

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063023\
 Data File : VX036383.D
 Acq On : 30 Jun 2023 10:38
 Operator : JC/MD
 Sample : VX0630WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBL01

Quant Time: Jul 01 01:16:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

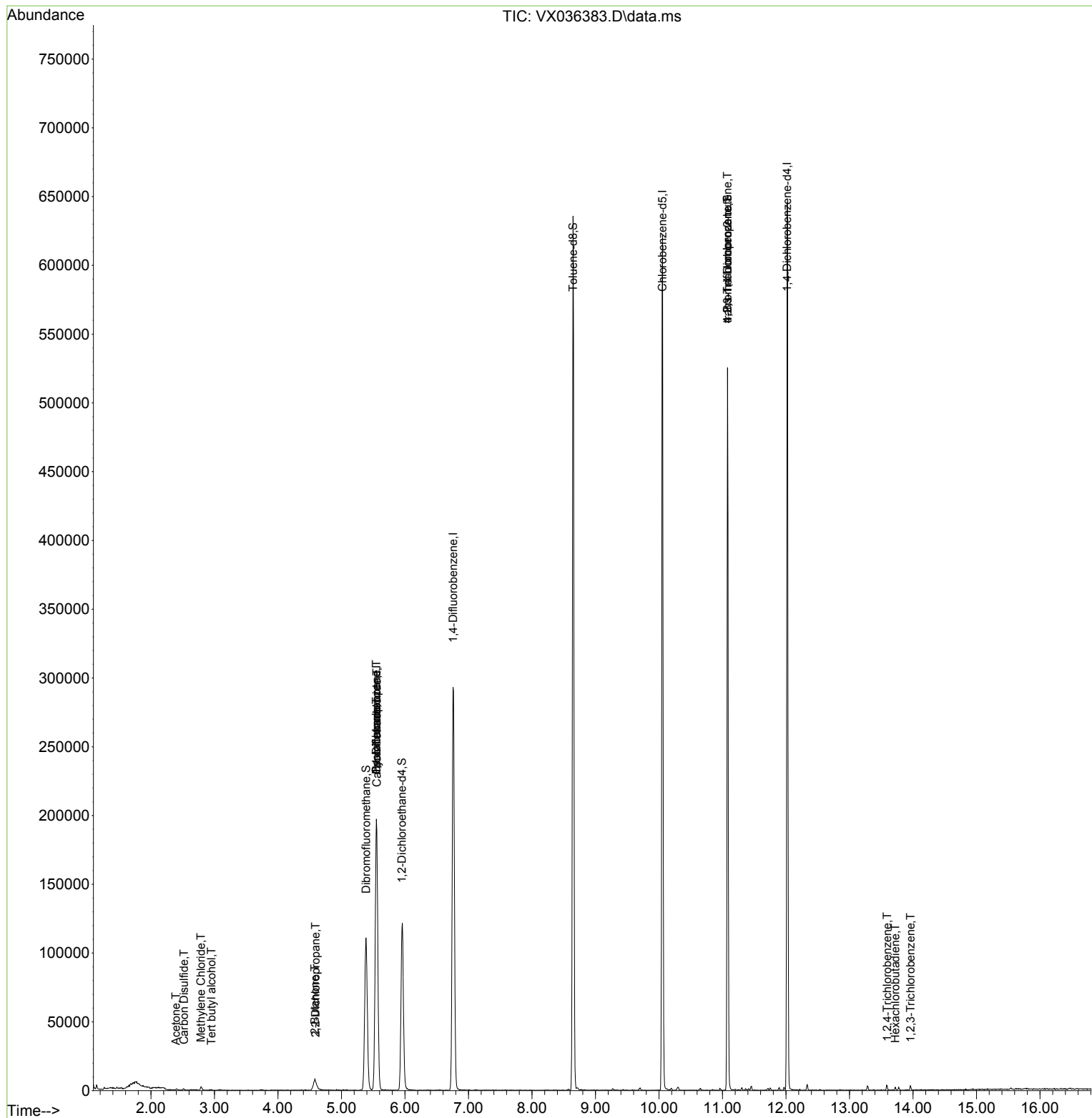
Internal Standards						
1) Pentafluorobenzene	5.550	168	186335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	307560	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	128441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116629	43.665	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.340%		
35) Dibromofluoromethane	5.385	113	96520	47.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.180%		
50) Toluene-d8	8.647	98	368071	48.594	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.180%		
62) 4-Bromofluorobenzene	11.079	95	132382	49.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.240%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	138	0.284	ug/l #	78
16) Acetone	2.392	43	1114	0.976	ug/l #	70
17) Carbon Disulfide	2.520	76	1118	0.215	ug/l #	76
20) Methylene Chloride	2.788	84	1155	0.470	ug/l #	86
25) 2-Butanone	4.581	43	610	0.372	ug/l #	51
26) 2,2-Dichloropropane	4.593	77	650	0.226	ug/l #	54
31) Cyclohexane	5.550	56	3999	1.168	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	15234	5.039	ug/l #	51
38) Carbon Tetrachloride	5.556	117	18924	6.854	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	68668	25.064	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	68668	81.703	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	924	0.348	ug/l	91
94) Hexachlorobutadiene	13.719	225	305	0.281	ug/l	92
96) 1,2,3-Trichlorobenzene	13.963	180	886	0.342	ug/l	97

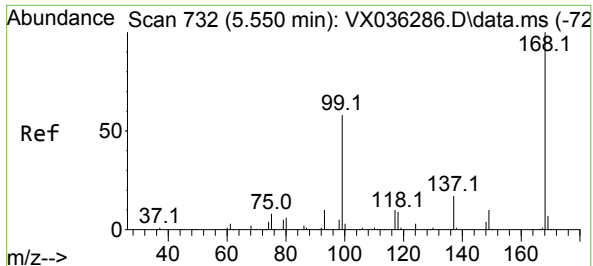
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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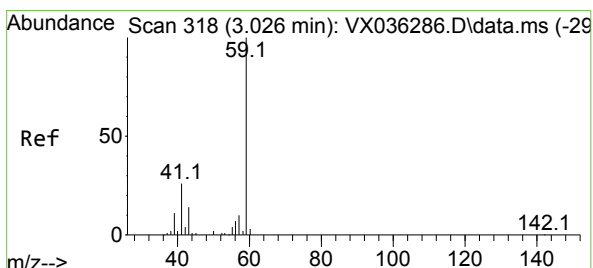
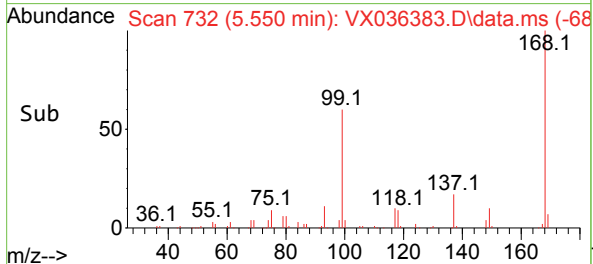
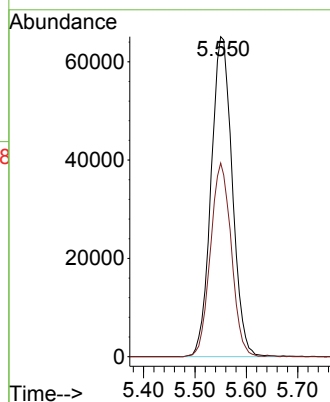
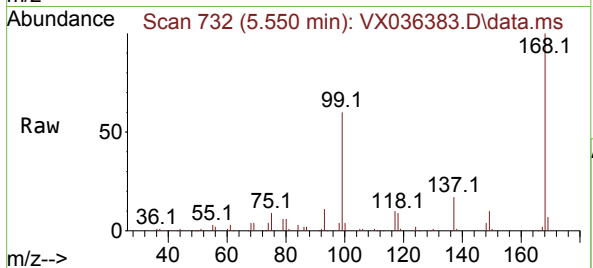




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036383.D
Acq: 30 Jun 2023 10:38

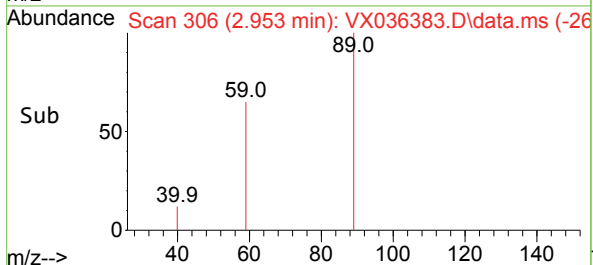
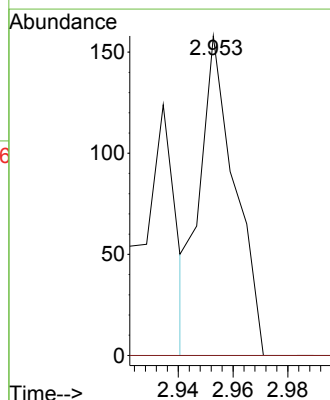
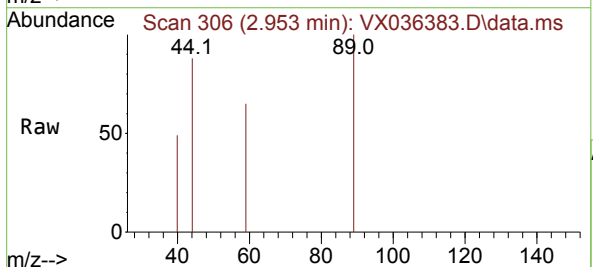
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

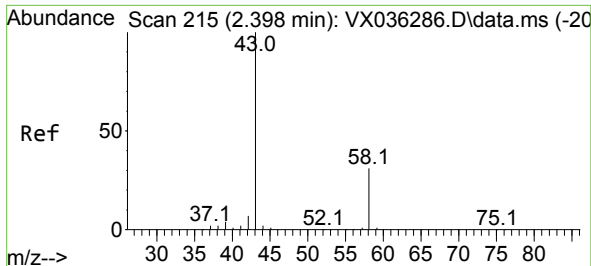
Tgt Ion:168 Resp: 186335
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.284 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.060 min
Lab File: VX036383.D
Acq: 30 Jun 2023 10:38

Tgt Ion: 59 Resp: 138
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 0.976 ug/l

RT: 2.392 min Scan# 215

Delta R.T. -0.012 min

Lab File: VX036383.D

Acq: 30 Jun 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

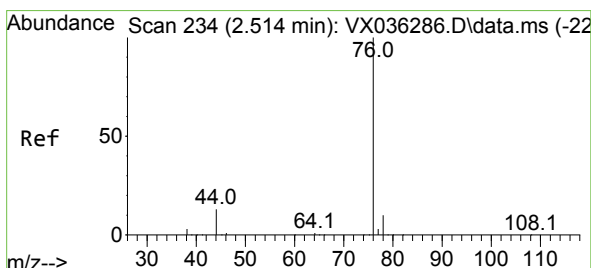
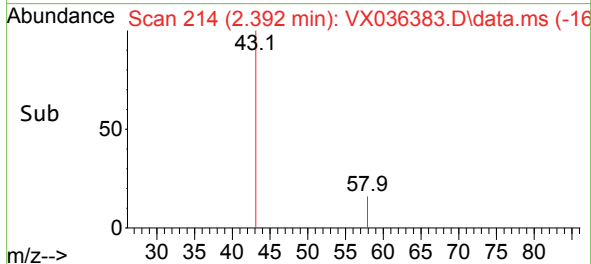
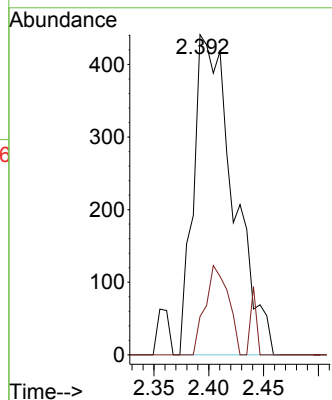
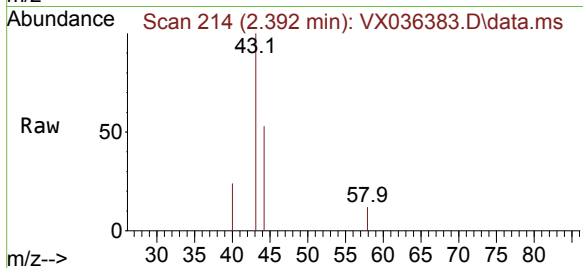
VX0630WBL01

Tgt Ion: 43 Resp: 1114

Ion Ratio Lower Upper

43 100

58 12.0 21.9 32.9#



#17

Carbon Disulfide

Concen: 0.215 ug/l

RT: 2.520 min Scan# 235

Delta R.T. 0.007 min

Lab File: VX036383.D

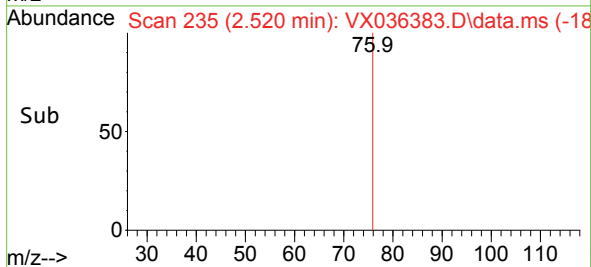
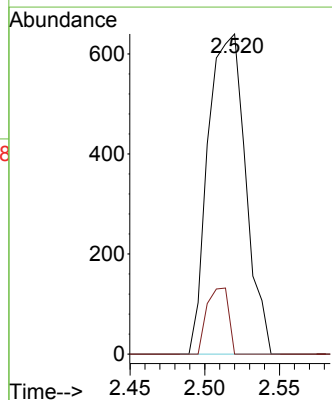
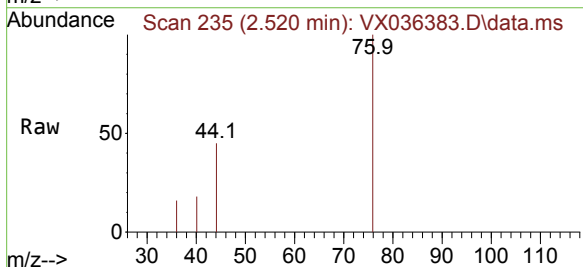
Acq: 30 Jun 2023 10:38

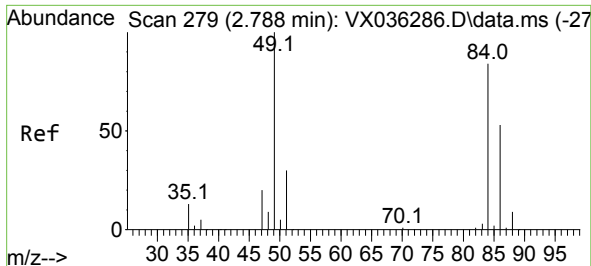
Tgt Ion: 76 Resp: 1118

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: 0.470 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036383.D

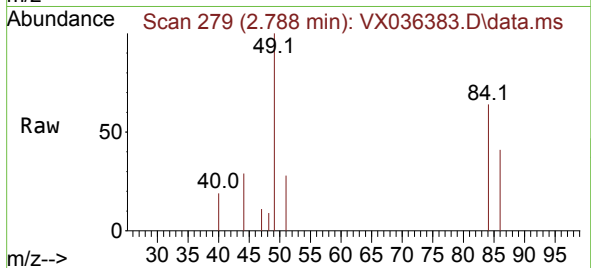
Acq: 30 Jun 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBL01



Tgt Ion: 84 Resp: 1155

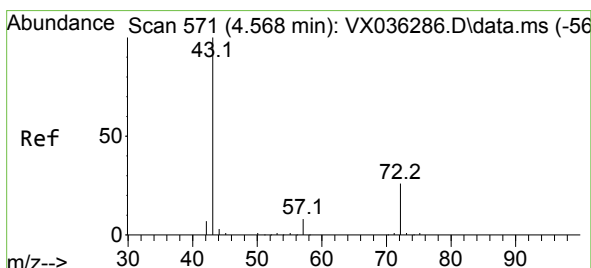
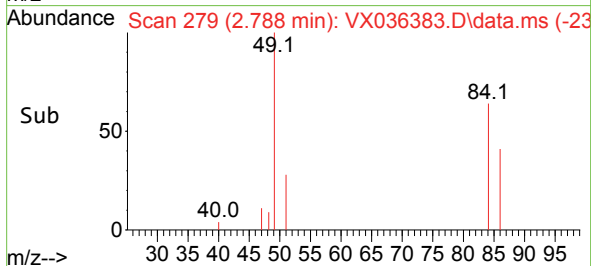
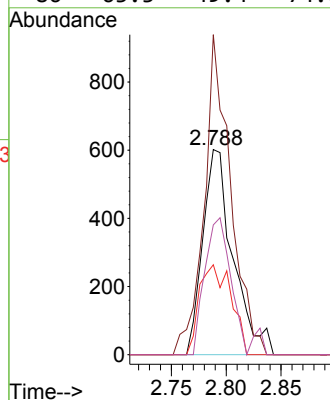
Ion Ratio Lower Upper

84 100

49 156.0 103.6 155.4#

51 43.9 33.8 50.6

86 63.3 49.4 74.0



#25

2-Butanone

Concen: 0.372 ug/l

RT: 4.581 min Scan# 573

Delta R.T. 0.013 min

Lab File: VX036383.D

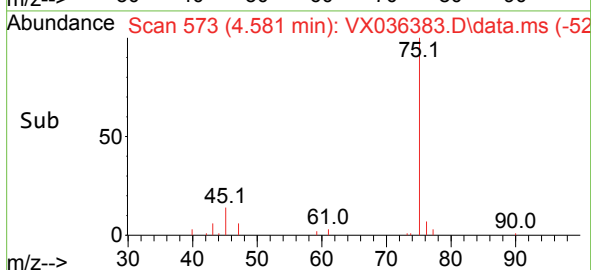
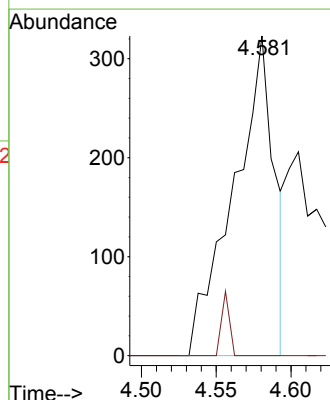
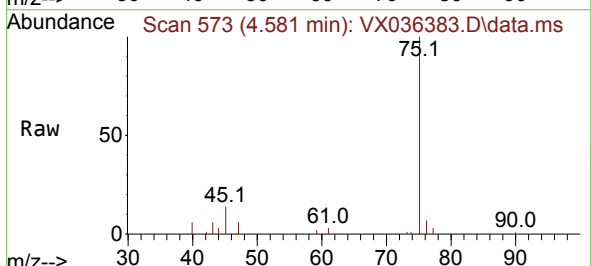
Acq: 30 Jun 2023 10:38

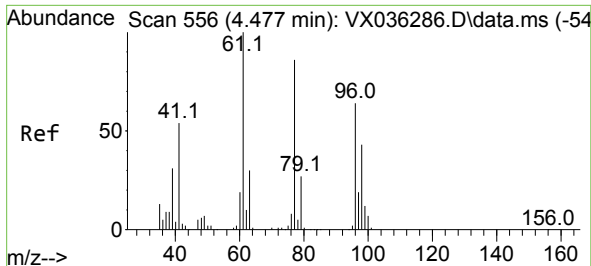
Tgt Ion: 43 Resp: 610

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#

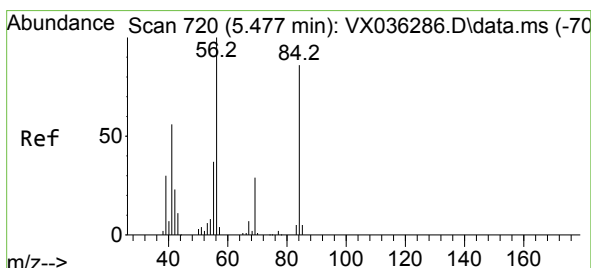
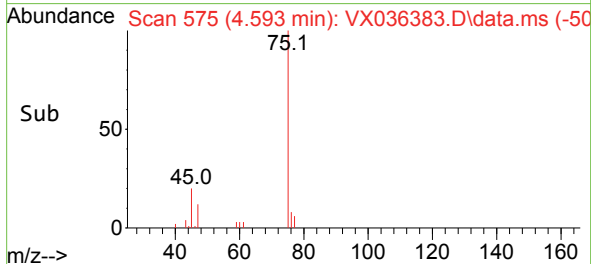
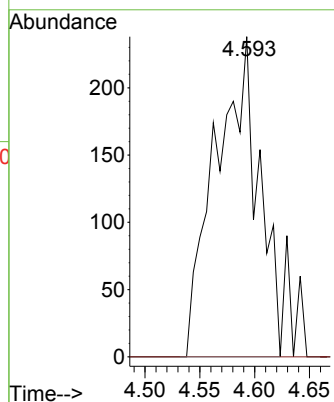
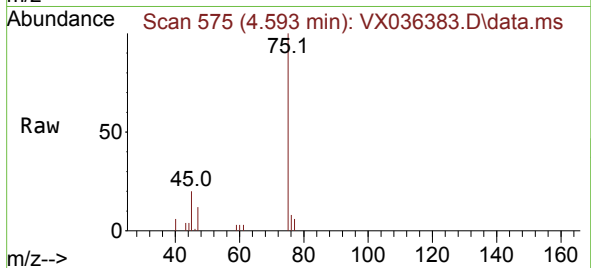




#26
2,2-Dichloropropane
Concen: 0.226 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.116 min
Lab File: VX036383.D
Acq: 30 Jun 2023 10:38

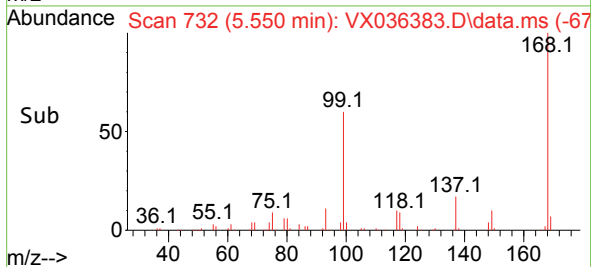
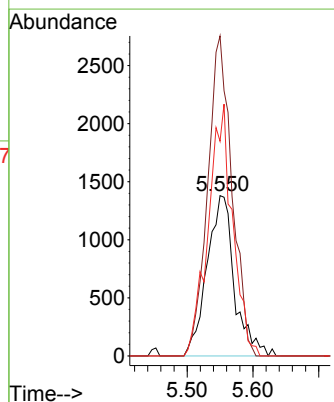
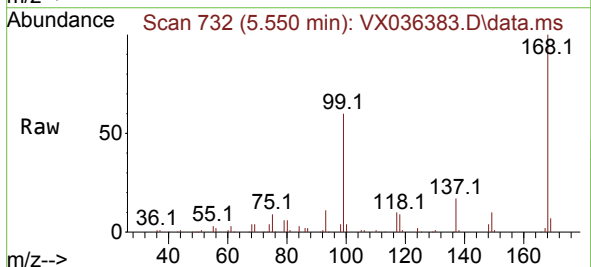
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

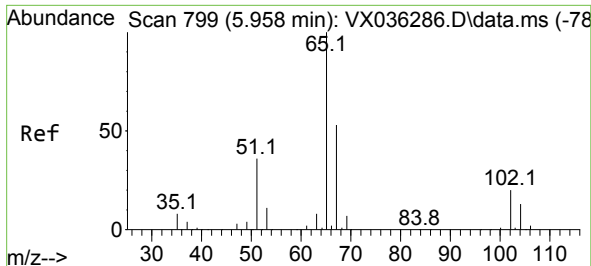
Tgt Ion: 77 Resp: 650
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036383.D
Acq: 30 Jun 2023 10:38

Tgt Ion: 56 Resp: 3999
Ion Ratio Lower Upper
56 100
69 199.6 23.4 35.2#
84 134.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.665 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX036383.D

Acq: 30 Jun 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

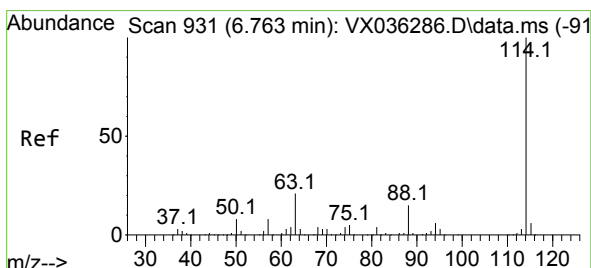
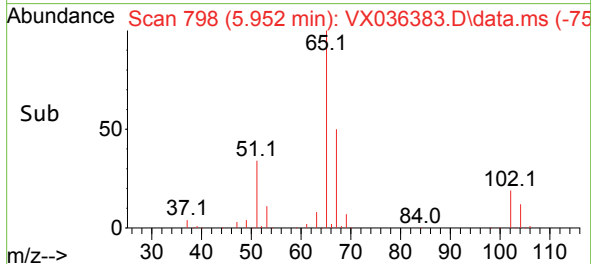
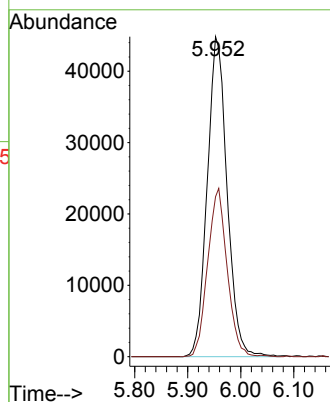
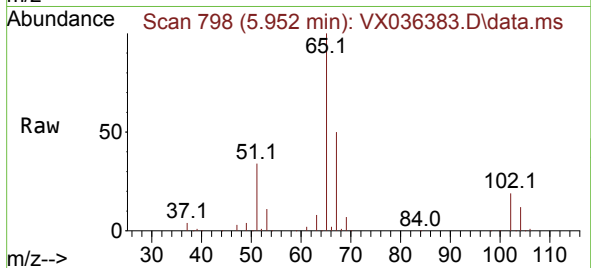
VX0630WBL01

Tgt Ion: 65 Resp: 116629

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036383.D

Acq: 30 Jun 2023 10:38

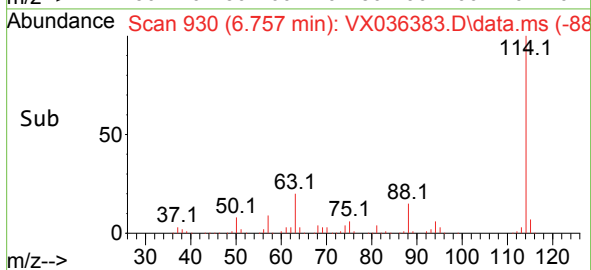
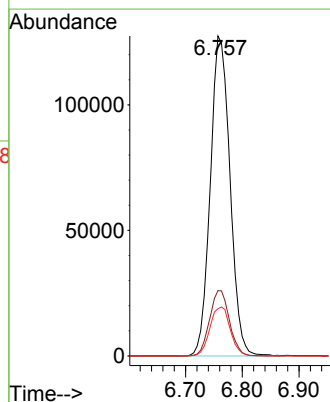
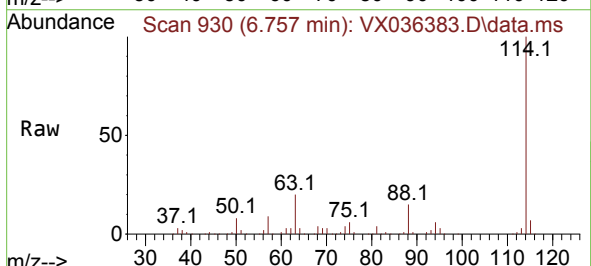
Tgt Ion:114 Resp: 307560

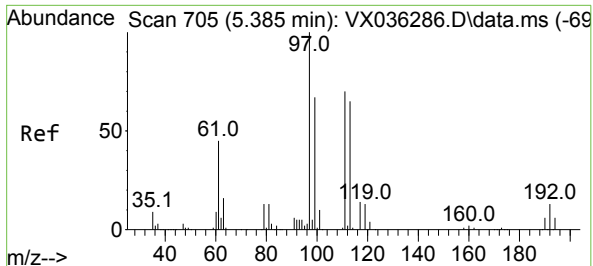
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 14.8 0.0 36.6

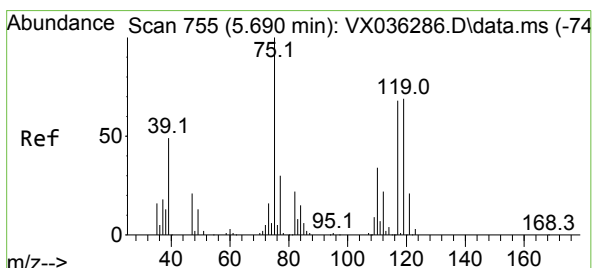
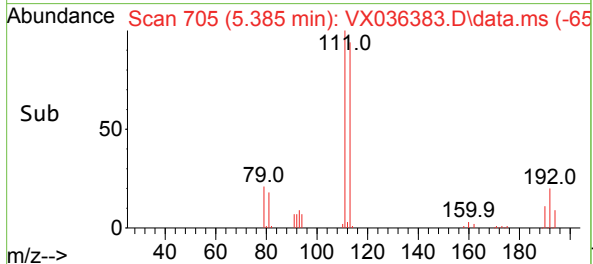
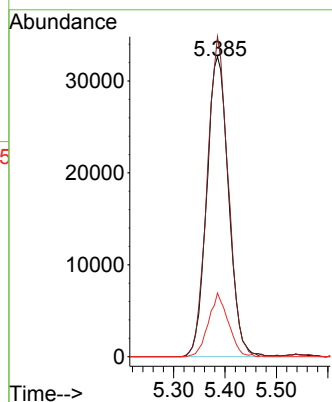
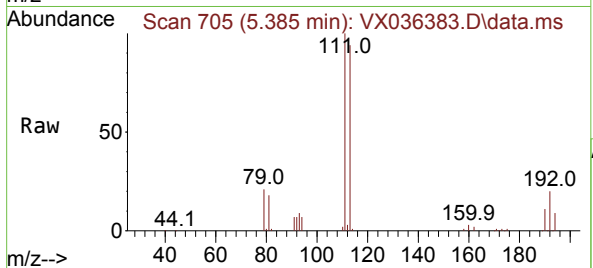




#35
Dibromofluoromethane
Concen: 47.594 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036383.D
Acq: 30 Jun 2023 10:38

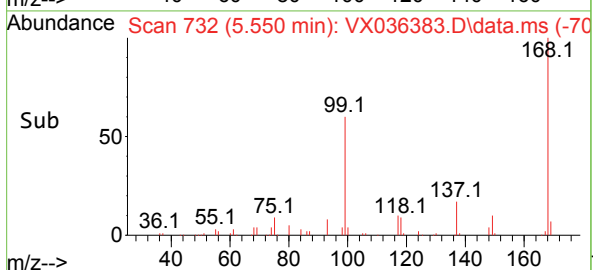
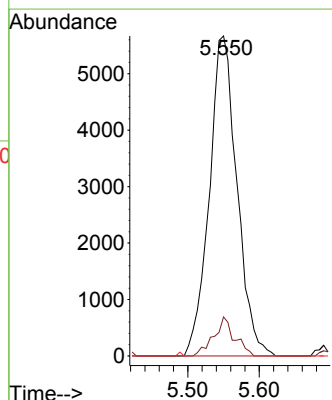
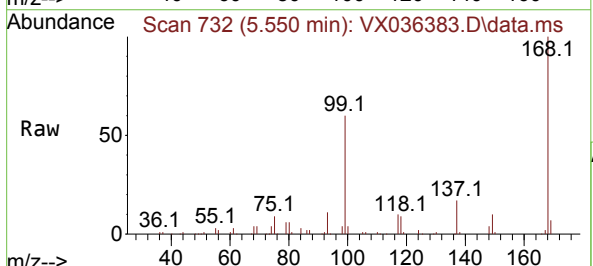
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

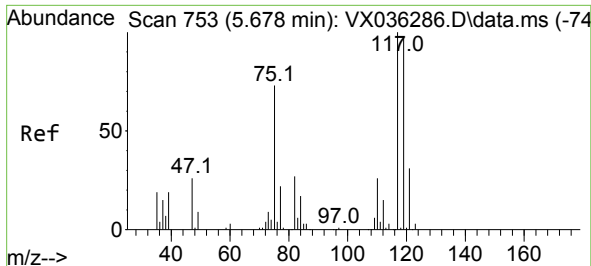
Tgt Ion:113 Resp: 96520
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 19.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.039 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036383.D
Acq: 30 Jun 2023 10:38

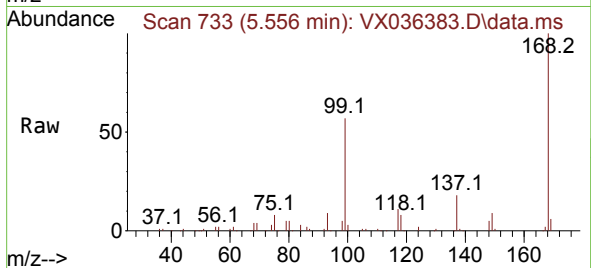
Tgt Ion: 75 Resp: 15234
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



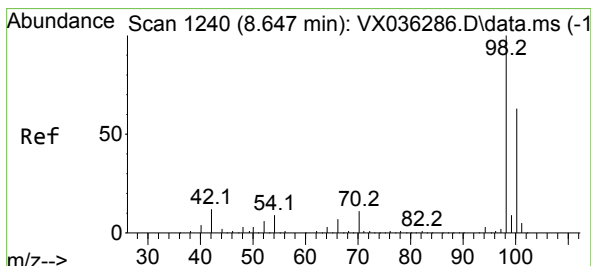
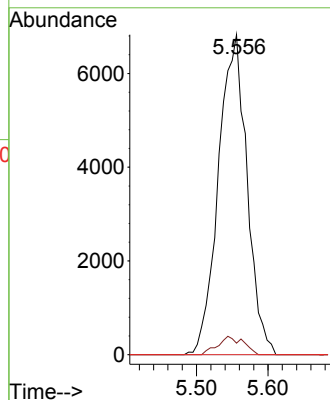
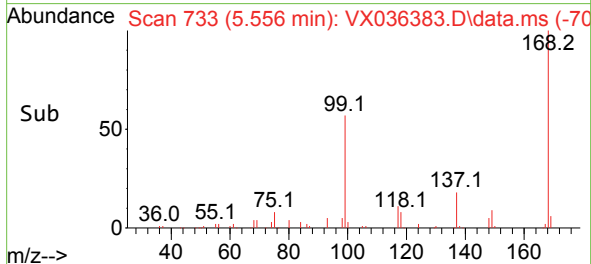


#38
Carbon Tetrachloride
Concen: 6.854 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX036383.D
Acq: 30 Jun 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

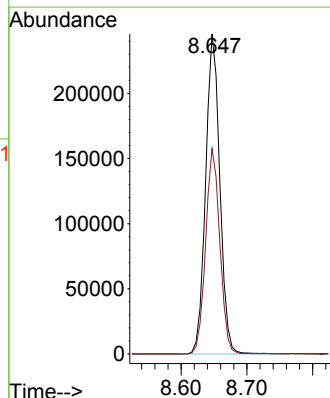
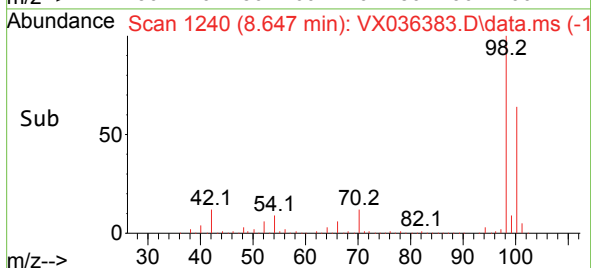
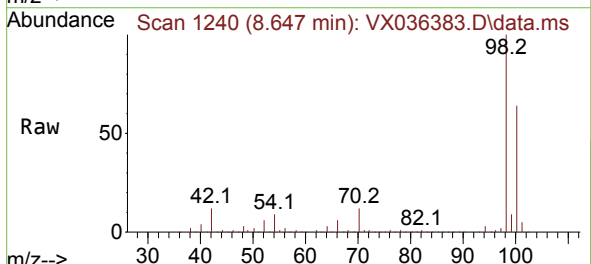


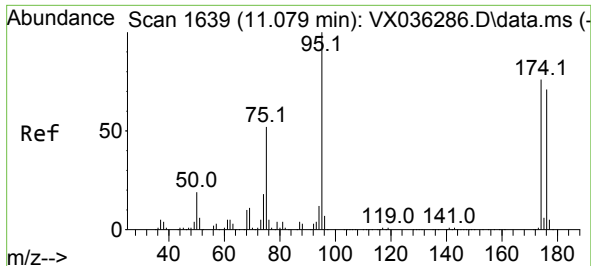
Tgt Ion:117 Resp: 18924
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.594 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036383.D
Acq: 30 Jun 2023 10:38

Tgt Ion: 98 Resp: 368071
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

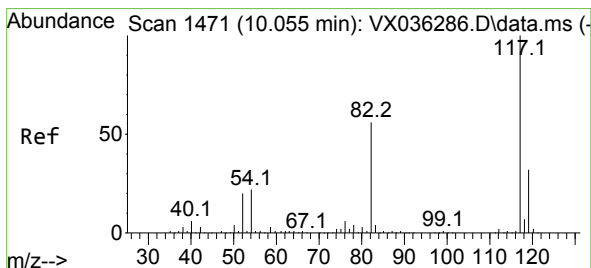
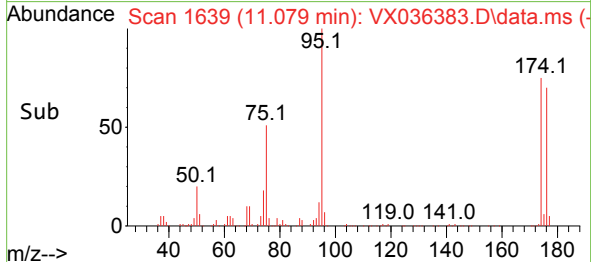
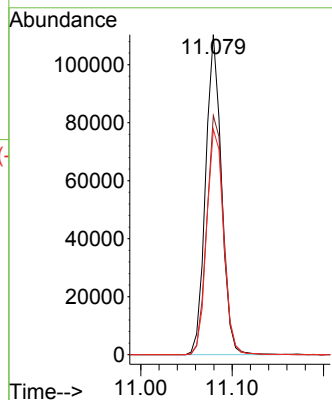
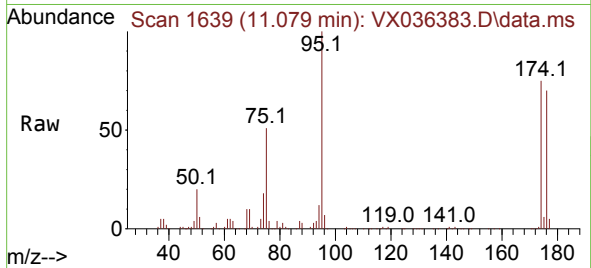




#62
4-Bromofluorobenzene
Concen: 49.619 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036383.D
Acq: 30 Jun 2023 10:38

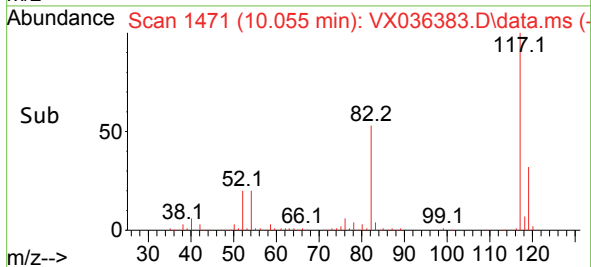
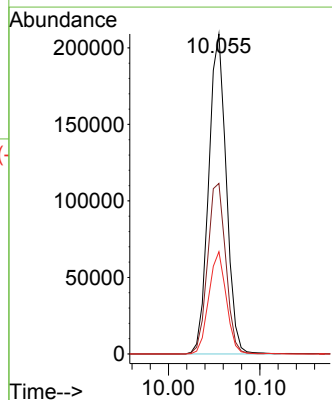
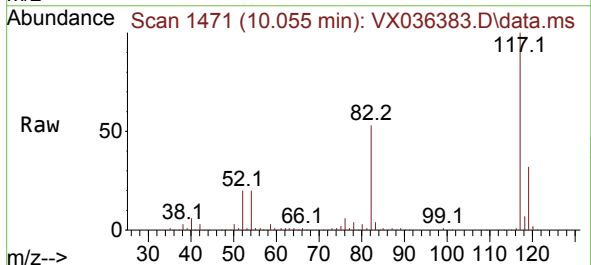
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

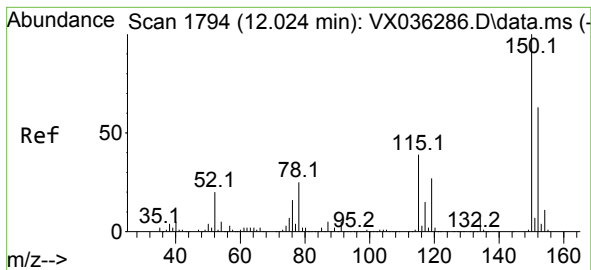
Tgt Ion: 95 Resp: 132382
Ion Ratio Lower Upper
95 100
174 79.1 0.0 135.6
176 75.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036383.D
Acq: 30 Jun 2023 10:38

Tgt Ion: 117 Resp: 279321
Ion Ratio Lower Upper
117 100
82 53.3 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036383.D

Acq: 30 Jun 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBL01

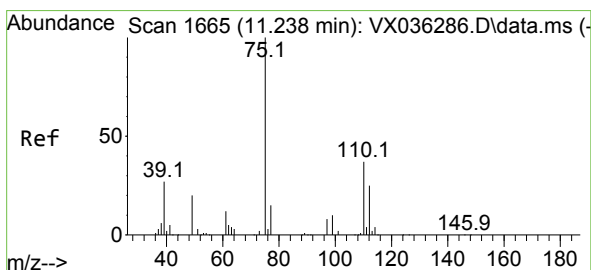
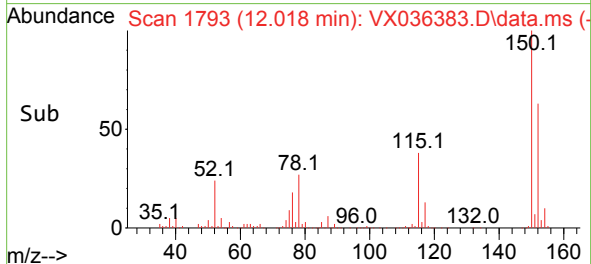
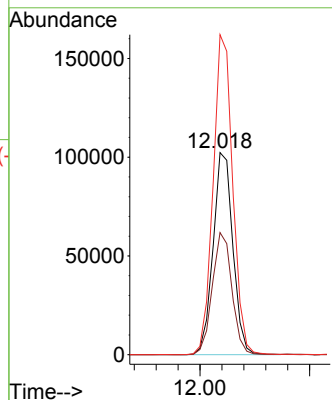
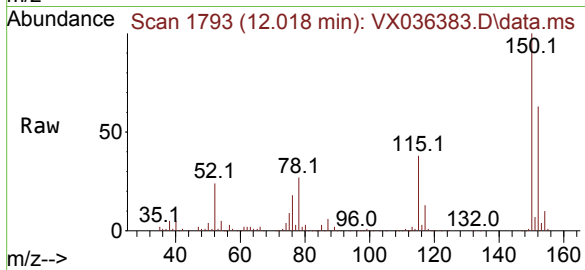
Tgt Ion:152 Resp: 128441

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 156.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.064 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036383.D

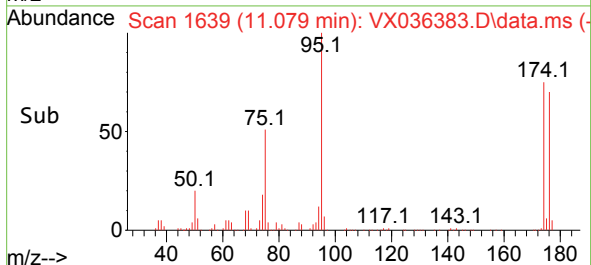
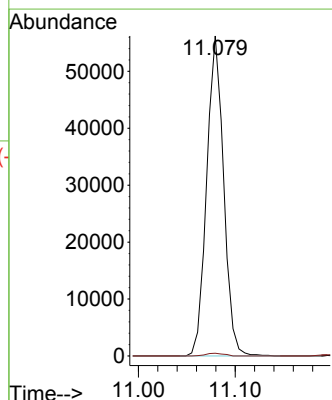
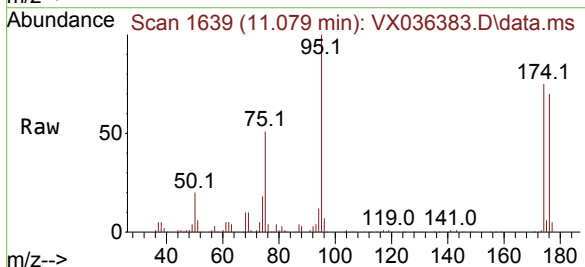
Acq: 30 Jun 2023 10:38

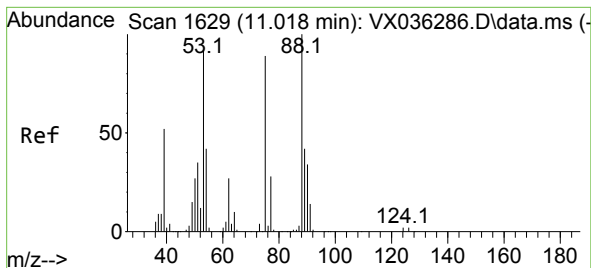
Tgt Ion: 75 Resp: 68668

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#

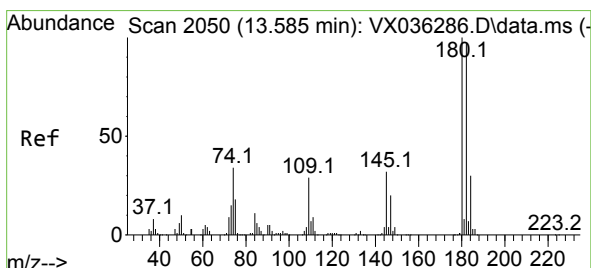
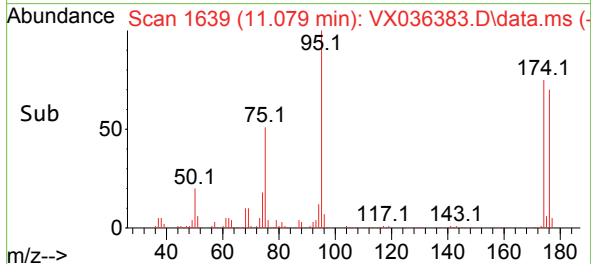
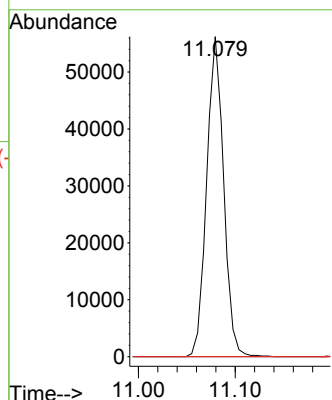
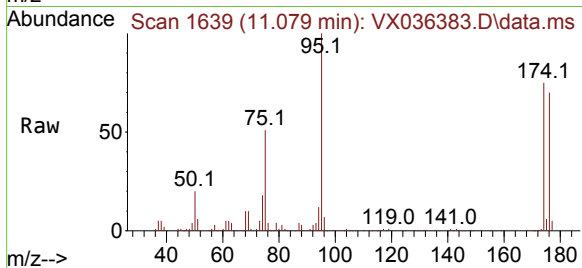




#81
trans-1,4-Dichloro-2-butene
Concen: 81.703 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036383.D
Acq: 30 Jun 2023 10:38

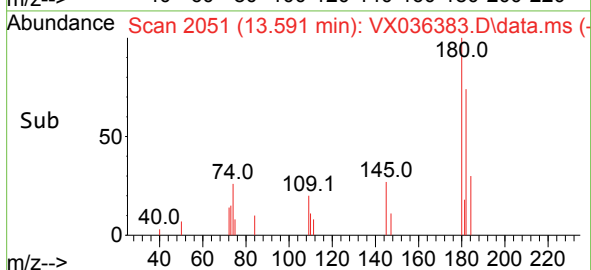
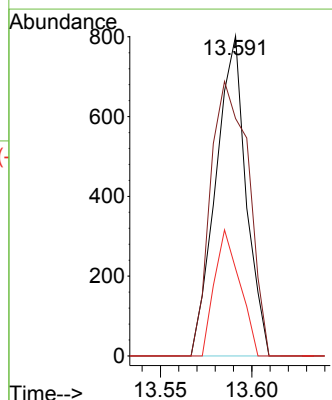
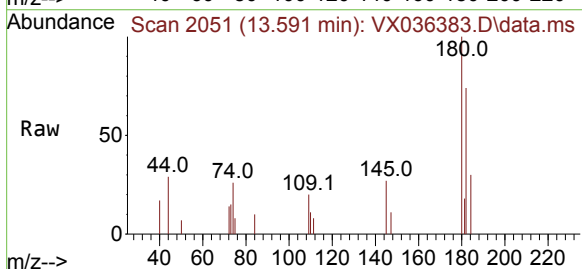
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

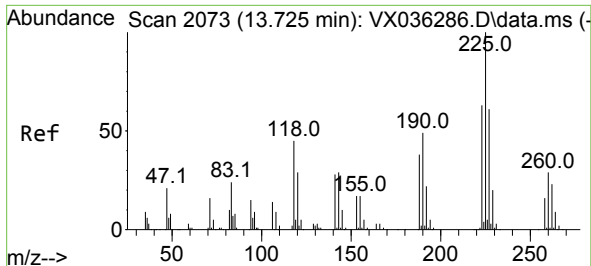
Tgt Ion: 75 Resp: 68668
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.348 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036383.D
Acq: 30 Jun 2023 10:38

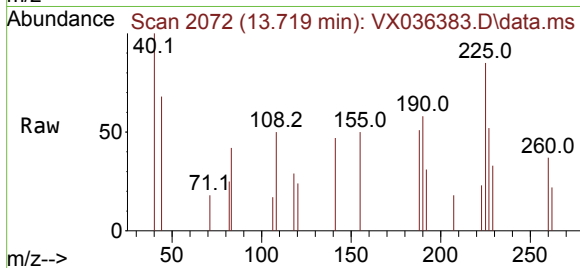
Tgt Ion: 180 Resp: 924
Ion Ratio Lower Upper
180 100
182 107.3 48.3 144.8
145 33.0 18.0 54.0



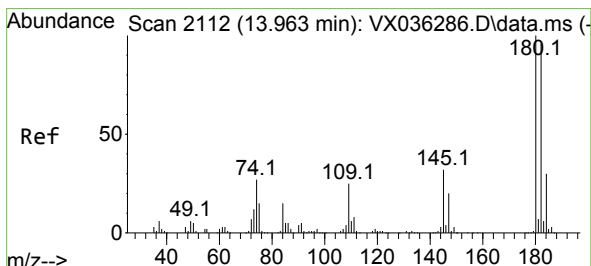
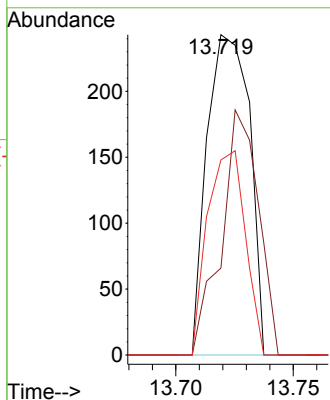
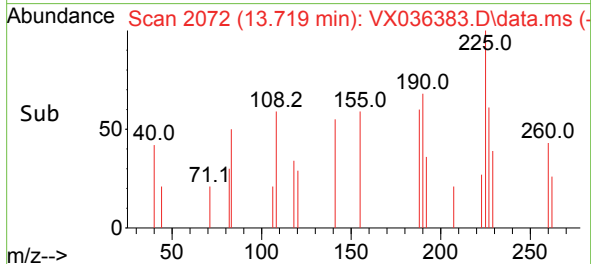


#94
Hexachlorobutadiene
Concen: 0.281 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX036383.D
Acq: 30 Jun 2023 10:38

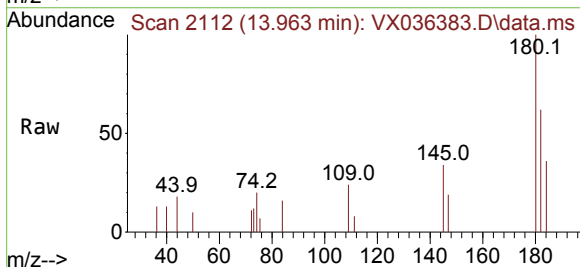
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01



Tgt Ion:225 Resp: 305
Ion Ratio Lower Upper
225 100
223 66.6 31.1 93.2
227 56.7 32.5 97.5



#96
1,2,3-Trichlorobenzene
Concen: 0.342 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036383.D
Acq: 30 Jun 2023 10:38



Tgt Ion:180 Resp: 886
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 38.6 17.8 53.5

