

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036685.D
 Acq On : 27 Jul 2023 18:43
 Operator : JC/MD
 Sample : 03811-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 06:15:56 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)

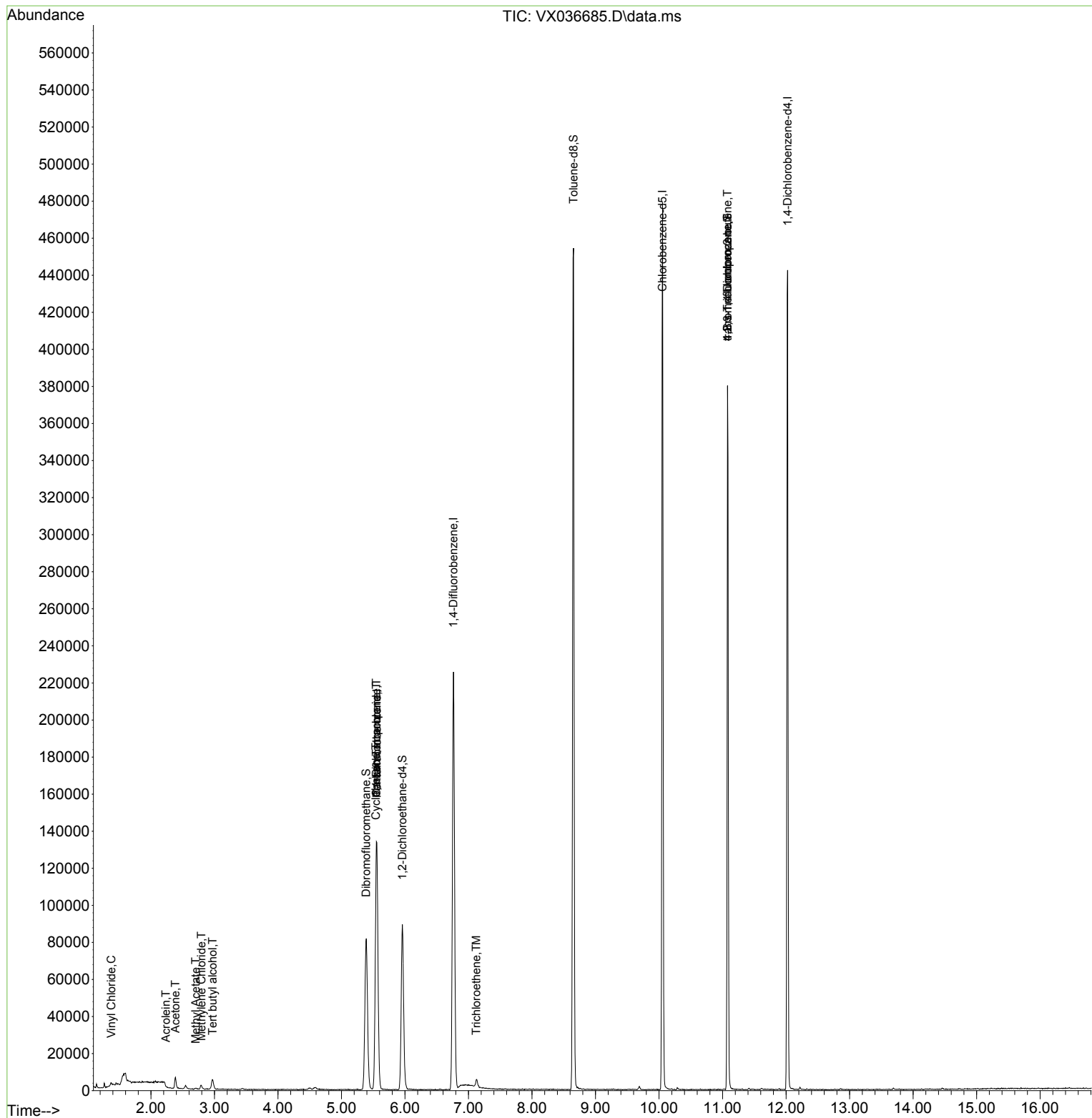
Internal Standards						
1) Pentafluorobenzene	5.556	168	126107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84253	45.153	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.300%
35) Dibromofluoromethane	5.385	113	71648	45.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.900%
50) Toluene-d8	8.653	98	274977	49.186	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.079	95	100695	47.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.480%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1171	0.759	ug/l	91
11) Tert butyl alcohol	2.971	59	6652	15.058	ug/l #	88
13) Acrolein	2.233	56	104	0.413	ug/l #	14
16) Acetone	2.386	43	6436	8.312	ug/l #	81
18) Methyl Acetate	2.703	43	925	0.284	ug/l #	63
20) Methylene Chloride	2.794	84	1144	0.664	ug/l #	87
31) Cyclohexane	5.544	56	2984	1.155	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	10358	4.408	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13295	5.322	ug/l #	15
44) Trichloroethene	7.123	130	1490	0.834	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	52050	24.049	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52050	54.508	ug/l #	5

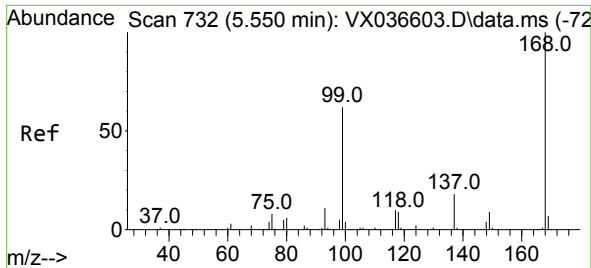
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
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QLast Update : Fri Jul 21 12:14:12 2023
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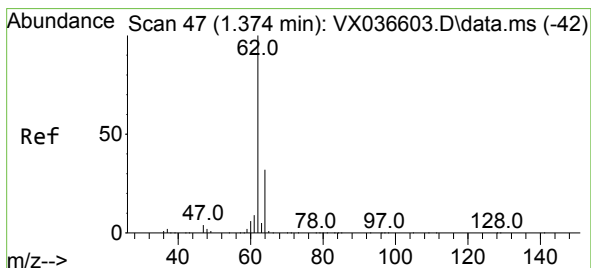
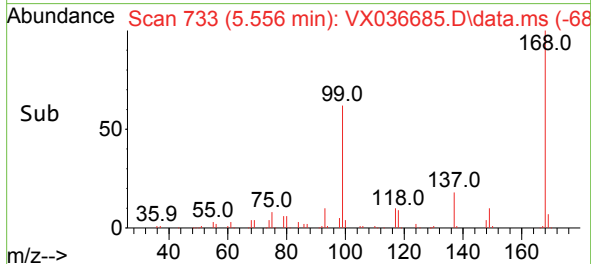
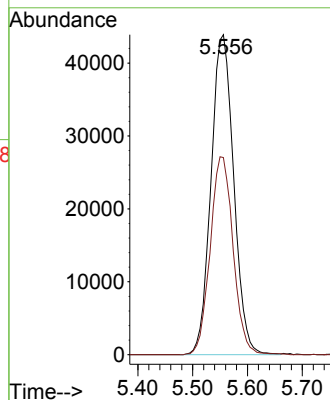
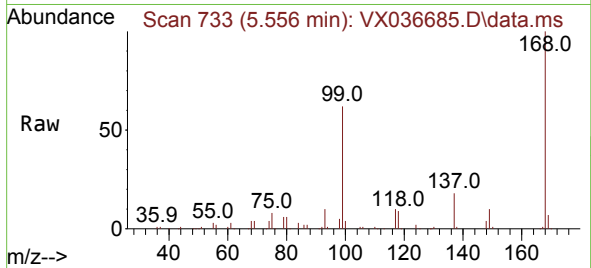




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036685.D
Acq: 27 Jul 2023 18:43

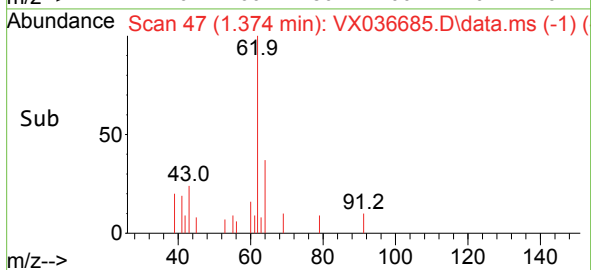
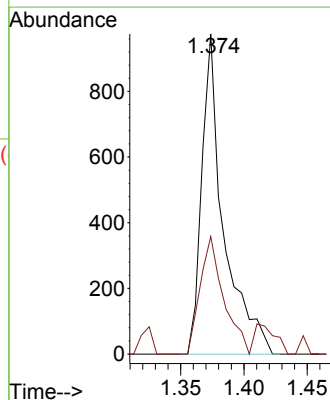
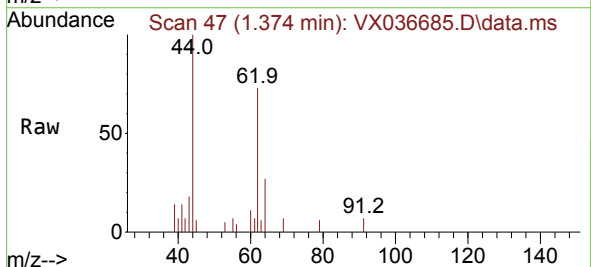
Instrument :
MSVOA_X
ClientSampleId :

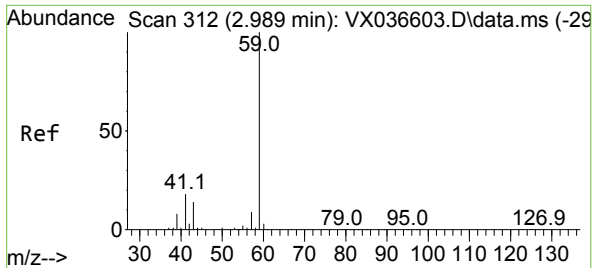
Tgt Ion:168 Resp: 126107
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#4
Vinyl Chloride
Concen: 0.759 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036685.D
Acq: 27 Jul 2023 18:43

Tgt Ion: 62 Resp: 1171
Ion Ratio Lower Upper
62 100
64 36.7 25.4 38.0





#11

Tert butyl alcohol

Concen: 15.058 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.018 min

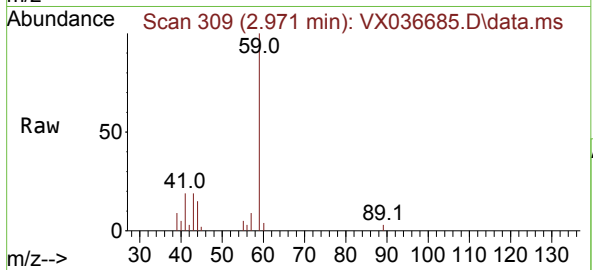
Lab File: VX036685.D

Acq: 27 Jul 2023 18:43

Instrument :

MSVOA_X

ClientSampleId :

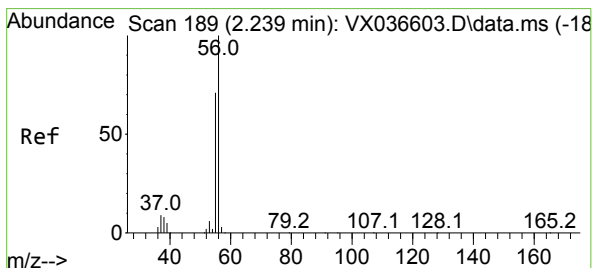
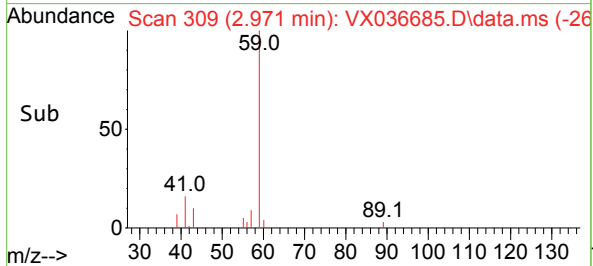
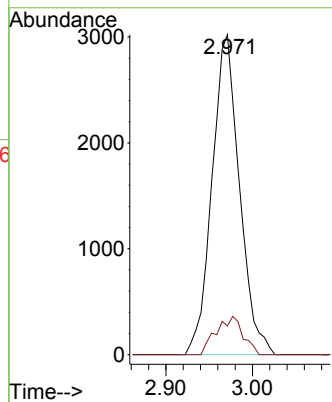


Tgt Ion: 59 Resp: 6652

Ion Ratio Lower Upper

59 100

57 11.6 6.0 9.0#



#13

Acrolein

Concen: 0.413 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX036685.D

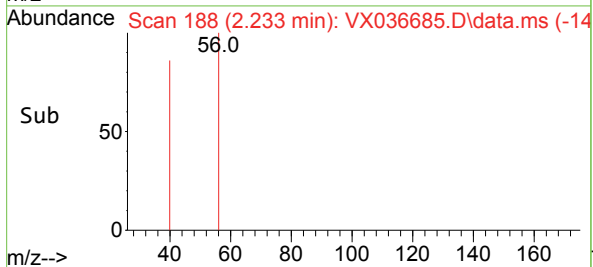
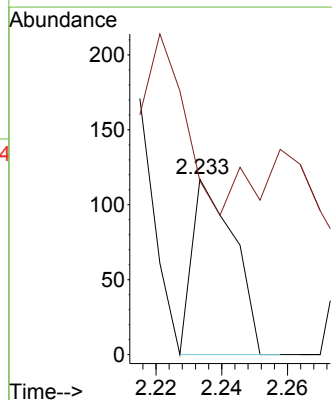
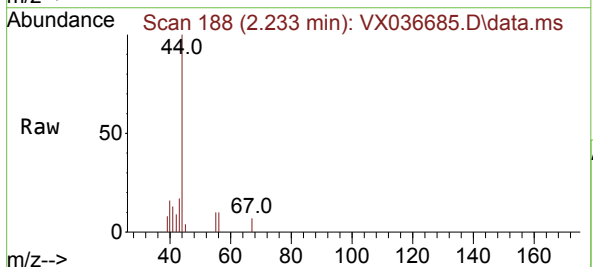
Acq: 27 Jul 2023 18:43

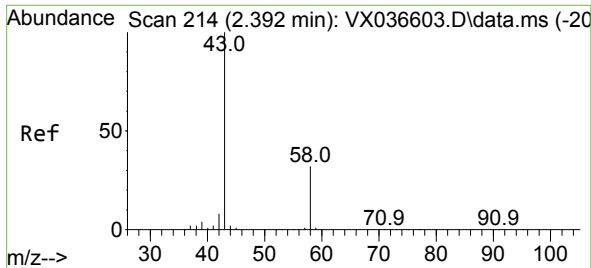
Tgt Ion: 56 Resp: 104

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

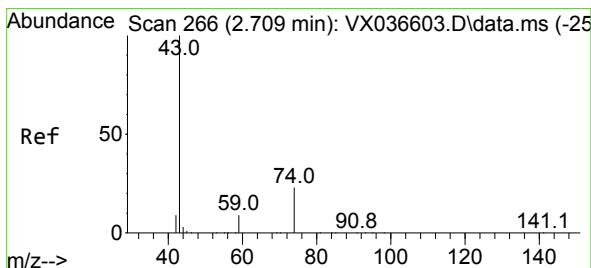
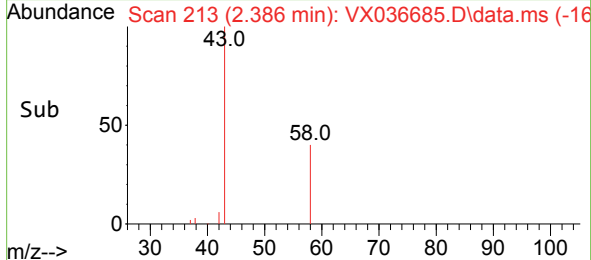
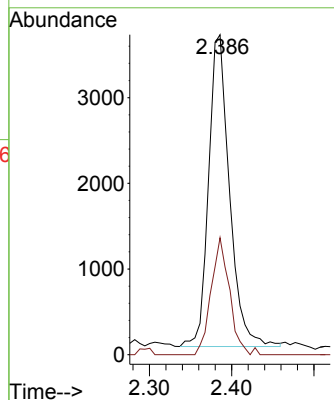
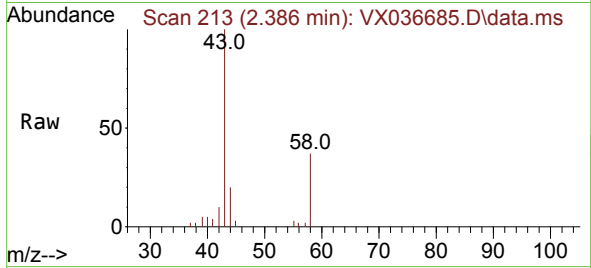




#16
Acetone
Concen: 8.312 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036685.D
Acq: 27 Jul 2023 18:43

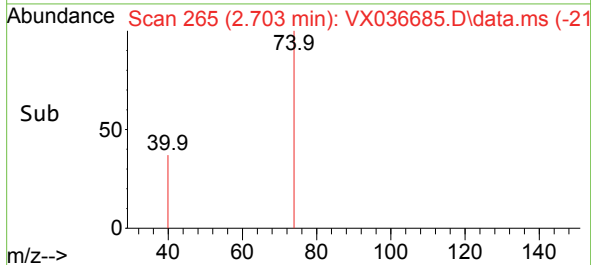
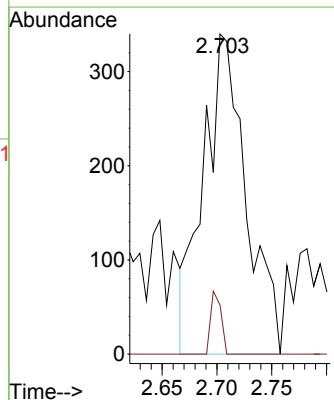
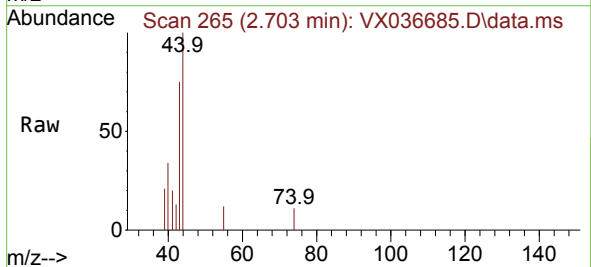
Instrument : MSVOA_X
ClientSampleId :

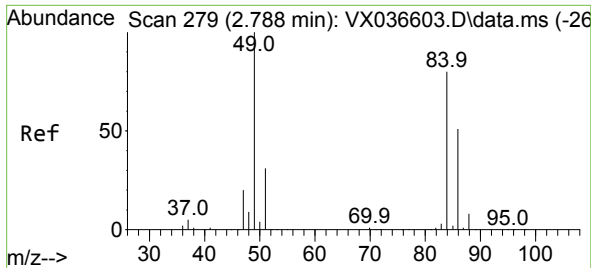
Tgt Ion: 43 Resp: 6436
Ion Ratio Lower Upper
43 100
58 37.5 21.9 32.9#



#18
Methyl Acetate
Concen: 0.284 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036685.D
Acq: 27 Jul 2023 18:43

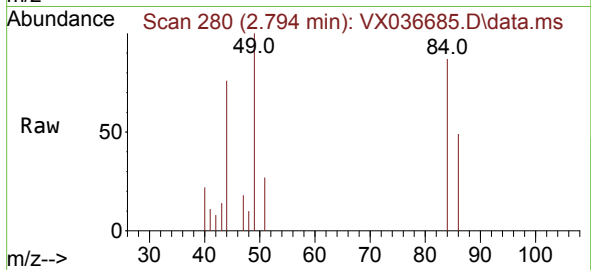
Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
74 4.8 17.8 26.8#



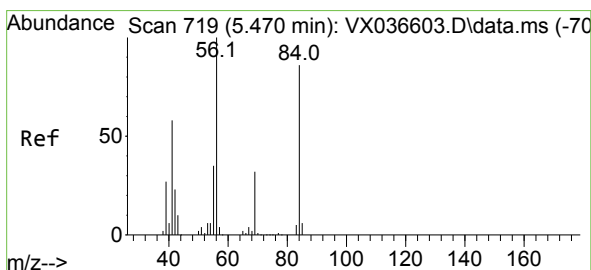
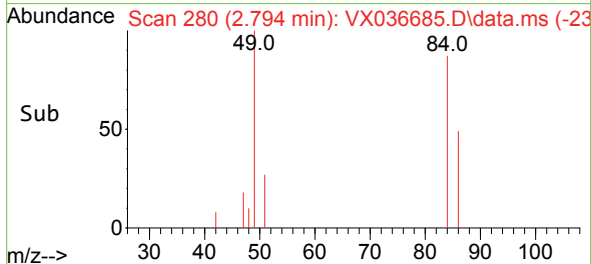
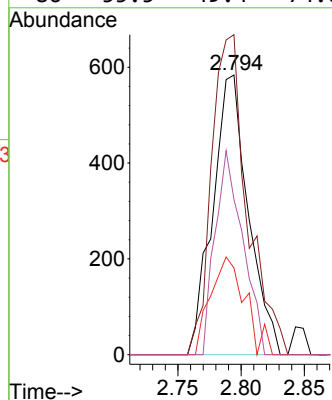


#20
Methylene Chloride
Concen: 0.664 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036685.D
Acq: 27 Jul 2023 18:43

Instrument :
MSVOA_X
ClientSampleId :

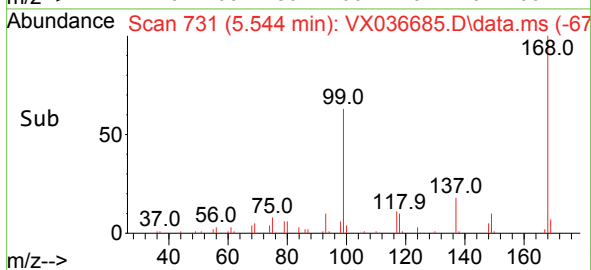
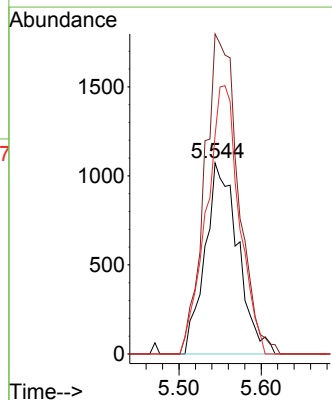
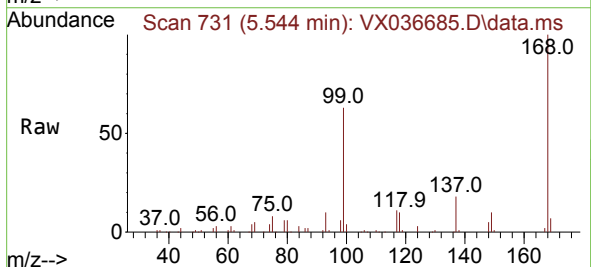


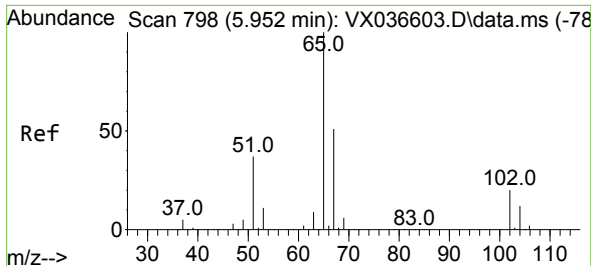
Tgt Ion:	84	Resp:	1144
Ion	Ratio	Lower	Upper
84	100		
49	114.4	103.6	155.4
51	31.0	33.8	50.6#
86	55.5	49.4	74.0



#31
Cyclohexane
Concen: 1.155 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX036685.D
Acq: 27 Jul 2023 18:43

Tgt Ion:	56	Resp:	2984
Ion	Ratio	Lower	Upper
56	100		
69	167.5	23.4	35.2#
84	114.4	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.153 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036685.D

Acq: 27 Jul 2023 18:43

Instrument :

MSVOA_X

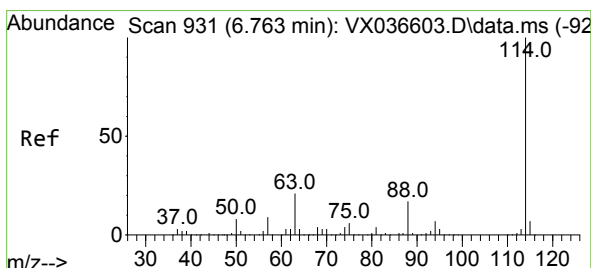
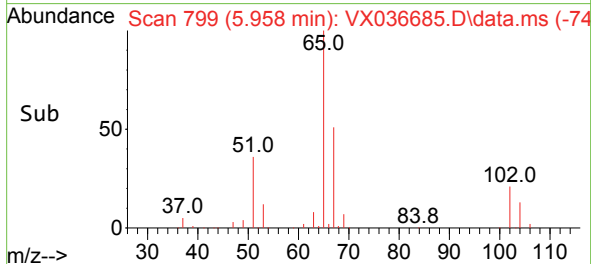
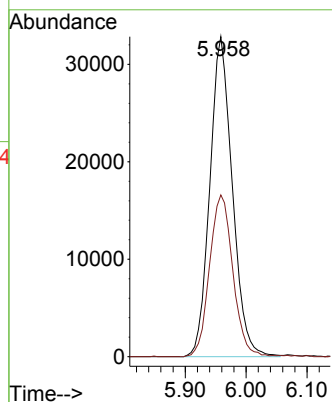
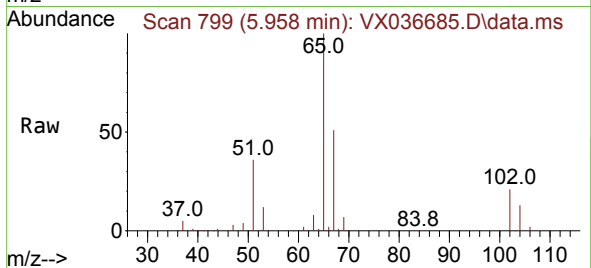
ClientSampleId :

Tgt Ion: 65 Resp: 84253

Ion Ratio Lower Upper

65 100

67 52.4 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: VX036685.D

Acq: 27 Jul 2023 18:43

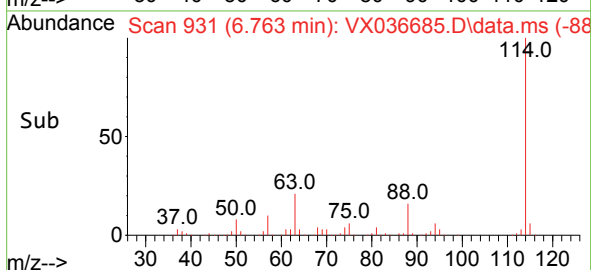
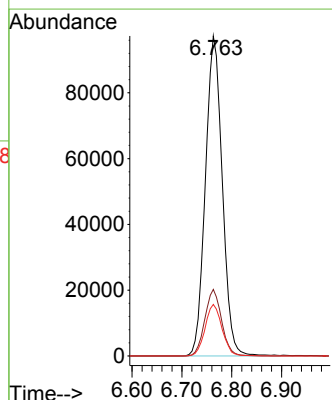
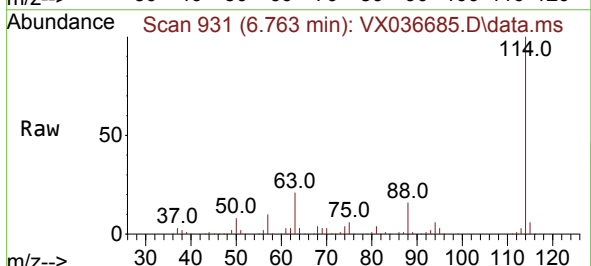
Tgt Ion: 114 Resp: 229360

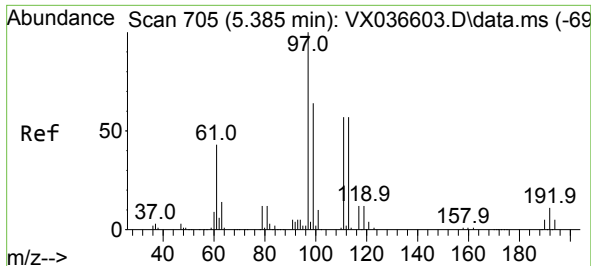
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

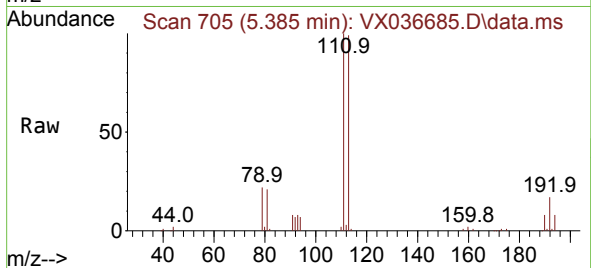
88 16.1 0.0 36.6



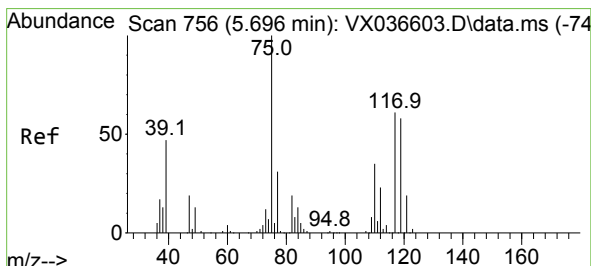
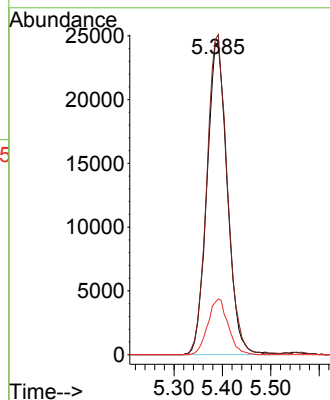
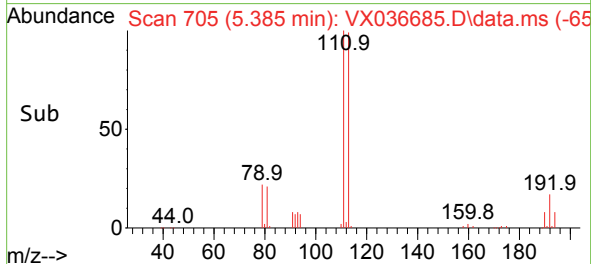


#35
Dibromofluoromethane
Concen: 45.448 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036685.D
Acq: 27 Jul 2023 18:43

Instrument :
MSVOA_X
ClientSampleId :

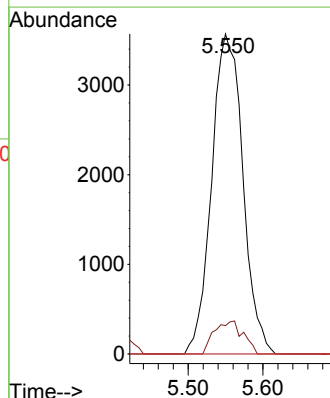
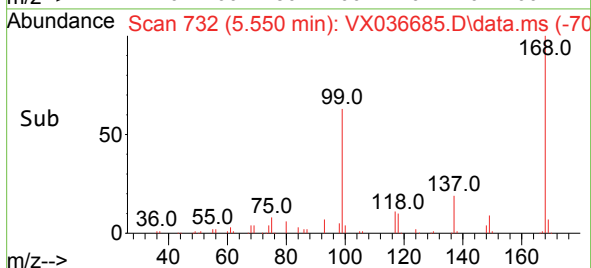
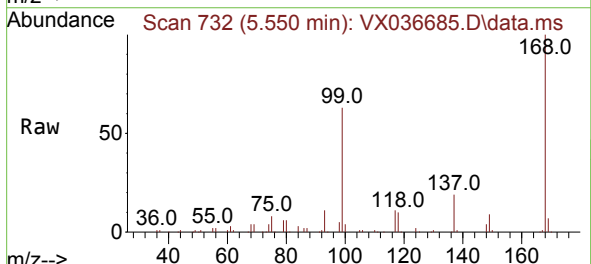


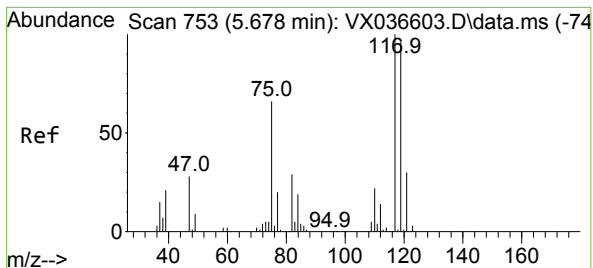
Tgt Ion:113 Resp: 71648
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.408 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036685.D
Acq: 27 Jul 2023 18:43

Tgt Ion: 75 Resp: 10358
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.322 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

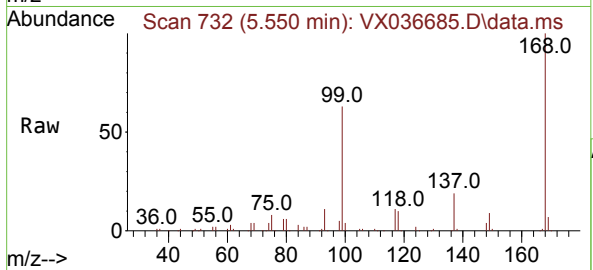
Lab File: VX036685.D

Acq: 27 Jul 2023 18:43

Instrument :

MSVOA_X

ClientSampleId :



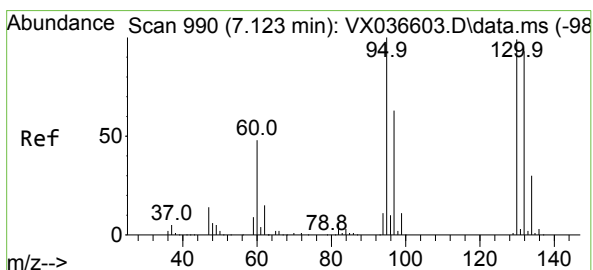
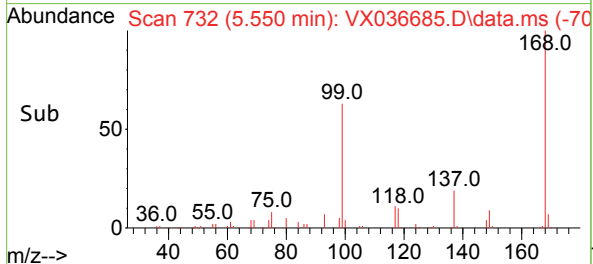
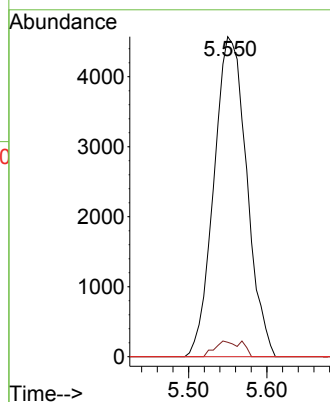
Tgt Ion:117 Resp: 13295

Ion Ratio Lower Upper

117 100

119 4.5 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.834 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX036685.D

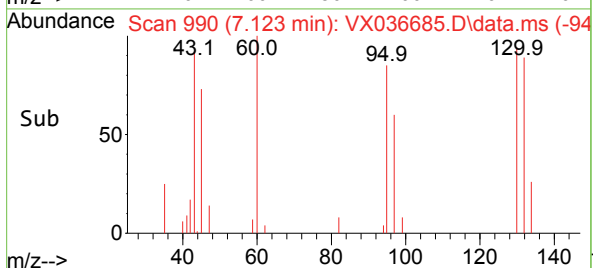
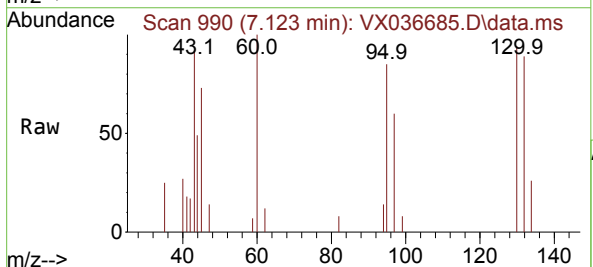
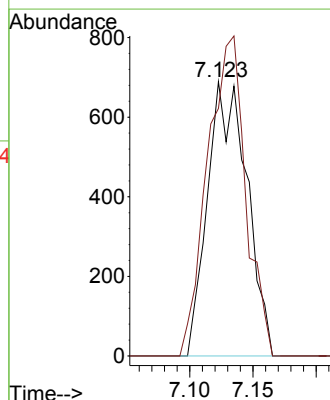
Acq: 27 Jul 2023 18:43

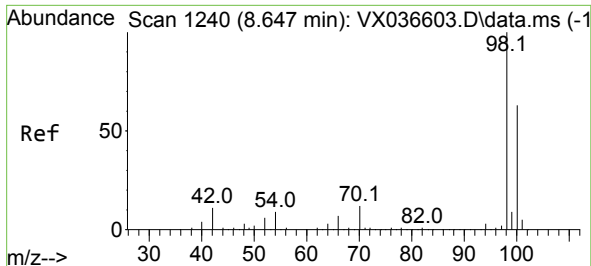
Tgt Ion:130 Resp: 1490

Ion Ratio Lower Upper

130 100

95 90.3 0.0 204.4

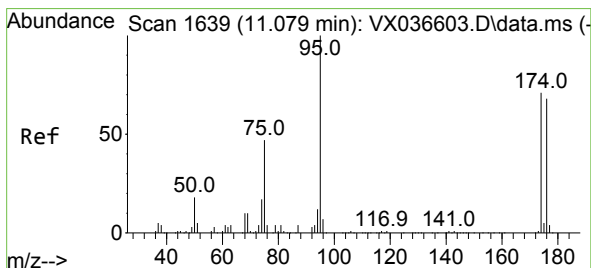
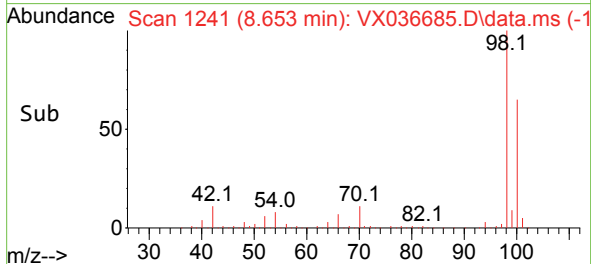
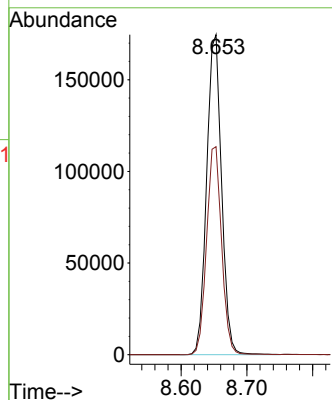
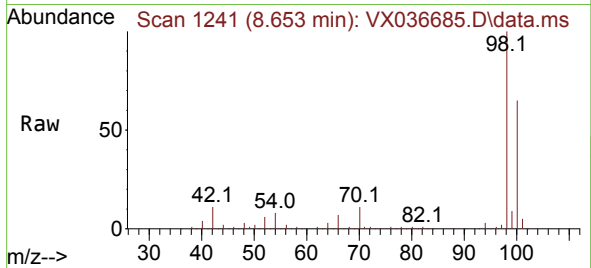




#50
Toluene-d8
Concen: 49.186 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036685.D
Acq: 27 Jul 2023 18:43

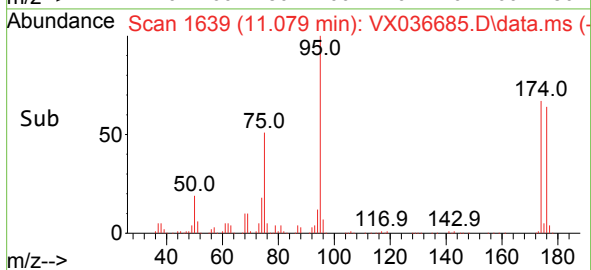
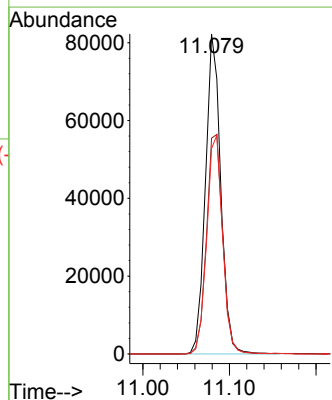
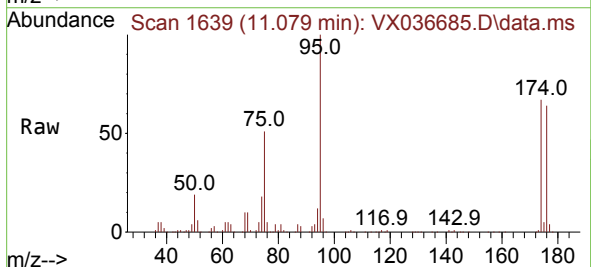
Instrument :
MSVOA_X
ClientSampleId :

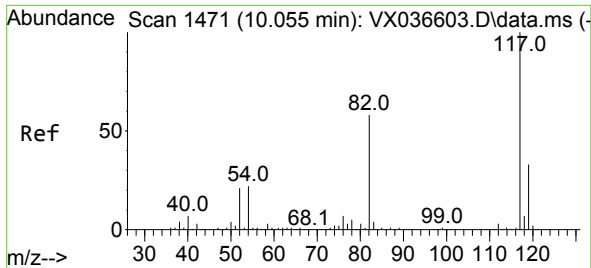
Tgt Ion: 98 Resp: 274977
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036685.D
Acq: 27 Jul 2023 18:43

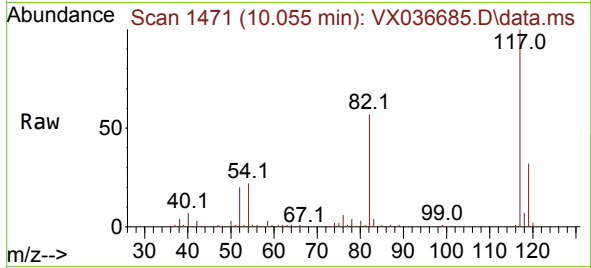
Tgt Ion: 95 Resp: 100695
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 70.7 0.0 131.0



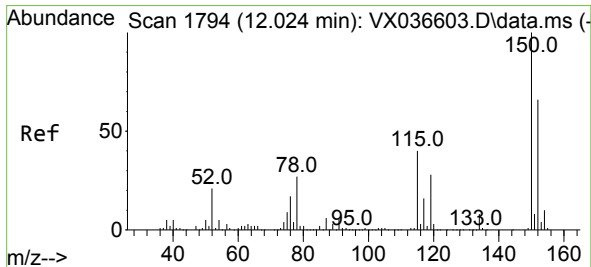
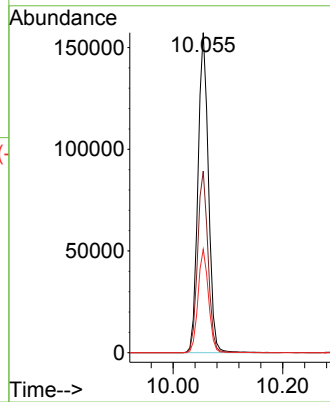
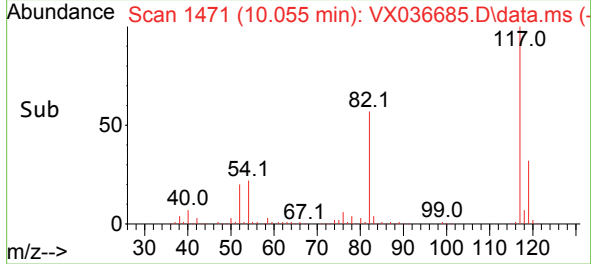


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036685.D
Acq: 27 Jul 2023 18:43

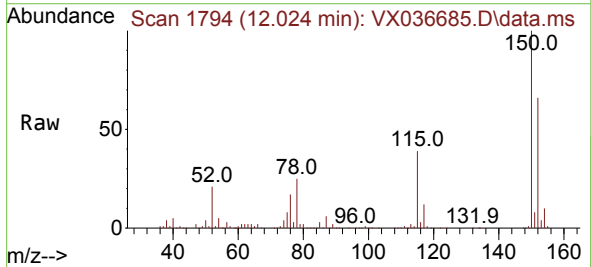
Instrument :
MSVOA_X
ClientSampleId :



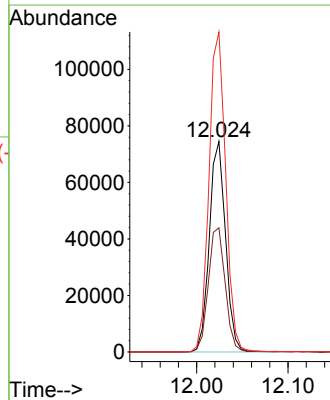
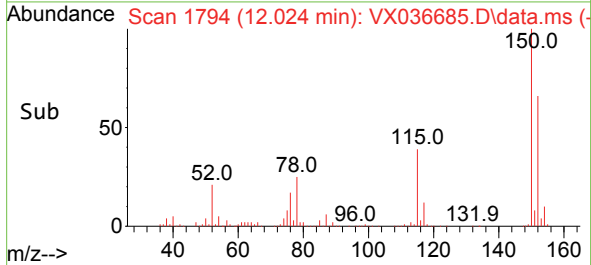
Tgt Ion:117 Resp: 209527
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.3 25.5 38.3

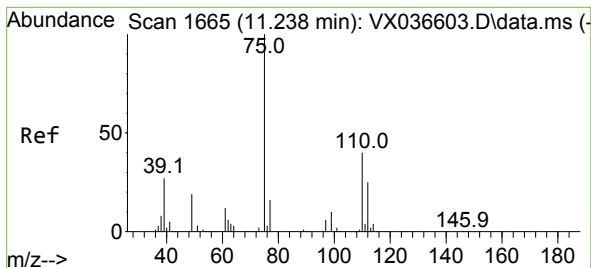


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036685.D
Acq: 27 Jul 2023 18:43



Tgt Ion:152 Resp: 92018
Ion Ratio Lower Upper
152 100
115 61.5 43.3 129.9
150 156.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.049 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036685.D

Acq: 27 Jul 2023 18:43

Instrument :

MSVOA_X

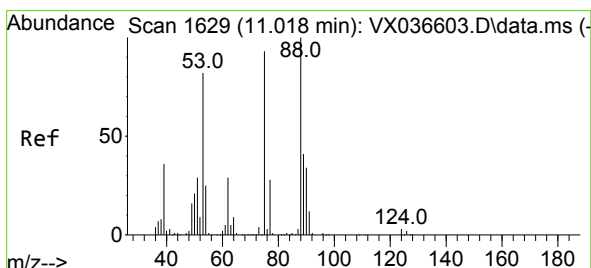
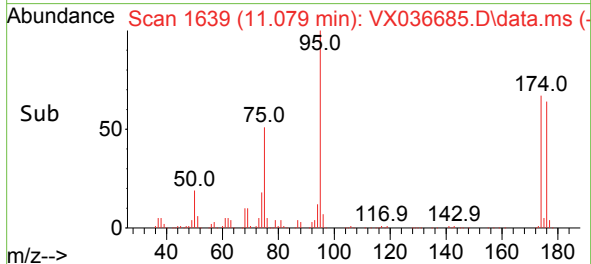
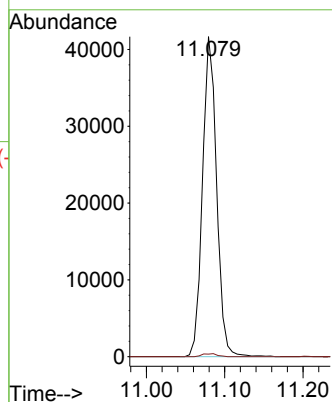
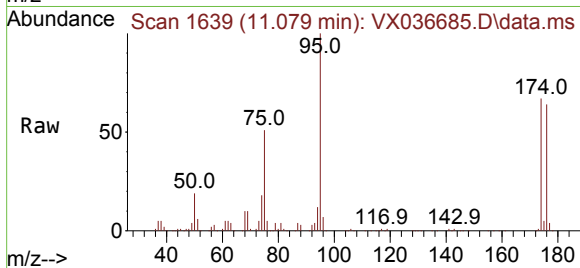
ClientSampleId :

Tgt Ion: 75 Resp: 52050

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.508 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036685.D

Acq: 27 Jul 2023 18:43

Tgt Ion: 75 Resp: 52050

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

