

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039793.D
 Acq On : 17 Jan 2024 11:45
 Operator : JC/MD
 Sample : P1149-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 18 02:40:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

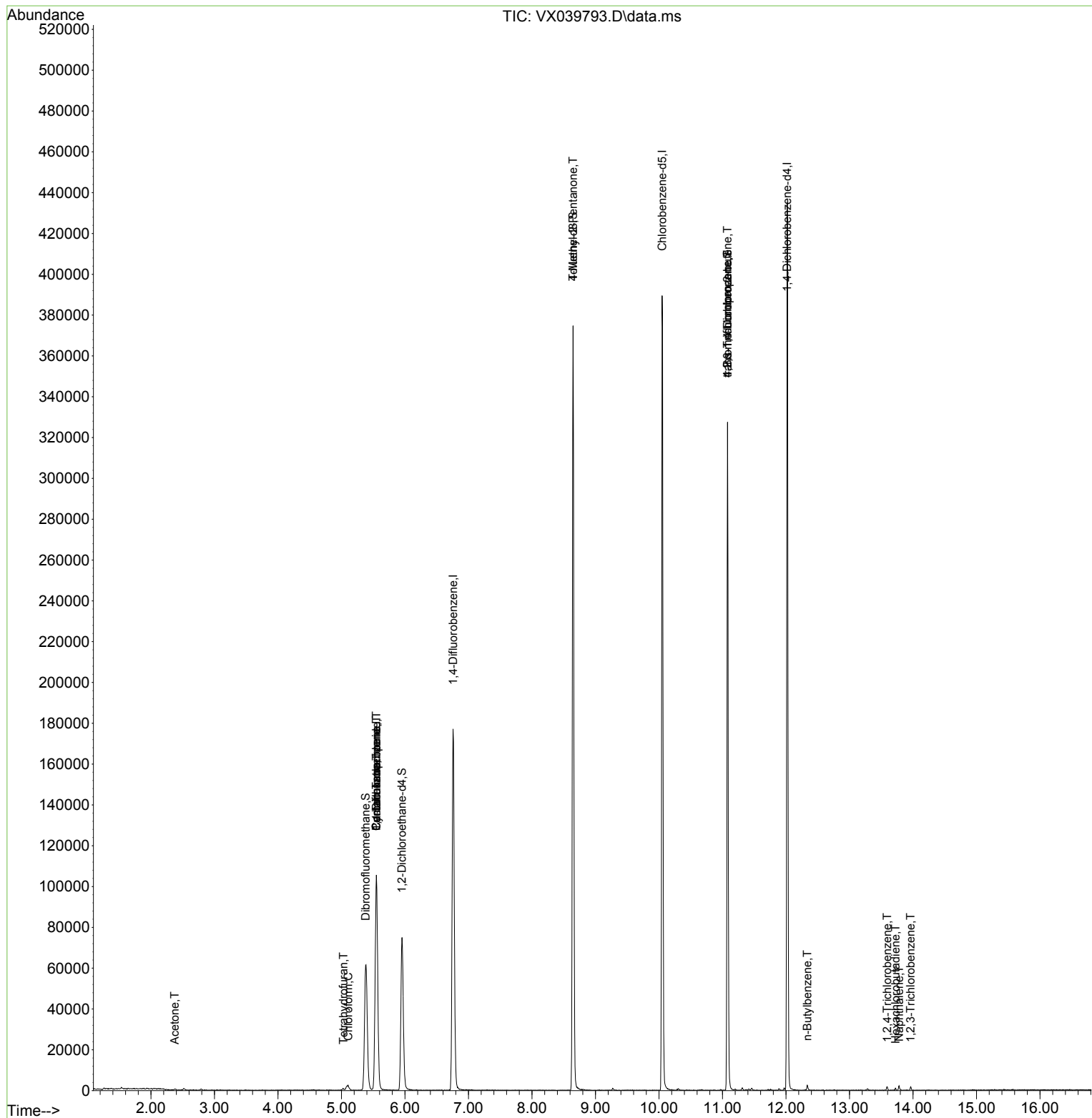
Internal Standards						
1) Pentafluorobenzene	5.550	168	92276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	169141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72835	47.119	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.240%
35) Dibromofluoromethane	5.379	113	55129	46.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.540%
50) Toluene-d8	8.647	98	215750	48.526	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.079	95	85943	49.432	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.860%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	519	0.597	ug/l	95
29) Tetrahydrofuran	5.032	42	504	0.627	ug/l #	79
30) Chloroform	5.105	83	2816	1.243	ug/l	99
31) Cyclohexane	5.550	56	2626	1.287	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	8244	4.493	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10428	6.205	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1043	0.422	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47289	22.044	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47289	63.960	ug/l #	5
89) n-Butylbenzene	12.335	91	1089	0.203	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	523	0.308	ug/l	89
94) Hexachlorobutadiene	13.725	225	224	0.317	ug/l	72
95) Naphthalene	13.780	128	1677	0.268	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	517	0.302	ug/l	90

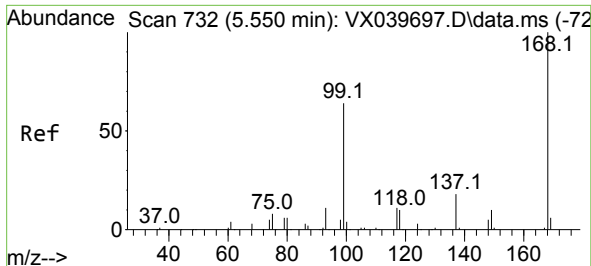
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 18 02:40:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



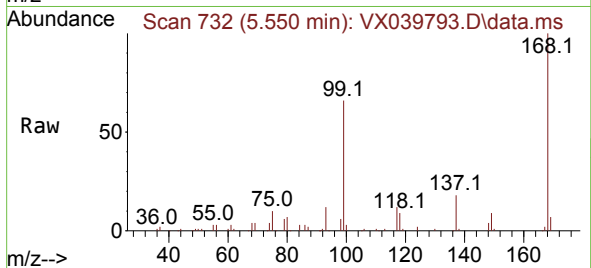


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

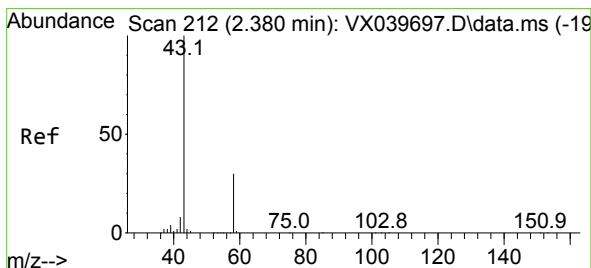
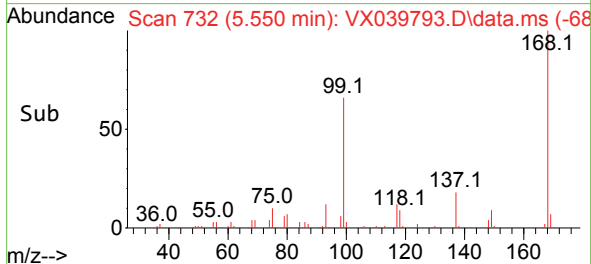
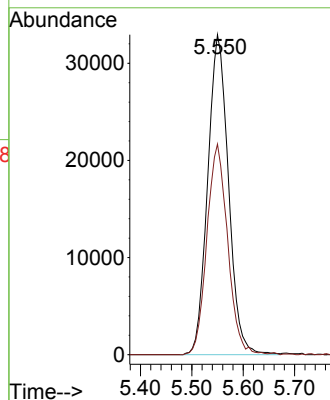
Instrument :

MSVOA_X

ClientSampleId :

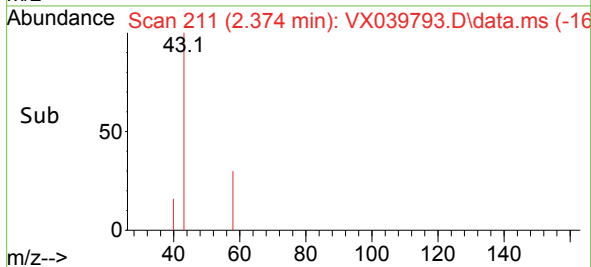
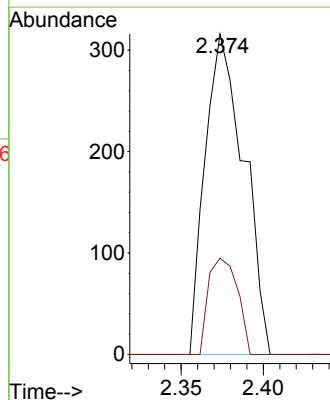
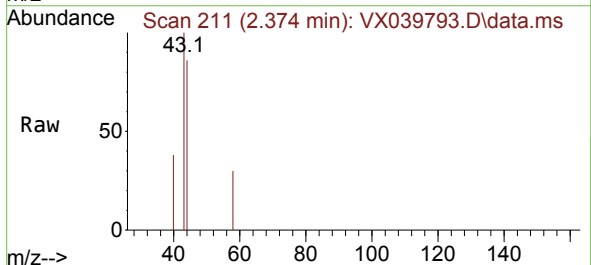


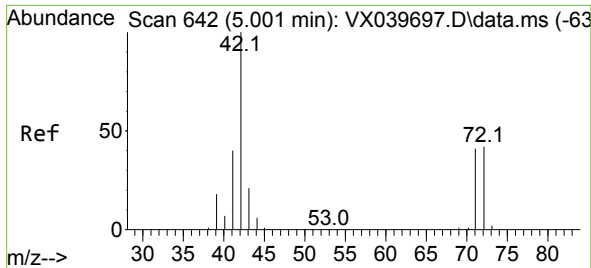
Tgt Ion:168 Resp: 92276
Ion Ratio Lower Upper
168 100
99 65.8 56.6 85.0



#16
Acetone
Concen: 0.597 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9





#29

Tetrahydrofuran

Concen: 0.627 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.031 min

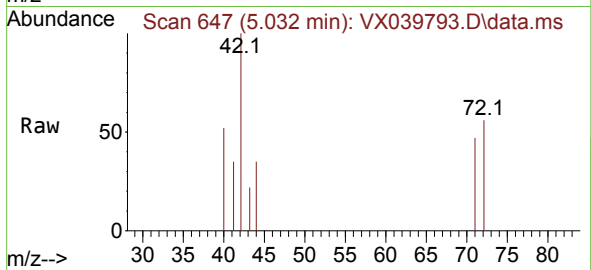
Lab File: VX039793.D

Acq: 17 Jan 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :



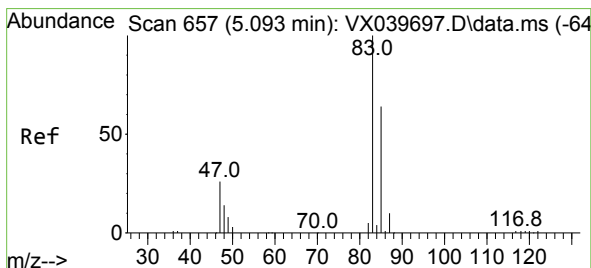
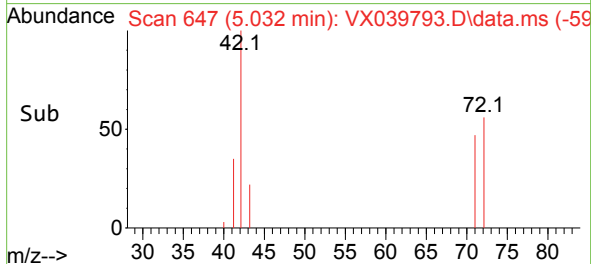
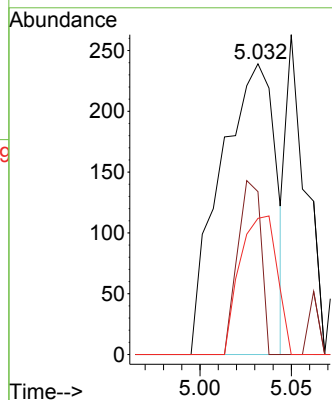
Tgt Ion: 42 Resp: 504

Ion Ratio Lower Upper

42 100

72 25.4 34.2 51.4#

71 31.9 32.2 48.2#



#30

Chloroform

Concen: 1.243 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.012 min

Lab File: VX039793.D

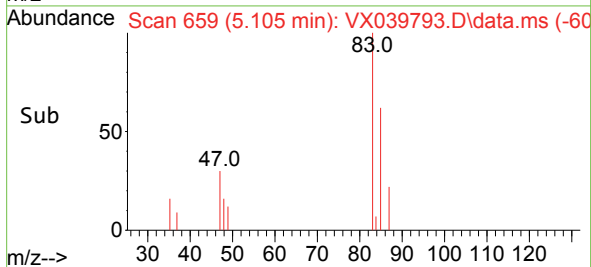
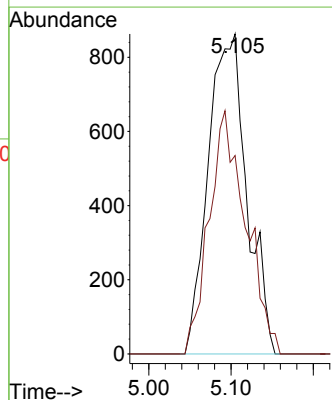
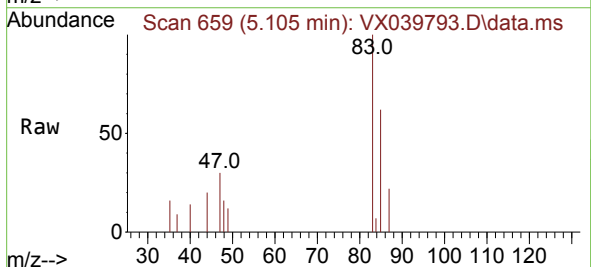
Acq: 17 Jan 2024 11:45

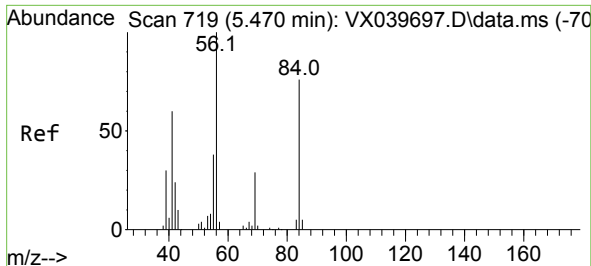
Tgt Ion: 83 Resp: 2816

Ion Ratio Lower Upper

83 100

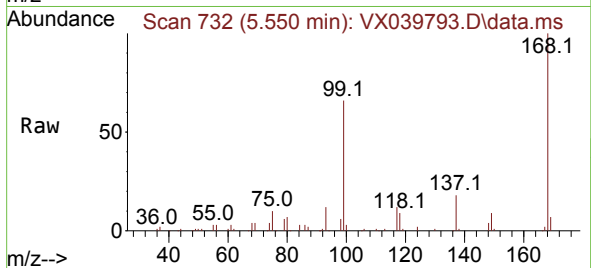
85 62.0 50.3 75.5



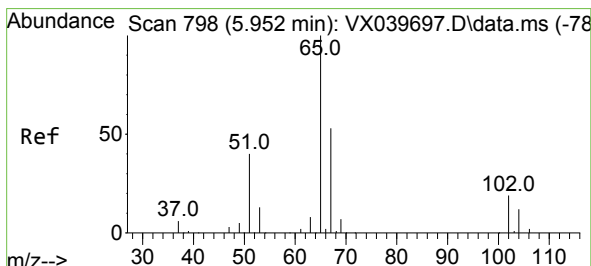
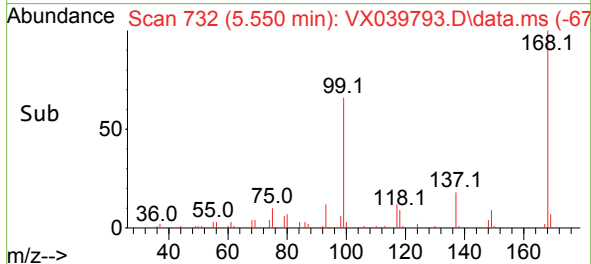
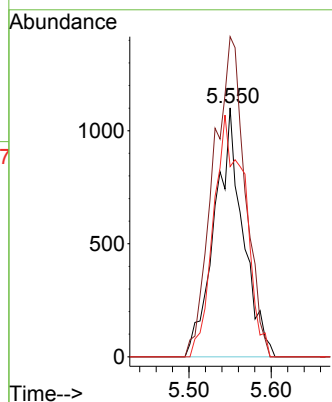


#31
Cyclohexane
Concen: 1.287 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :

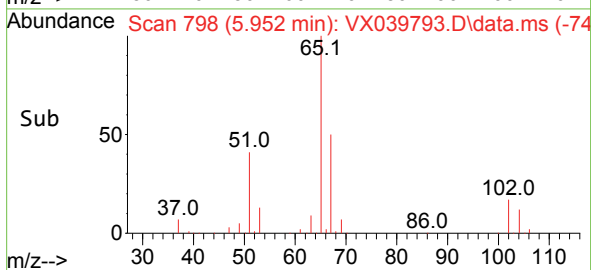
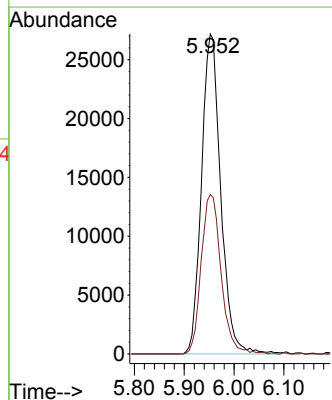
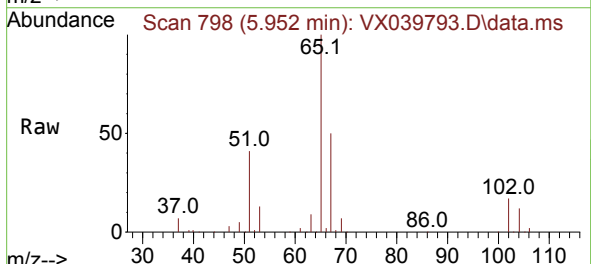


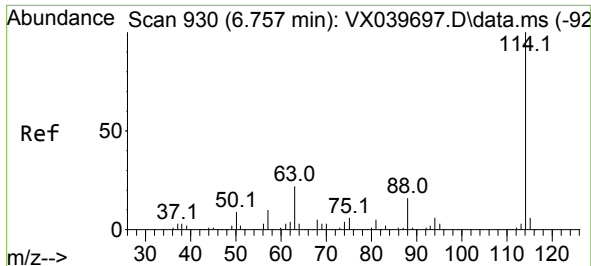
Tgt Ion: 56 Resp: 2626
Ion Ratio Lower Upper
56 100
69 128.6 23.4 35.2#
84 76.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.119 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

Tgt Ion: 65 Resp: 72835
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

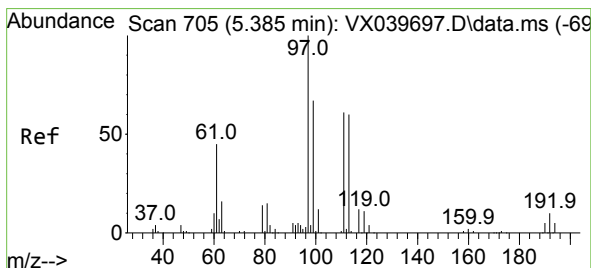
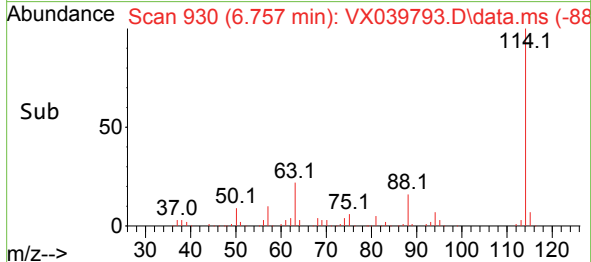
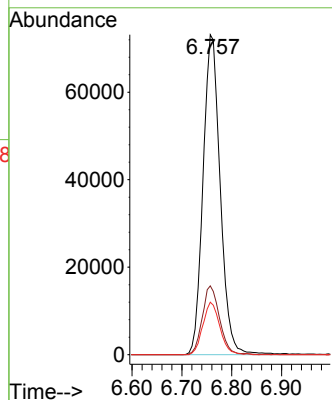
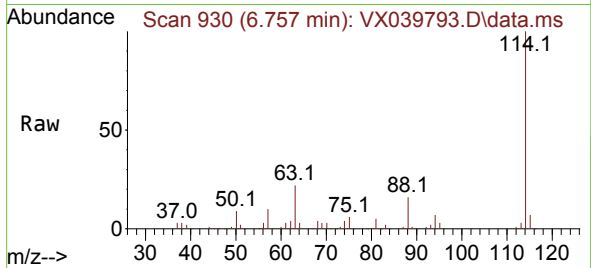




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

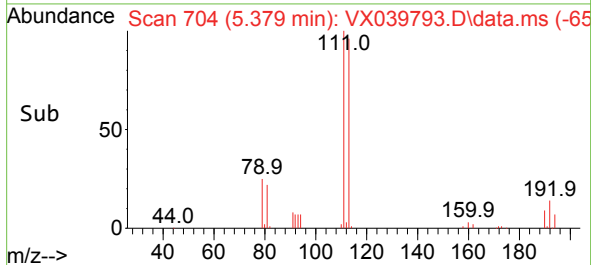
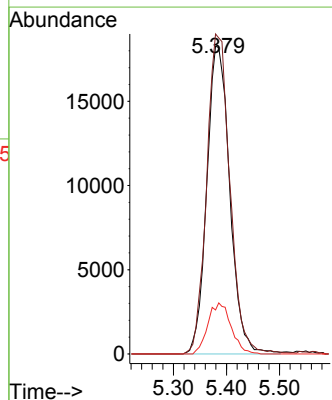
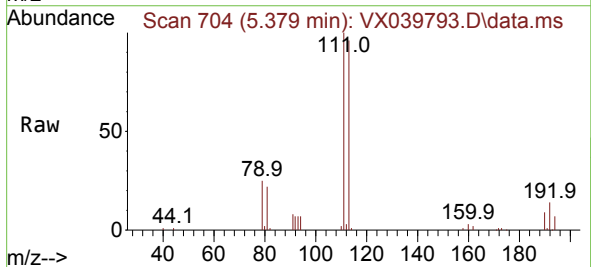
Instrument :
MSVOA_X
ClientSampleId :

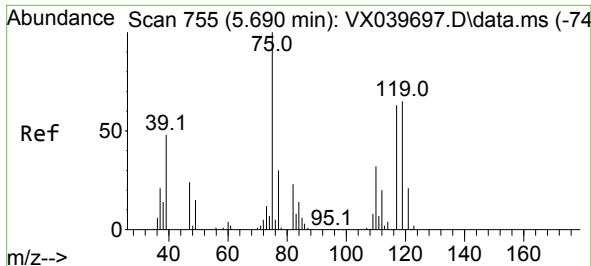
Tgt Ion:114 Resp: 175020
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.766 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

Tgt Ion:113 Resp: 55129
Ion Ratio Lower Upper
113 100
111 105.0 82.9 124.3
192 16.7 13.3 19.9

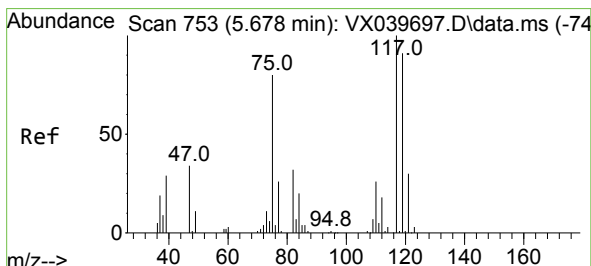
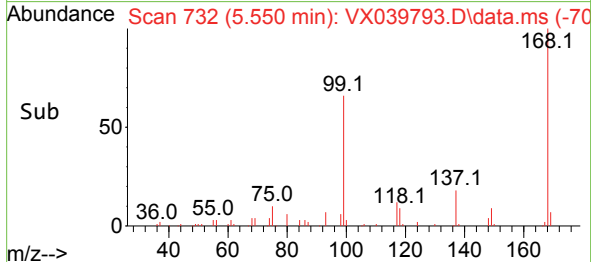
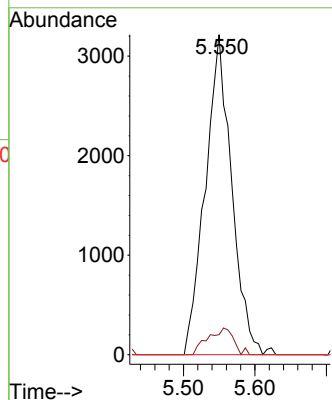
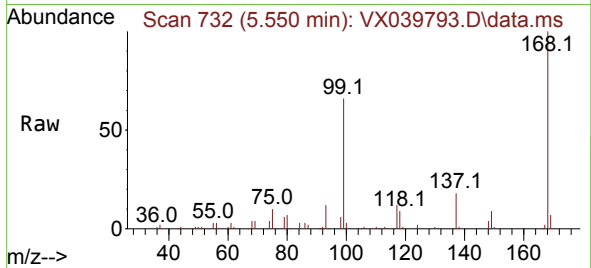




#36
1,1-Dichloropropene
Concen: 4.493 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

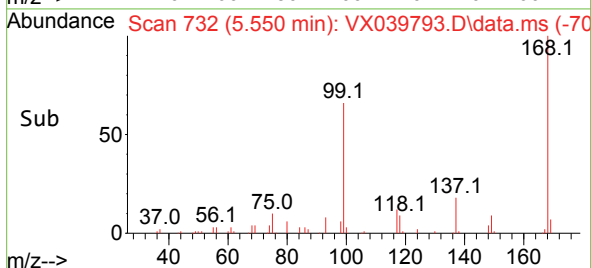
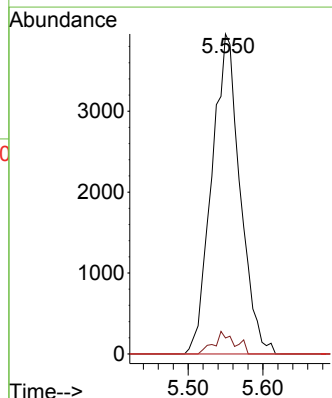
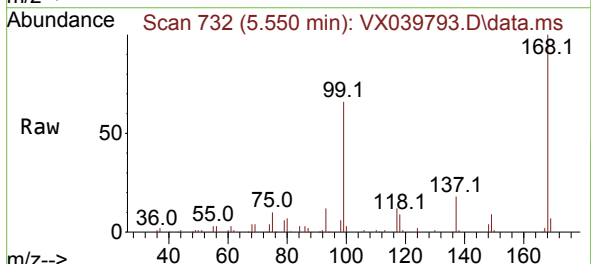
Instrument :
MSVOA_X
ClientSampleId :

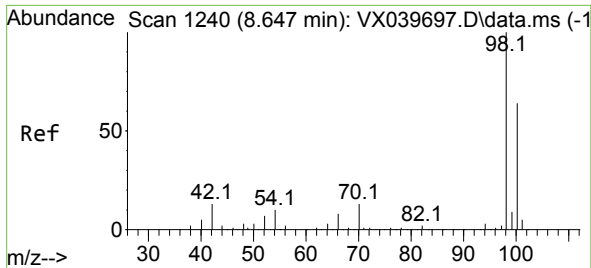
Tgt Ion: 75 Resp: 8244
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.205 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

Tgt Ion: 117 Resp: 10428
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#

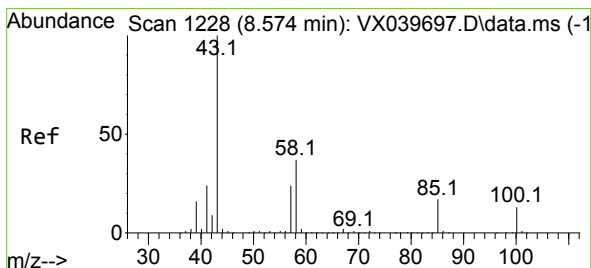
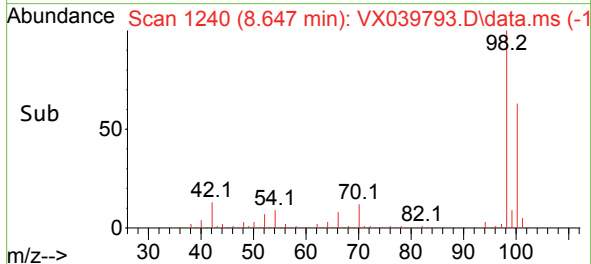
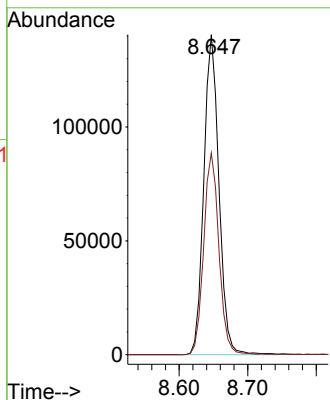
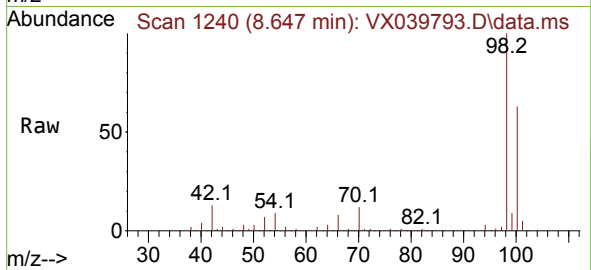




#50
Toluene-d8
Concen: 48.526 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

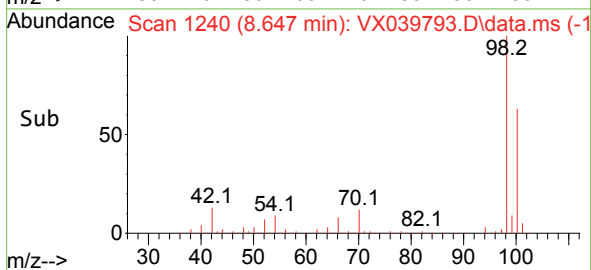
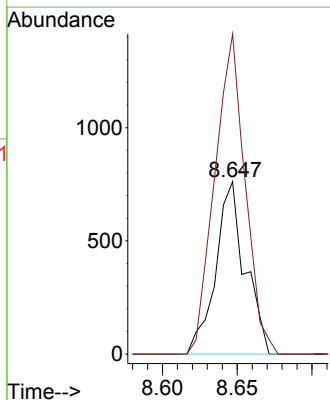
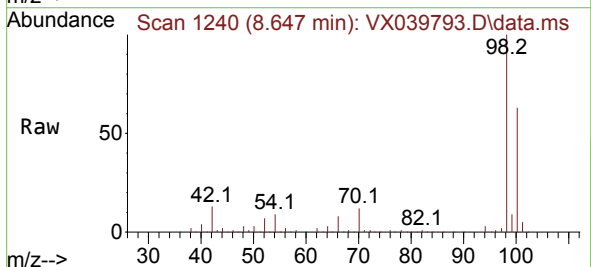
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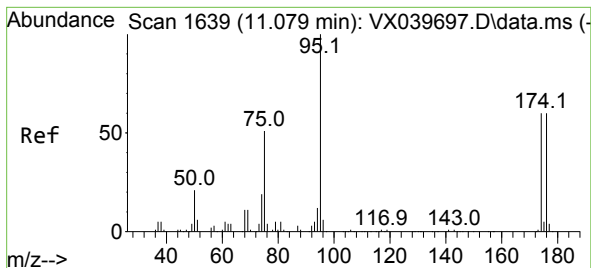
Tgt Ion: 98 Resp: 215750
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.422 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

Tgt Ion: 43 Resp: 1043
Ion Ratio Lower Upper
43 100
58 190.8 30.4 45.6#

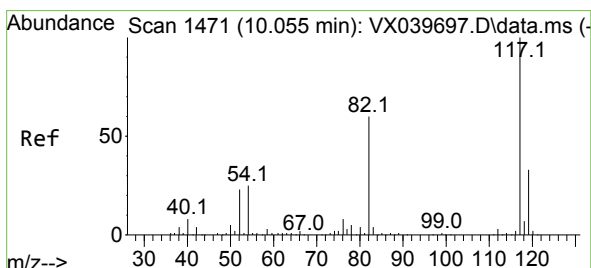
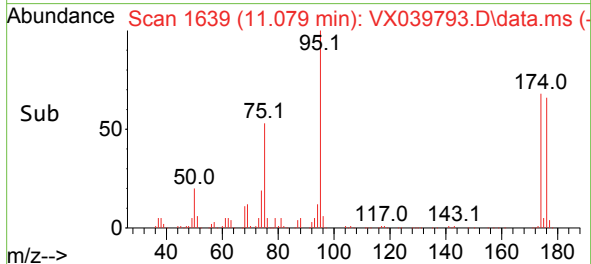
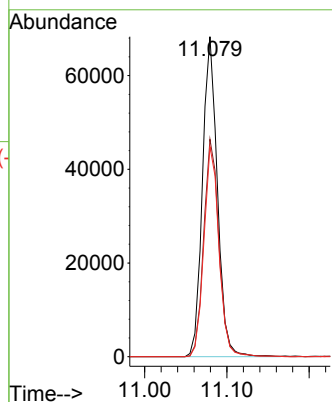
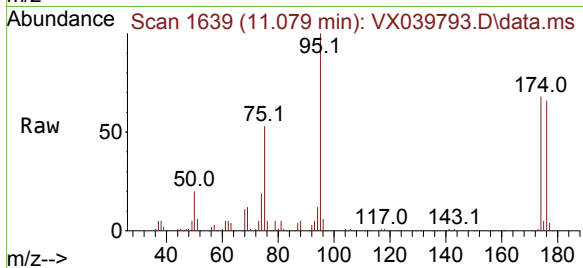




#62
4-Bromofluorobenzene
Concen: 49.432 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

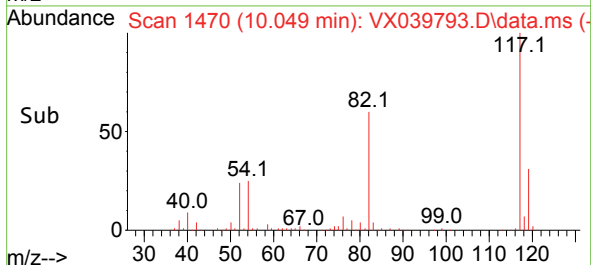
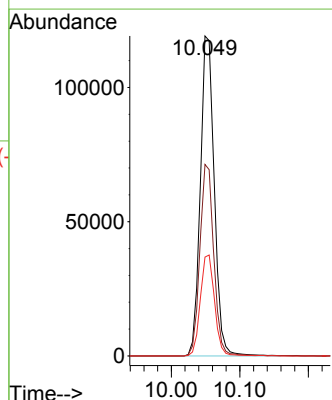
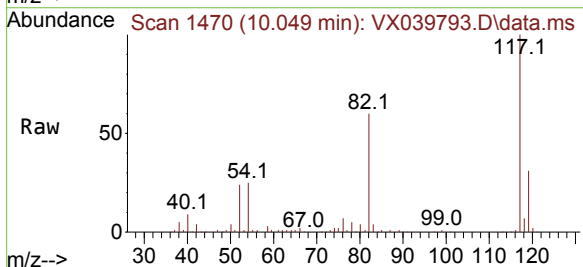
Instrument :
MSVOA_X
ClientSampleId :

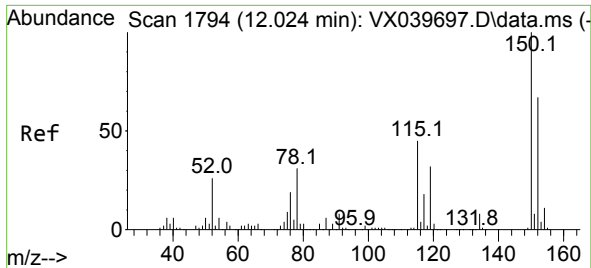
Tgt Ion: 95 Resp: 85943
Ion Ratio Lower Upper
95 100
174 69.9 0.0 135.6
176 66.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

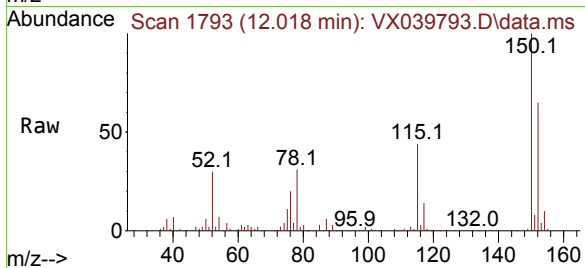
Tgt Ion: 117 Resp: 169141
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 30.9 25.5 38.3



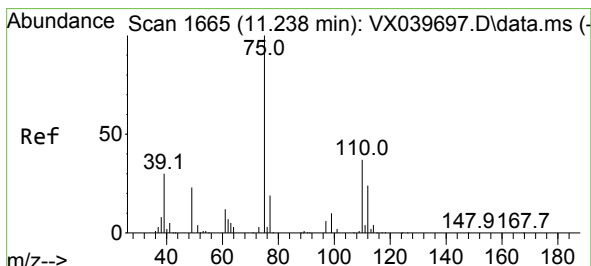
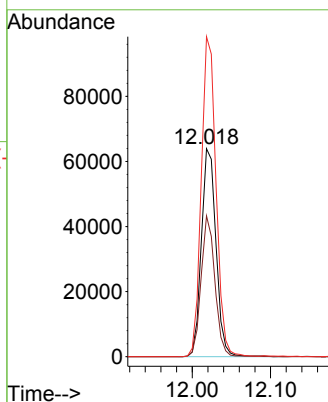
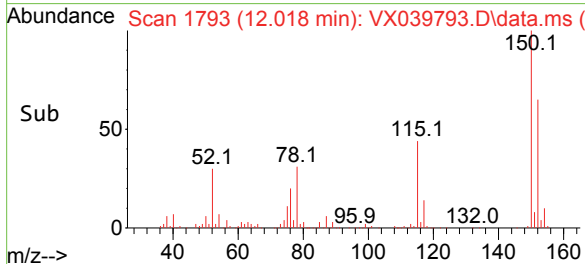


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :

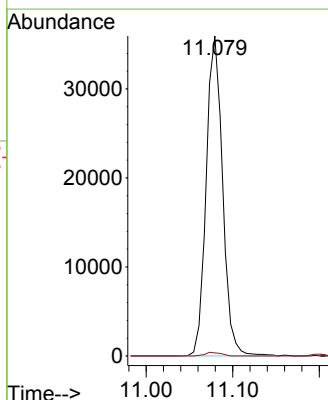
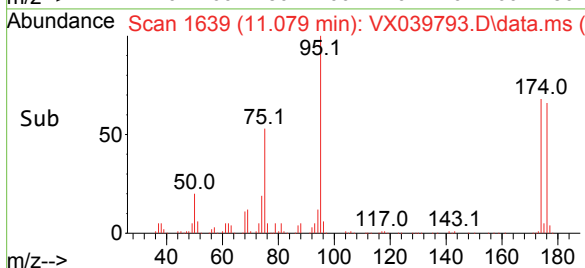
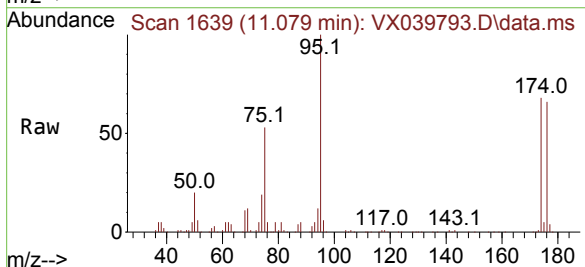


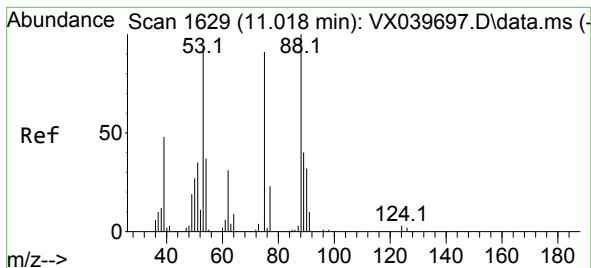
Tgt Ion:152 Resp: 82742
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 155.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.044 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

Tgt Ion: 75 Resp: 47289
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

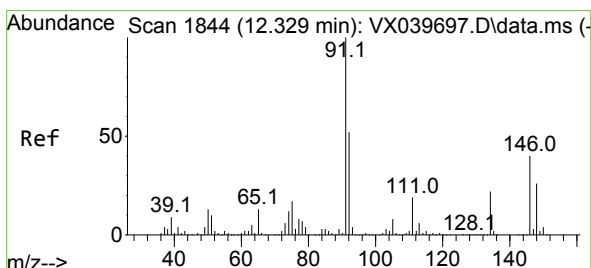
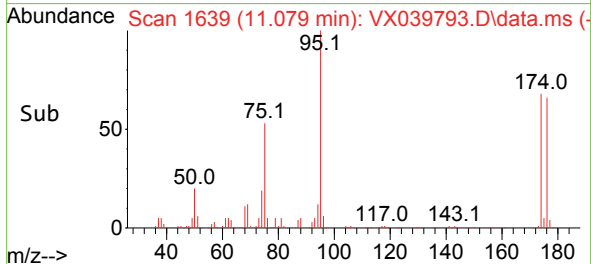
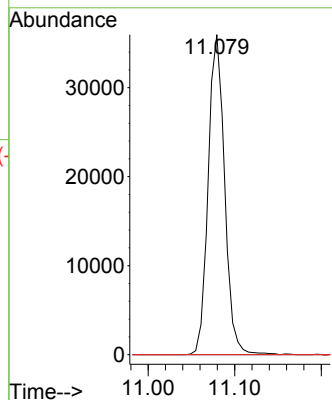
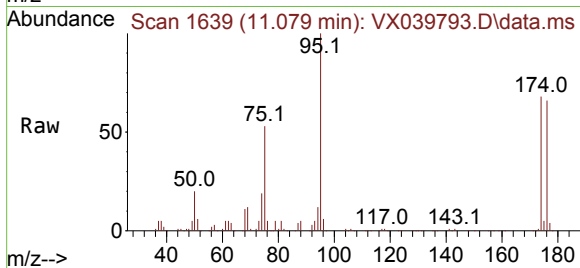




#81
trans-1,4-Dichloro-2-butene
Concen: 63.960 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

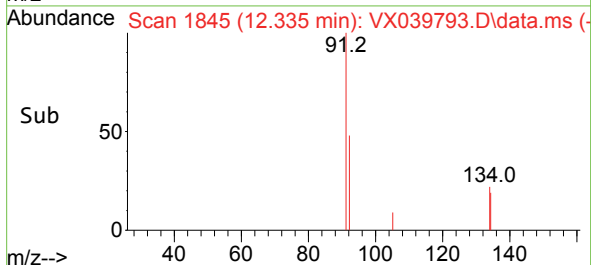
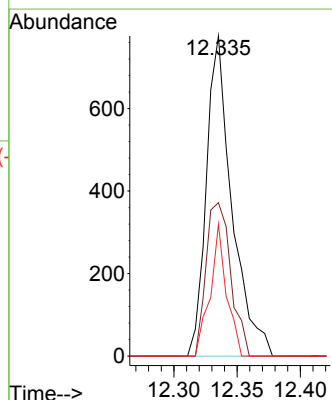
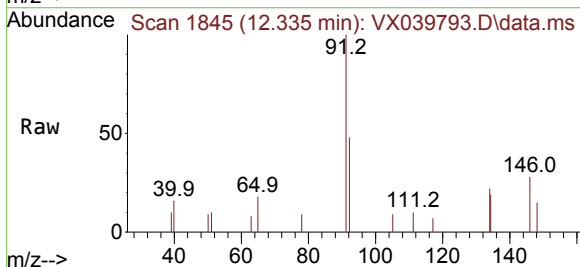
Instrument :
MSVOA_X
ClientSampleId :

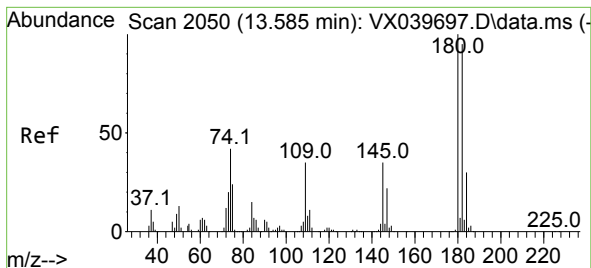
Tgt Ion: 75 Resp: 47289
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.203 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

Tgt Ion: 91 Resp: 1089
Ion Ratio Lower Upper
91 100
92 46.5 27.4 82.0
134 26.5 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.308 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039793.D

Acq: 17 Jan 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

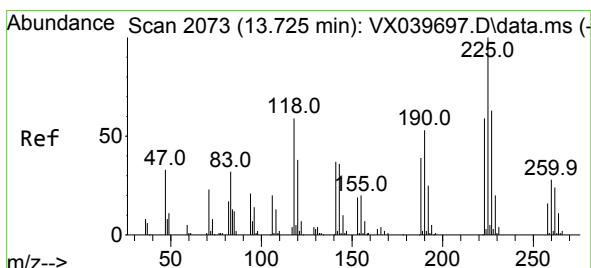
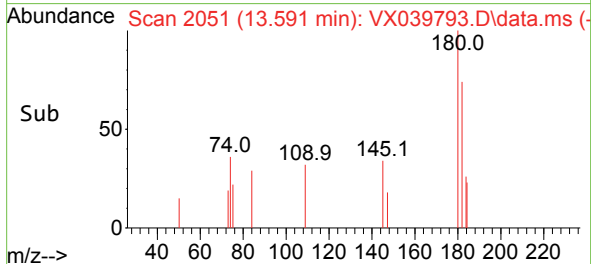
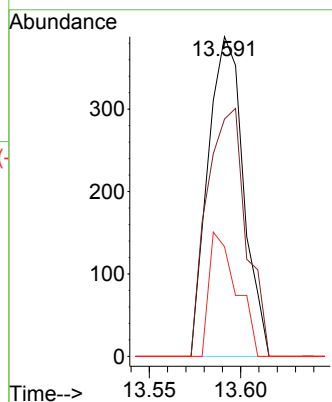
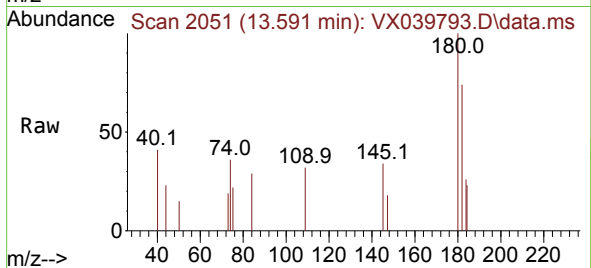
Tgt Ion:180 Resp: 523

Ion Ratio Lower Upper

180 100

182 85.5 48.3 144.8

145 30.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.317 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039793.D

Acq: 17 Jan 2024 11:45

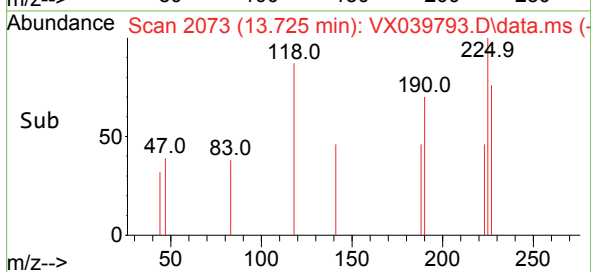
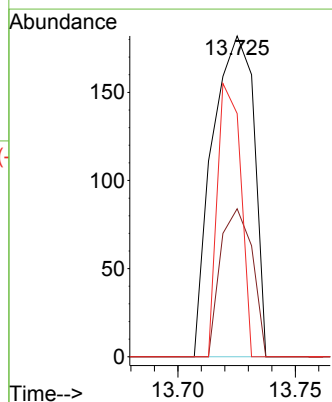
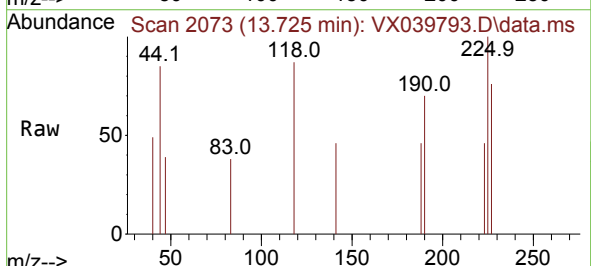
Tgt Ion:225 Resp: 224

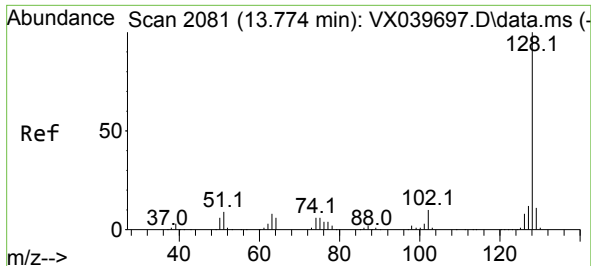
Ion Ratio Lower Upper

225 100

223 35.3 31.1 93.2

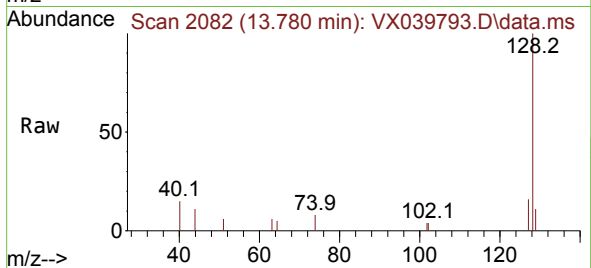
227 47.8 32.5 97.5



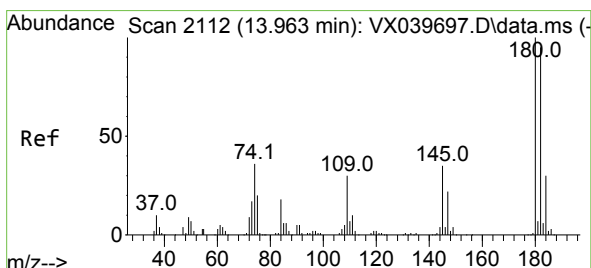
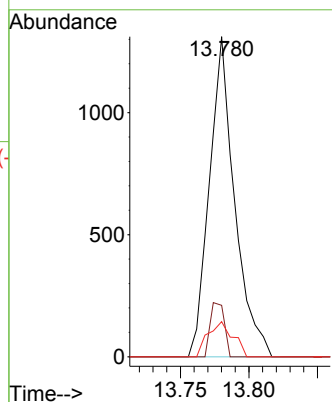


#95
Naphthalene
Concen: 0.268 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 1677
Ion Ratio Lower Upper
128 100
127 9.4 10.3 15.5#
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.302 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX039793.D
Acq: 17 Jan 2024 11:45

Tgt Ion:180 Resp: 517
Ion Ratio Lower Upper
180 100
182 81.8 46.9 140.6
145 32.9 17.8 53.5

