

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038463.D
 Acq On : 24 Oct 2023 18:13
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 25 06:12:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

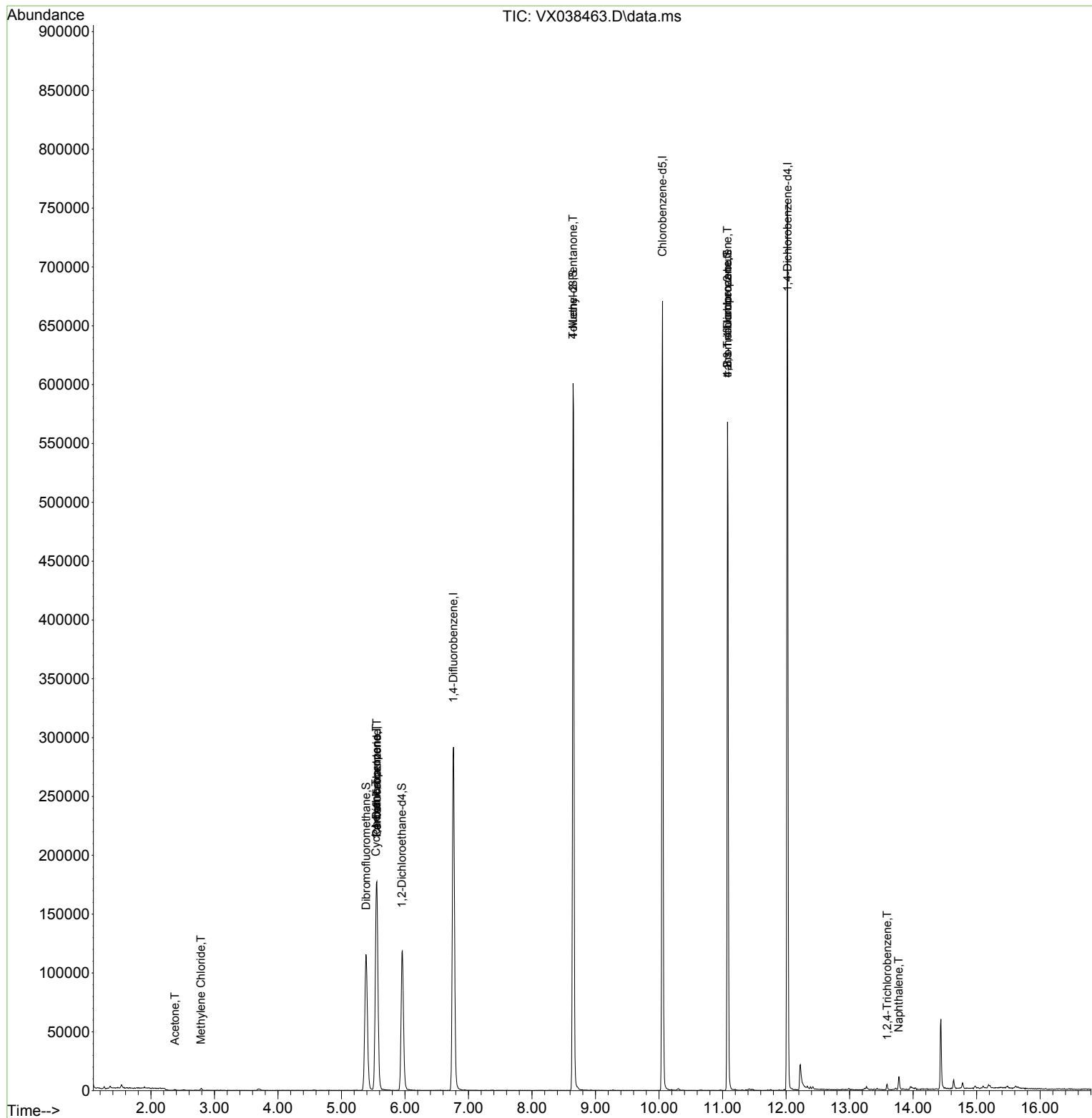
Internal Standards						
1) Pentafluorobenzene	5.556	168	175335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	309793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	114156	40.479	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.960%		
35) Dibromofluoromethane	5.385	113	101877	45.639	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.280%		
50) Toluene-d8	8.647	98	374667	43.923	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.840%#		
62) 4-Bromofluorobenzene	11.079	95	147357	45.568	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.140%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.685	94	21	Below Cal	#	3
6) Chloroethane	1.660	64	93	Below Cal	#	43
16) Acetone	2.380	43	483	0.410	ug/l #	87
20) Methylene Chloride	2.788	84	735	0.332	ug/l #	70
31) Cyclohexane	5.544	56	3711	1.215	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	13666	4.440	ug/l #	50
38) Carbon Tetrachloride	5.556	117	18084	5.972	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1531	0.407	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	74706	19.720	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	74706	56.969	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1258	0.356	ug/l	97
95) Naphthalene	13.774	128	8212	0.667	ug/l	98

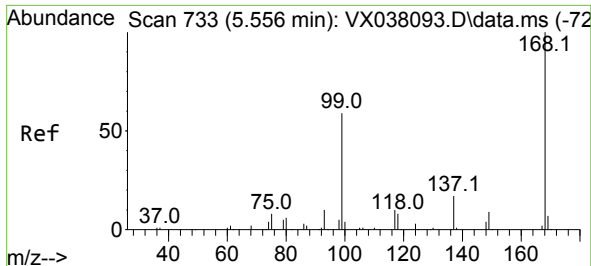
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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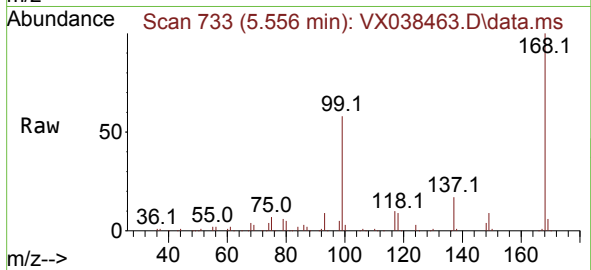
Quant Time: Oct 25 06:12:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



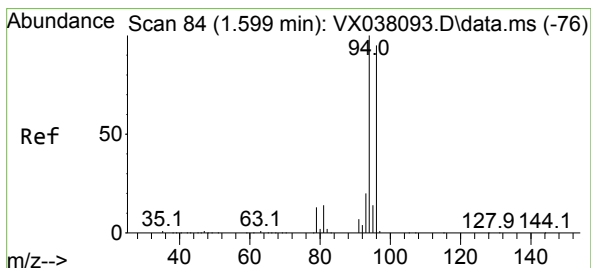
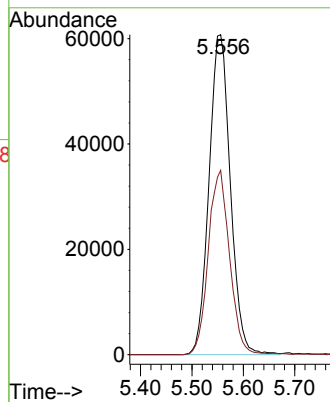
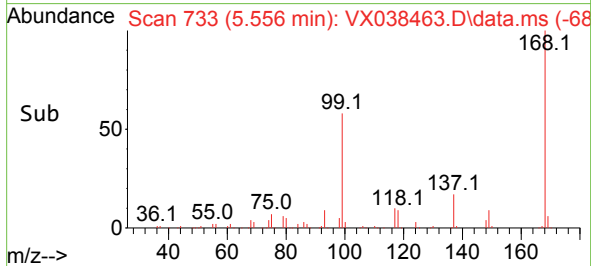


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038463.D
Acq: 24 Oct 2023 18:13

Instrument :
MSVOA_X
ClientSampleId :

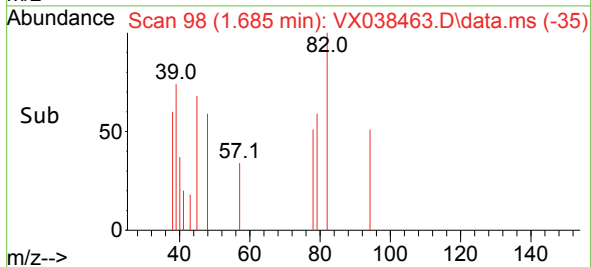
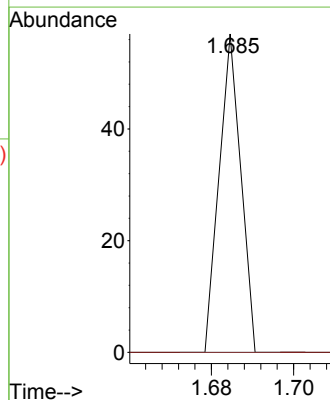
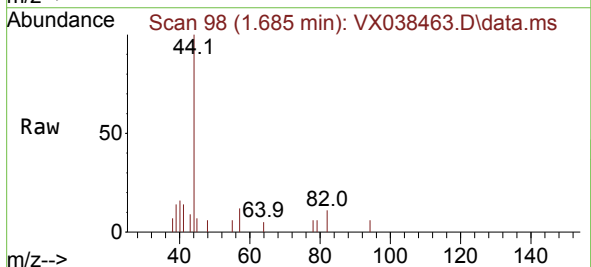


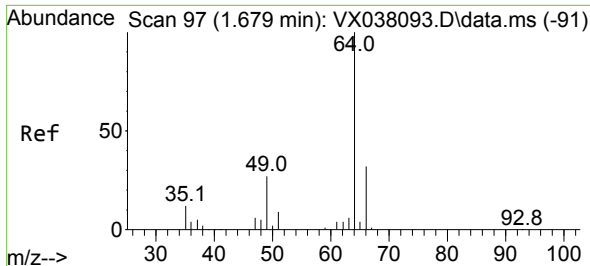
Tgt Ion:168 Resp: 175335
Ion Ratio Lower Upper
168 100
99 57.6 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.086 min
Lab File: VX038463.D
Acq: 24 Oct 2023 18:13

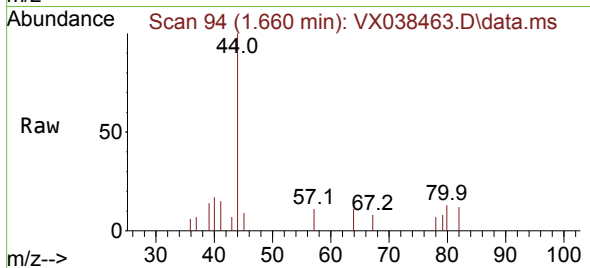
Tgt Ion: 94 Resp: 21
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



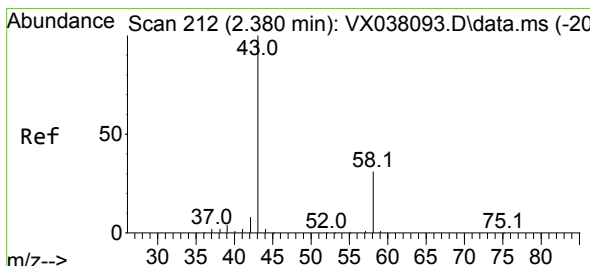
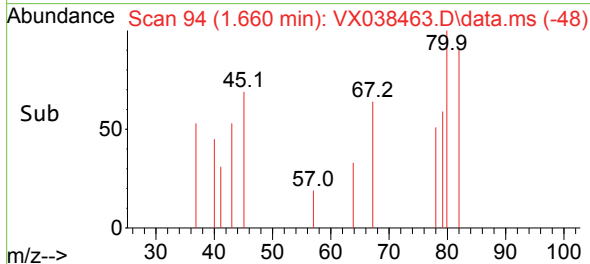
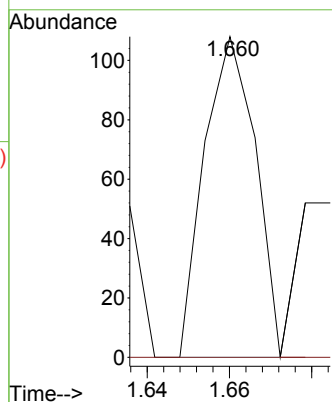


#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038463.D
Acq: 24 Oct 2023 18:13

Instrument :
MSVOA_X
ClientSampleId :

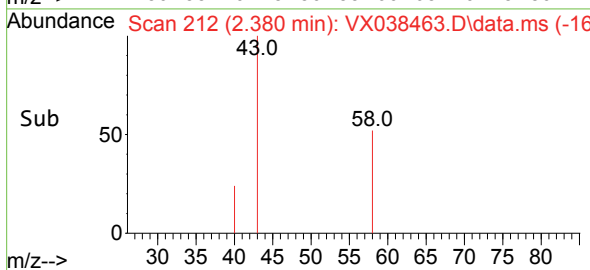
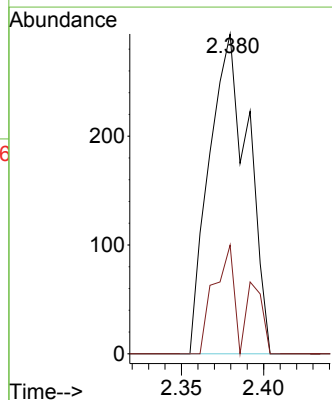
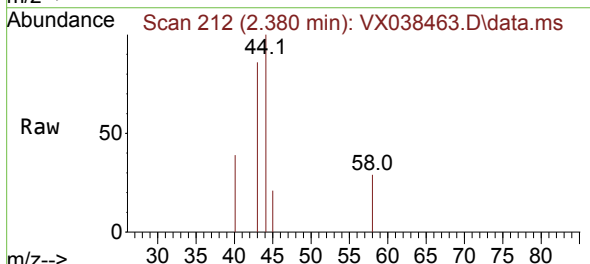


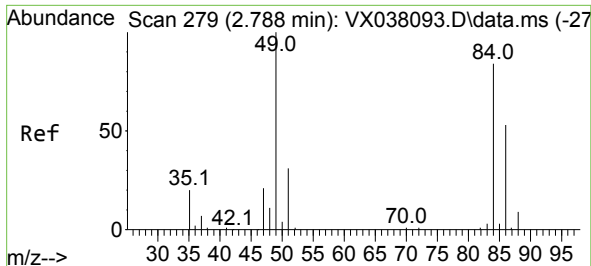
Tgt Ion: 64 Resp: 93
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 0.410 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038463.D
Acq: 24 Oct 2023 18:13

Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.332 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

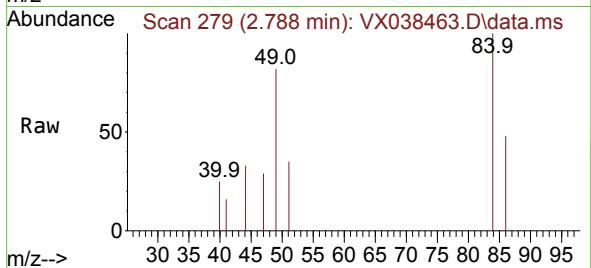
Lab File: VX038463.D

Acq: 24 Oct 2023 18:13

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 735

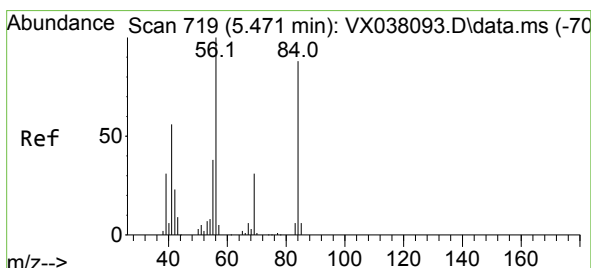
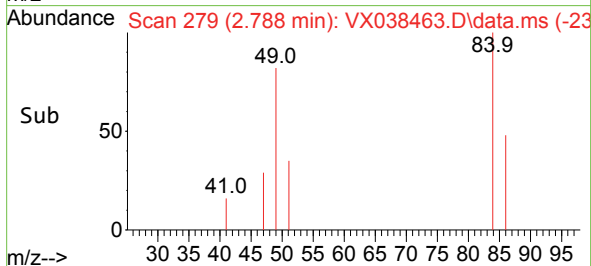
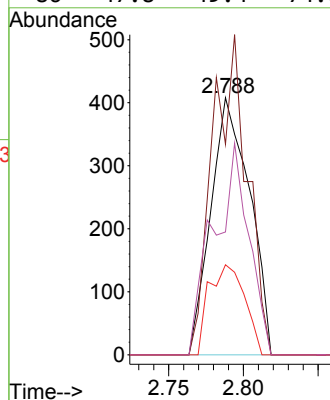
Ion Ratio Lower Upper

84 100

49 81.9 103.6 155.4#

51 35.0 33.8 50.6

86 47.8 49.4 74.0#



#31

Cyclohexane

Concen: 1.215 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX038463.D

Acq: 24 Oct 2023 18:13

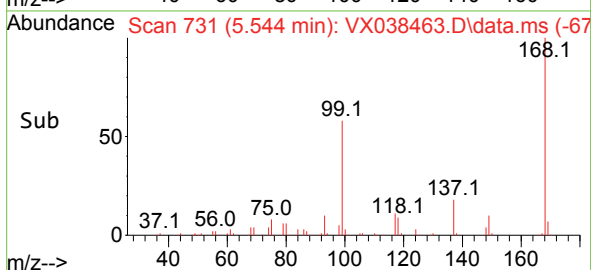
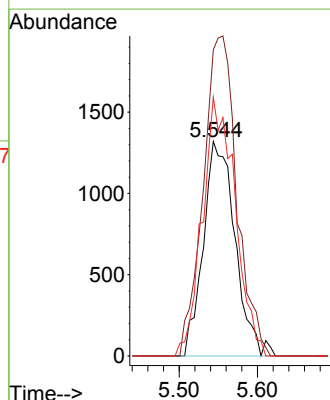
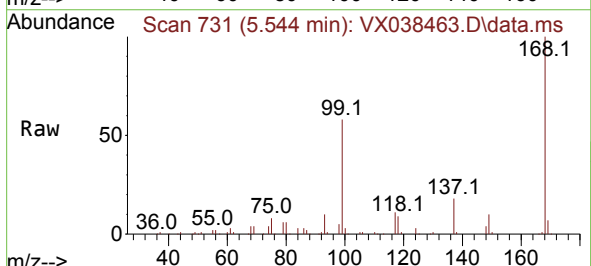
Tgt Ion: 56 Resp: 3711

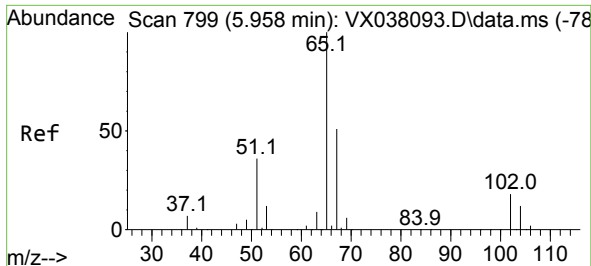
Ion Ratio Lower Upper

56 100

69 142.7 23.4 35.2#

84 120.6 65.9 98.9#

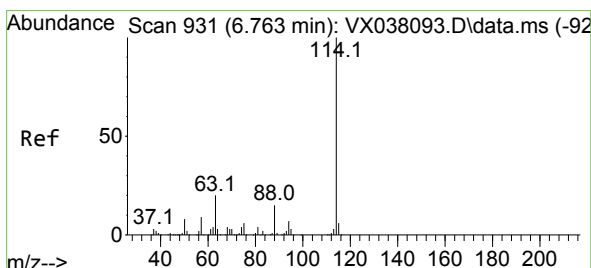
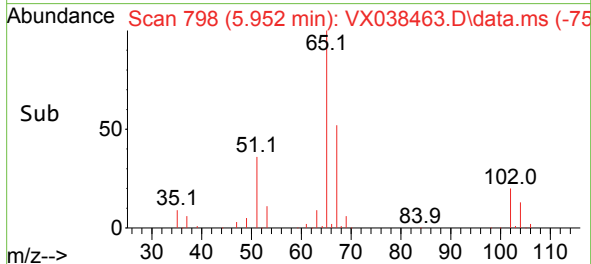
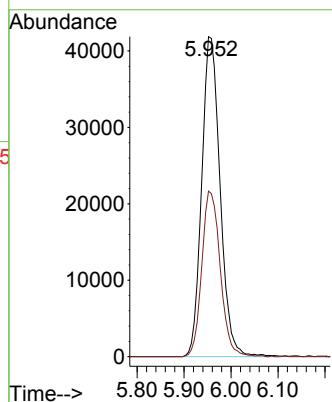
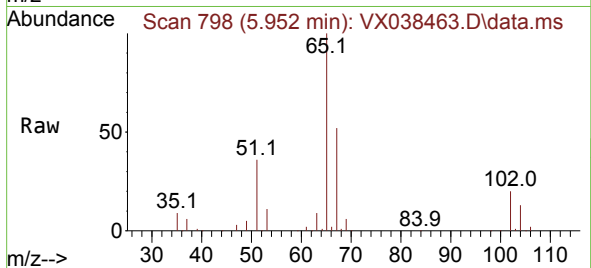




#33
 1,2-Dichloroethane-d4
 Concen: 40.479 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX038463.D
 Acq: 24 Oct 2023 18:13

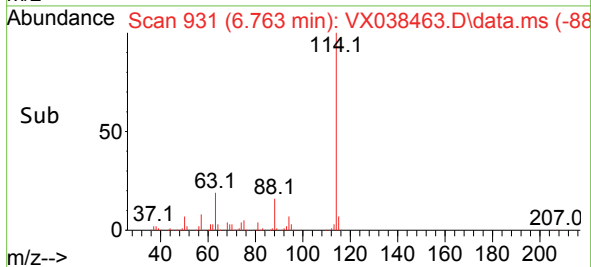
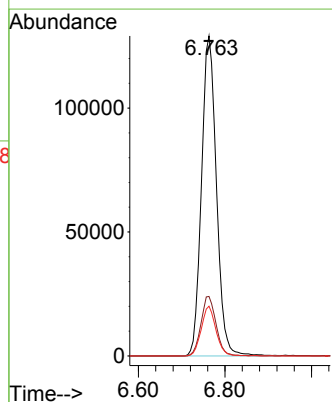
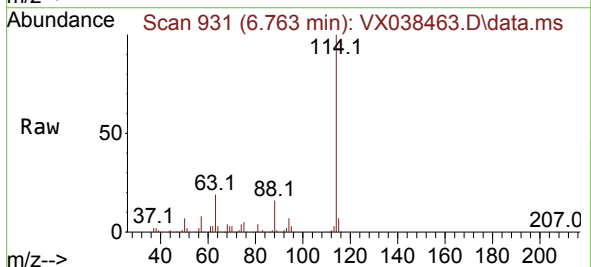
Instrument :
 MSVOA_X
 ClientSampleId :

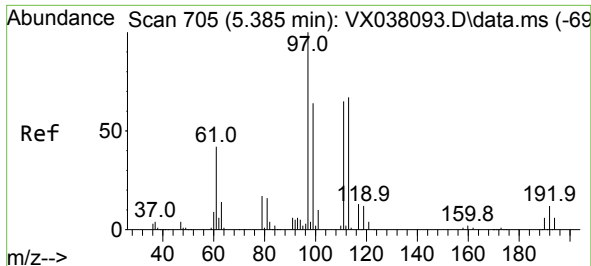
Tgt Ion: 65 Resp: 114156
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038463.D
 Acq: 24 Oct 2023 18:13

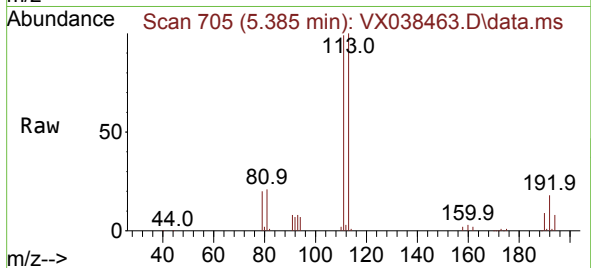
Tgt Ion:114 Resp: 309793
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 45.0
 88 15.6 0.0 36.6



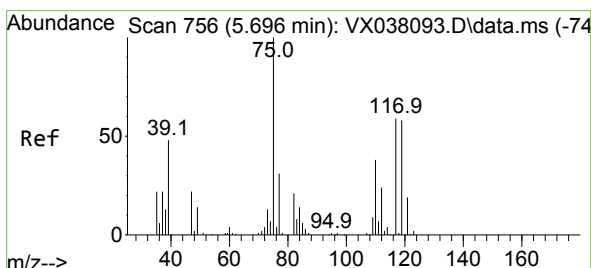
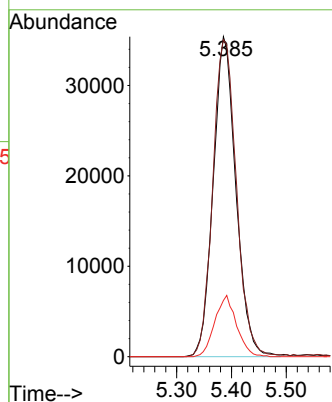
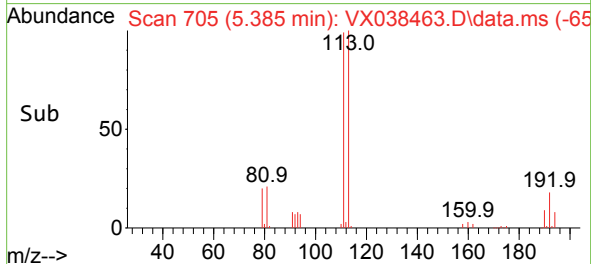


#35
Dibromofluoromethane
Concen: 45.639 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038463.D
Acq: 24 Oct 2023 18:13

Instrument :
MSVOA_X
ClientSampleId :

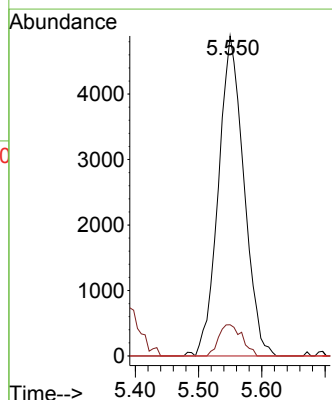
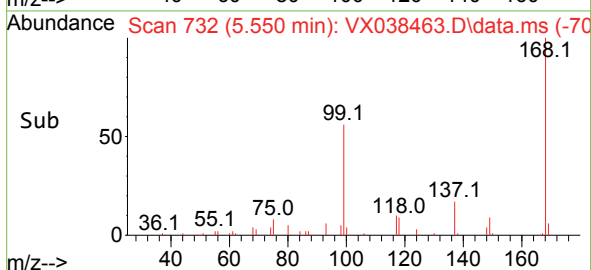
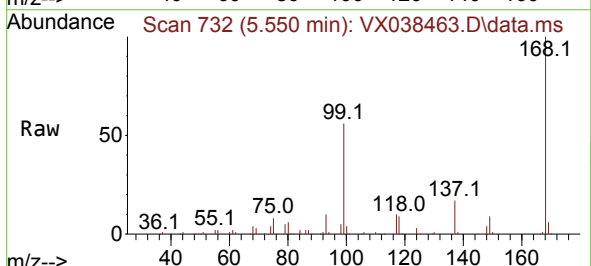


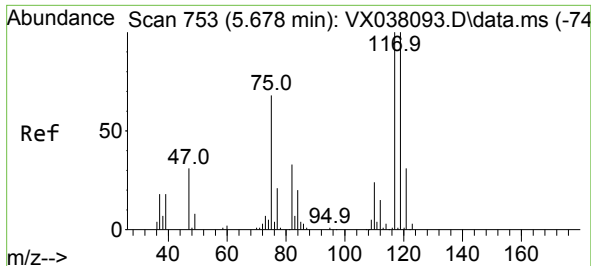
Tgt Ion:113 Resp: 101877
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.440 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038463.D
Acq: 24 Oct 2023 18:13

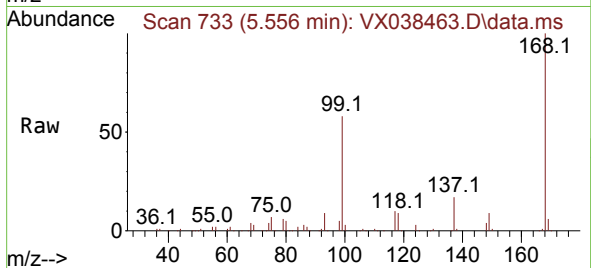
Tgt Ion: 75 Resp: 13666
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



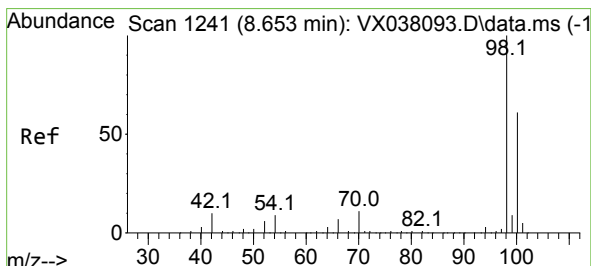
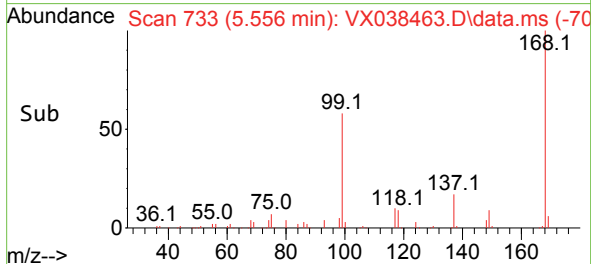
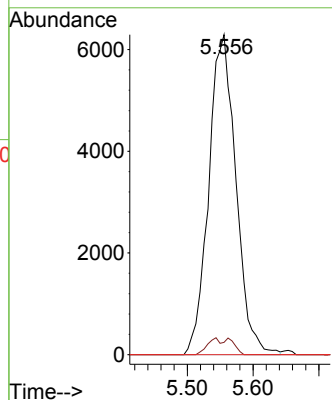


#38
Carbon Tetrachloride
Concen: 5.972 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038463.D
Acq: 24 Oct 2023 18:13

Instrument :
MSVOA_X
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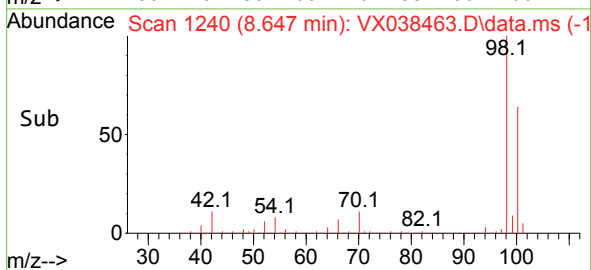
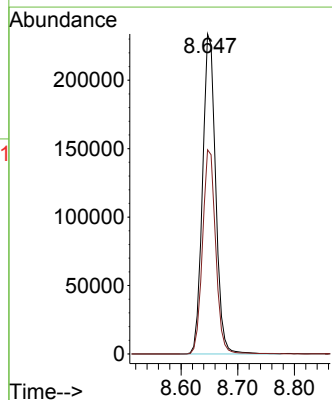
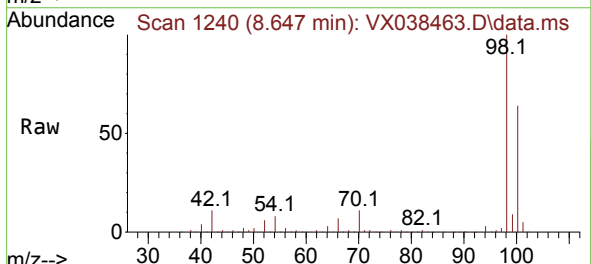


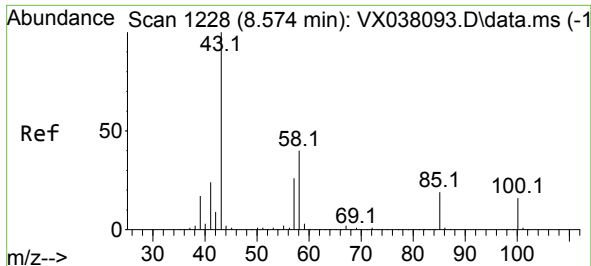
Tgt Ion:117 Resp: 18084
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 43.923 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038463.D
Acq: 24 Oct 2023 18:13

Tgt Ion: 98 Resp: 374667
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

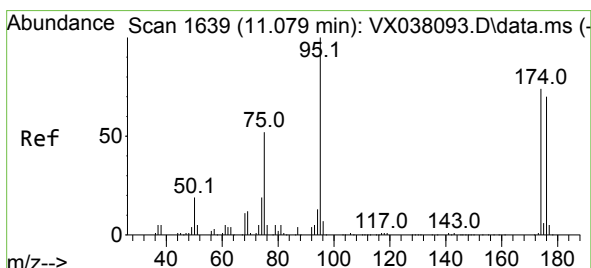
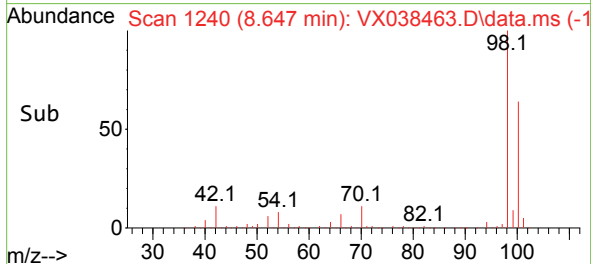
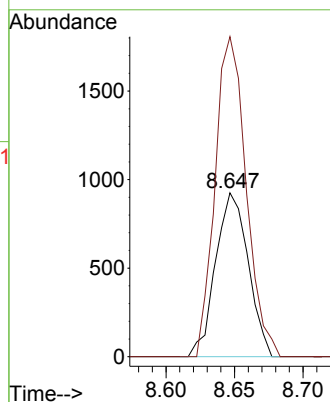
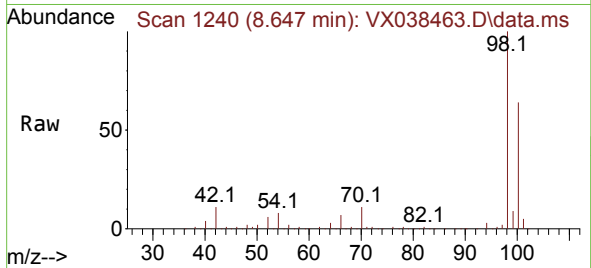




#51
4-Methyl-2-Pentanone
Concen: 0.407 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038463.D
Acq: 24 Oct 2023 18:13

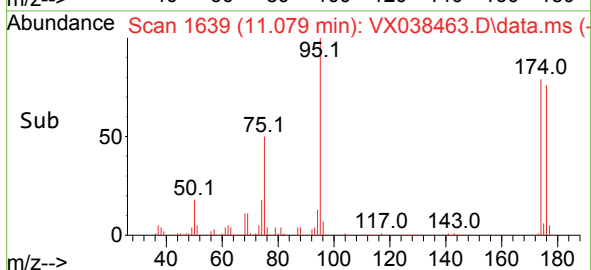
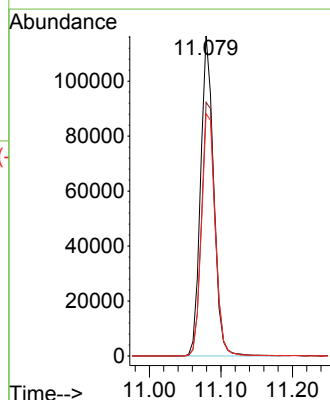
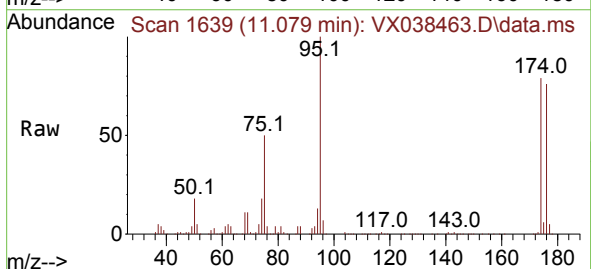
Instrument :
MSVOA_X
ClientSampleId :

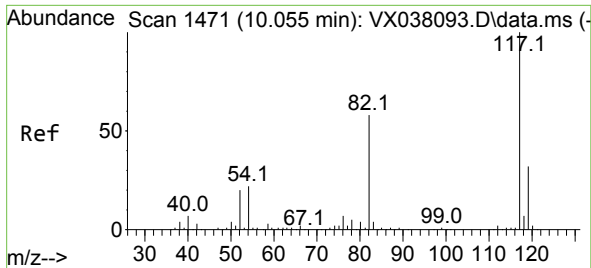
Tgt Ion: 43 Resp: 1531
Ion Ratio Lower Upper
43 100
58 186.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.568 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038463.D
Acq: 24 Oct 2023 18:13

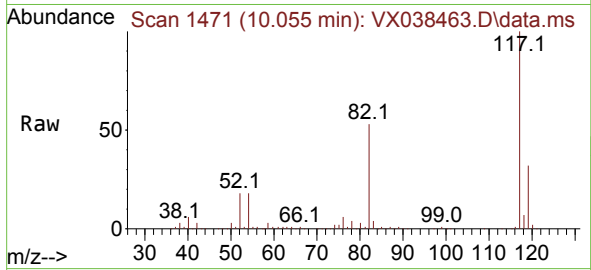
Tgt Ion: 95 Resp: 147357
Ion Ratio Lower Upper
95 100
174 83.7 0.0 135.6
176 80.0 0.0 131.0



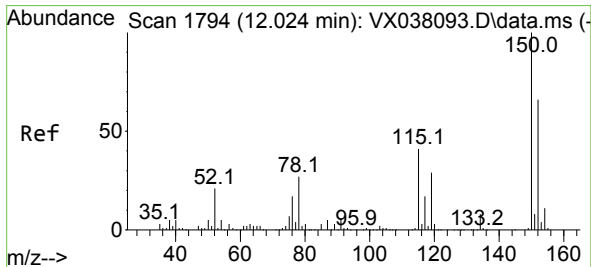
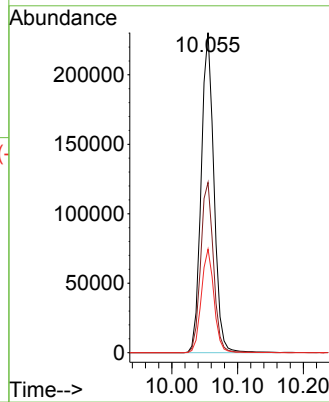
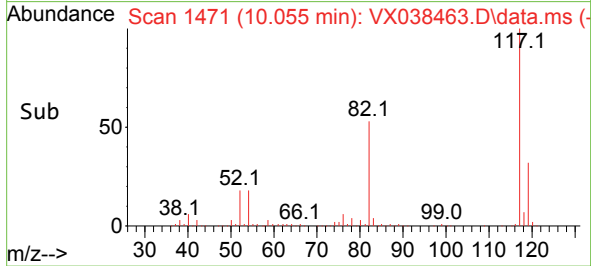


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038463.D
Acq: 24 Oct 2023 18:13

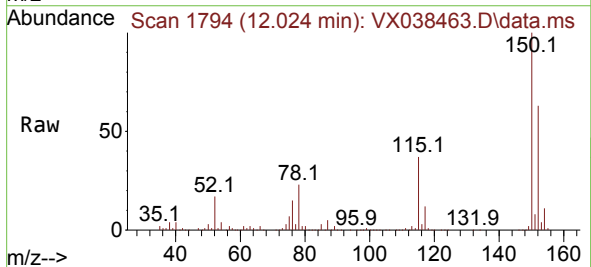
Instrument :
MSVOA_X
ClientSampleId :



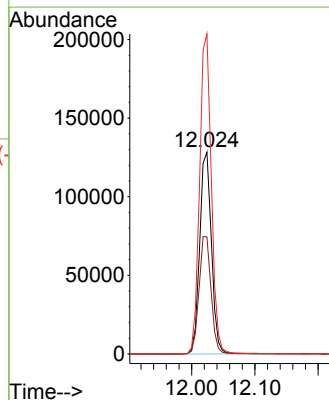
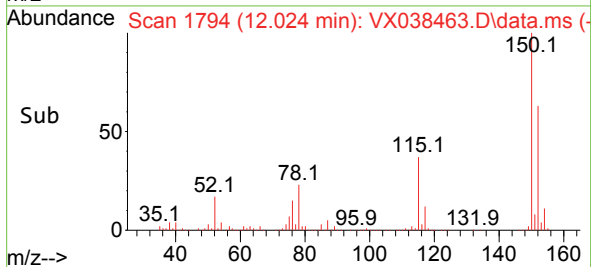
Tgt Ion:117 Resp: 310605
Ion Ratio Lower Upper
117 100
82 53.2 46.2 69.4
119 32.4 25.5 38.3

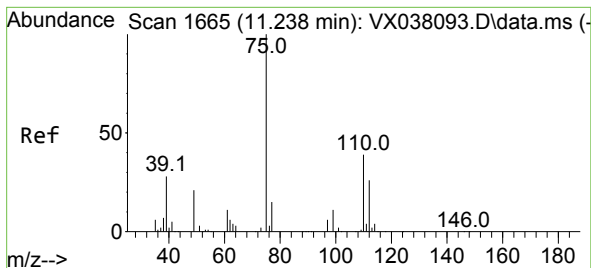


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038463.D
Acq: 24 Oct 2023 18:13



Tgt Ion:152 Resp: 166641
Ion Ratio Lower Upper
152 100
115 59.7 43.3 129.9
150 158.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.720 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038463.D

Acq: 24 Oct 2023 18:13

Instrument :

MSVOA_X

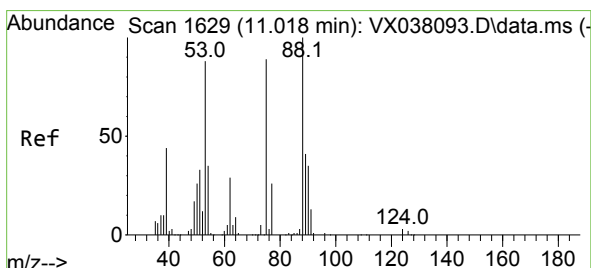
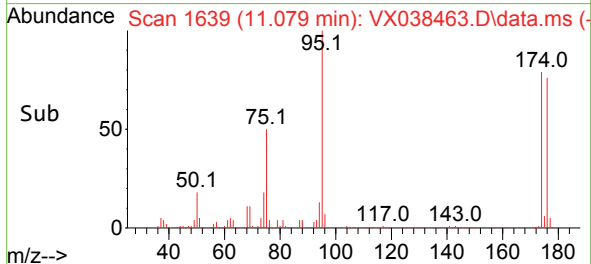
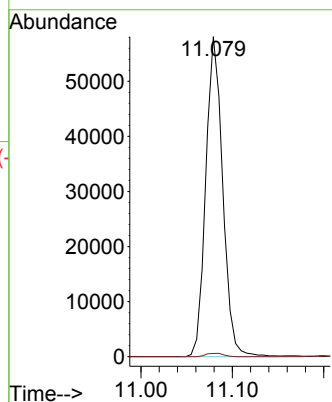
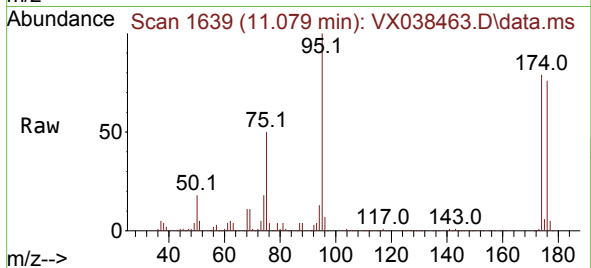
ClientSampleId :

Tgt Ion: 75 Resp: 74706

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.969 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038463.D

Acq: 24 Oct 2023 18:13

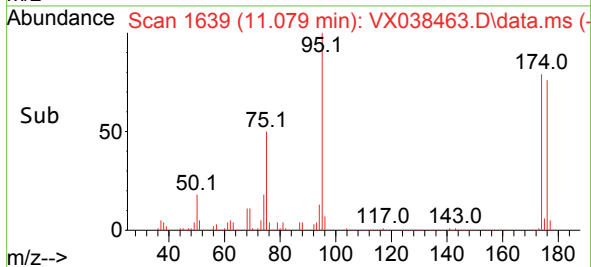
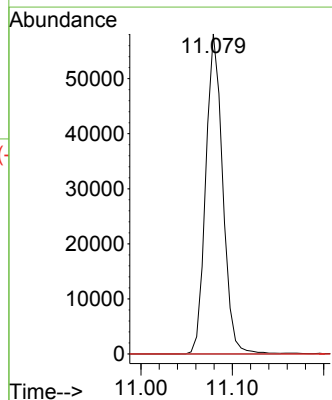
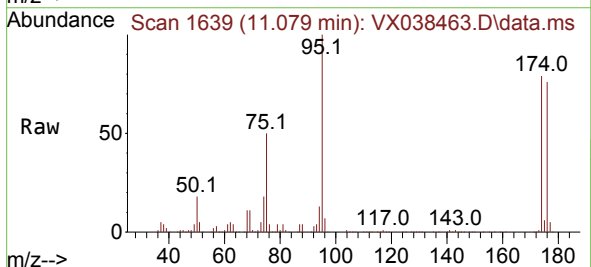
Tgt Ion: 75 Resp: 74706

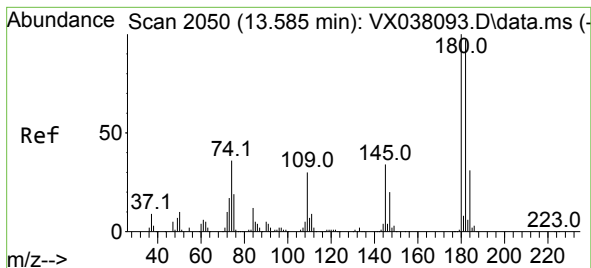
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.356 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038463.D

Acq: 24 Oct 2023 18:13

Instrument :

MSVOA_X

ClientSampleId :

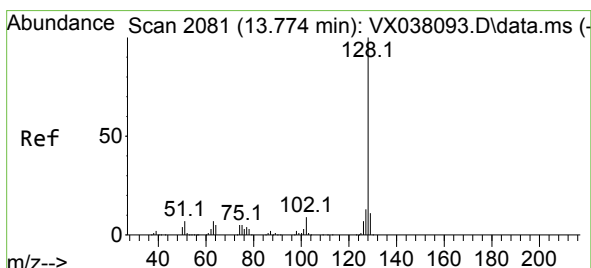
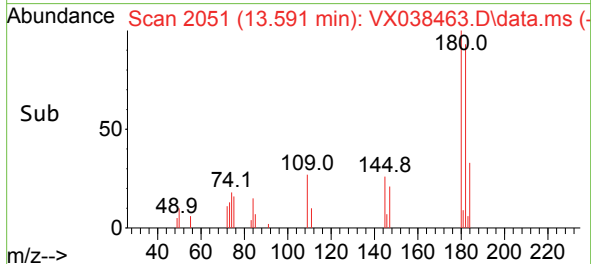
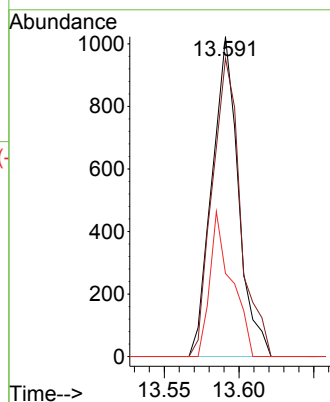
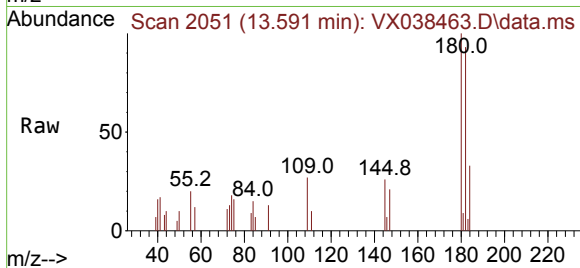
Tgt Ion:180 Resp: 1258

Ion Ratio Lower Upper

180 100

182 99.4 48.3 144.8

145 37.0 18.0 54.0



#95

Naphthalene

Concen: 0.667 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038463.D

Acq: 24 Oct 2023 18:13

Tgt Ion:128 Resp: 8212

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 10.6 8.8 13.2

