

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039584.D
 Acq On : 02 Jan 2024 19:56
 Operator : JC/MD
 Sample : P1001-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 03 04:17:49 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)

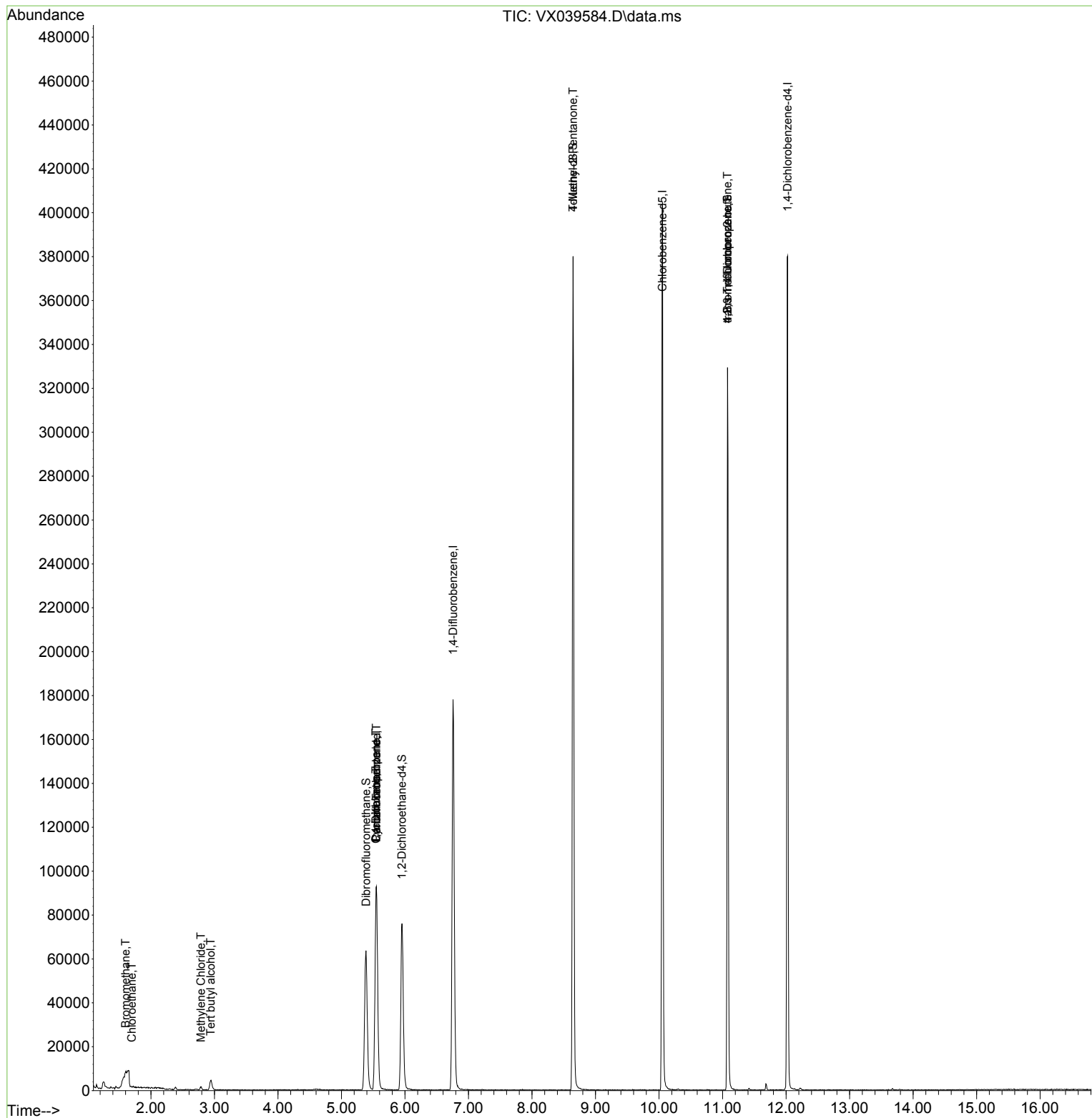
Internal Standards						
1) Pentafluorobenzene	5.550	168	83299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72689	47.634	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.260%		
35) Dibromofluoromethane	5.385	113	57257	47.354	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.700%		
50) Toluene-d8	8.647	98	220055	49.021	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.040%		
62) 4-Bromofluorobenzene	11.079	95	90142	48.669	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.340%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	191	0.275	ug/l #	79
6) Chloroethane	1.697	64	188	0.259	ug/l #	43
11) Tert butyl alcohol	2.940	59	3297	8.604	ug/l #	78
16) Acetone	2.386	43	1187	Below Cal	#	83
20) Methylene Chloride	2.788	84	529	0.416	ug/l #	77
31) Cyclohexane	5.544	56	2200	1.116	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	8192	4.293	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9377	5.150	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1201	0.492	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50121	25.417	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50121	71.701	ug/l #	5

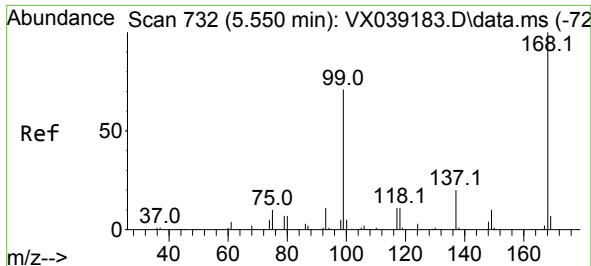
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



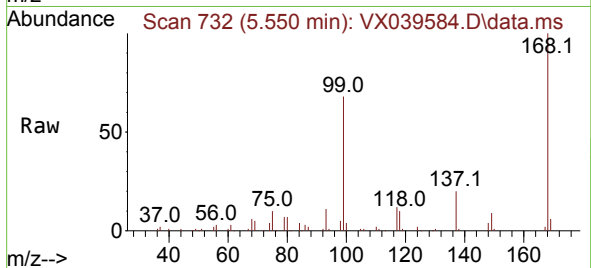


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

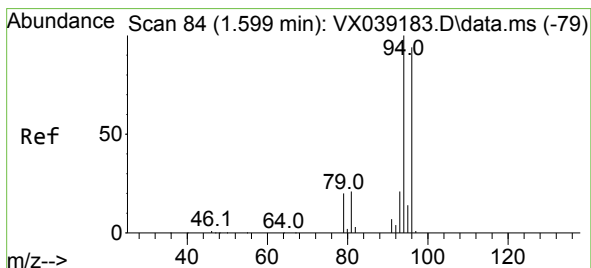
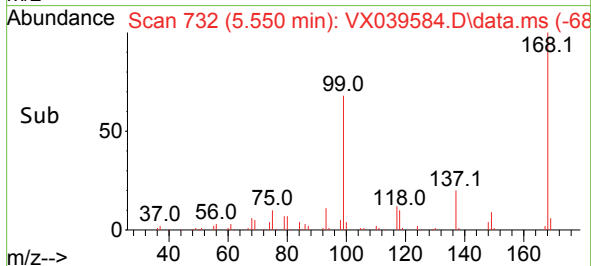
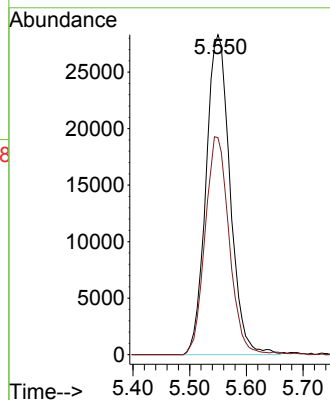
Instrument :

MSVOA_X

ClientSampleId :

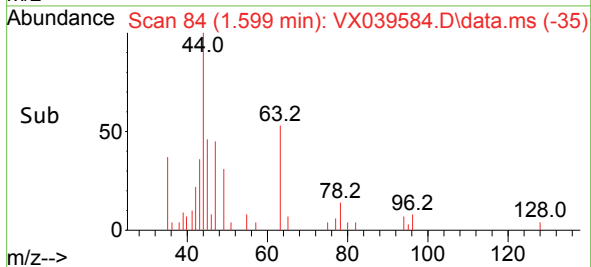
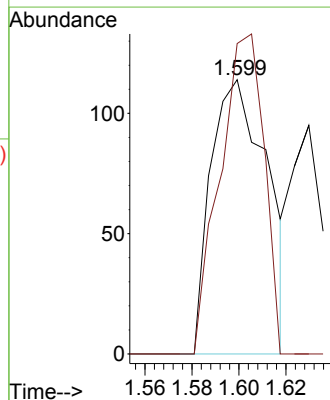
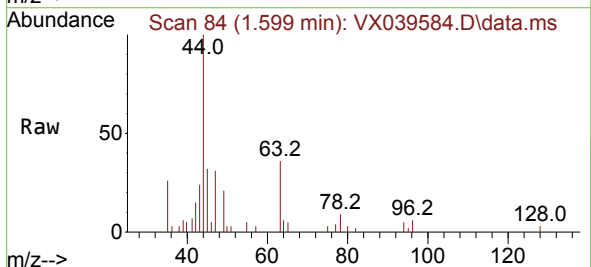


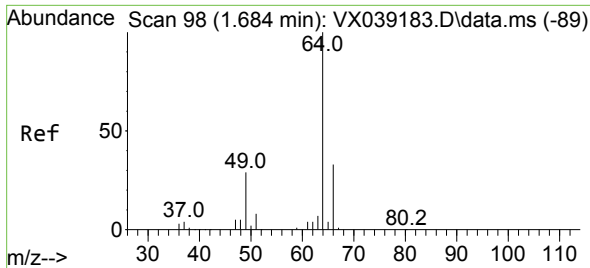
Tgt Ion:168 Resp: 83299
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0



#5
Bromomethane
Concen: 0.275 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

Tgt Ion: 94 Resp: 191
Ion Ratio Lower Upper
94 100
96 113.2 74.6 111.8#

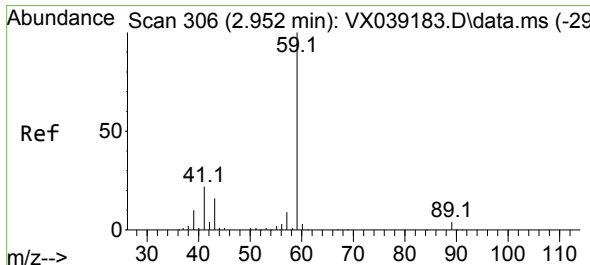
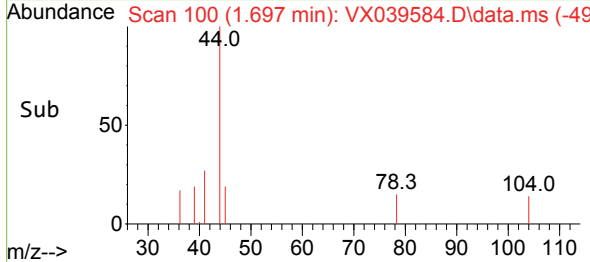
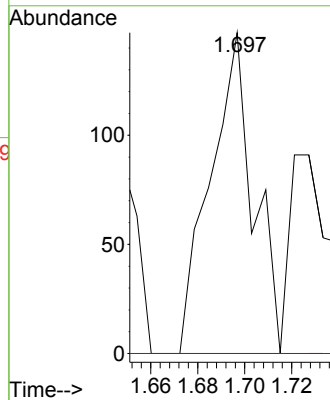
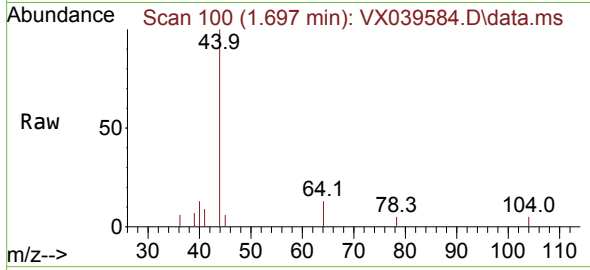




#6
Chloroethane
Concen: 0.259 ug/l
RT: 1.697 min Scan# 10
Delta R.T. 0.012 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

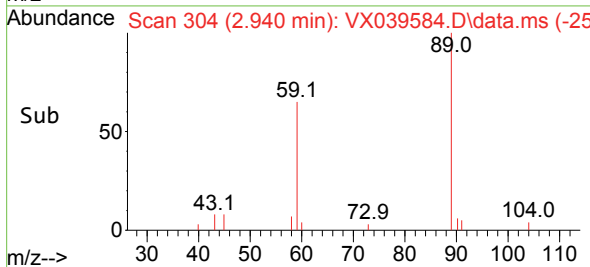
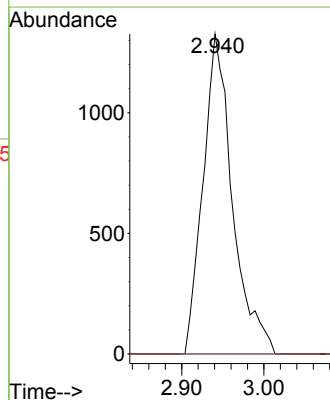
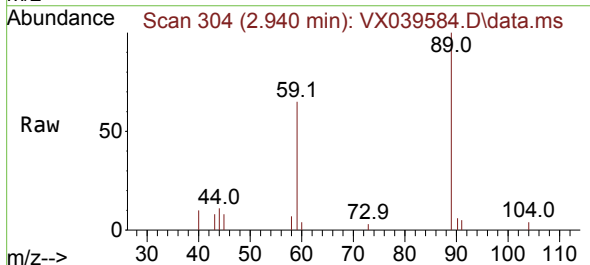
Instrument :
MSVOA_X
ClientSampleId :

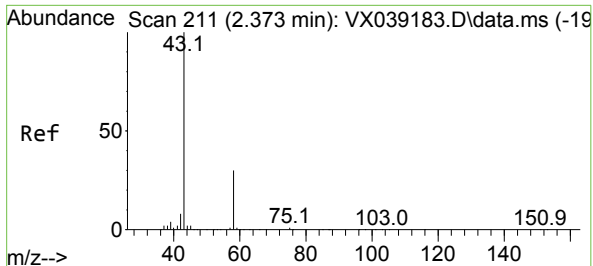
Tgt Ion: 64 Resp: 188
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 8.604 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

Tgt Ion: 59 Resp: 3297
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

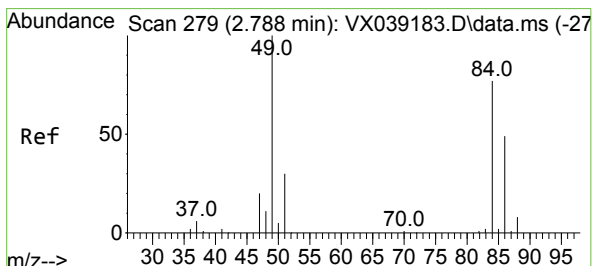
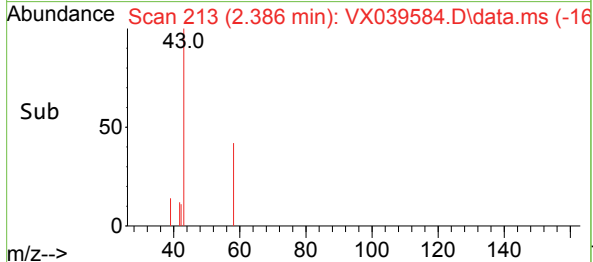
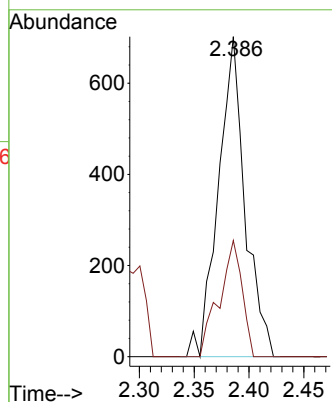
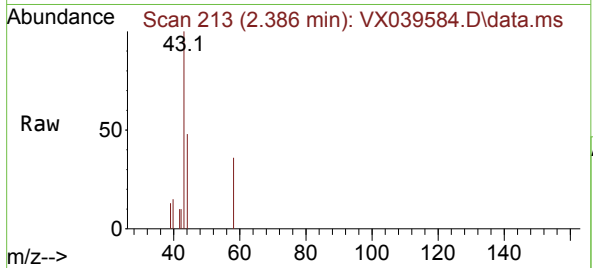




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

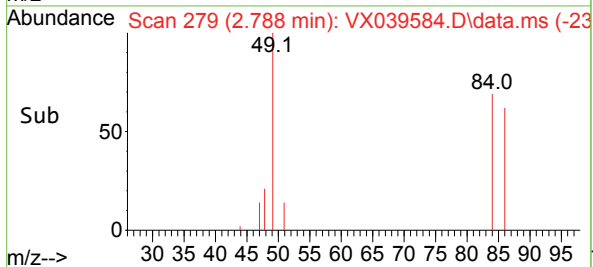
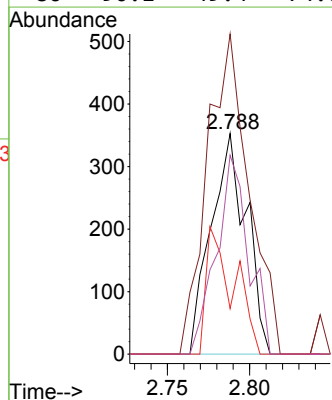
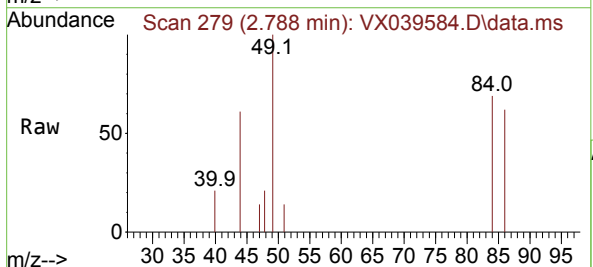
Instrument :
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ClientSampleId :

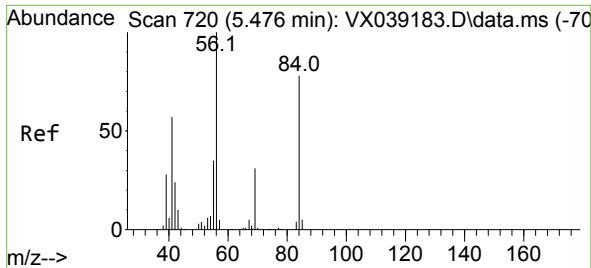
Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
58 36.3 21.9 32.9#



#20
Methylene Chloride
Concen: 0.416 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

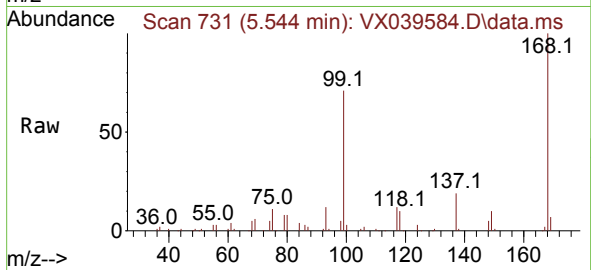
Tgt Ion: 84 Resp: 529
Ion Ratio Lower Upper
84 100
49 145.0 103.6 155.4
51 20.7 33.8 50.6#
86 90.1 49.4 74.0#



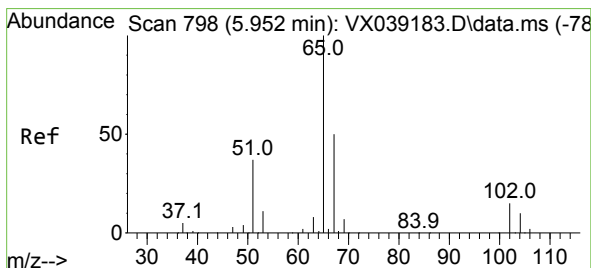
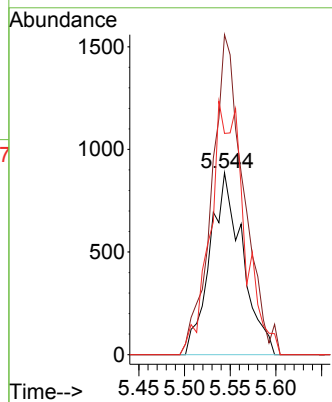
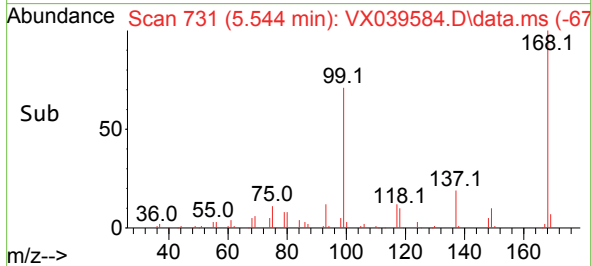


#31
Cyclohexane
Concen: 1.116 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

Instrument :
MSVOA_X
ClientSampleId :

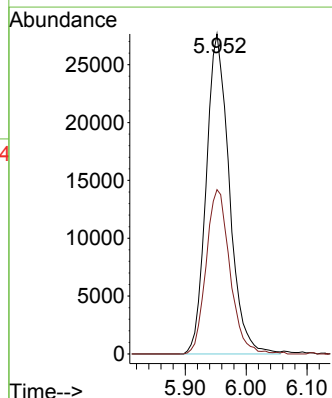
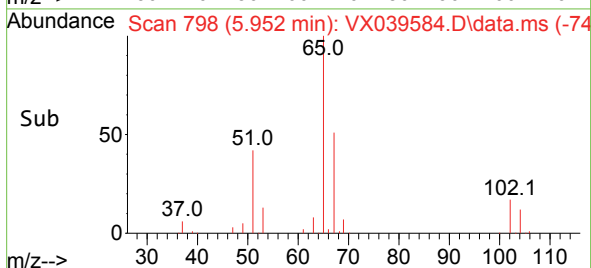
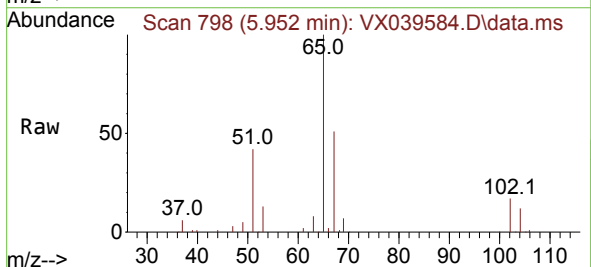


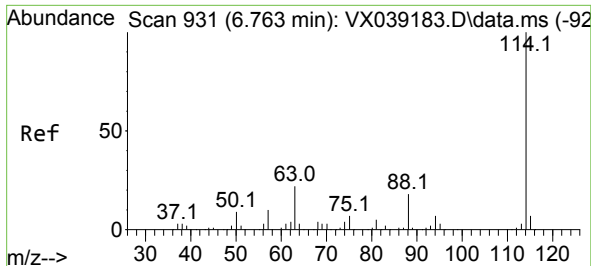
Tgt Ion: 56 Resp: 2200
Ion Ratio Lower Upper
56 100
69 176.0 23.4 35.2#
84 121.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.634 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

Tgt Ion: 65 Resp: 72689
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

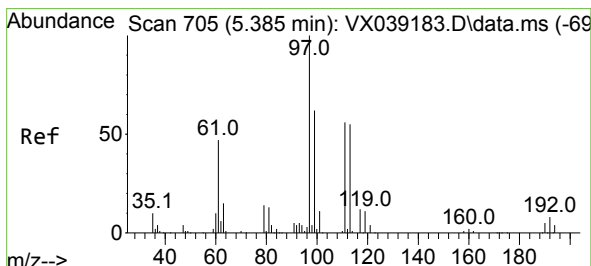
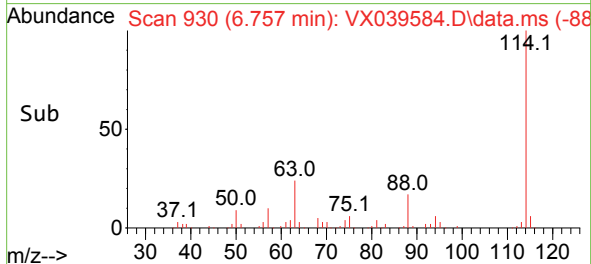
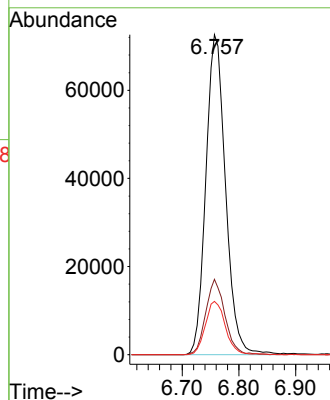
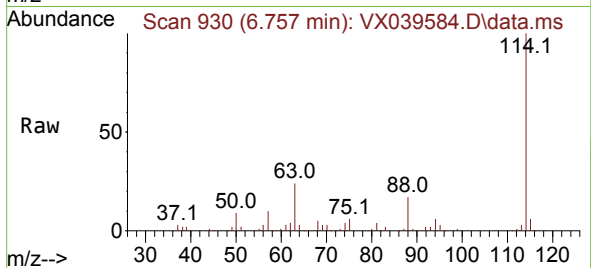




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

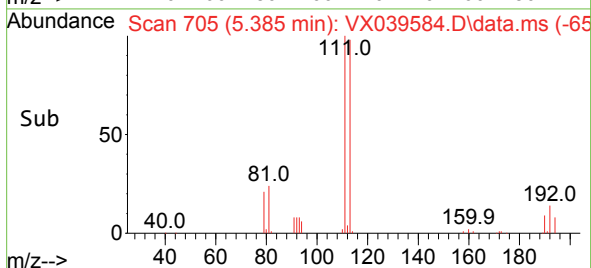
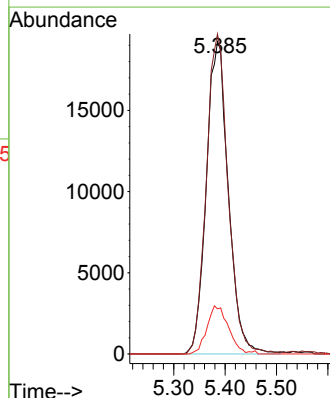
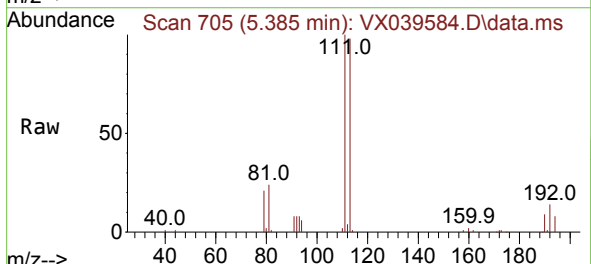
Instrument :
MSVOA_X
ClientSampleId :

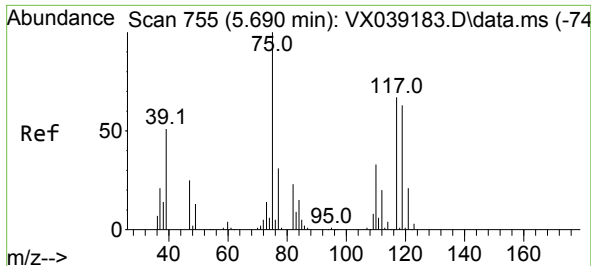
Tgt Ion:114 Resp: 175022
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.354 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

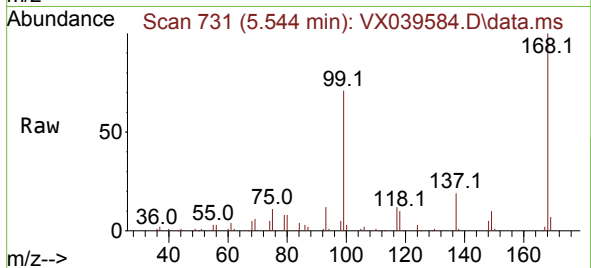
Tgt Ion:113 Resp: 57257
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 15.1 13.3 19.9



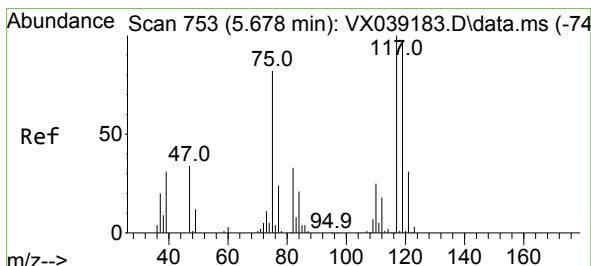
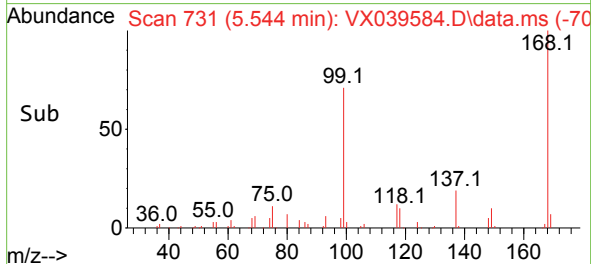
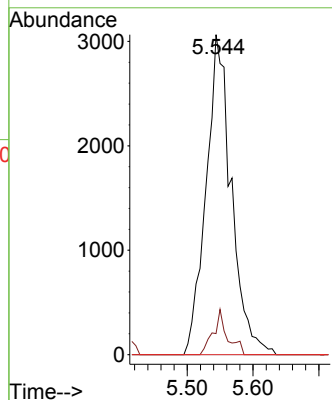


#36
1,1-Dichloropropene
Concen: 4.293 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

Instrument :
MSVOA_X
ClientSampleId :

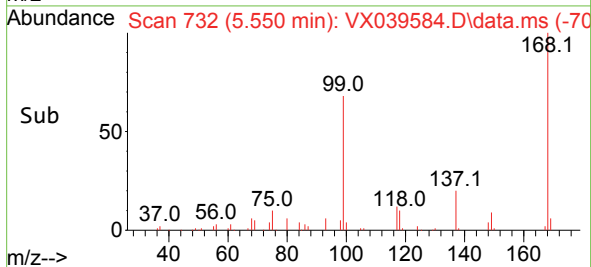
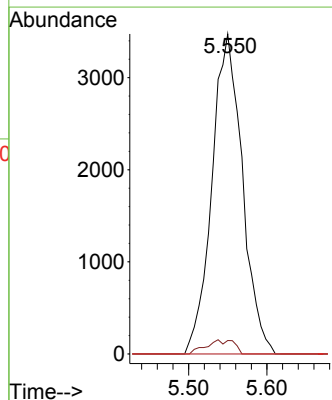
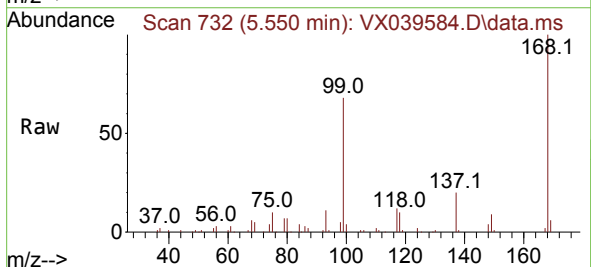


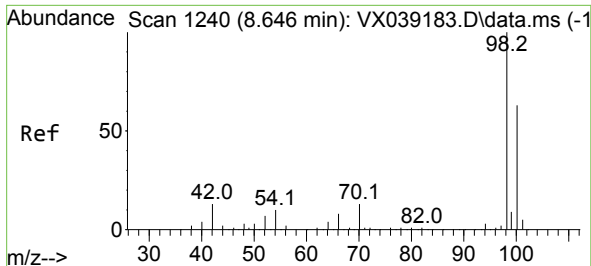
Tgt Ion: 75 Resp: 8192
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.150 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

Tgt Ion: 117 Resp: 9377
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

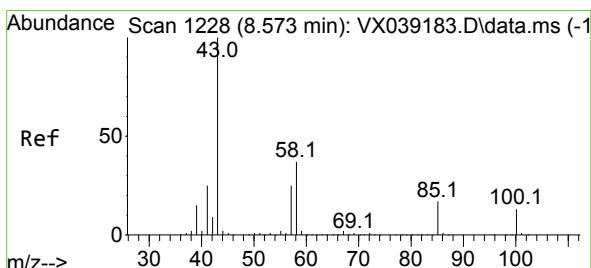
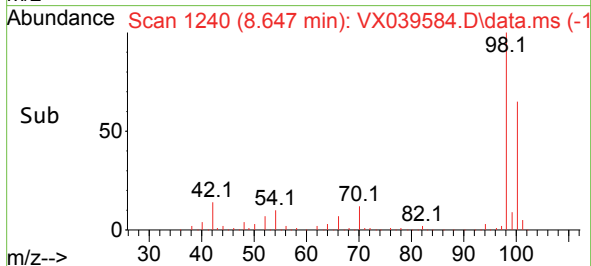
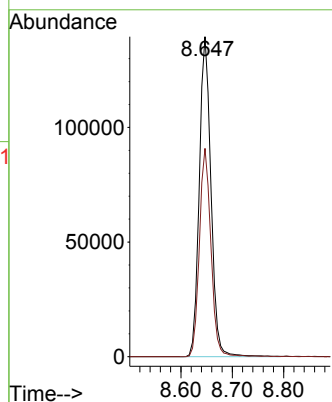
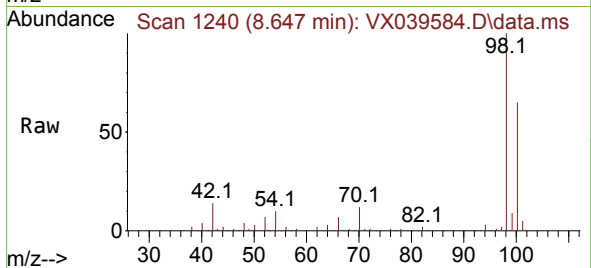




#50
Toluene-d8
Concen: 49.021 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

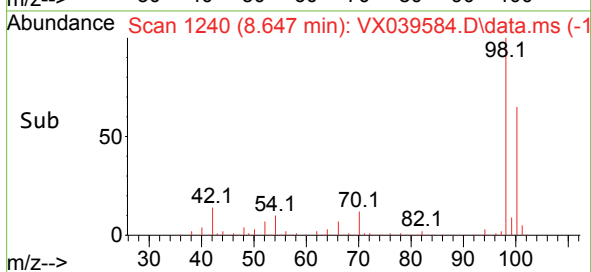
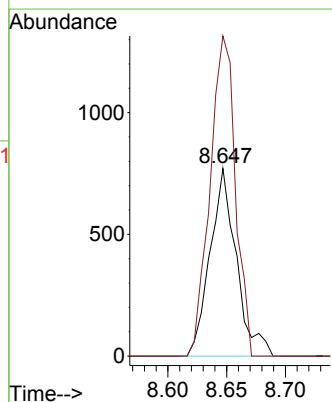
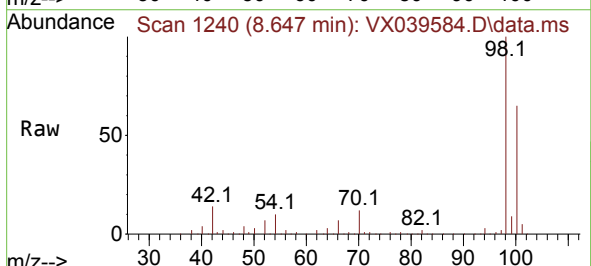
Instrument :
MSVOA_X
ClientSampleId :

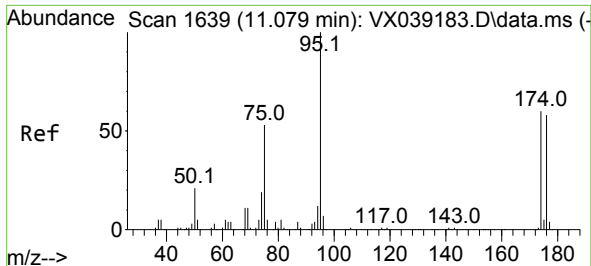
Tgt Ion: 98 Resp: 220055
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.492 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

Tgt Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
58 164.5 30.4 45.6#

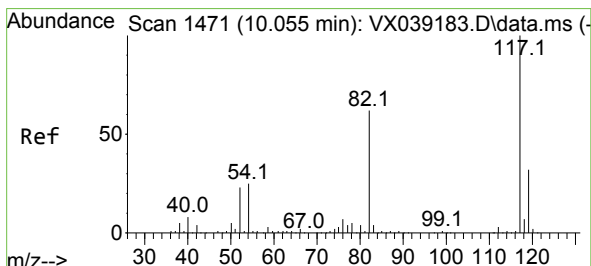
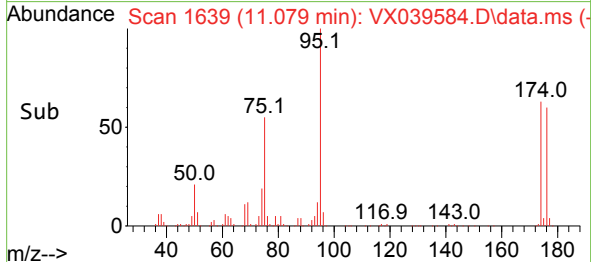
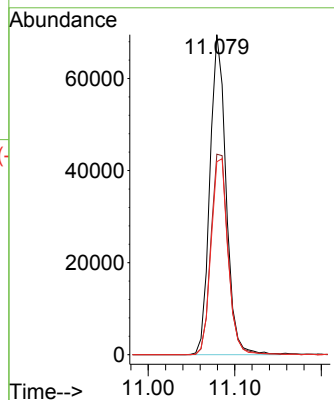
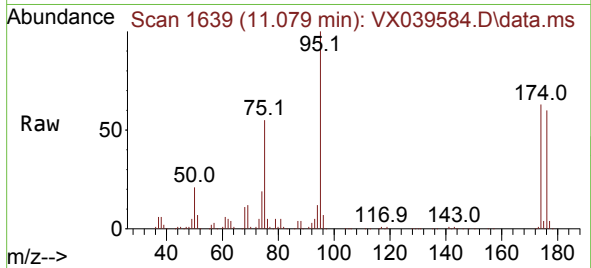




#62
4-Bromofluorobenzene
Concen: 48.669 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

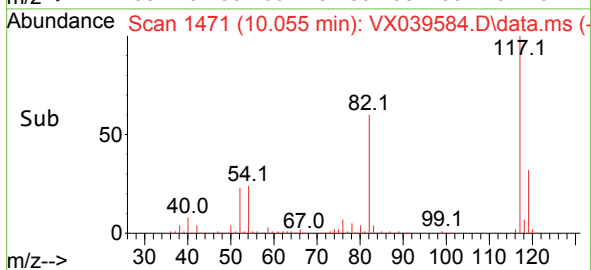
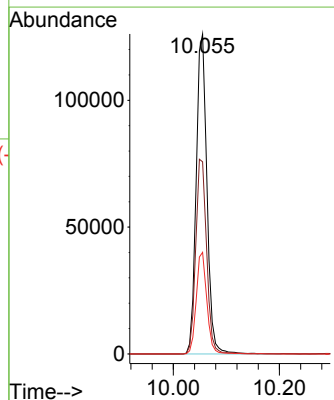
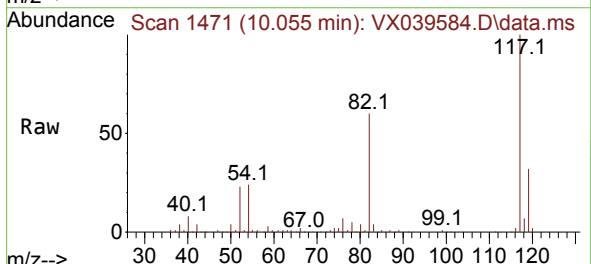
Instrument :
MSVOA_X
ClientSampleId :

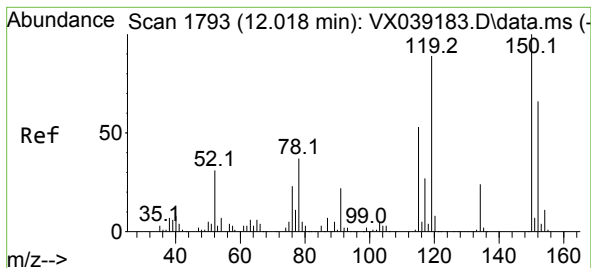
Tgt Ion: 95 Resp: 90142
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.6
176 64.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039584.D
Acq: 02 Jan 2024 19:56

Tgt Ion: 117 Resp: 177602
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039584.D

Acq: 02 Jan 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

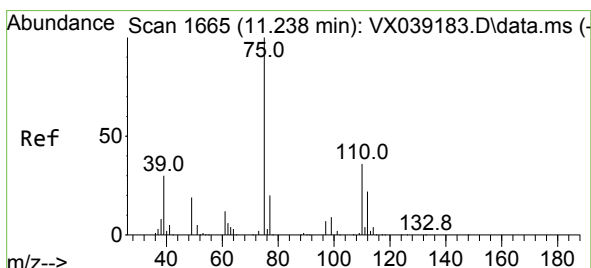
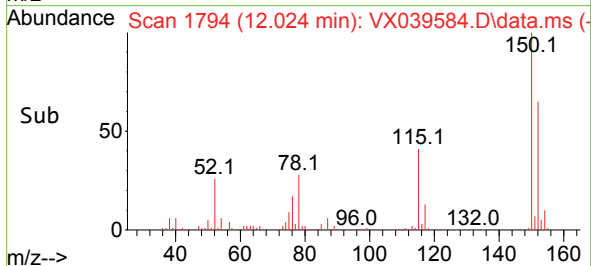
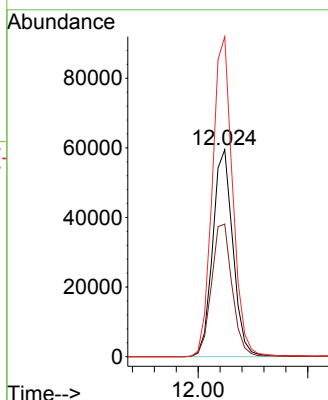
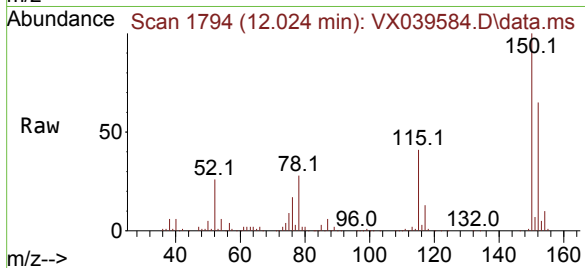
Tgt Ion:152 Resp: 76220

Ion Ratio Lower Upper

152 100

115 65.9 43.3 129.9

150 154.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.417 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039584.D

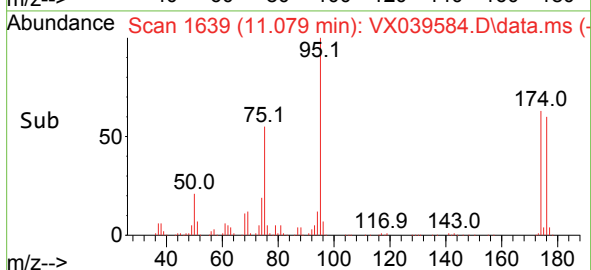
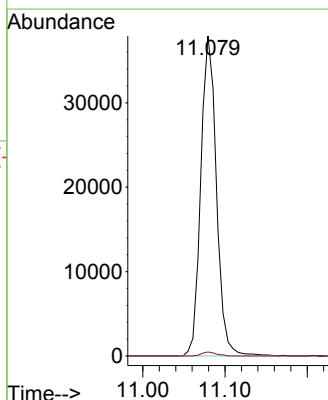
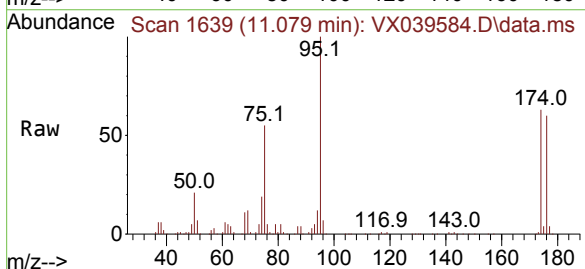
Acq: 02 Jan 2024 19:56

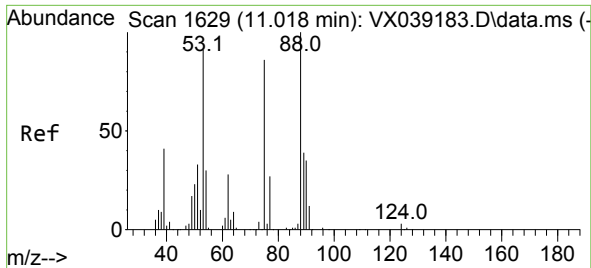
Tgt Ion: 75 Resp: 50121

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.701 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039584.D
 Acq: 02 Jan 2024 19:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 50121
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

