

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039215.D
 Acq On : 14 Dec 2023 17:51
 Operator : JC/MD
 Sample : 05829-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 03:04:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

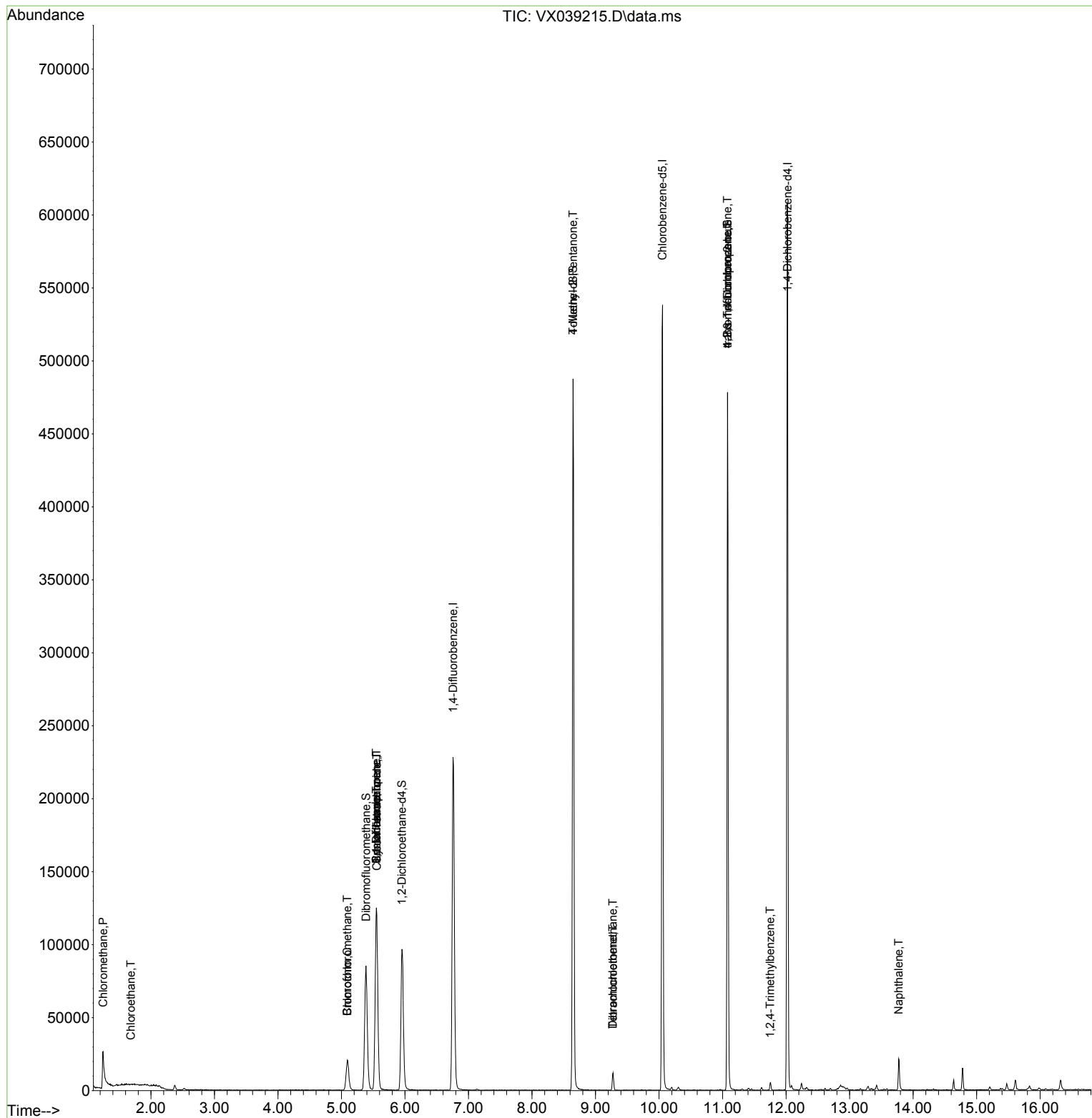
Internal Standards						
1) Pentafluorobenzene	5.549	168	106362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223015	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96968	49.766	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.540%		
35) Dibromofluoromethane	5.385	113	74145	48.124	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.240%		
50) Toluene-d8	8.646	98	282696	49.423	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.840%		
62) 4-Bromofluorobenzene	11.079	95	129668	54.944	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.880%		
Target Compounds						Qvalue
3) Chloromethane	1.245	50	1209	0.730	ug/l #	43
6) Chloroethane	1.684	64	573	0.617	ug/l #	43
16) Acetone	2.373	43	3216	Below Cal	#	77
28) Bromochloromethane	5.092	49	2248	1.616	ug/l #	16
30) Chloroform	5.092	83	23872	8.378	ug/l	95
31) Cyclohexane	5.549	56	3020	1.200	ug/l #	19
36) 1,1-Dichloropropene	5.549	75	10482	4.311	ug/l #	47
38) Carbon Tetrachloride	5.556	117	12687	5.468	ug/l #	15
51) 4-Methyl-2-Pentanone	8.646	43	1609	0.517	ug/l #	1
60) Dibromochloromethane	9.274	129	2092	1.194	ug/l #	11
64) Tetrachloroethene	9.274	164	2083	1.387	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	72634	24.090	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	72634	67.958	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	2811	0.358	ug/l	97
95) Naphthalene	13.774	128	14834	1.740	ug/l	98

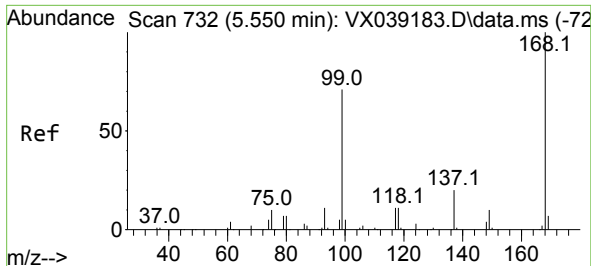
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
Data File : VX039215.D
Acq On : 14 Dec 2023 17:51
Operator : JC/MD
Sample : 05829-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

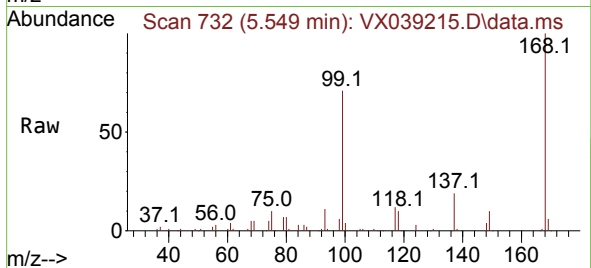
Quant Time: Dec 15 03:04:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



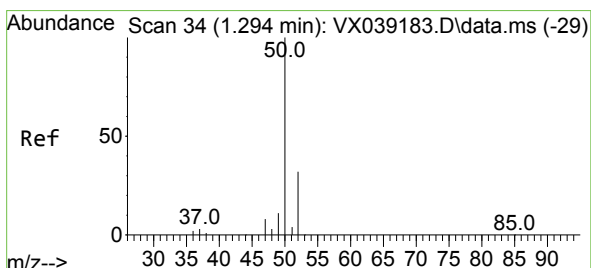
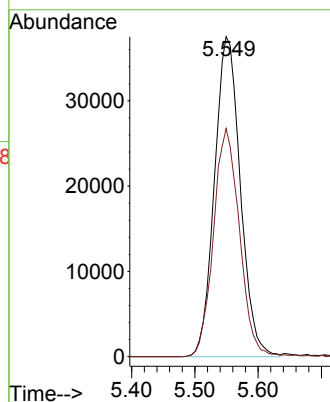
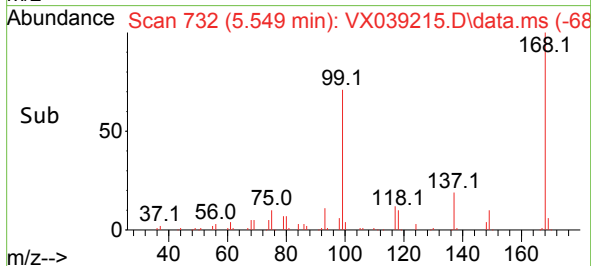


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

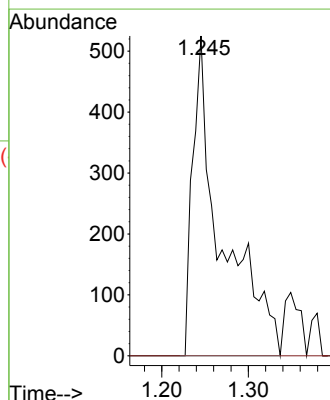
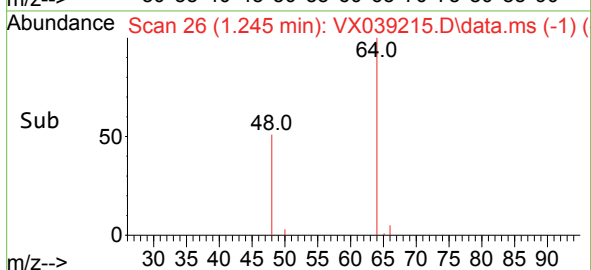
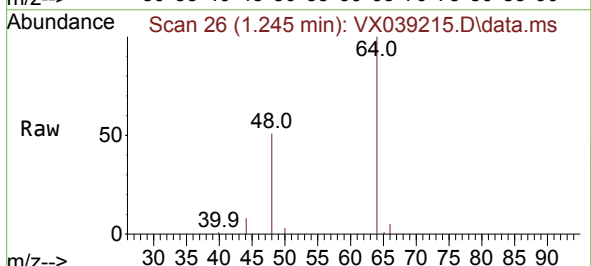


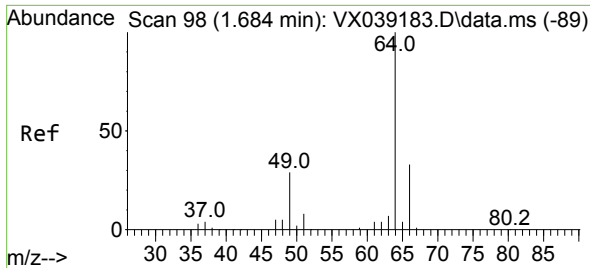
Tgt Ion:168 Resp: 106362
Ion Ratio Lower Upper
168 100
99 71.3 56.6 85.0



#3
Chloromethane
Concen: 0.730 ug/l
RT: 1.245 min Scan# 26
Delta R.T. -0.049 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

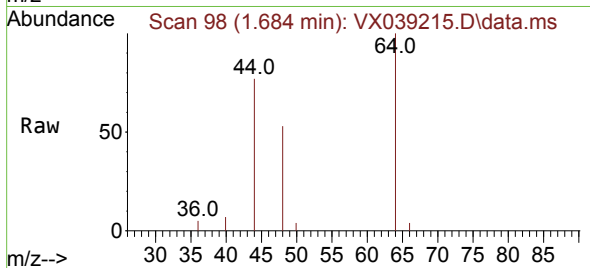
Tgt Ion: 50 Resp: 1209
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



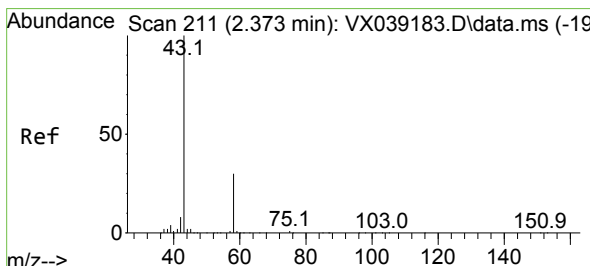
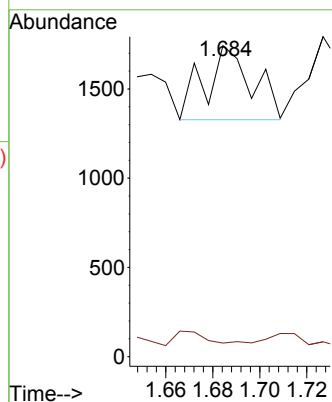
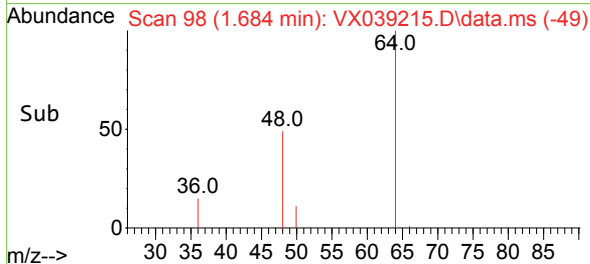


#6
Chloroethane
Concen: 0.617 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

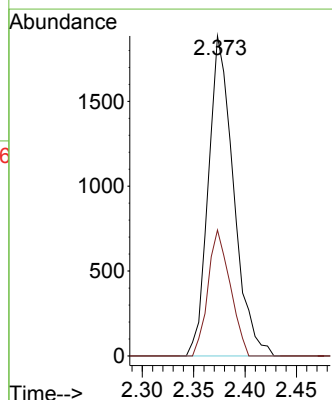
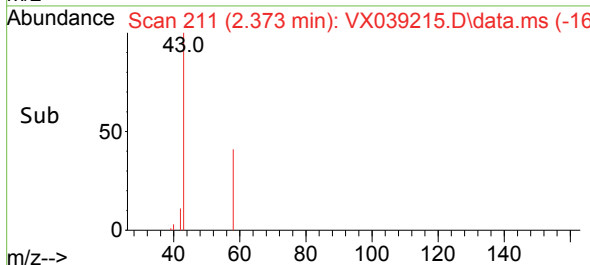
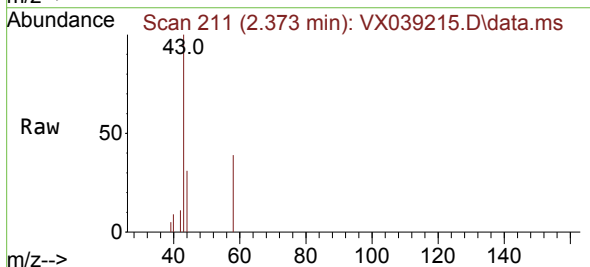


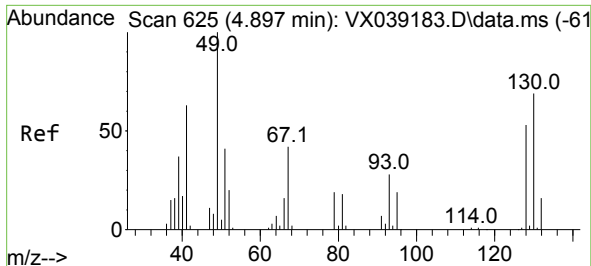
Tgt Ion: 64 Resp: 573
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

Tgt Ion: 43 Resp: 3216
Ion Ratio Lower Upper
43 100
58 39.3 21.9 32.9#

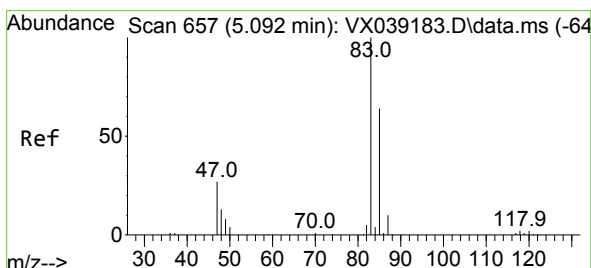
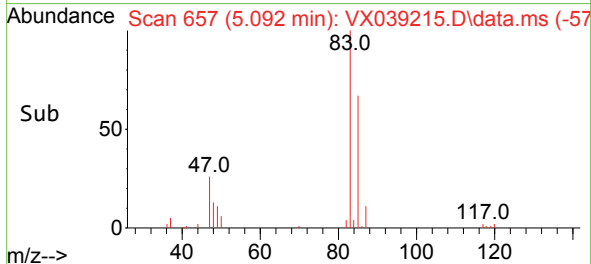
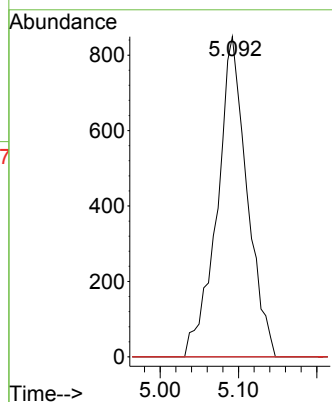
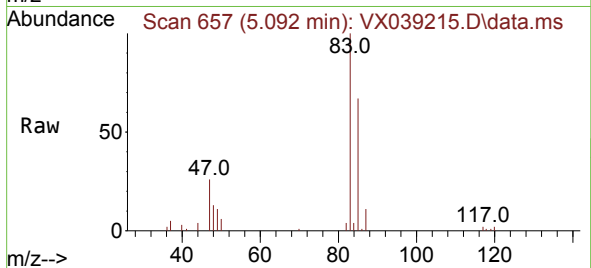




#28
Bromochloromethane
Concen: 1.616 ug/l
RT: 5.092 min Scan# 61
Delta R.T. 0.195 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

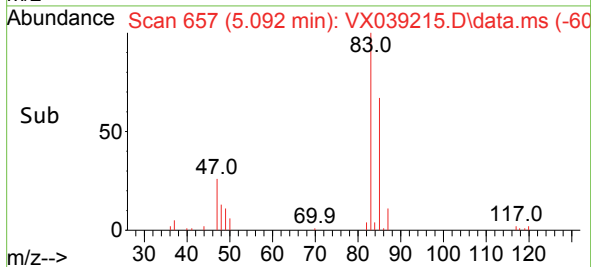
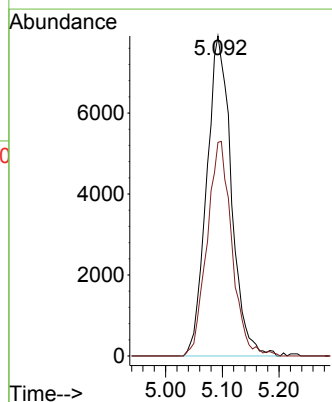
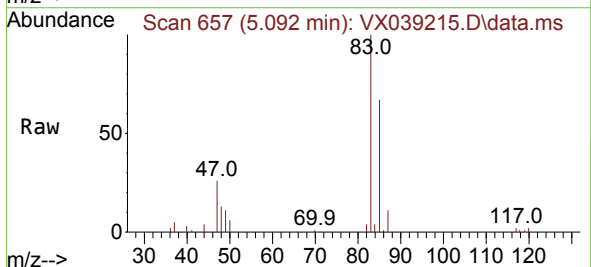
Instrument :
MSVOA_X
ClientSampleId :

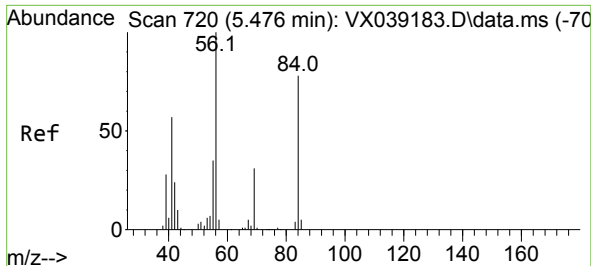
Tgt Ion: 49 Resp: 2248
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 8.378 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

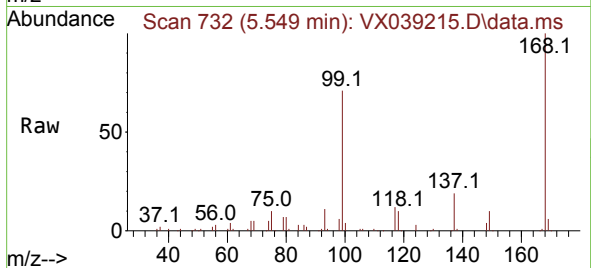
Tgt Ion: 83 Resp: 23872
Ion Ratio Lower Upper
83 100
85 66.8 50.3 75.5



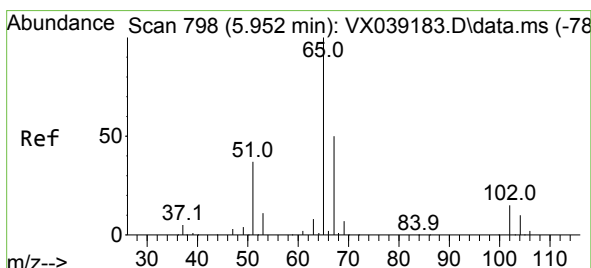
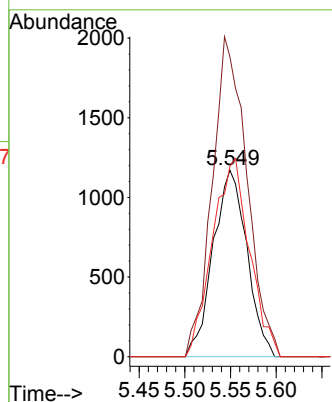
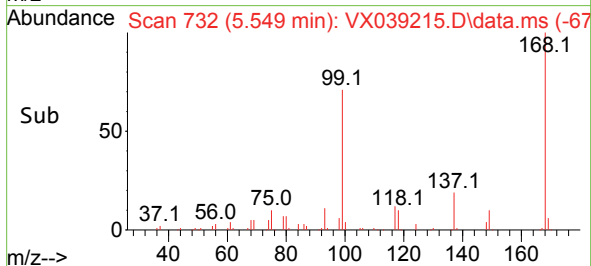


#31
Cyclohexane
Concen: 1.200 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

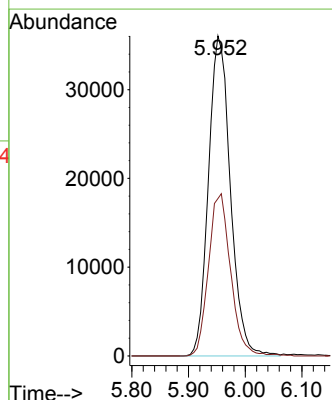
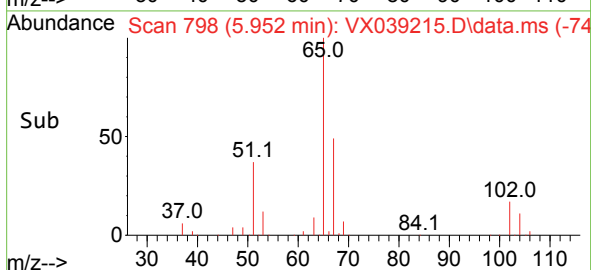
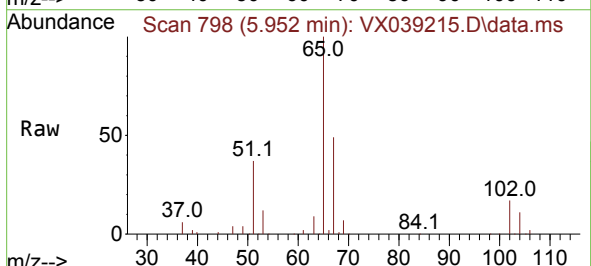


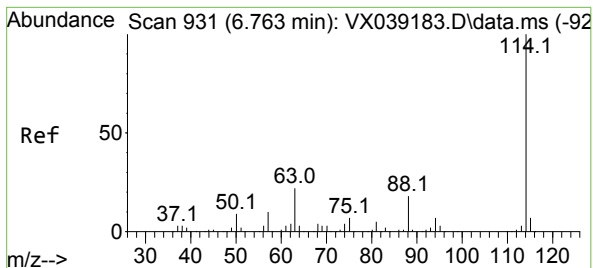
Tgt Ion: 56 Resp: 3020
Ion Ratio Lower Upper
56 100
69 160.8 23.4 35.2#
84 102.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.766 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

Tgt Ion: 65 Resp: 96968
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX039215.D

Acq: 14 Dec 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

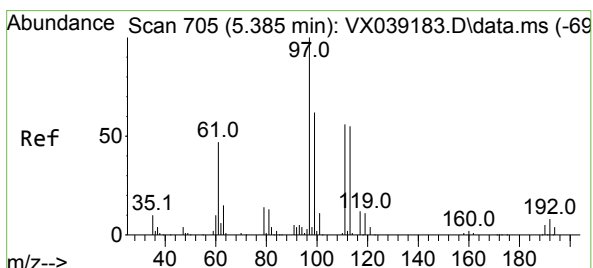
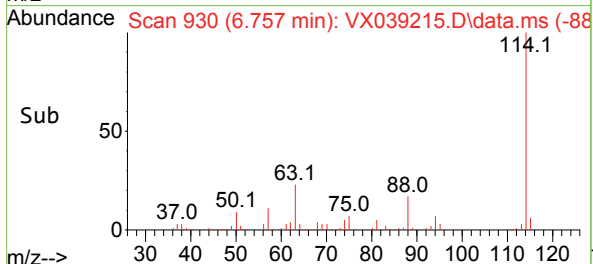
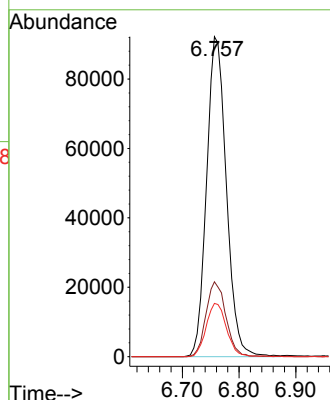
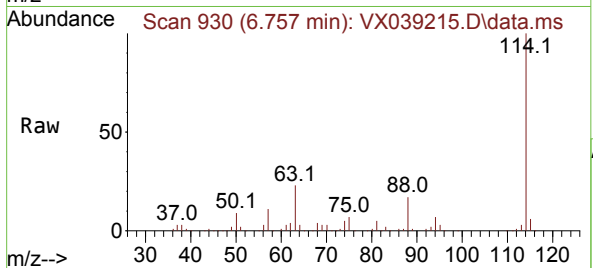
Tgt Ion:114 Resp: 223015

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 16.7 0.0 36.6



#35

Dibromofluoromethane

Concen: 48.124 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX039215.D

Acq: 14 Dec 2023 17:51

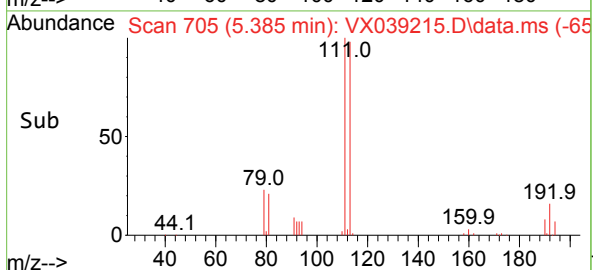
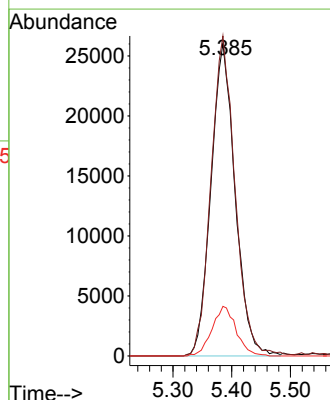
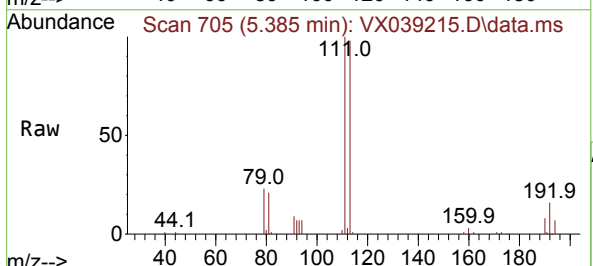
Tgt Ion:113 Resp: 74145

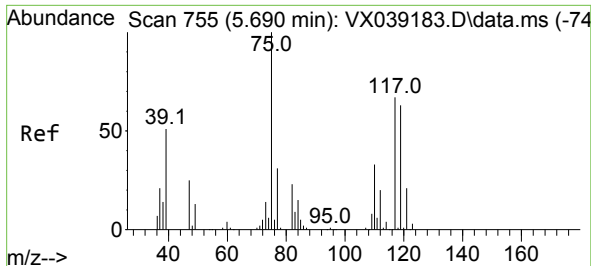
Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

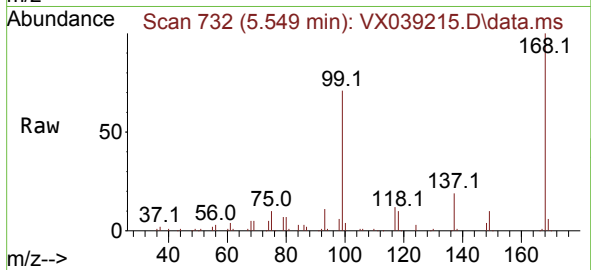
192 15.9 13.3 19.9



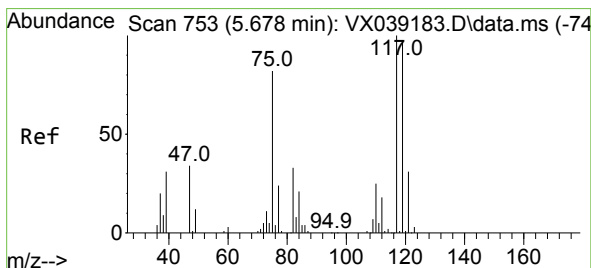
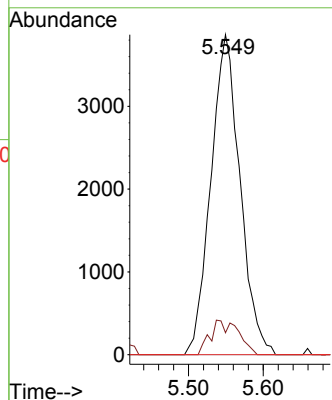
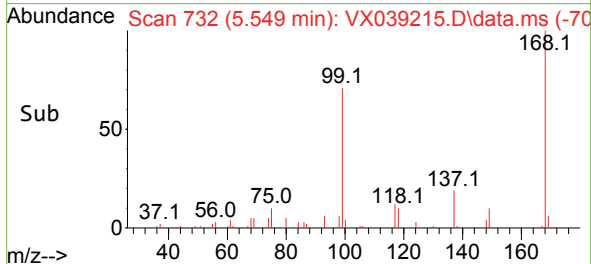


#36
1,1-Dichloropropene
Concen: 4.311 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :

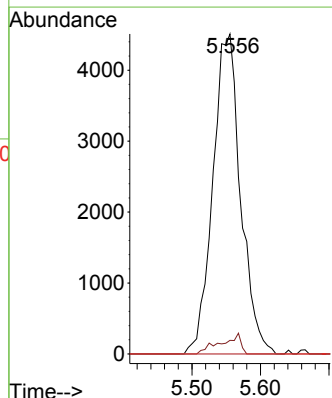
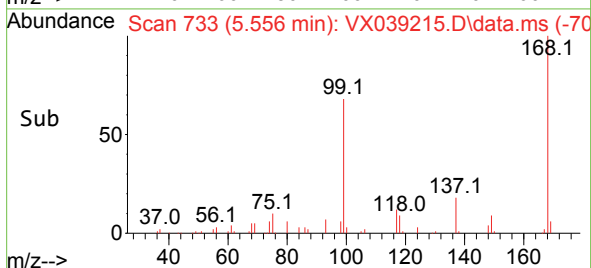
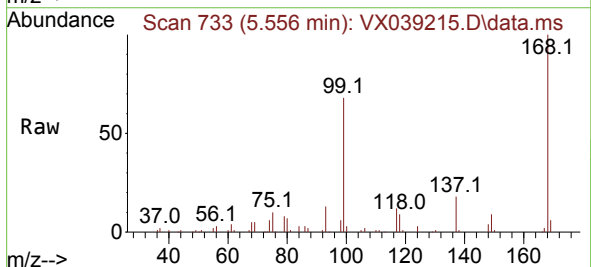


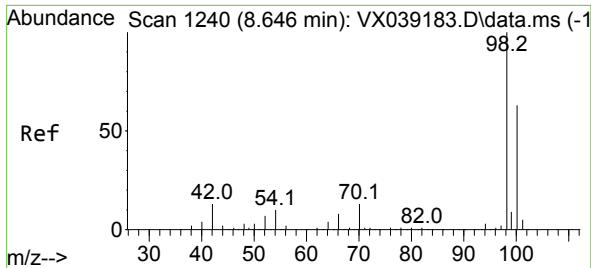
Tgt Ion: 75 Resp: 10482
Ion Ratio Lower Upper
75 100
110 5.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.468 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

Tgt Ion: 117 Resp: 12687
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

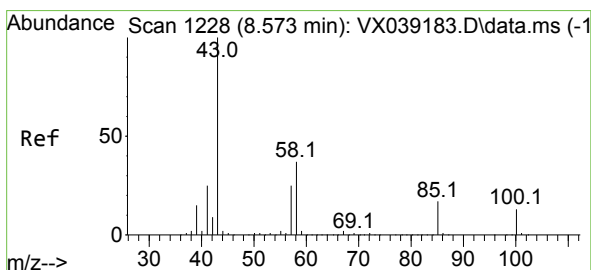
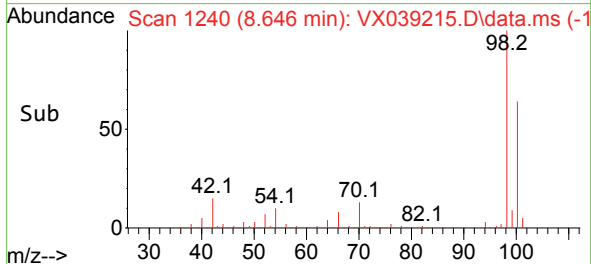
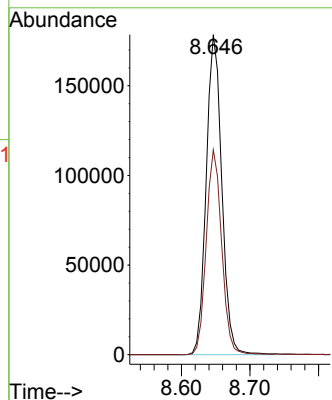
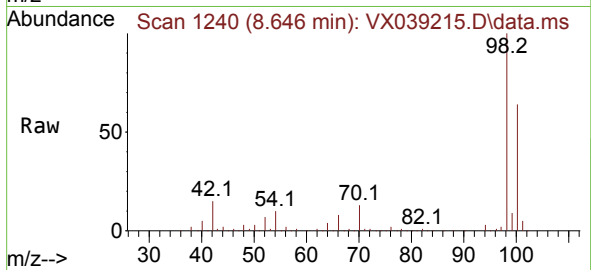




#50
Toluene-d8
Concen: 49.423 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

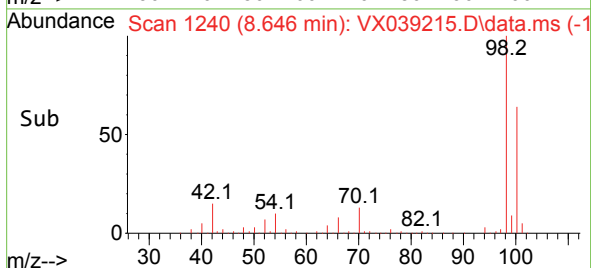
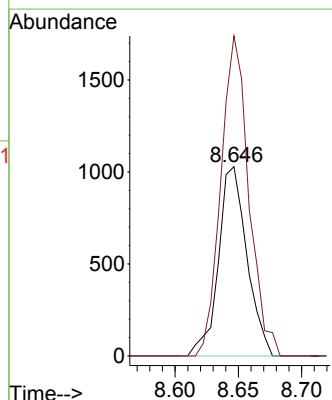
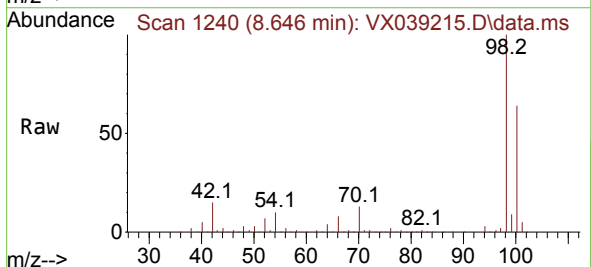
Instrument :
MSVOA_X
ClientSampleId :

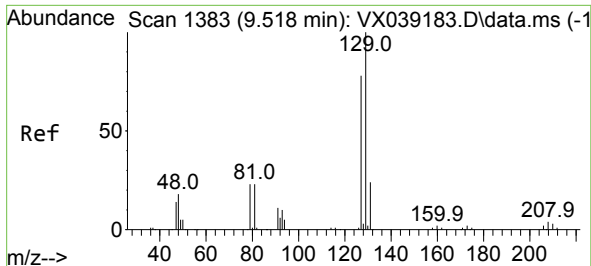
Tgt Ion: 98 Resp: 282696
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.517 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
58 165.9 30.4 45.6#

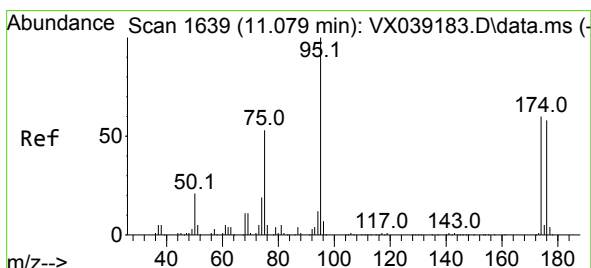
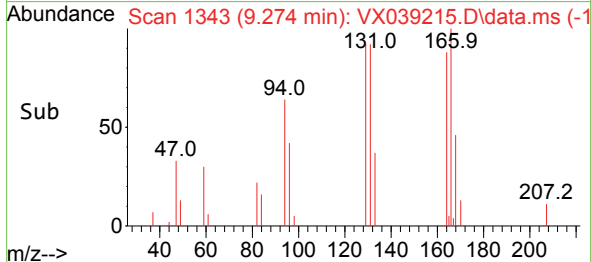
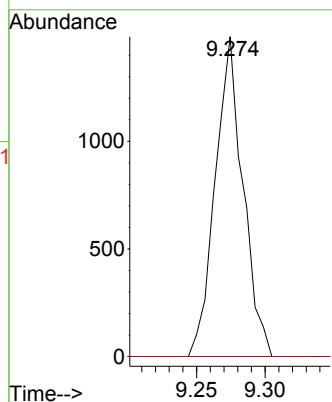
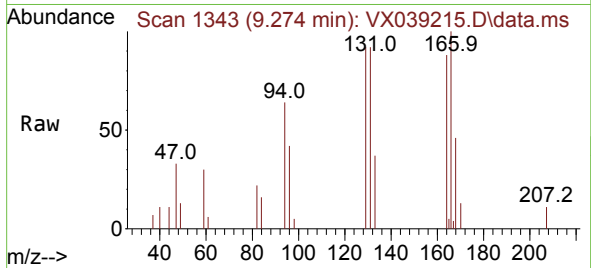




#60
Dibromochloromethane
Concen: 1.194 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

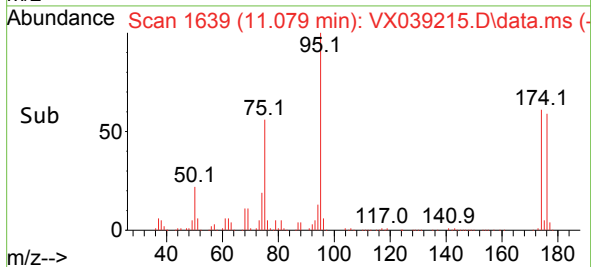
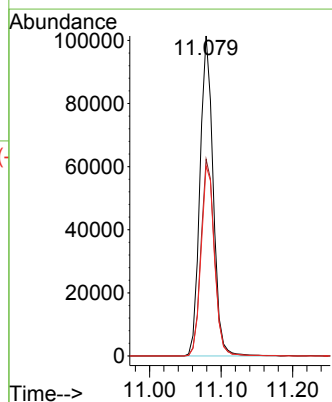
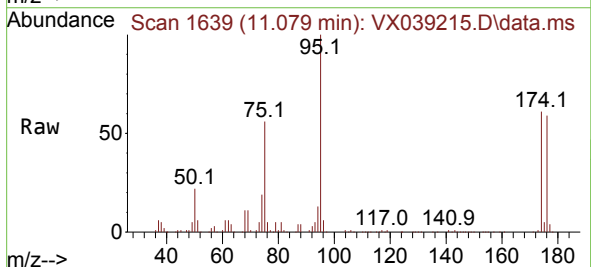
Instrument :
MSVOA_X
ClientSampleId :

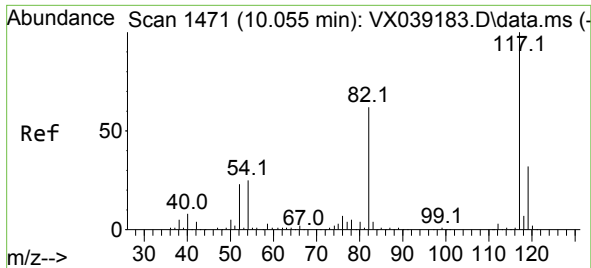
Tgt Ion:129 Resp: 2092
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 54.944 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

Tgt Ion: 95 Resp: 129668
Ion Ratio Lower Upper
95 100
174 62.8 0.0 135.6
176 60.5 0.0 131.0

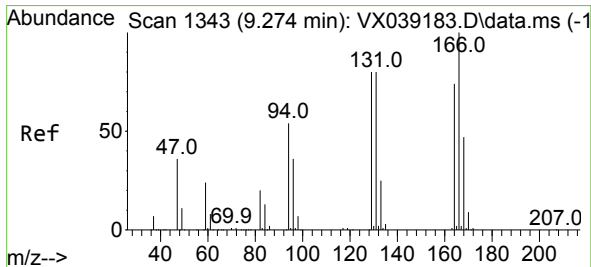
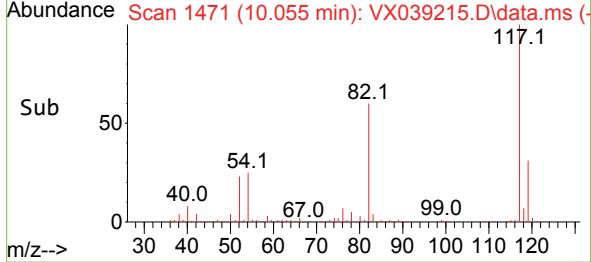
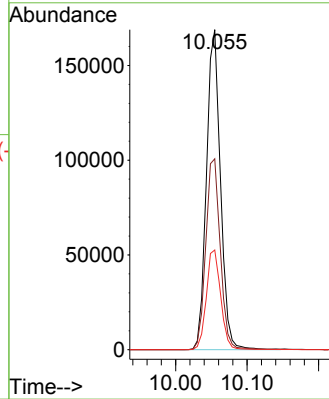
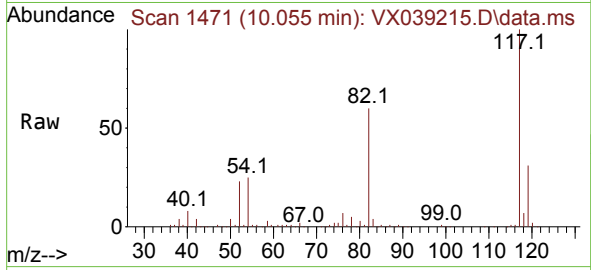




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

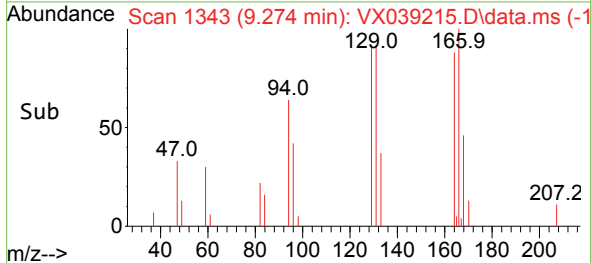
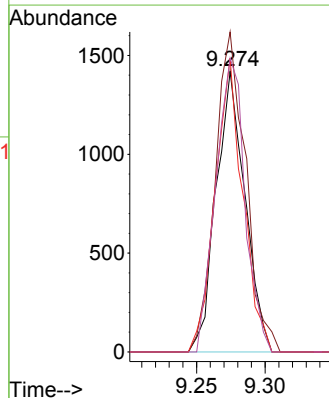
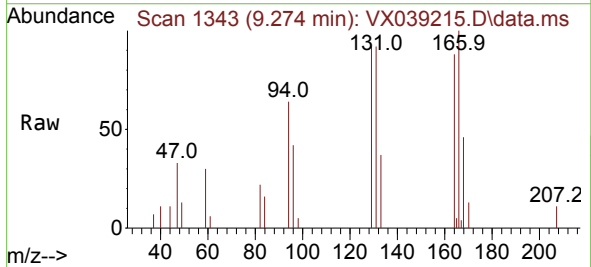
Instrument :
MSVOA_X
ClientSampleId :

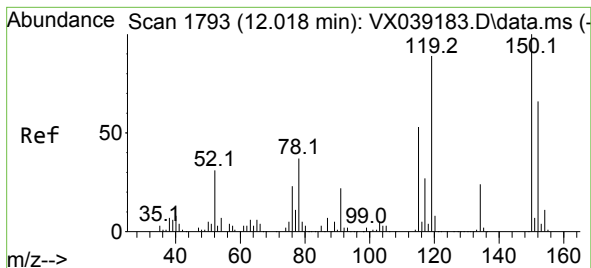
Tgt Ion:117 Resp: 229808
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 31.2 25.5 38.3



#64
Tetrachloroethene
Concen: 1.387 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

Tgt Ion:164 Resp: 2083
Ion Ratio Lower Upper
164 100
166 114.0 102.7 154.1
129 104.6 80.4 120.6
131 104.6 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039215.D

Acq: 14 Dec 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

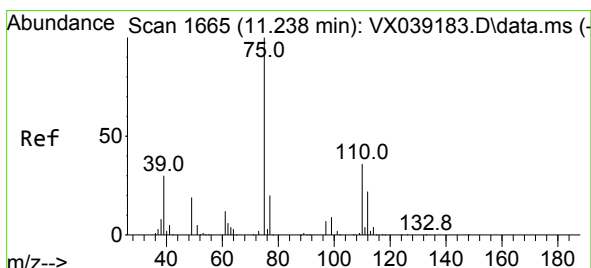
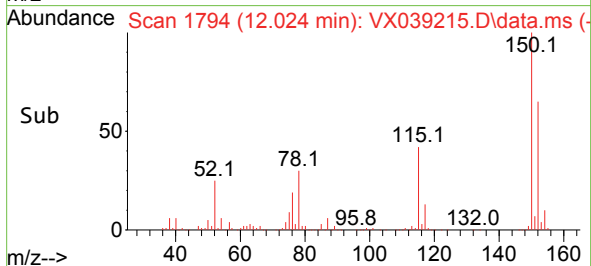
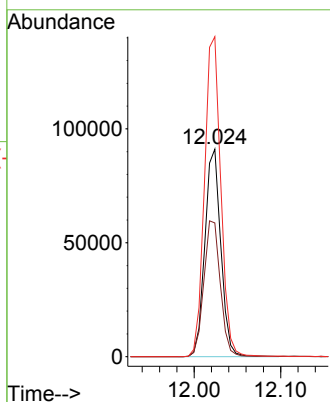
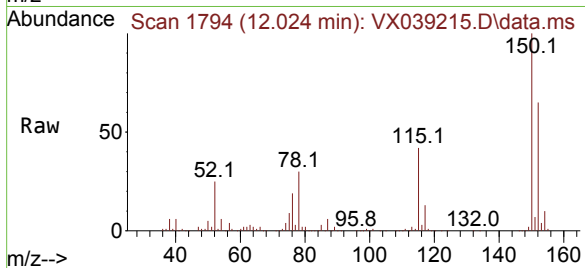
Tgt Ion:152 Resp: 116541

Ion Ratio Lower Upper

152 100

115 67.7 43.3 129.9

150 157.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.090 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039215.D

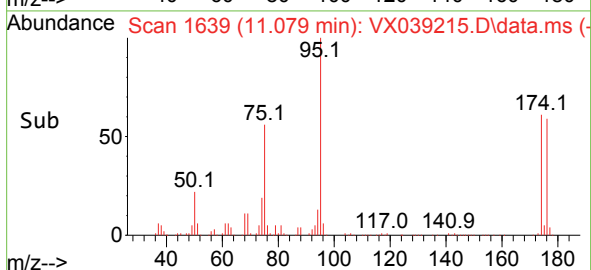
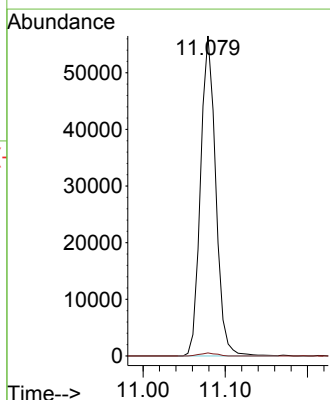
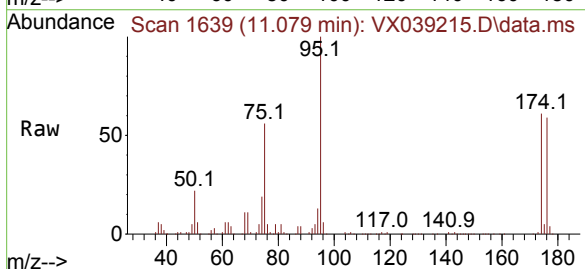
Acq: 14 Dec 2023 17:51

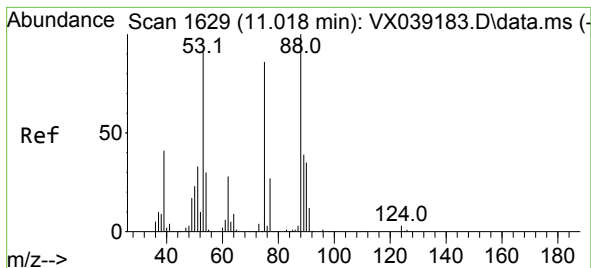
Tgt Ion: 75 Resp: 72634

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

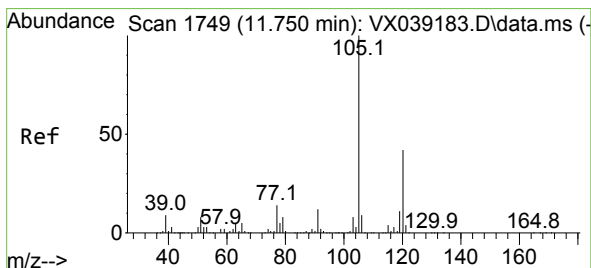
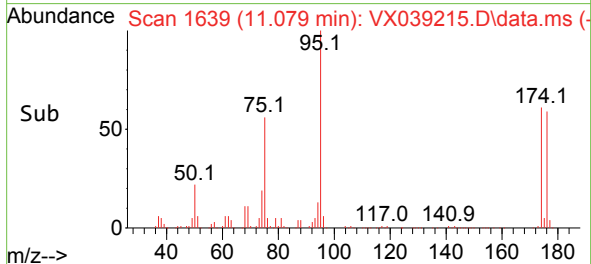
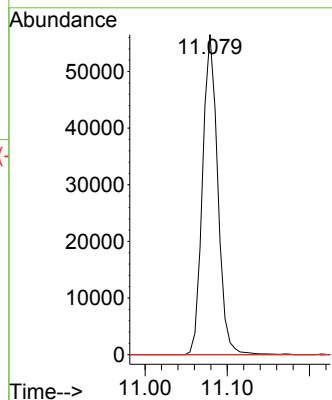
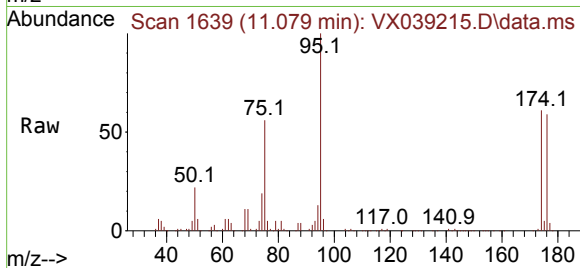




#81
trans-1,4-Dichloro-2-butene
Concen: 67.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

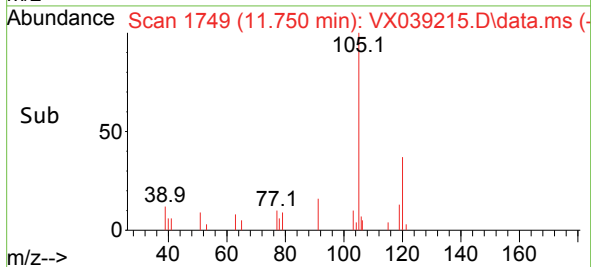
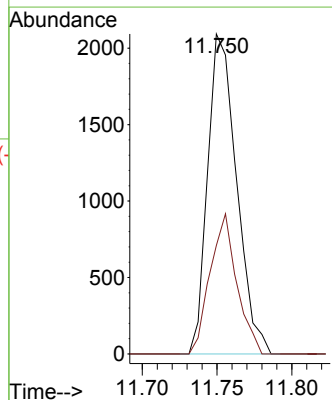
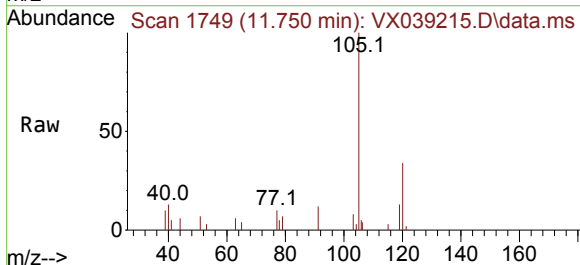
Instrument :
MSVOA_X
ClientSampleId :

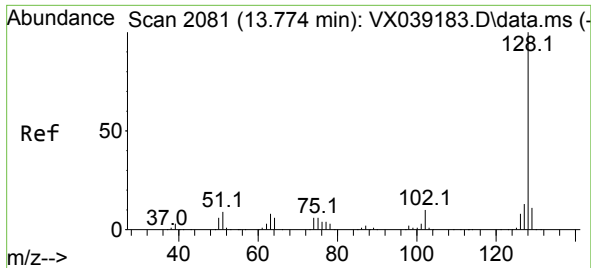
Tgt Ion: 75 Resp: 72634
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.358 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039215.D
Acq: 14 Dec 2023 17:51

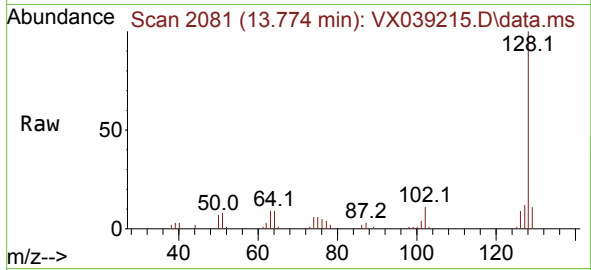
Tgt Ion:105 Resp: 2811
Ion Ratio Lower Upper
105 100
120 40.4 21.2 63.6





#95
 Naphthalene
 Concen: 1.740 ug/l
 RT: 13.774 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX039215.D
 Acq: 14 Dec 2023 17:51

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:128 Resp: 14834
 Ion Ratio Lower Upper
 128 100
 127 12.0 10.3 15.5
 129 10.7 8.8 13.2

