

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039561.D
 Acq On : 02 Jan 2024 10:45
 Operator : JC/MD
 Sample : VX0102WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 03 04:09:01 2024
 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)

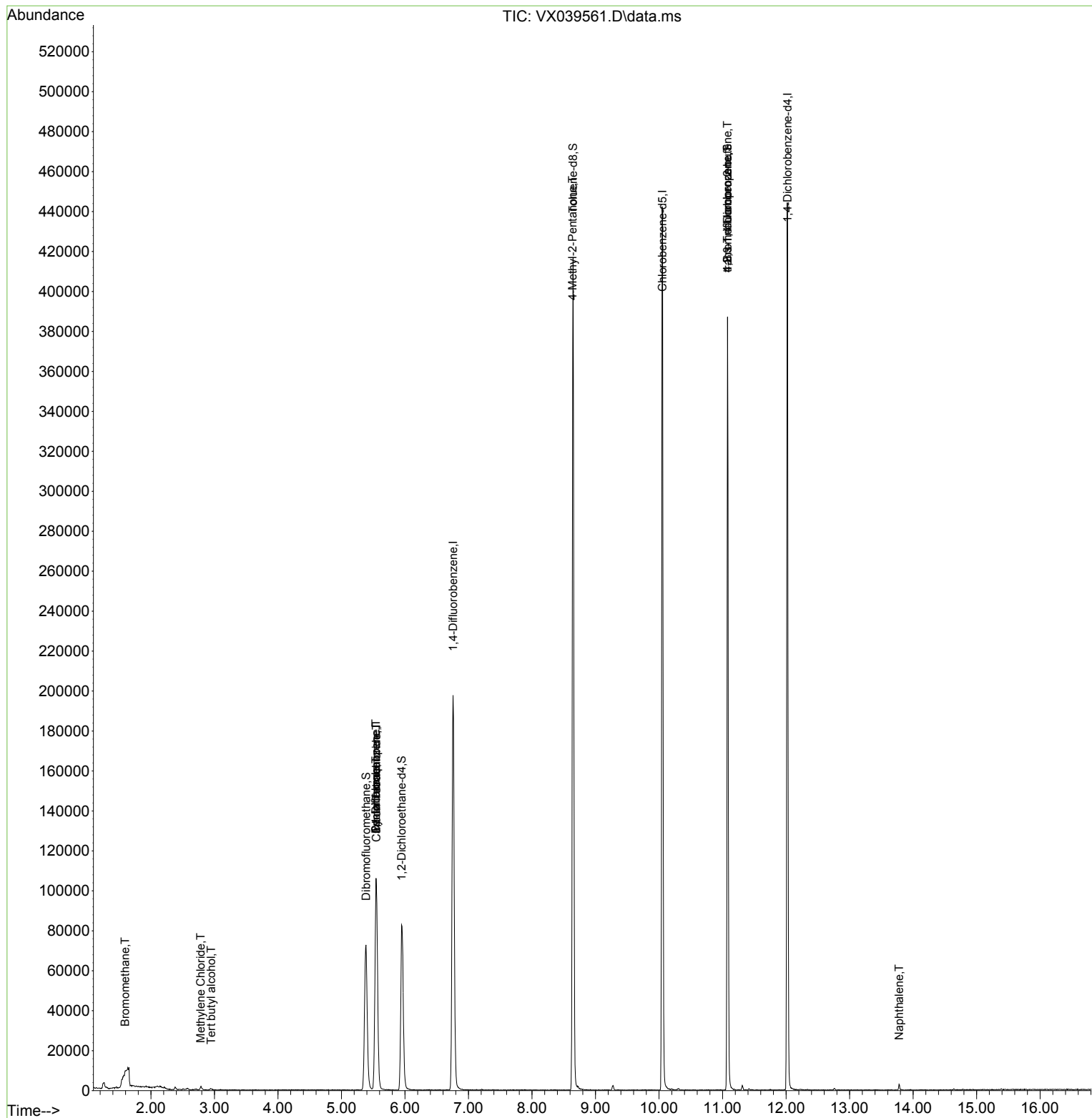
Internal Standards						
1) Pentafluorobenzene	5.544	168	93602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81972	47.805	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.600%
35) Dibromofluoromethane	5.385	113	64537	47.852	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.700%
50) Toluene-d8	8.647	98	242654	48.462	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.920%
62) 4-Bromofluorobenzene	11.079	95	103838	50.263	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.520%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	413	0.529	ug/l #	55
11) Tert butyl alcohol	2.947	59	459	1.066	ug/l #	78
16) Acetone	2.386	43	1133	Below Cal		98
20) Methylene Chloride	2.782	84	833	0.583	ug/l	91
31) Cyclohexane	5.544	56	2655	1.199	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	8810	4.139	ug/l #	51
38) Carbon Tetrachloride	5.550	117	10605	5.221	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1419	0.521	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57174	25.762	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57174	72.673	ug/l #	5
95) Naphthalene	13.780	128	2210	0.352	ug/l #	91

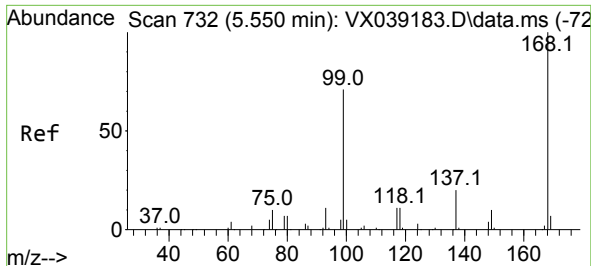
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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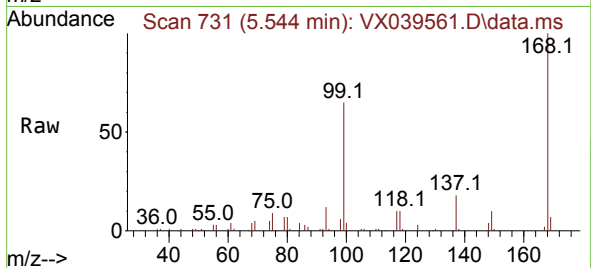


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039561.D
Acq: 02 Jan 2024 10:45

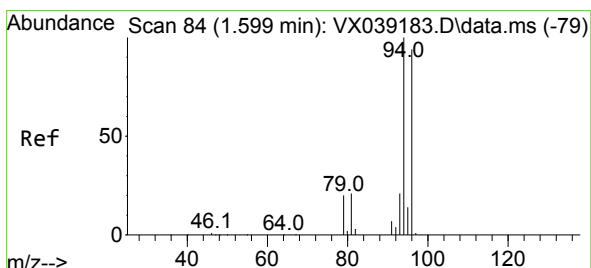
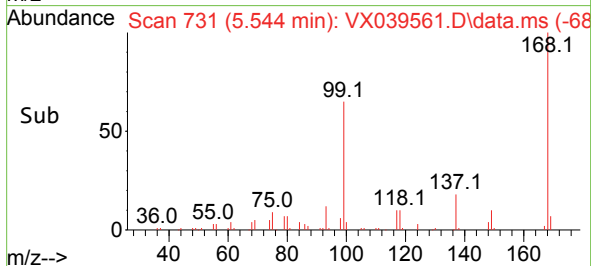
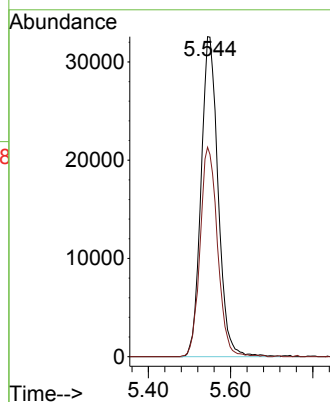
Instrument :

MSVOA_X

ClientSampleId :

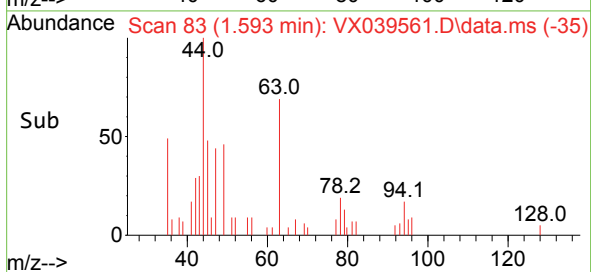
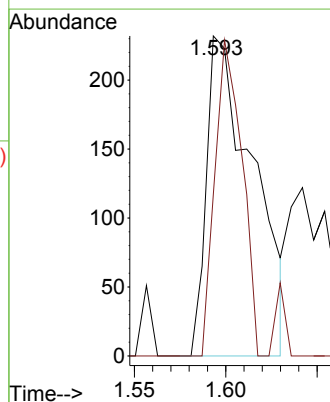
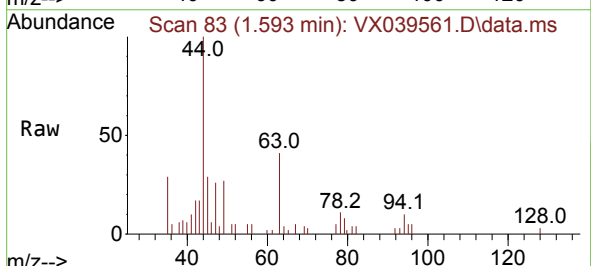


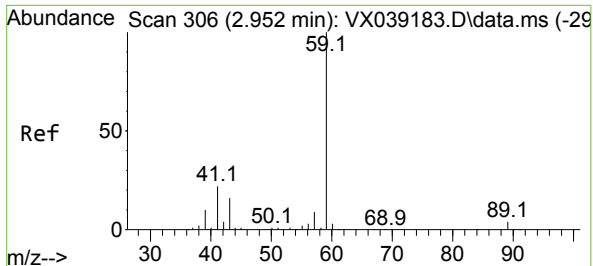
Tgt Ion:168 Resp: 93602
Ion Ratio Lower Upper
168 100
99 65.4 56.6 85.0



#5
Bromomethane
Concen: 0.529 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX039561.D
Acq: 02 Jan 2024 10:45

Tgt Ion: 94 Resp: 413
Ion Ratio Lower Upper
94 100
96 50.4 74.6 111.8#





#11

Tert butyl alcohol

Concen: 1.066 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

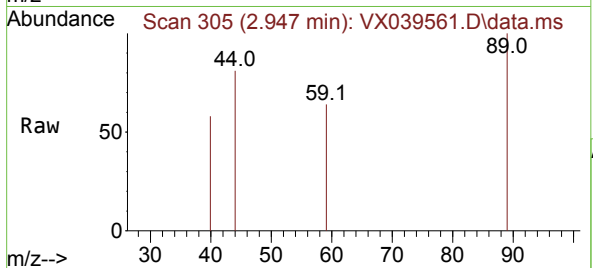
Lab File: VX039561.D

Acq: 02 Jan 2024 10:45

Instrument :

MSVOA_X

ClientSampleId :

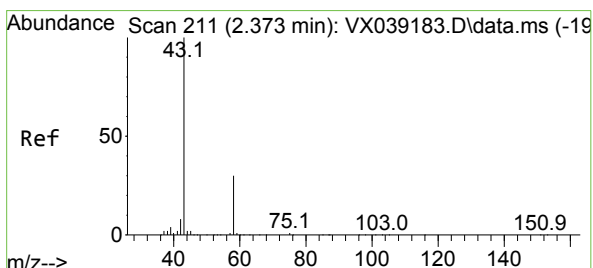
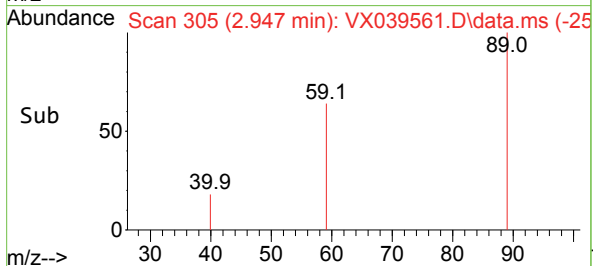
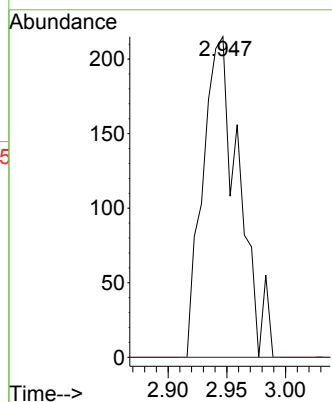


Tgt Ion: 59 Resp: 459

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. 0.013 min

Lab File: VX039561.D

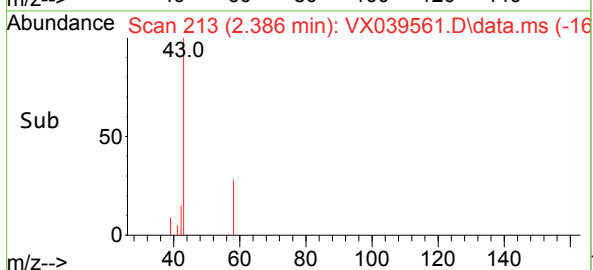
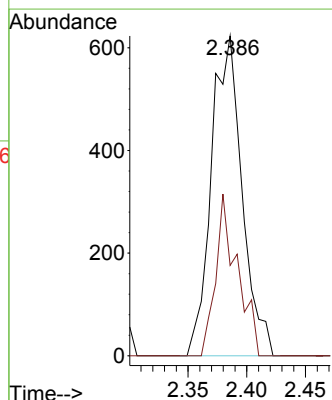
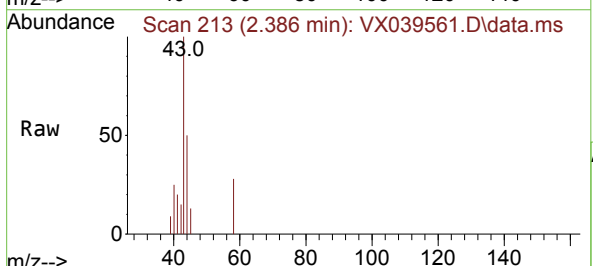
Acq: 02 Jan 2024 10:45

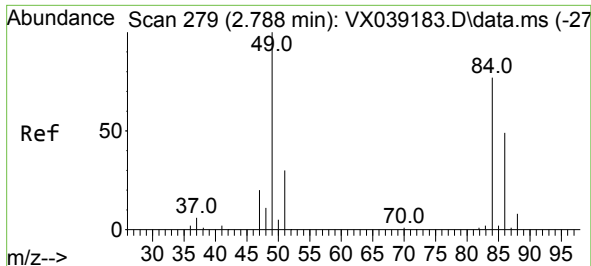
Tgt Ion: 43 Resp: 1133

Ion Ratio Lower Upper

43 100

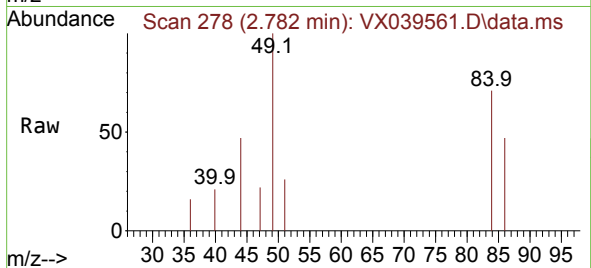
58 28.3 21.9 32.9



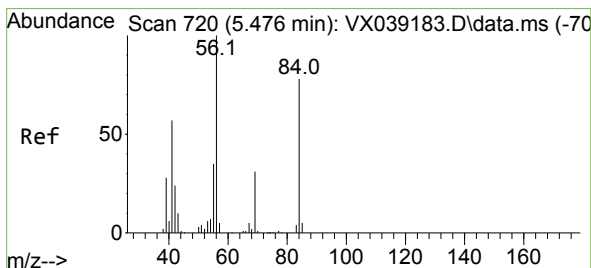
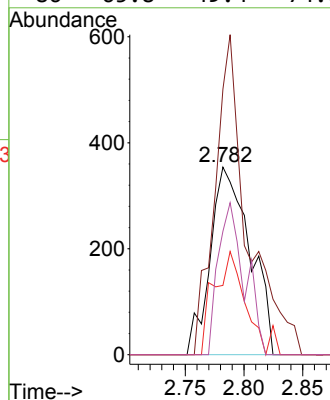
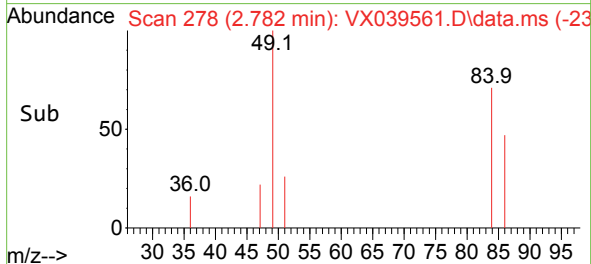


#20
Methylene Chloride
Concen: 0.583 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039561.D
Acq: 02 Jan 2024 10:45

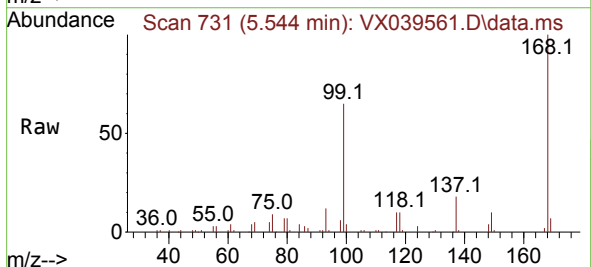
Instrument :
MSVOA_X
ClientSampleId :



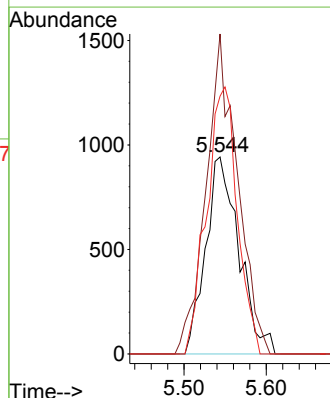
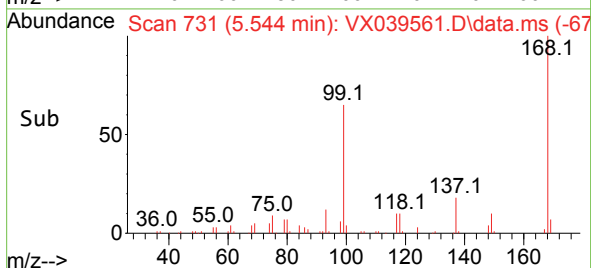
Tgt Ion: 84	Resp: 833
Ion Ratio	Lower Upper
84 100	
49 141.5	103.6 155.4
51 37.0	33.8 50.6
86 65.8	49.4 74.0

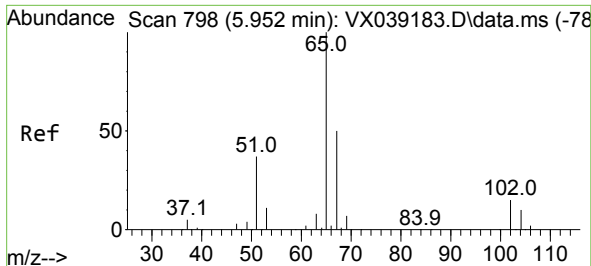


#31
Cyclohexane
Concen: 1.199 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.067 min
Lab File: VX039561.D
Acq: 02 Jan 2024 10:45



Tgt Ion: 56	Resp: 2655
Ion Ratio	Lower Upper
56 100	
69 162.5	23.4 35.2#
84 130.9	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.805 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039561.D

Acq: 02 Jan 2024 10:45

Instrument :

MSVOA_X

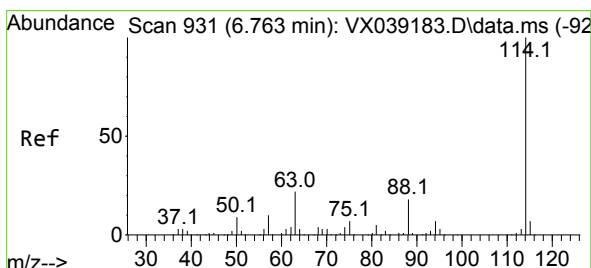
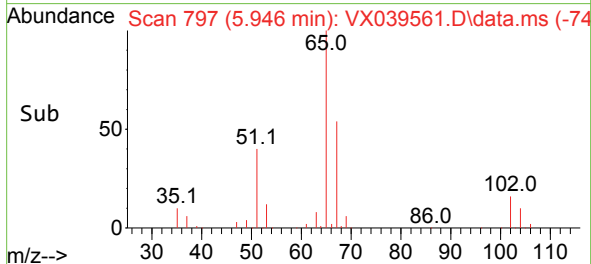
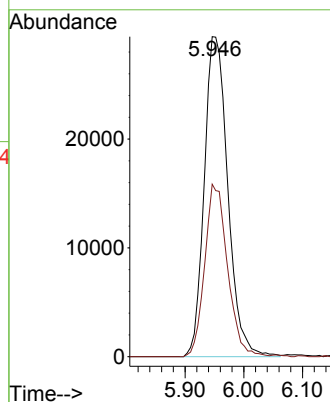
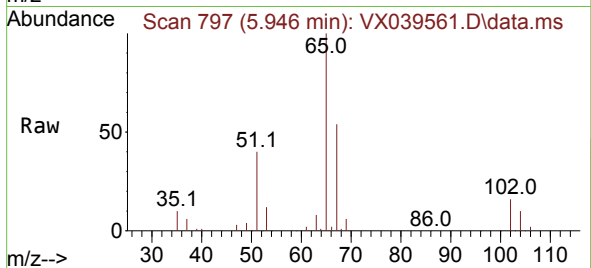
ClientSampleId :

Tgt Ion: 65 Resp: 81972

Ion Ratio Lower Upper

65 100

67 52.1 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: VX039561.D

Acq: 02 Jan 2024 10:45

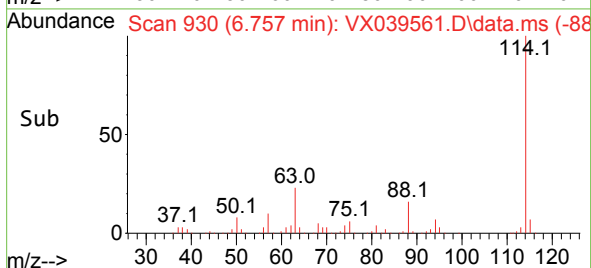
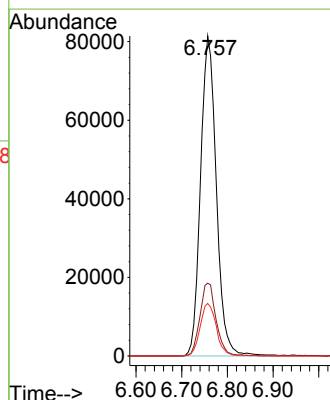
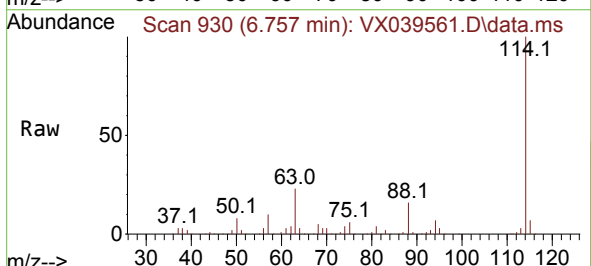
Tgt Ion: 114 Resp: 195223

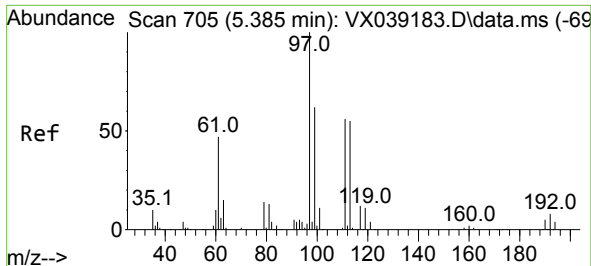
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.852 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

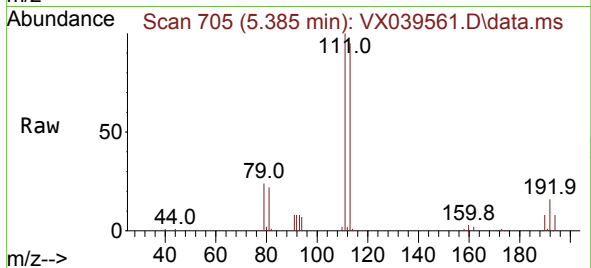
Lab File: VX039561.D

Acq: 02 Jan 2024 10:45

Instrument :

MSVOA_X

ClientSampleId :



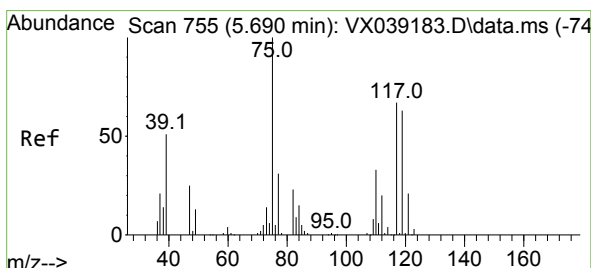
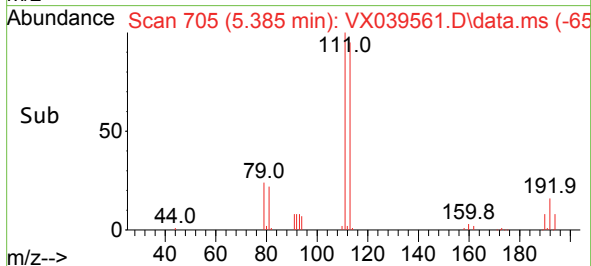
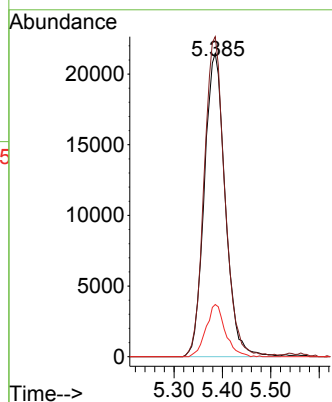
Tgt Ion:113 Resp: 64537

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

192 15.9 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.139 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX039561.D

Acq: 02 Jan 2024 10:45

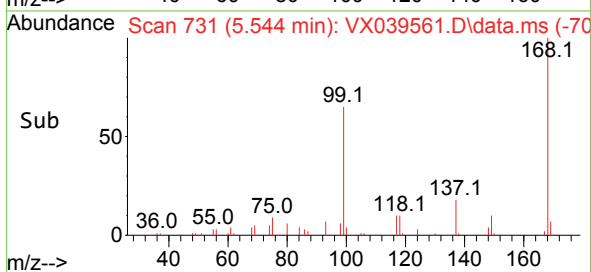
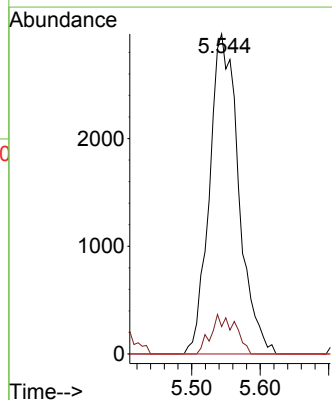
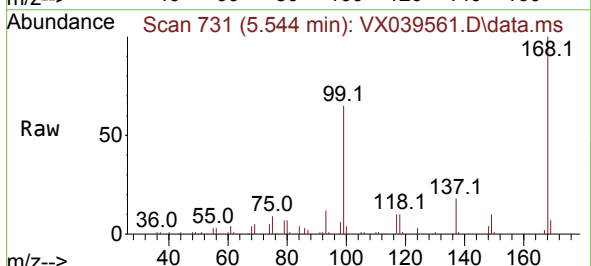
Tgt Ion: 75 Resp: 8810

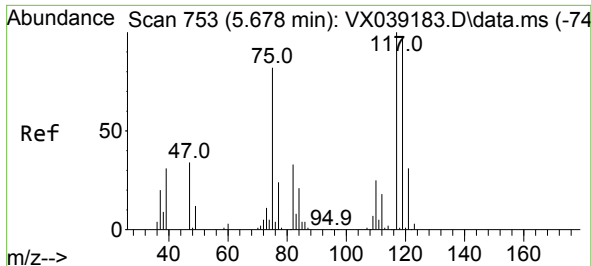
Ion Ratio Lower Upper

75 100

110 10.2 17.0 50.9#

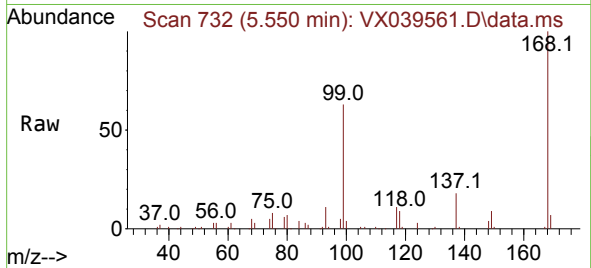
77 0.0 24.7 37.1#



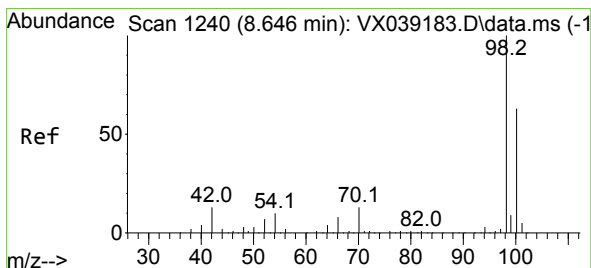
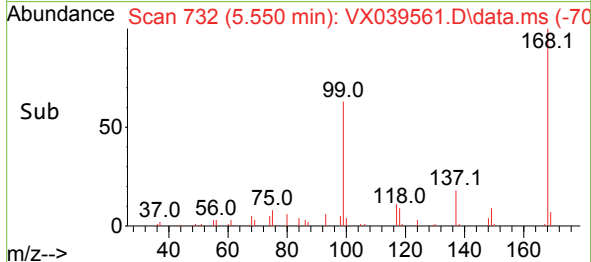
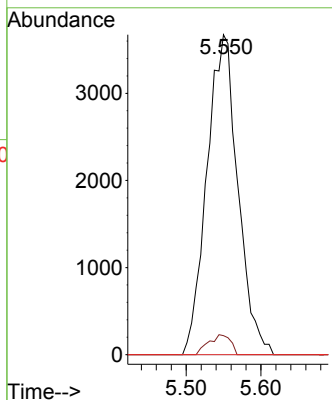


#38
Carbon Tetrachloride
Concen: 5.221 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039561.D
Acq: 02 Jan 2024 10:45

Instrument :
MSVOA_X
ClientSampleId :

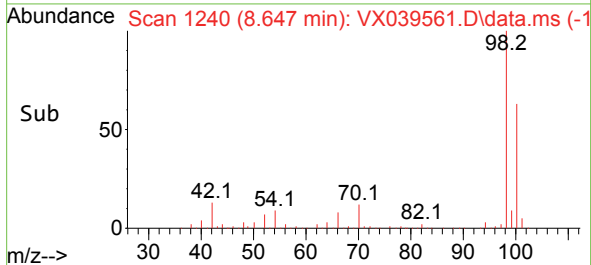
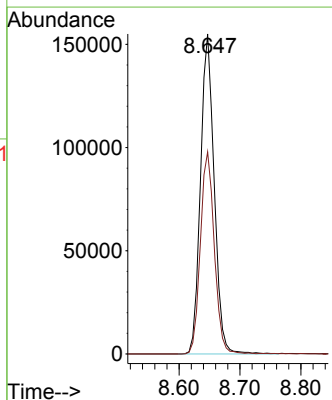
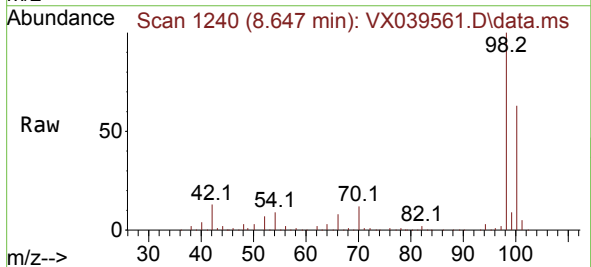


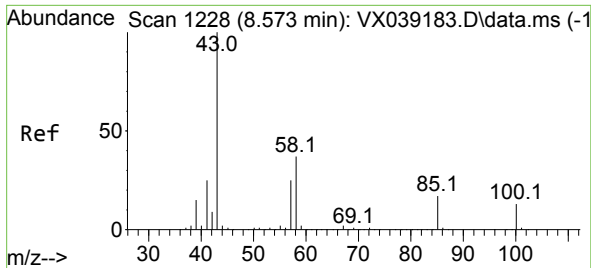
Tgt Ion:117 Resp: 10605
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.462 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039561.D
Acq: 02 Jan 2024 10:45

Tgt Ion: 98 Resp: 242654
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

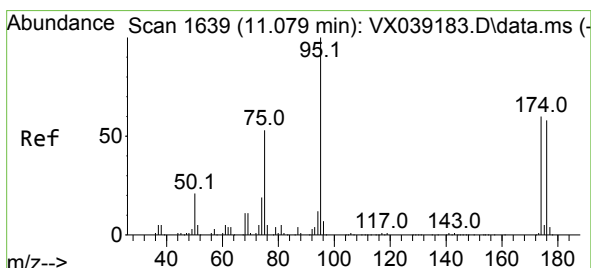
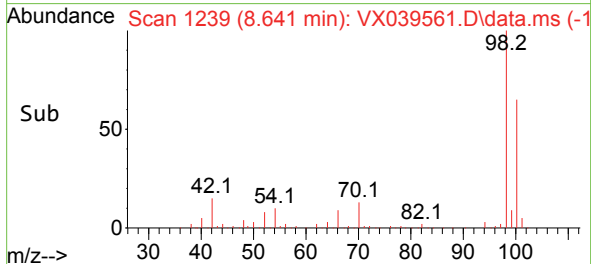
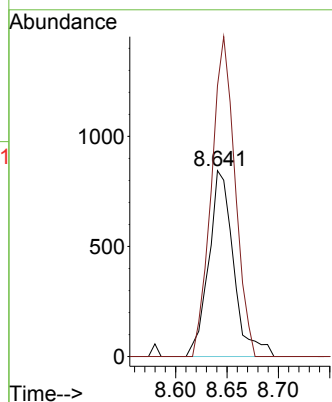
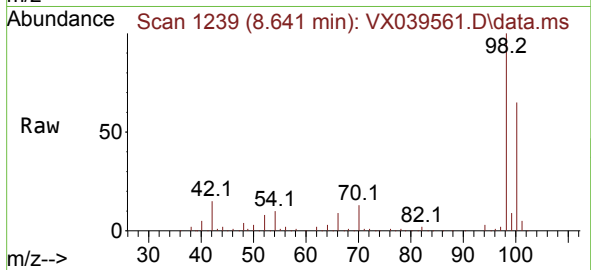




#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039561.D
Acq: 02 Jan 2024 10:45

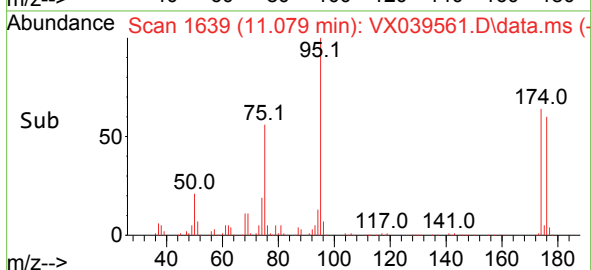
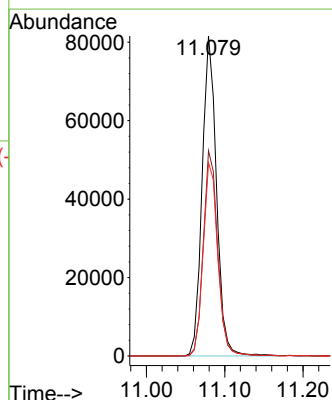
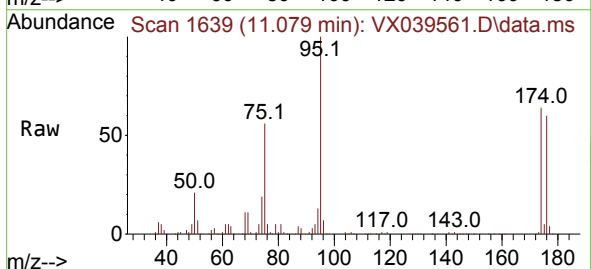
Instrument :
MSVOA_X
ClientSampleId :

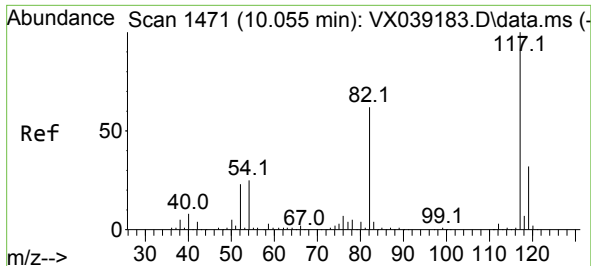
Tgt Ion: 43 Resp: 1419
Ion Ratio Lower Upper
43 100
58 163.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.263 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039561.D
Acq: 02 Jan 2024 10:45

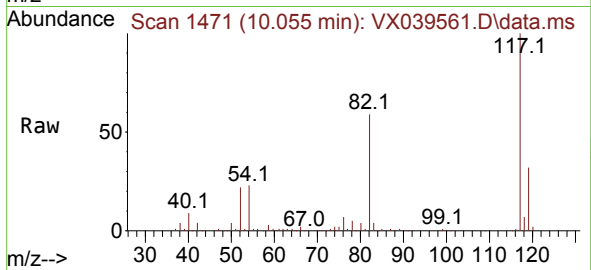
Tgt Ion: 95 Resp: 103838
Ion Ratio Lower Upper
95 100
174 64.6 0.0 135.6
176 61.6 0.0 131.0



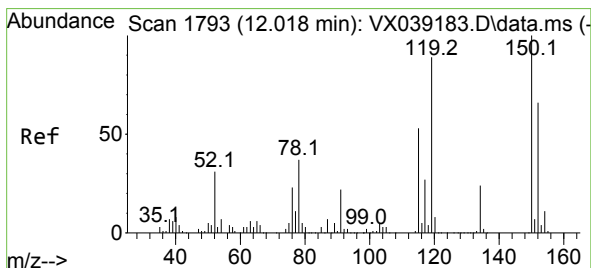
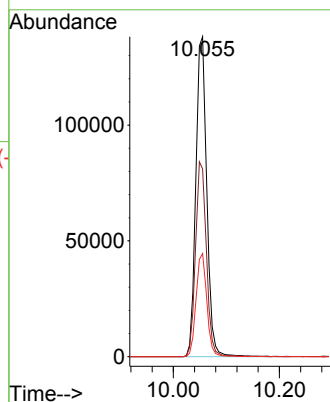
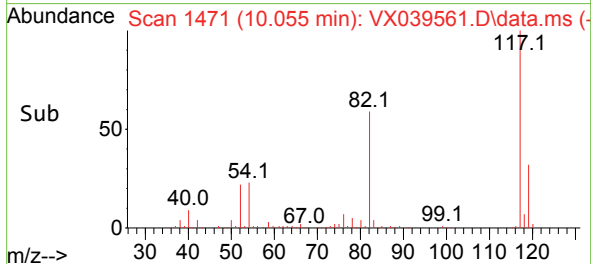


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039561.D
Acq: 02 Jan 2024 10:45

Instrument :
MSVOA_X
ClientSampleId :

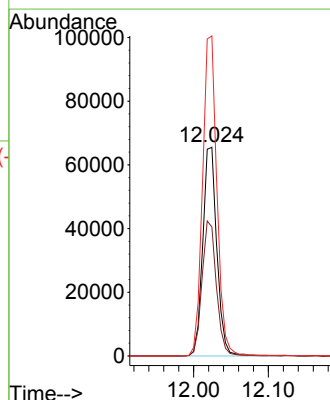
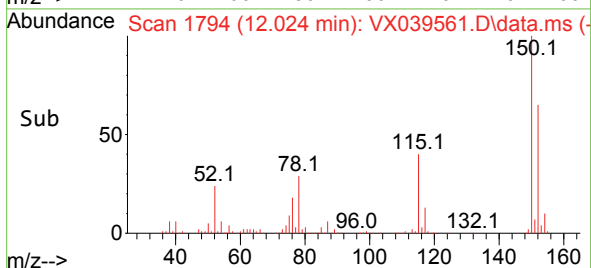
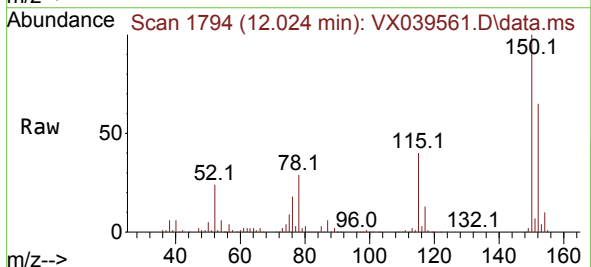


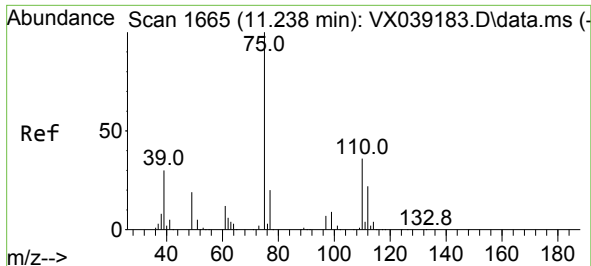
Tgt Ion:117 Resp: 197647
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039561.D
Acq: 02 Jan 2024 10:45

Tgt Ion:152 Resp: 85783
Ion Ratio Lower Upper
152 100
115 66.0 43.3 129.9
150 156.8 0.0 345.0

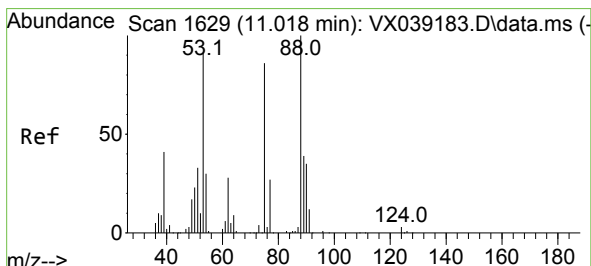
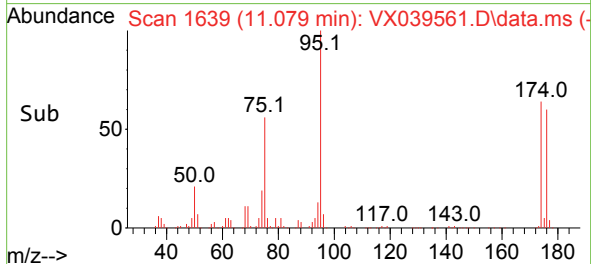
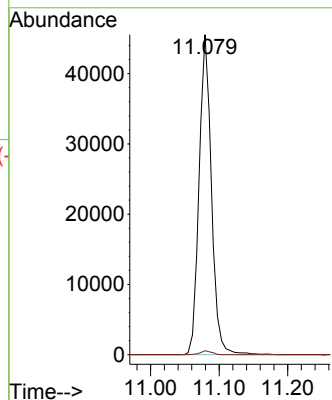
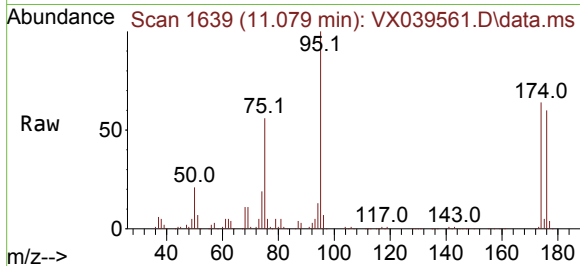




#76
1,2,3-Trichloropropane
Concen: 25.762 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039561.D
Acq: 02 Jan 2024 10:45

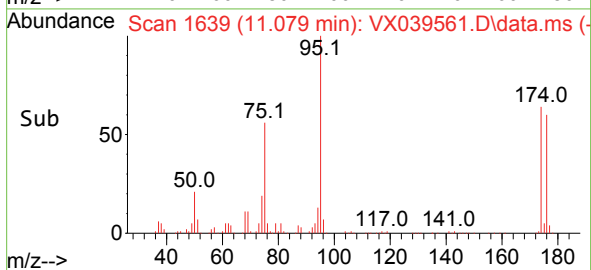
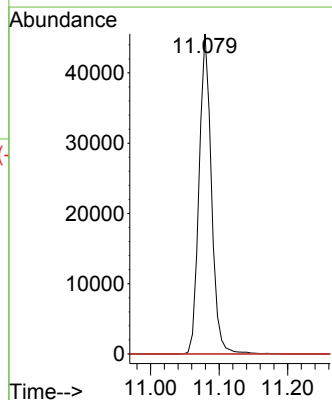
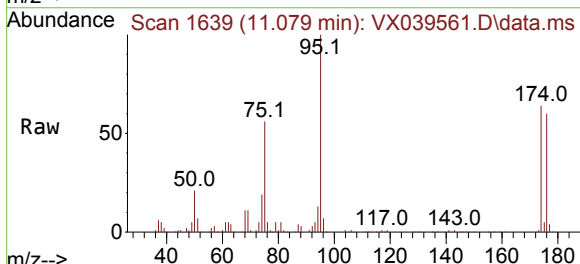
Instrument :
MSVOA_X
ClientSampleId :

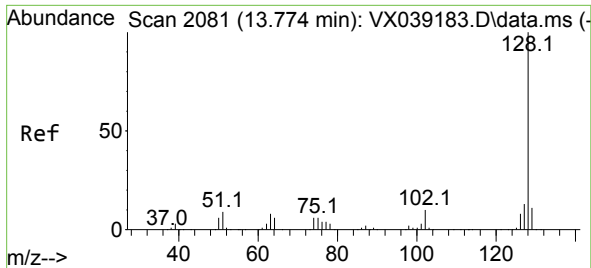
Tgt Ion: 75 Resp: 57174
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.673 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039561.D
Acq: 02 Jan 2024 10:45

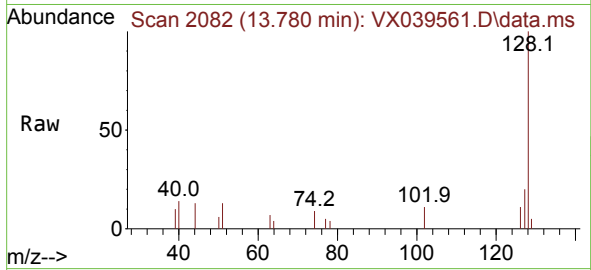
Tgt Ion: 75 Resp: 57174
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.352 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039561.D
Acq: 02 Jan 2024 10:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	2210
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.3	15.5
129	5.0	8.8	13.2#

