

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039205.D
 Acq On : 14 Dec 2023 14:02
 Operator : JC/MD
 Sample : 05829-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 03:00:25 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)

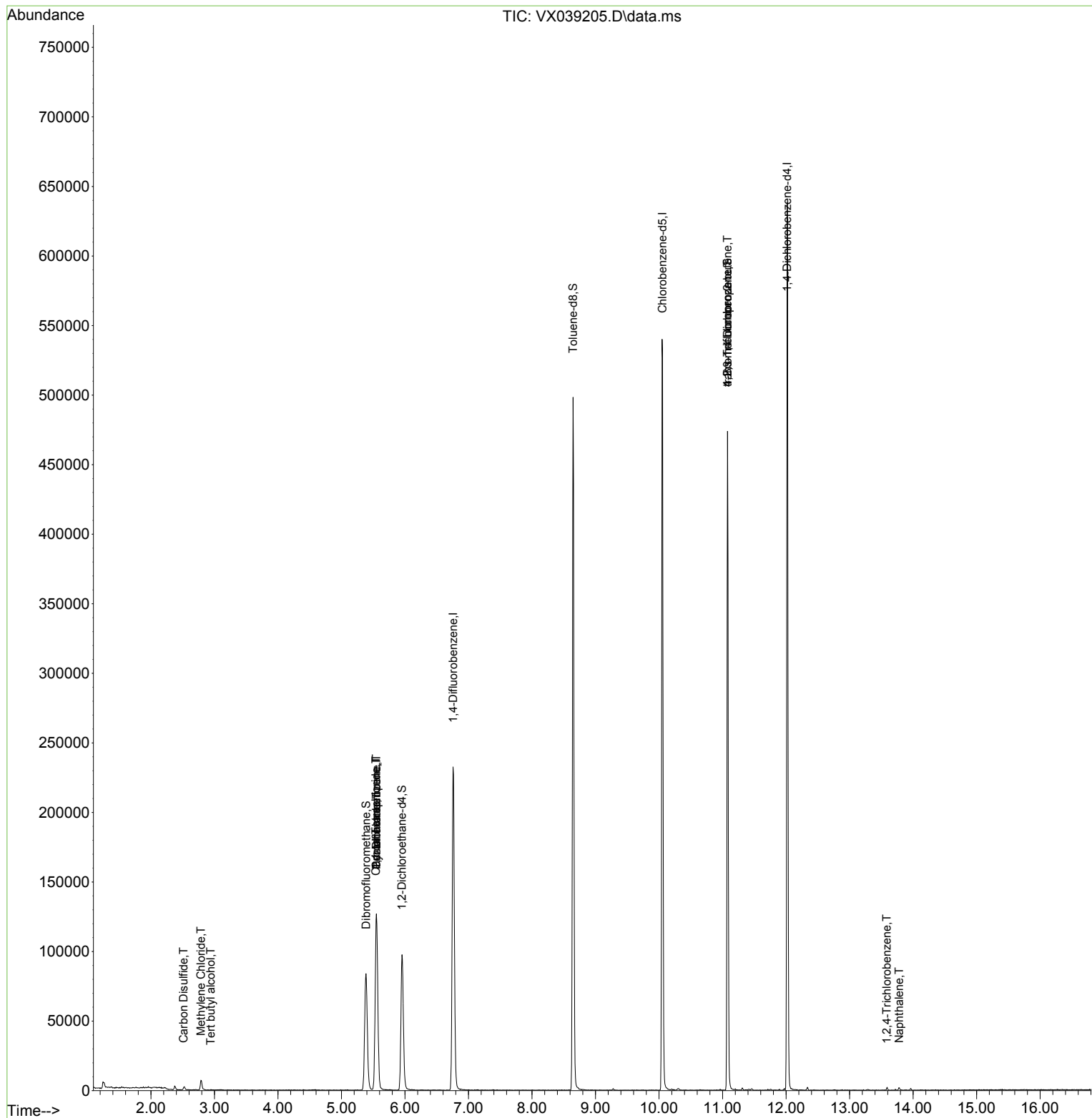
Internal Standards						
1) Pentafluorobenzene	5.550	168	108170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95936	48.413	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.820%
35) Dibromofluoromethane	5.385	113	74062	47.321	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.640%
50) Toluene-d8	8.647	98	288211	49.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	131062	54.668	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	165	0.332	ug/l #	78
16) Acetone	2.373	43	2787	Below Cal		94
17) Carbon Disulfide	2.514	76	1078	0.265	ug/l #	76
20) Methylene Chloride	2.788	84	3411	2.065	ug/l	85
31) Cyclohexane	5.550	56	3199	1.250	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	10910	4.417	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12320	5.227	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	72817	23.856	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	72817	67.298	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	529	0.214	ug/l	90
95) Naphthalene	13.780	128	1738	0.201	ug/l #	94

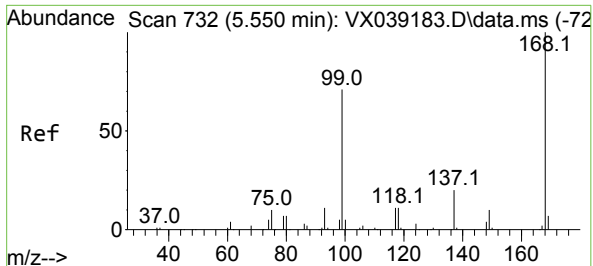
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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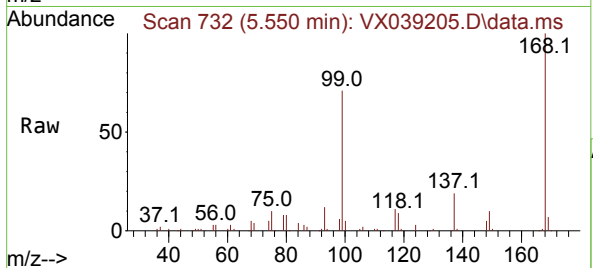
Quant Time: Dec 15 03:00:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



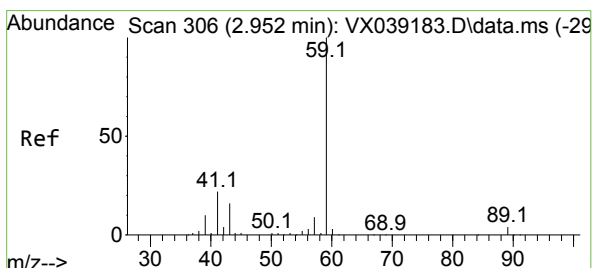
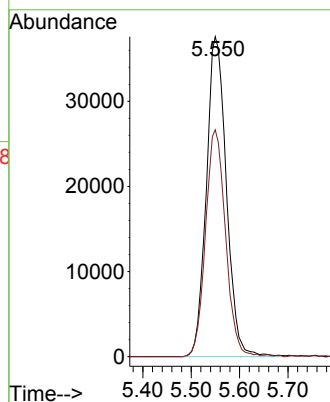
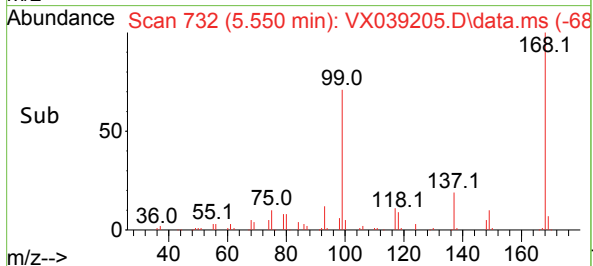


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039205.D
Acq: 14 Dec 2023 14:02

Instrument :
MSVOA_X
ClientSampleId :

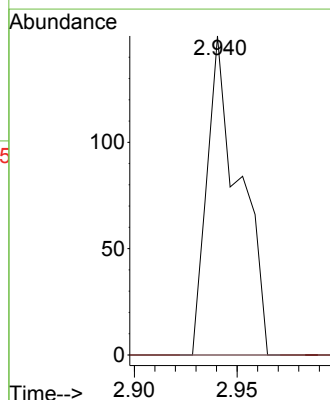
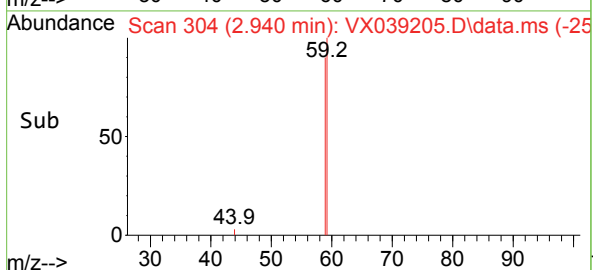
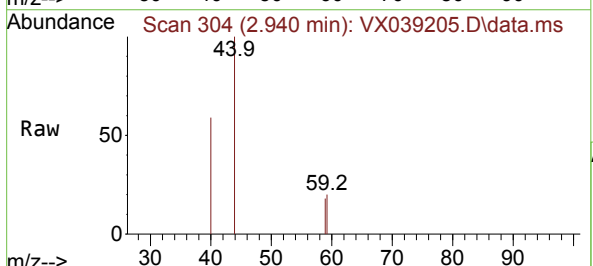


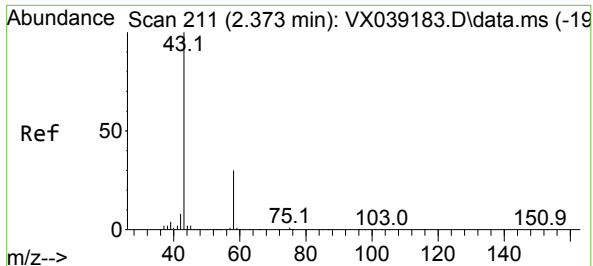
Tgt Ion:168 Resp: 108170
Ion Ratio Lower Upper
168 100
99 70.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.332 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039205.D
Acq: 14 Dec 2023 14:02

Tgt Ion: 59 Resp: 165
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

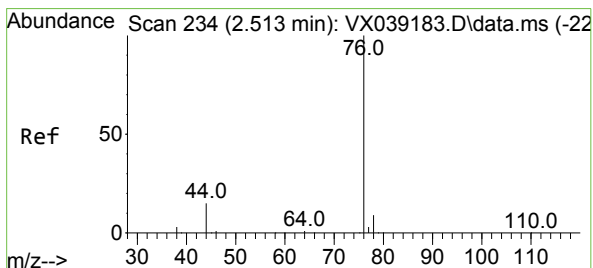
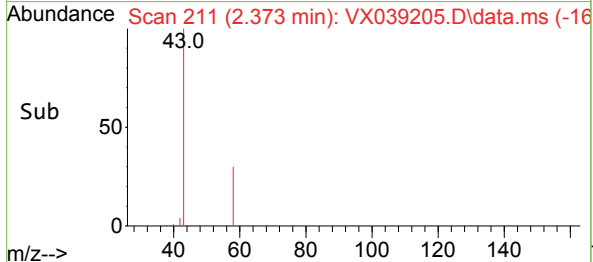
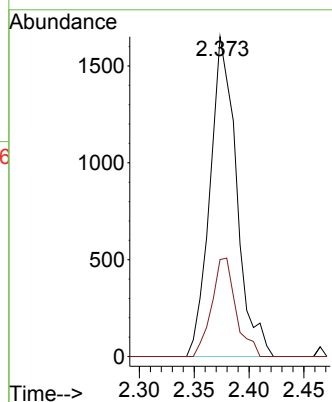
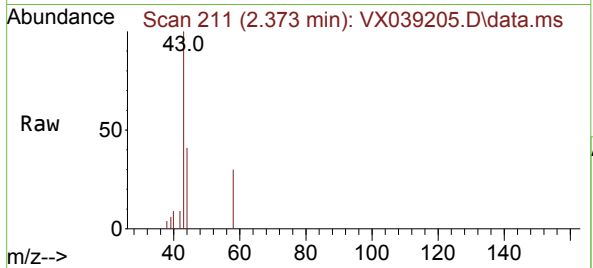




#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039205.D
Acq: 14 Dec 2023 14:02

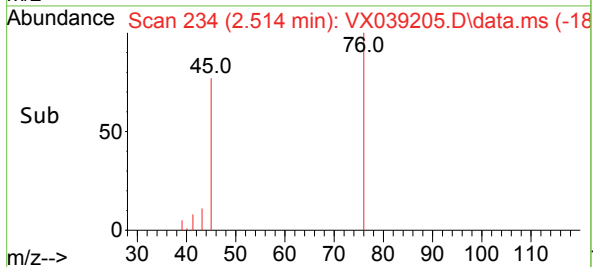
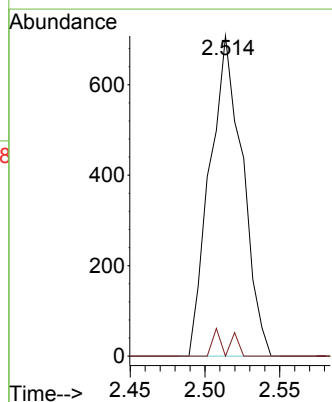
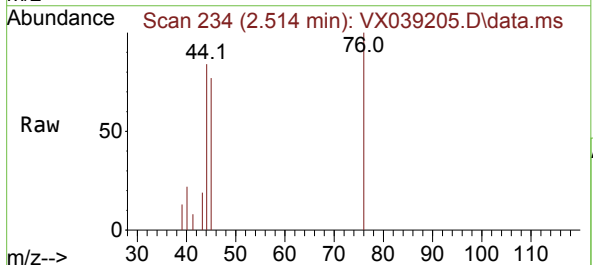
Instrument :
MSVOA_X
ClientSampleId :

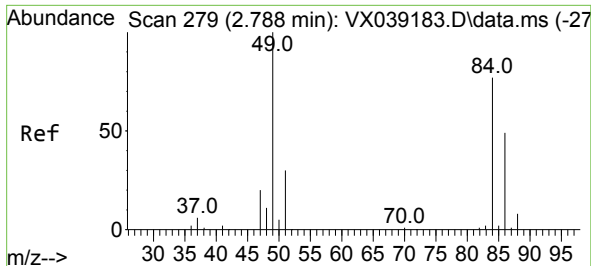
Tgt Ion: 43 Resp: 2787
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9



#17
Carbon Disulfide
Concen: 0.265 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039205.D
Acq: 14 Dec 2023 14:02

Tgt Ion: 76 Resp: 1078
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: 2.065 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

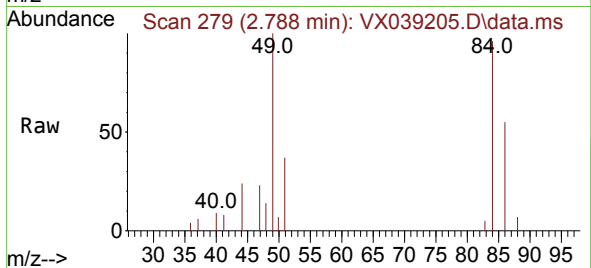
Lab File: VX039205.D

Acq: 14 Dec 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 3411

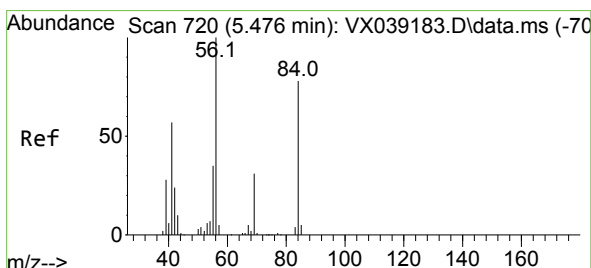
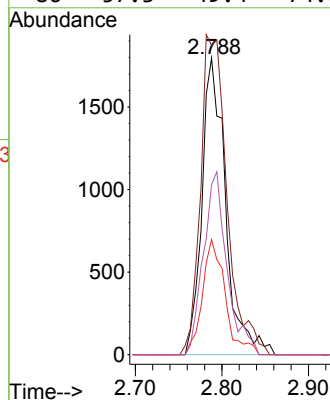
Ion Ratio Lower Upper

84 100

49 104.3 103.6 155.4

51 38.8 33.8 50.6

86 57.3 49.4 74.0



#31

Cyclohexane

Concen: 1.250 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX039205.D

Acq: 14 Dec 2023 14:02

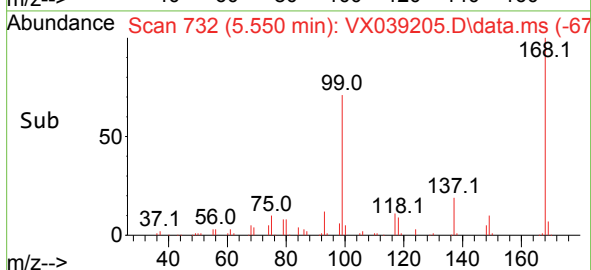
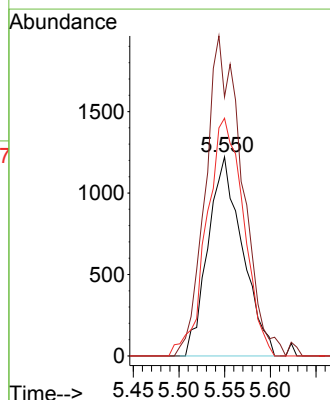
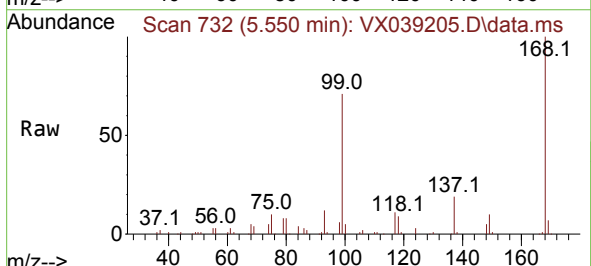
Tgt Ion: 56 Resp: 3199

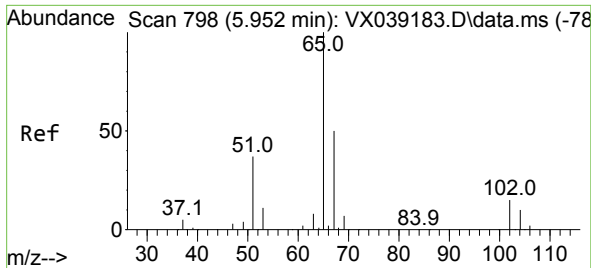
Ion Ratio Lower Upper

56 100

69 125.5 23.4 35.2#

84 119.4 65.9 98.9#

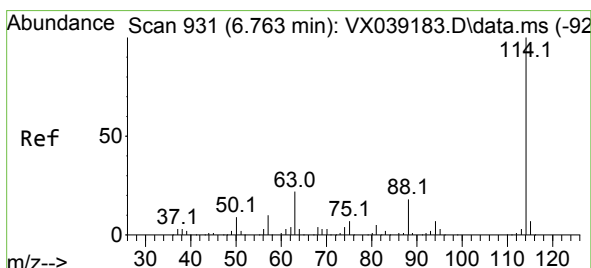
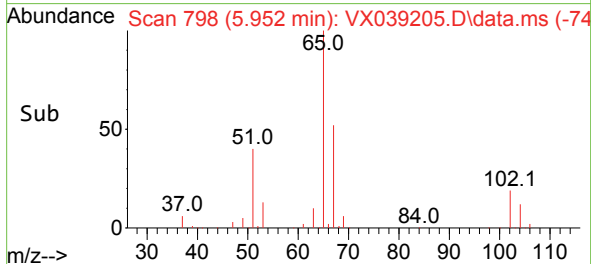
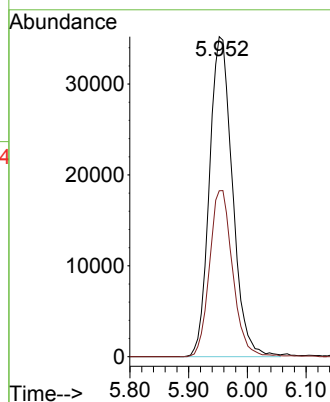
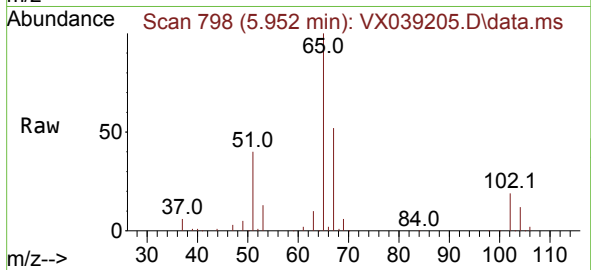




#33
 1,2-Dichloroethane-d4
 Concen: 48.413 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039205.D
 Acq: 14 Dec 2023 14:02

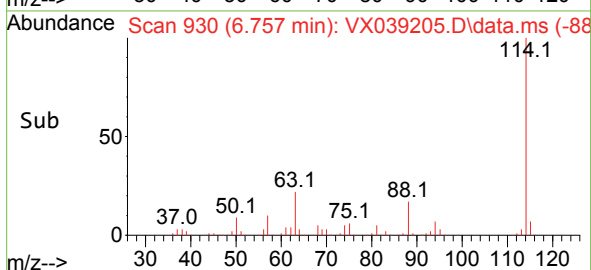
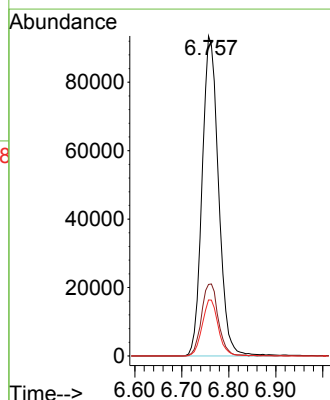
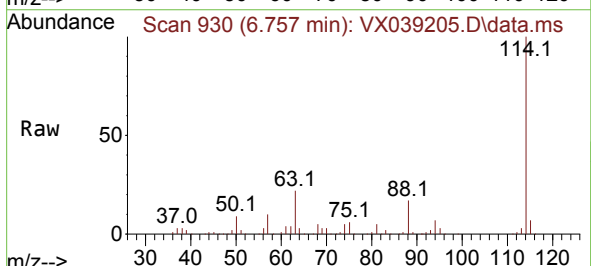
Instrument :
 MSVOA_X
 ClientSampleId :

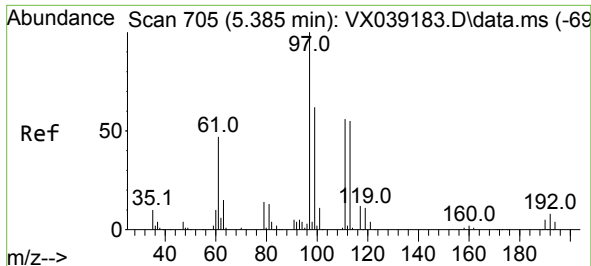
Tgt Ion: 65 Resp: 95936
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039205.D
 Acq: 14 Dec 2023 14:02

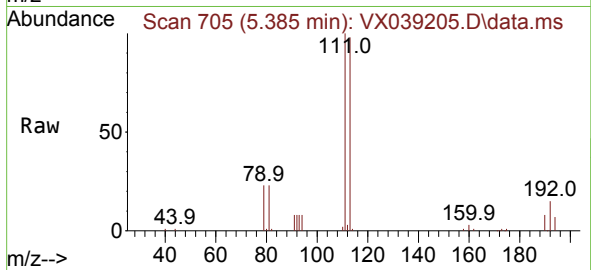
Tgt Ion: 114 Resp: 226549
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.0
 88 17.5 0.0 36.6



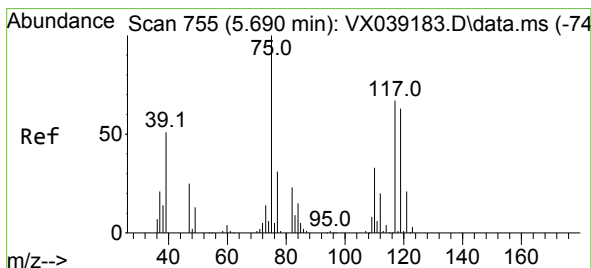
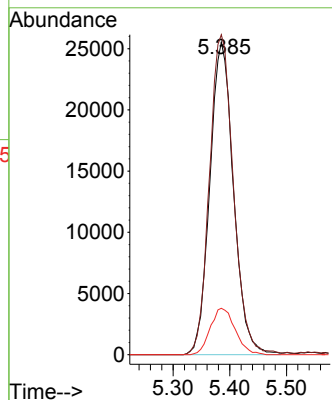
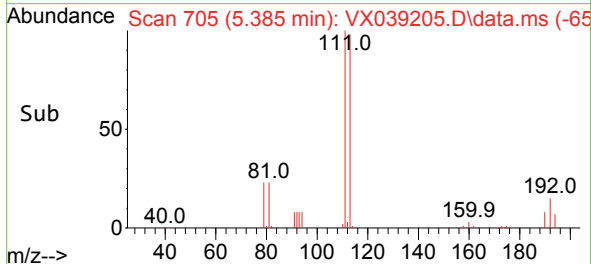


#35
Dibromofluoromethane
Concen: 47.321 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039205.D
Acq: 14 Dec 2023 14:02

Instrument :
MSVOA_X
ClientSampleId :

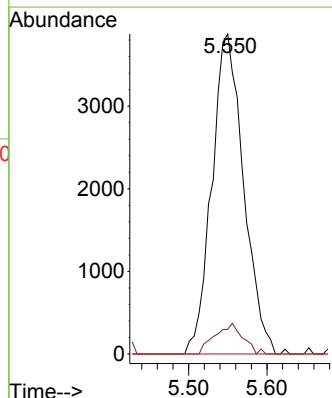
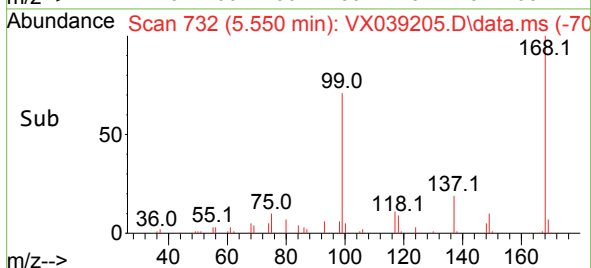
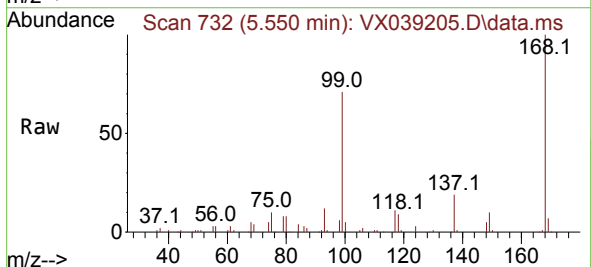


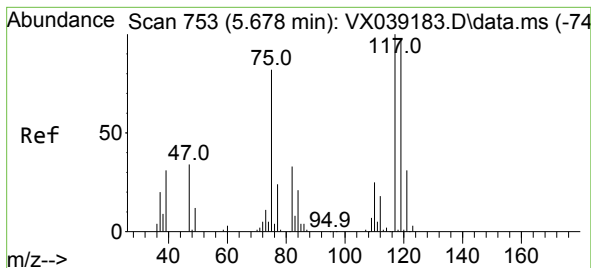
Tgt Ion:113 Resp: 74062
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 15.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.417 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039205.D
Acq: 14 Dec 2023 14:02

Tgt Ion: 75 Resp: 10910
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.227 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

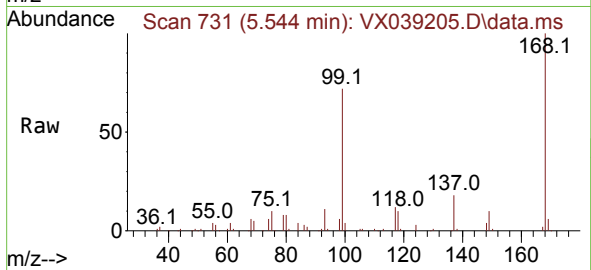
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Acq: 14 Dec 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :



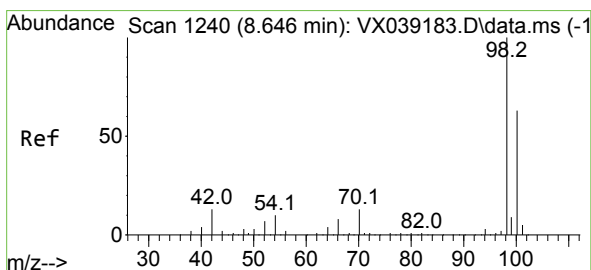
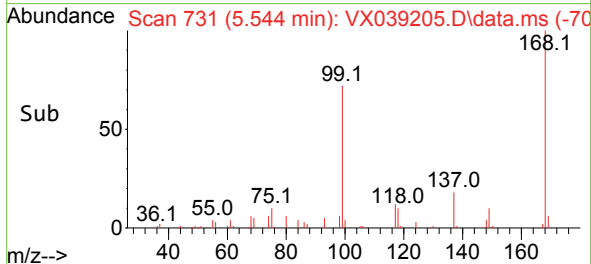
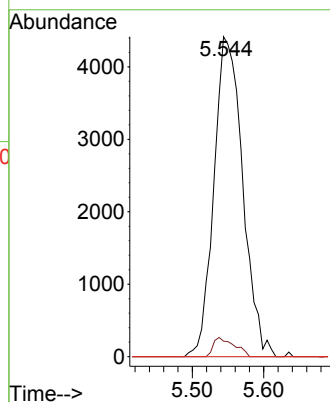
Tgt Ion:117 Resp: 12320

Ion Ratio Lower Upper

117 100

119 4.8 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 49.602 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039205.D

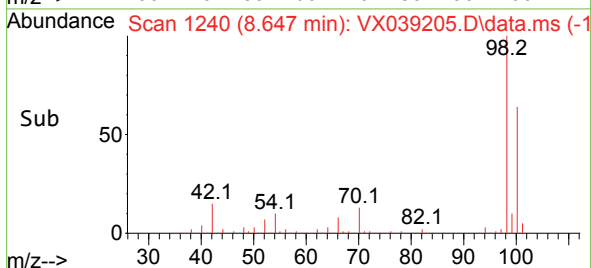
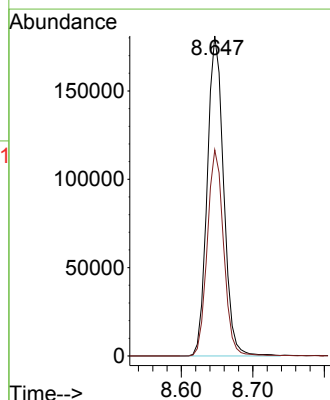
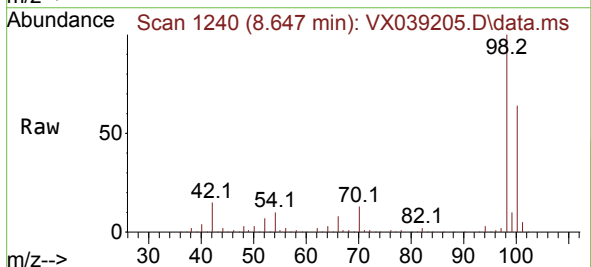
Acq: 14 Dec 2023 14:02

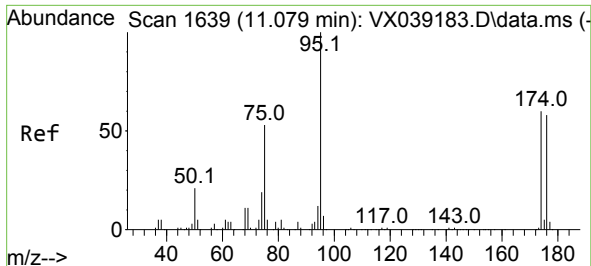
Tgt Ion: 98 Resp: 288211

Ion Ratio Lower Upper

98 100

100 64.3 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 54.668 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039205.D

Acq: 14 Dec 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

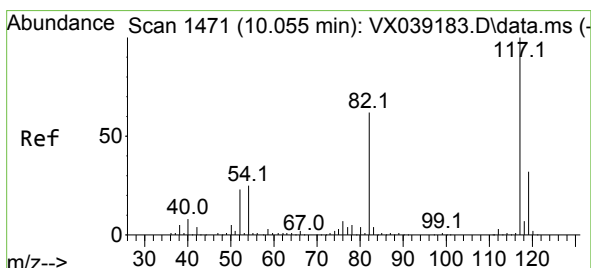
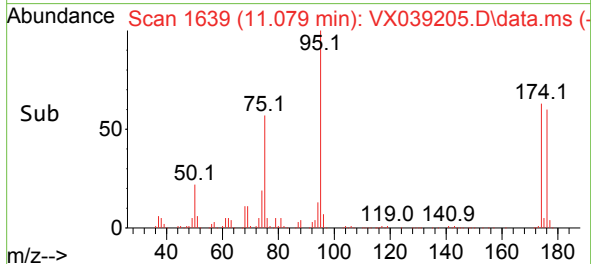
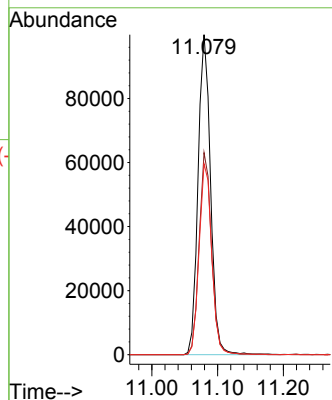
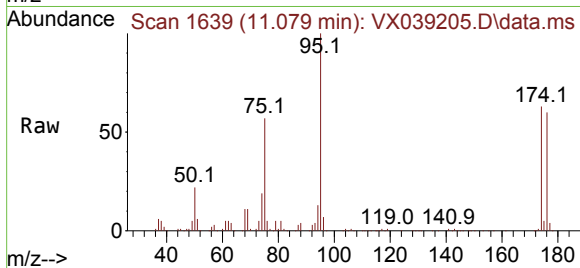
Tgt Ion: 95 Resp: 131062

Ion Ratio Lower Upper

95 100

174 62.9 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: VX039205.D

Acq: 14 Dec 2023 14:02

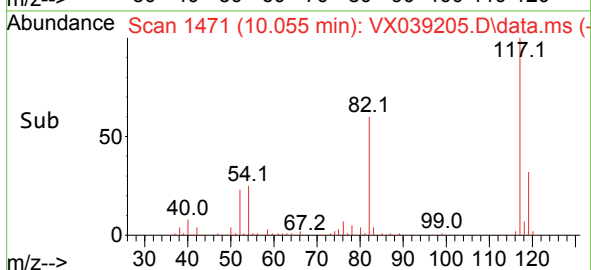
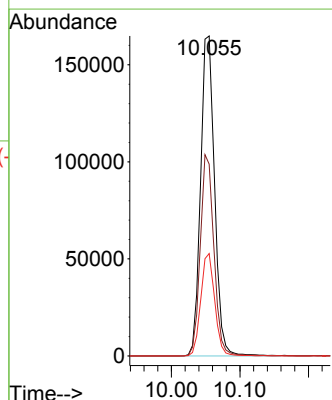
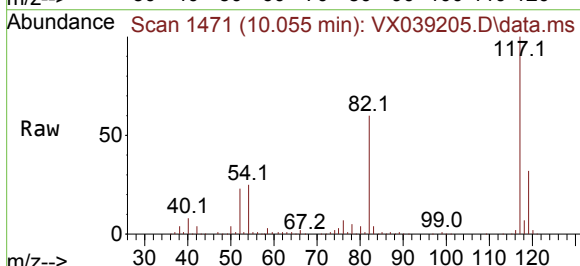
Tgt Ion: 117 Resp: 235430

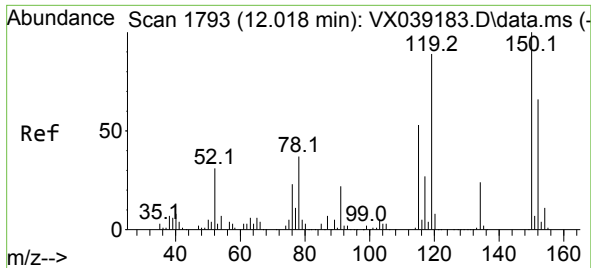
Ion Ratio Lower Upper

117 100

82 59.9 46.2 69.4

119 32.0 25.5 38.3

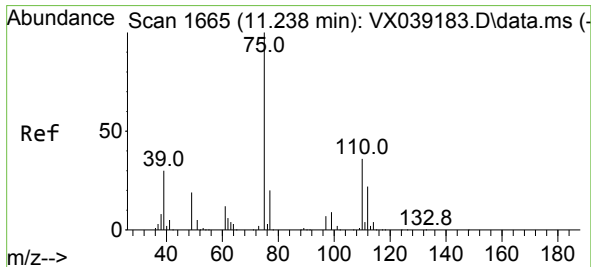
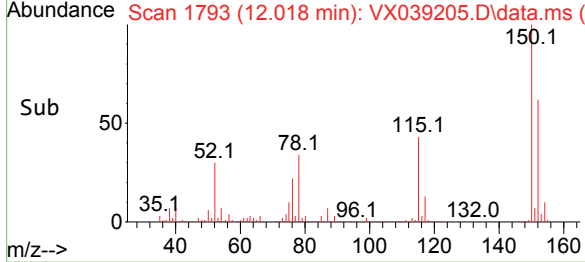
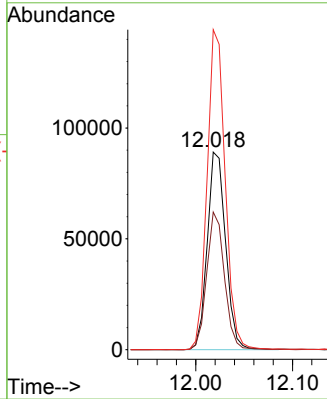
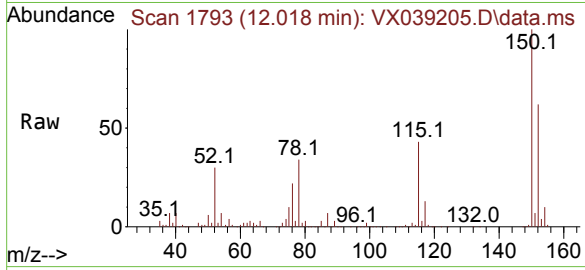




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039205.D
 Acq: 14 Dec 2023 14:02

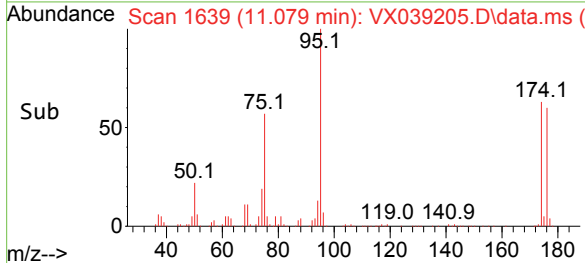
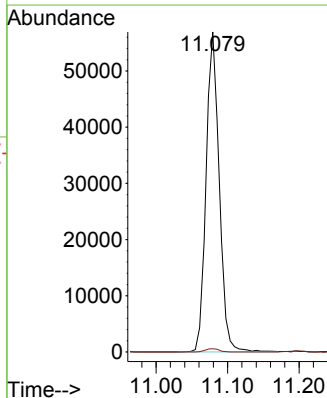
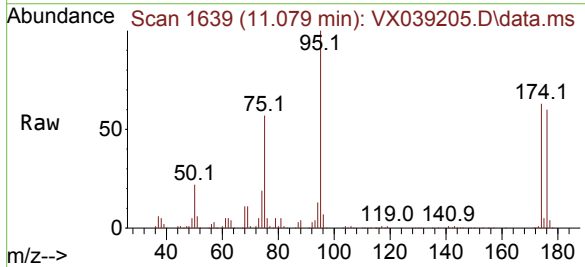
Instrument :
 MSVOA_X
 ClientSampleId :

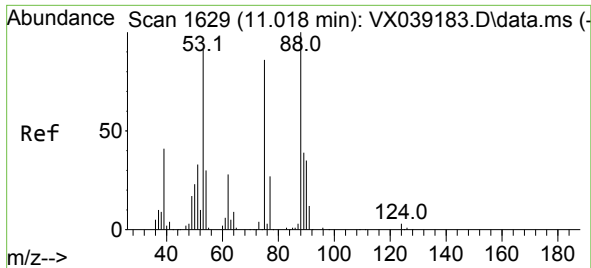
Tgt Ion:152 Resp: 117980
 Ion Ratio Lower Upper
 152 100
 115 67.2 43.3 129.9
 150 159.4 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 23.856 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX039205.D
 Acq: 14 Dec 2023 14:02

Tgt Ion: 75 Resp: 72817
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

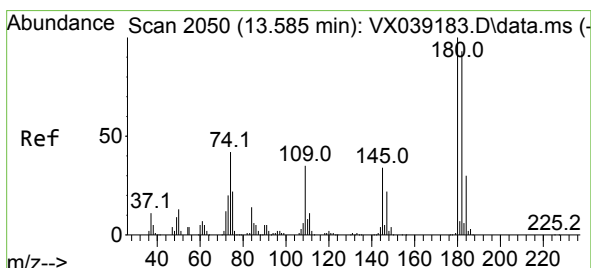
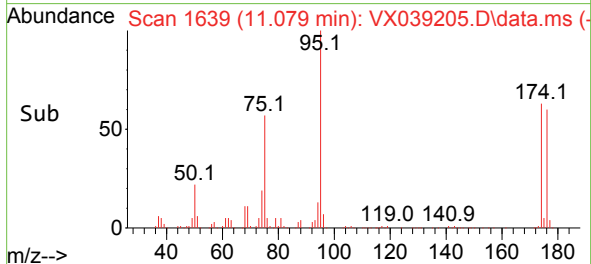
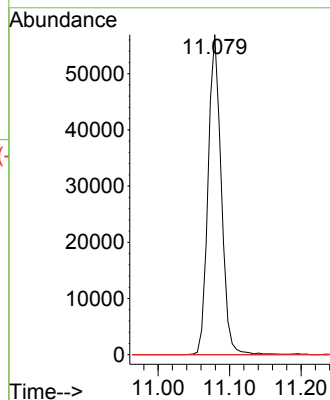
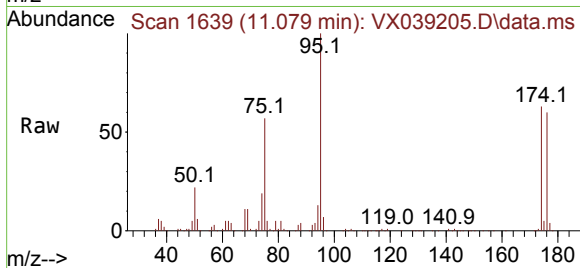




#81
trans-1,4-Dichloro-2-butene
Concen: 67.298 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039205.D
Acq: 14 Dec 2023 14:02

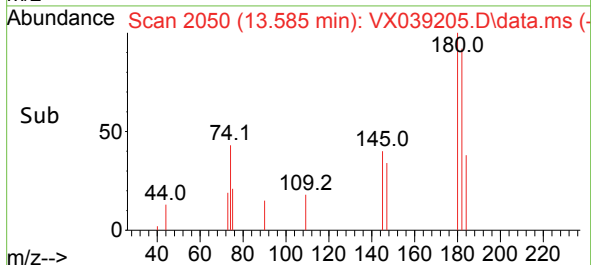
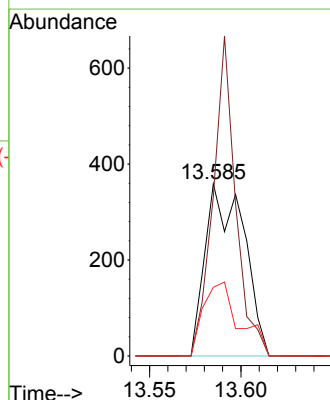
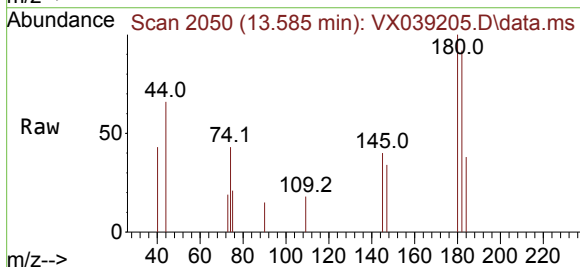
Instrument :
MSVOA_X
ClientSampleId :

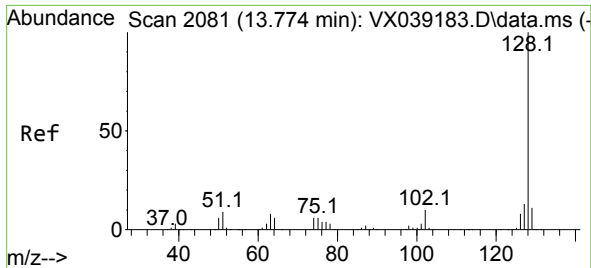
Tgt Ion: 75 Resp: 72817
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039205.D
Acq: 14 Dec 2023 14:02

Tgt Ion:180 Resp: 529
Ion Ratio Lower Upper
180 100
182 108.1 48.3 144.8
145 39.7 18.0 54.0





#95

Naphthalene

Concen: 0.201 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

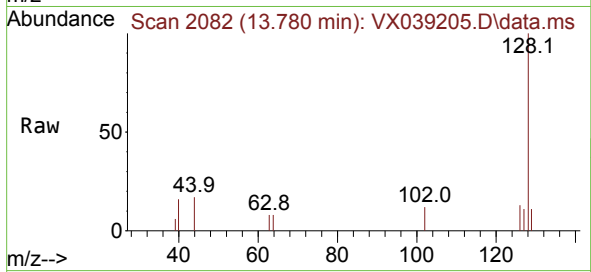
Lab File: VX039205.D

Acq: 14 Dec 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1738

Ion Ratio Lower Upper

128 100

127 10.2 10.3 15.5#

129 9.3 8.8 13.2

