt Ion: 43 Resp: 3798
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9



#20
Methylene Chloride
Concen: 0.251 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036689.D
Acq: 27 Jul 2023 20:20

Tgt Ion: 84 Resp: 456
Ion Ratio Lower Upper
84 100
49 131.1 103.6 155.4
51 56.8 33.8 50.6#
86 81.4 49.4 74.0#





#27

cis-1,2-Dichloroethene

Concen: 1.461 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

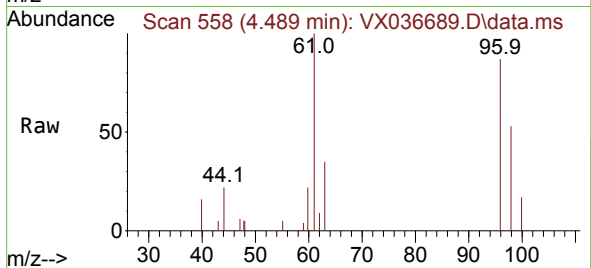
Lab File: VX036689.D

Acq: 27 Jul 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :



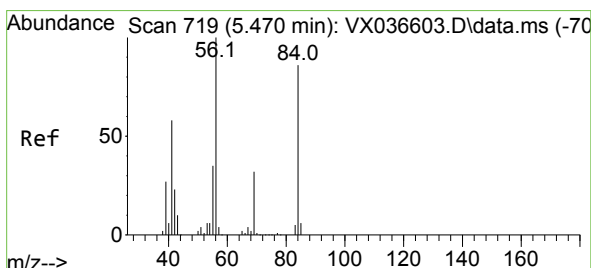
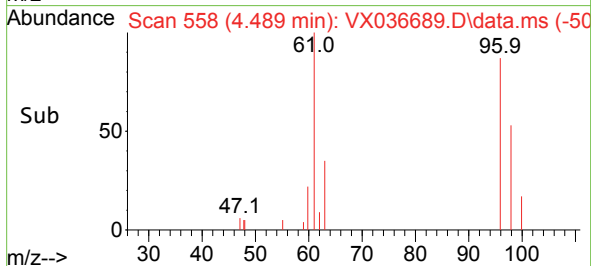
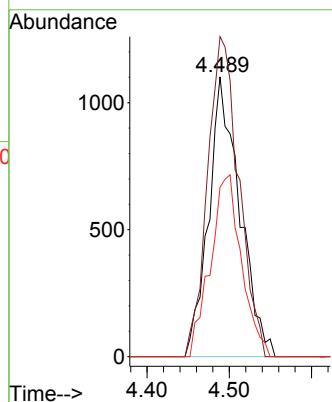
Tgt Ion: 96 Resp: 2890

Ion Ratio Lower Upper

96 100

61 115.1 0.0 312.2

98 64.9 0.0 129.0



#31

Cyclohexane

Concen: 1.114 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX036689.D

Acq: 27 Jul 2023 20:20

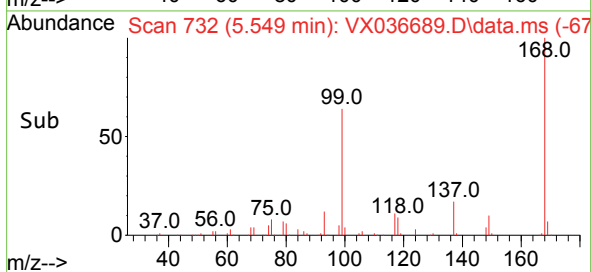
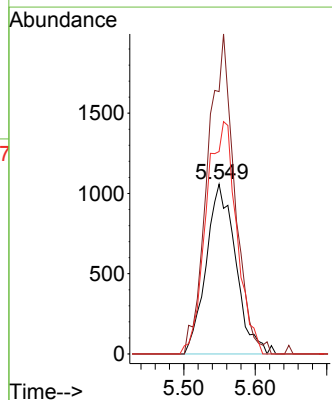
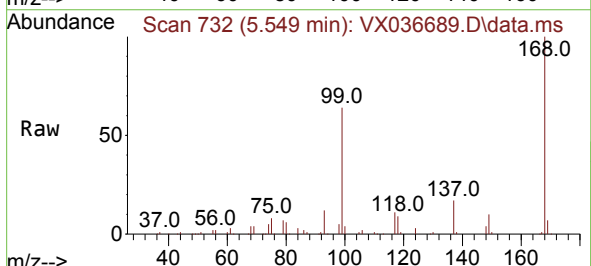
Tgt Ion: 56 Resp: 3036

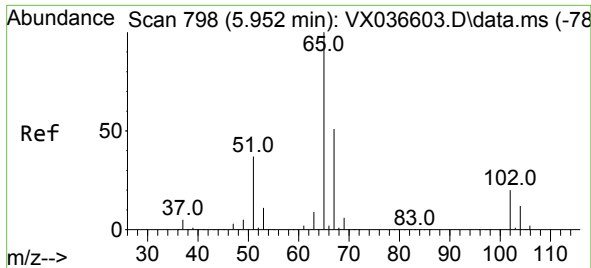
Ion Ratio Lower Upper

56 100

69 154.5 23.4 35.2#

84 119.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.789 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036689.D

Acq: 27 Jul 2023 20:20

Instrument :

MSVOA_X

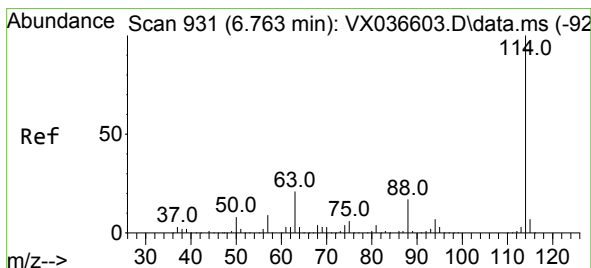
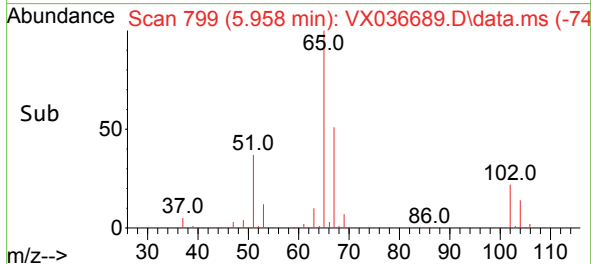
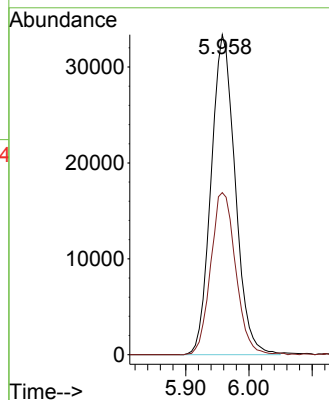
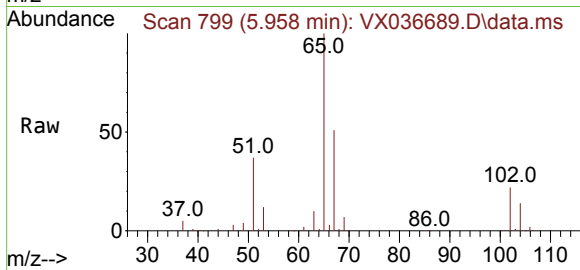
ClientSampleId :

Tgt Ion: 65 Resp: 88186

Ion Ratio Lower Upper

65 100

67 52.3 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: VX036689.D

Acq: 27 Jul 2023 20:20

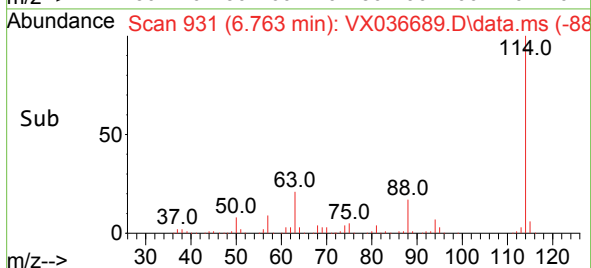
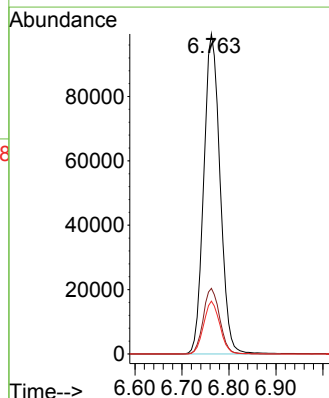
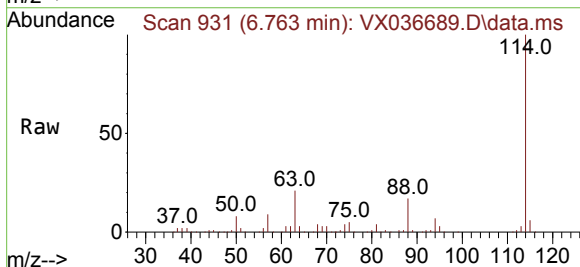
Tgt Ion: 114 Resp: 239554

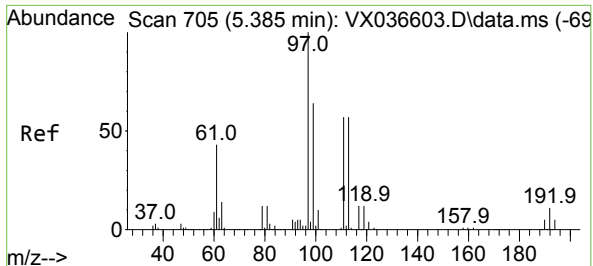
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

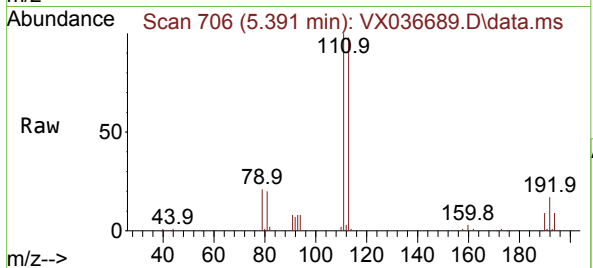
88 16.5 0.0 36.6



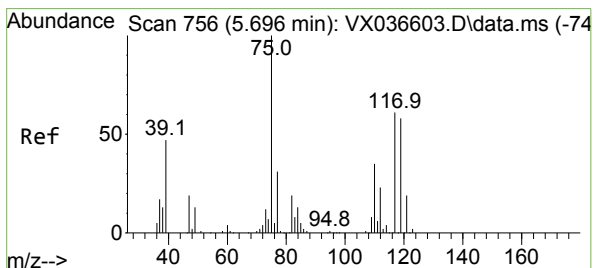
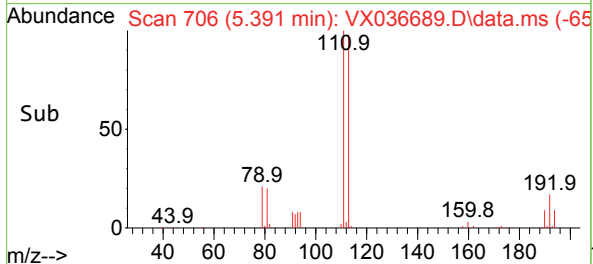
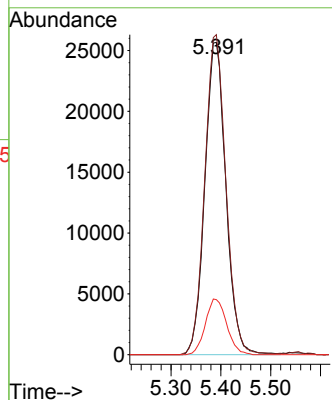


#35
Dibromofluoromethane
Concen: 45.701 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036689.D
Acq: 27 Jul 2023 20:20

Instrument :
MSVOA_X
ClientSampleId :

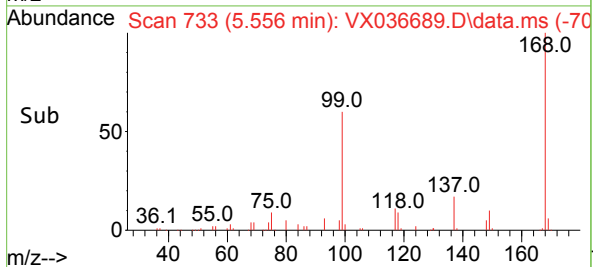
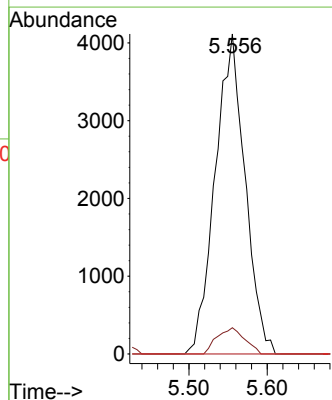
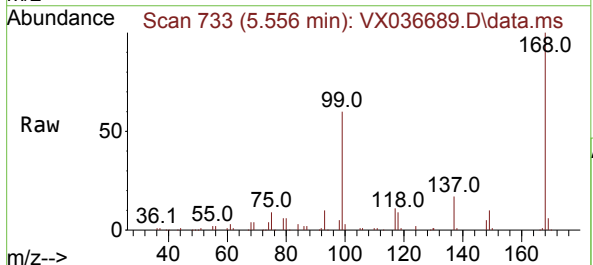


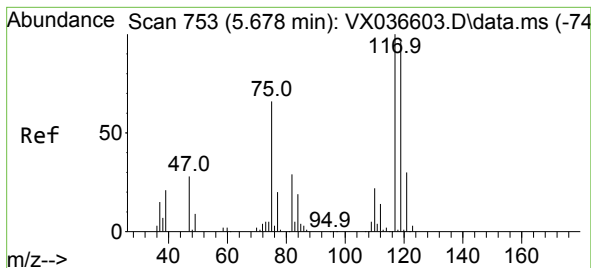
Tgt Ion:113 Resp: 75249
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.445 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.141 min
Lab File: VX036689.D
Acq: 27 Jul 2023 20:20

Tgt Ion: 75 Resp: 10910
Ion Ratio Lower Upper
75 100
110 7.6 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.566 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

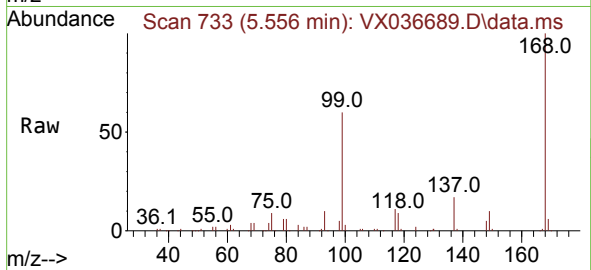
Lab File: VX036689.D

Acq: 27 Jul 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :



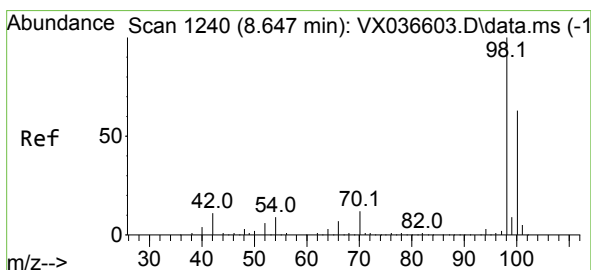
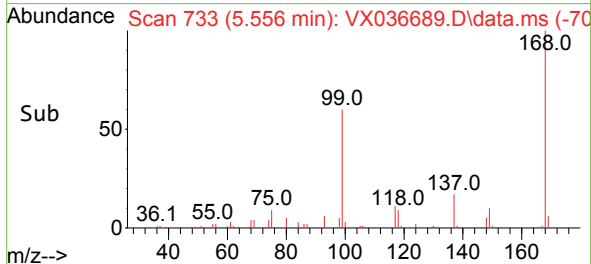
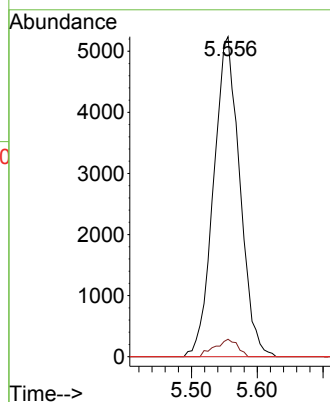
Tgt Ion:117 Resp: 14523

Ion Ratio Lower Upper

117 100

119 5.5 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 49.233 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX036689.D

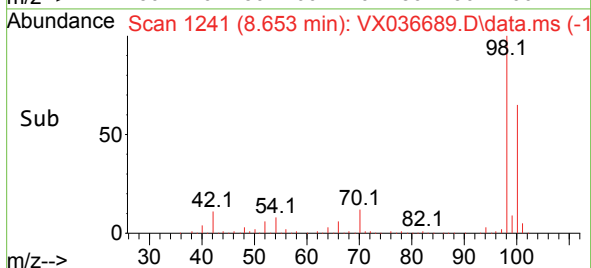
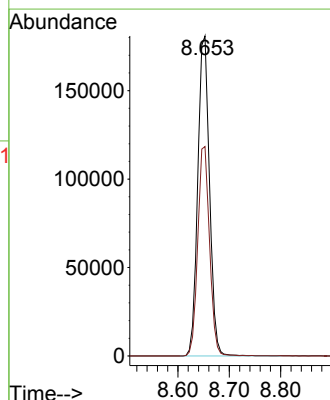
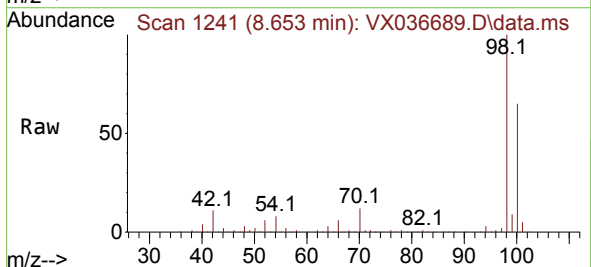
Acq: 27 Jul 2023 20:20

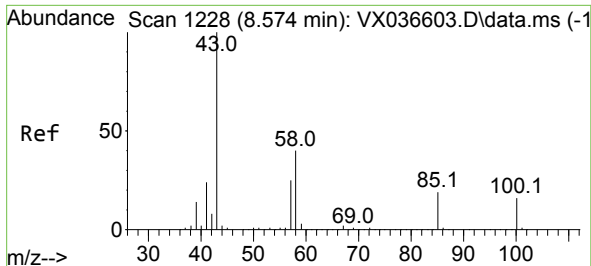
Tgt Ion: 98 Resp: 287473

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7

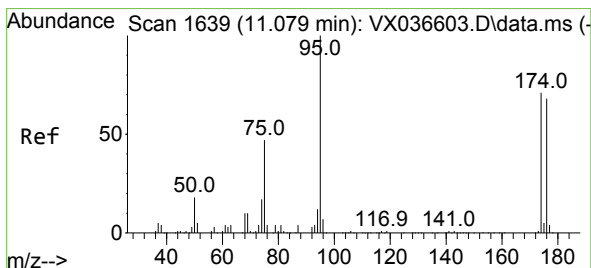
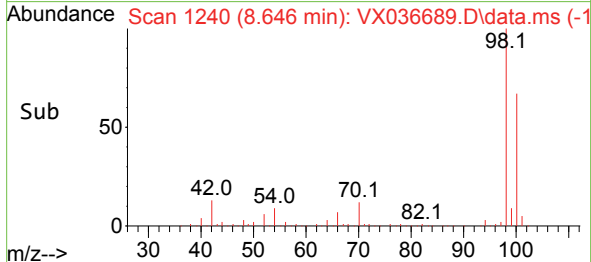
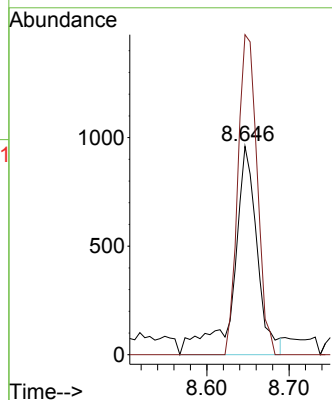
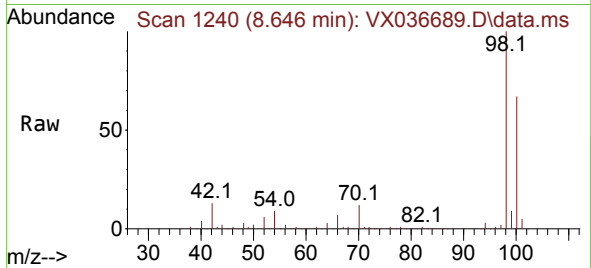




#51
4-Methyl-2-Pentanone
Concen: 0.716 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX036689.D
Acq: 27 Jul 2023 20:20

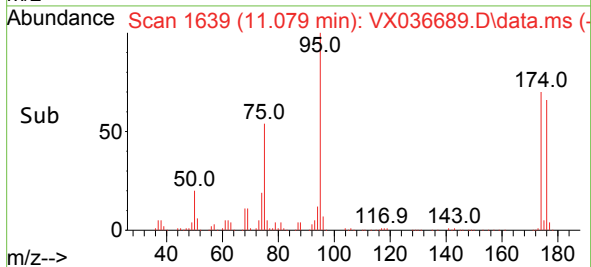
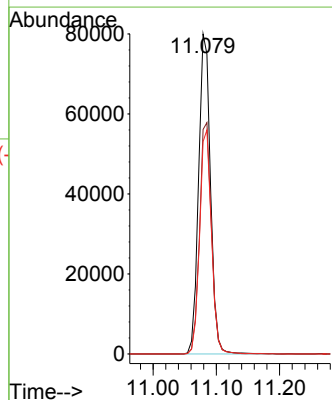
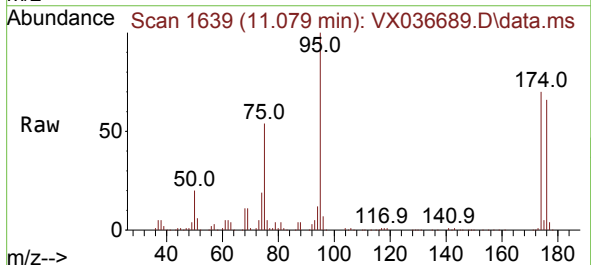
Instrument :
MSVOA_X
ClientSampleId :

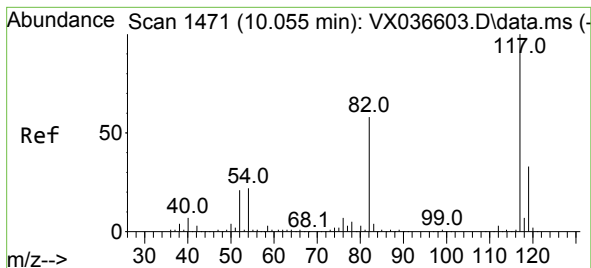
Tgt Ion: 43 Resp: 1894
Ion Ratio Lower Upper
43 100
58 126.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.381 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036689.D
Acq: 27 Jul 2023 20:20

Tgt Ion: 95 Resp: 104380
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 69.7 0.0 131.0

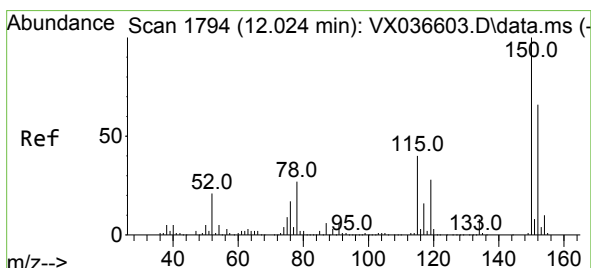
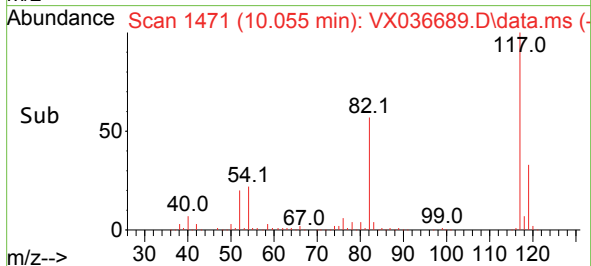
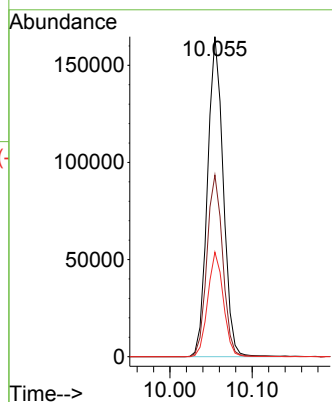
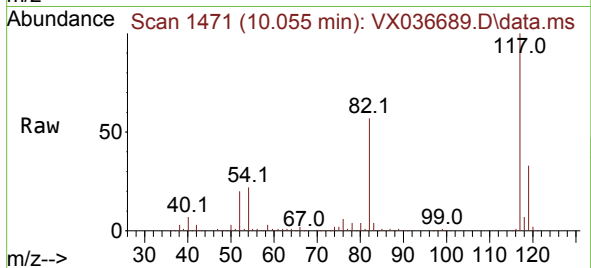




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036689.D
Acq: 27 Jul 2023 20:20

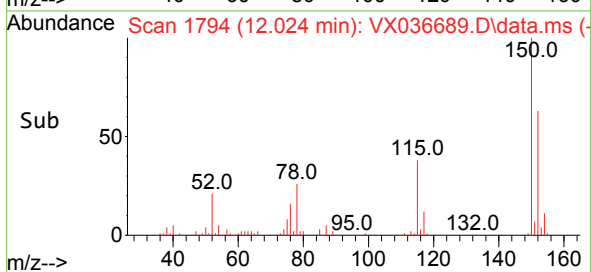
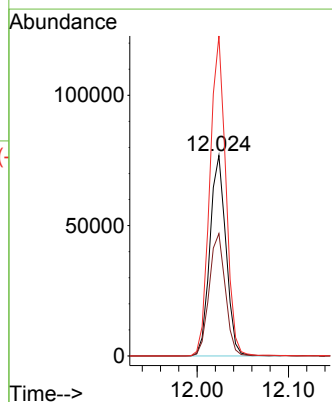
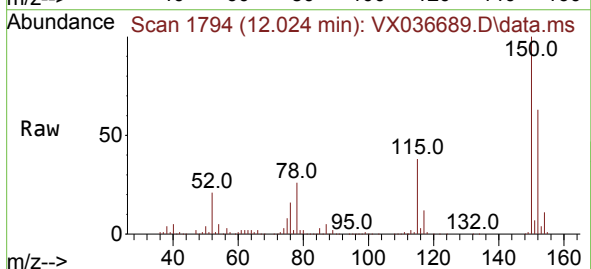
Instrument :
MSVOA_X
ClientSampleId :

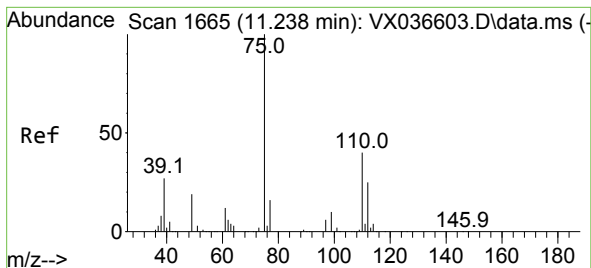
Tgt Ion:117 Resp: 218430
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036689.D
Acq: 27 Jul 2023 20:20

Tgt Ion:152 Resp: 93927
Ion Ratio Lower Upper
152 100
115 61.3 43.3 129.9
150 158.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.721 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX036689.D

Acq: 27 Jul 2023 20:20

Instrument :

MSVOA_X

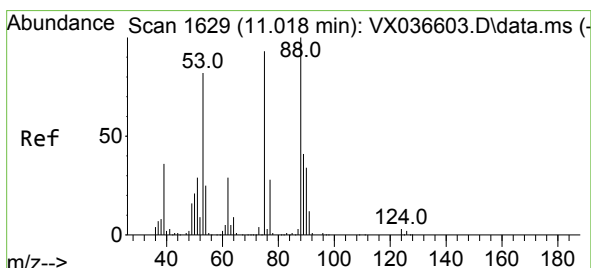
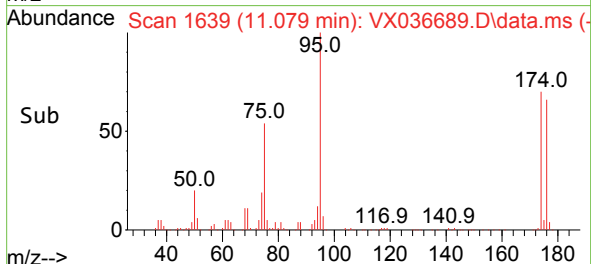
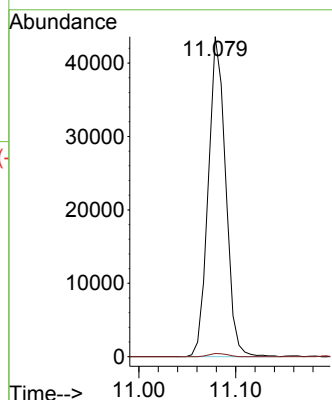
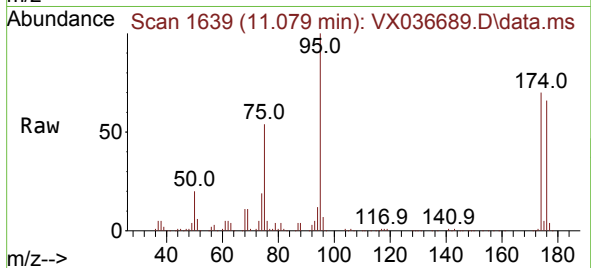
ClientSampleId :

Tgt Ion: 75 Resp: 54615

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.031 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036689.D

Acq: 27 Jul 2023 20:20

Tgt Ion: 75 Resp: 54615

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

