

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
 Data File : VX039766.D
 Acq On : 16 Jan 2024 12:04
 Operator : JC/MD
 Sample : VX0116WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 01:45:14 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)

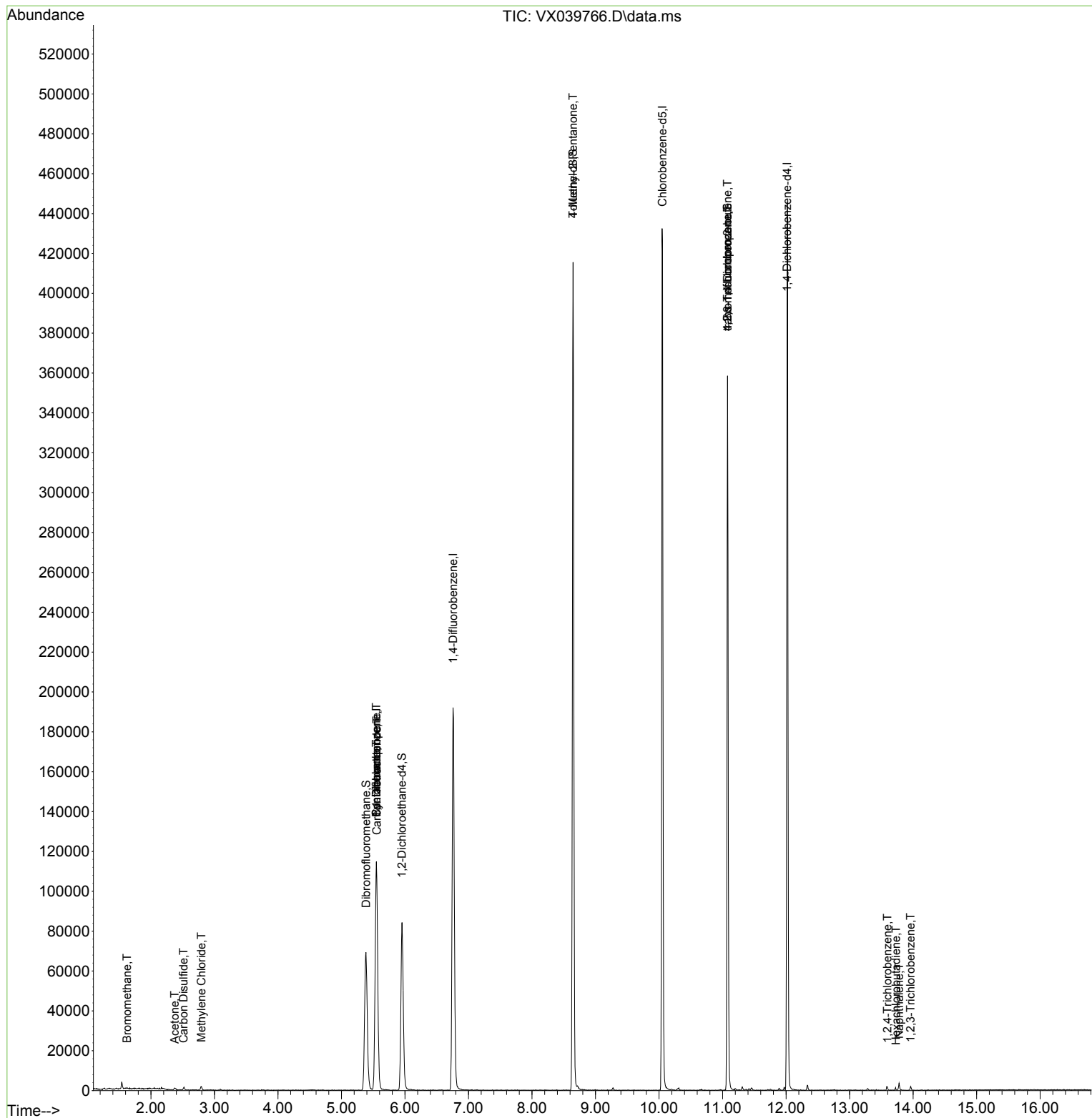
Internal Standards						
1) Pentafluorobenzene	5.550	168	100986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	190542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78284	46.276	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.560%
35) Dibromofluoromethane	5.385	113	60712	47.306	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.620%
50) Toluene-d8	8.647	98	238068	49.184	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.360%
62) 4-Bromofluorobenzene	11.079	95	95293	50.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	210	0.261	ug/l	92
16) Acetone	2.374	43	1105	1.161	ug/l #	77
17) Carbon Disulfide	2.514	76	935	0.268	ug/l #	90
20) Methylene Chloride	2.794	84	828	0.575	ug/l #	87
31) Cyclohexane	5.550	56	2738	1.226	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	9199	4.605	ug/l #	51
38) Carbon Tetrachloride	5.556	117	11111	6.073	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1218	0.452	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52120	23.150	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52120	66.801	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	627	0.352	ug/l	83
94) Hexachlorobutadiene	13.731	225	259	0.349	ug/l	90
95) Naphthalene	13.780	128	2301	0.351	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.963	180	576	0.320	ug/l	93

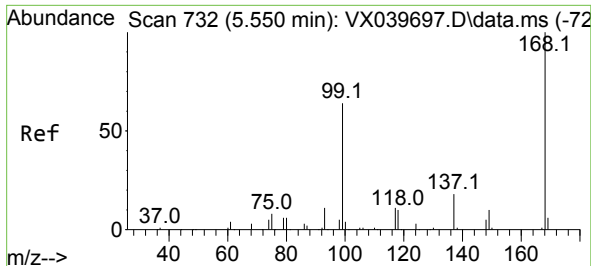
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 17 01:45:14 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

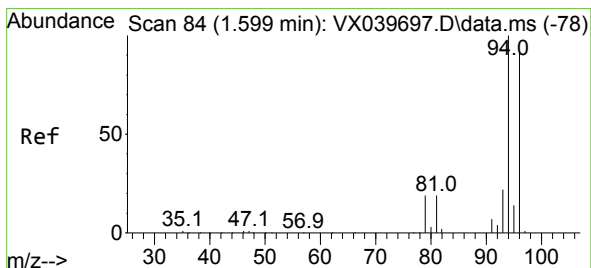
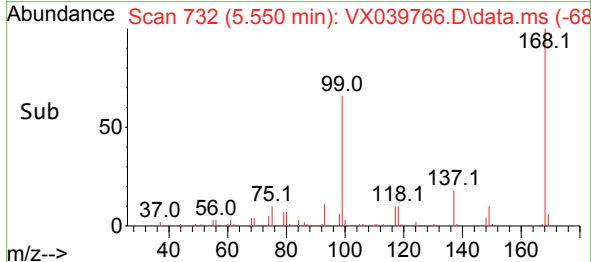
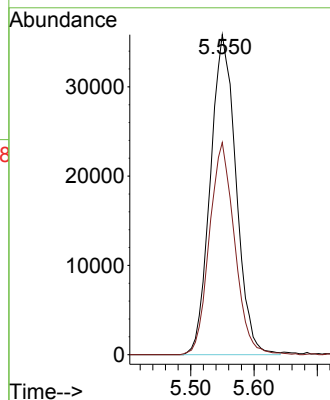
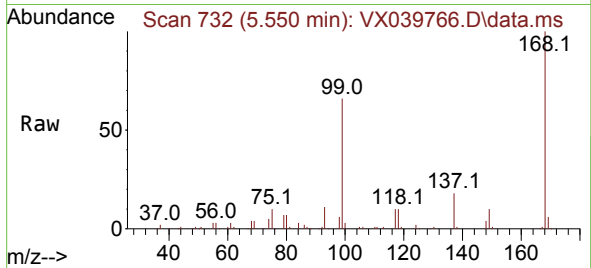




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

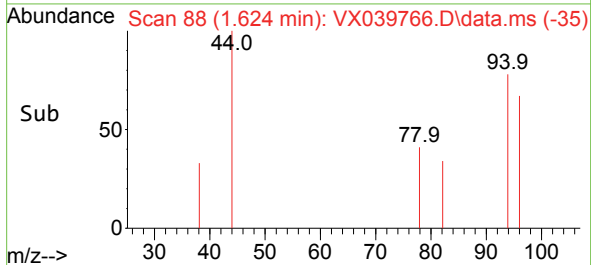
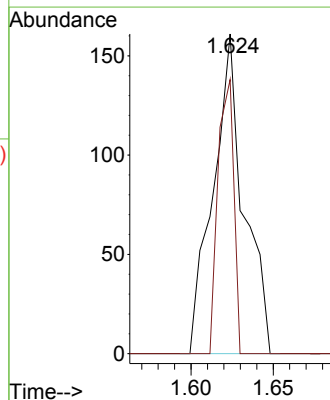
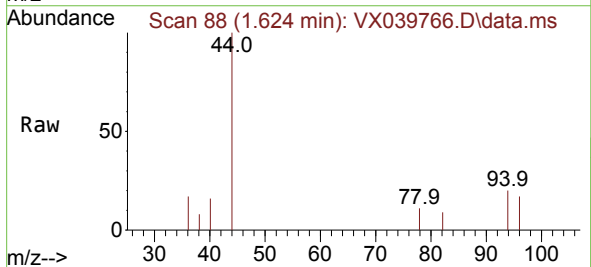
Instrument :
MSVOA_X
ClientSampleId :

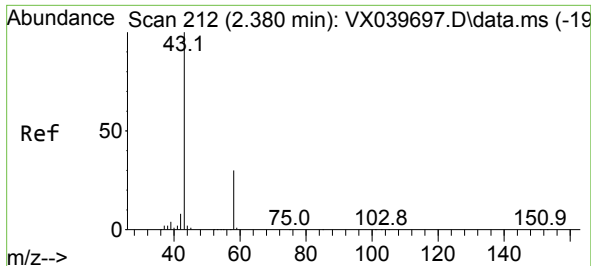
Tgt Ion:168 Resp: 100986
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#5
Bromomethane
Concen: 0.261 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 85.7 74.6 111.8

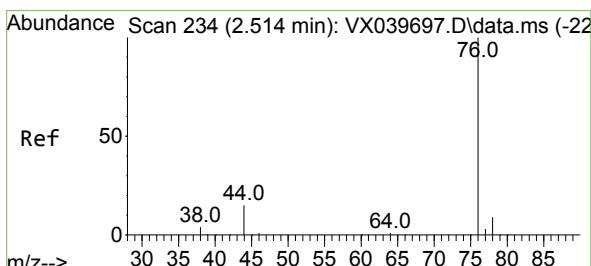
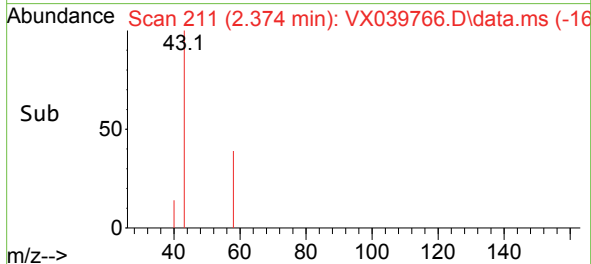
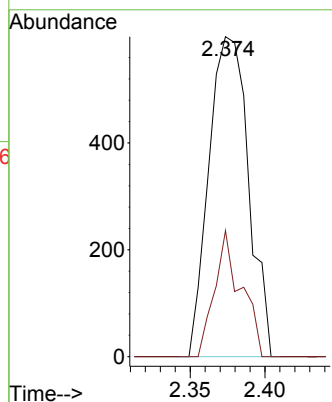
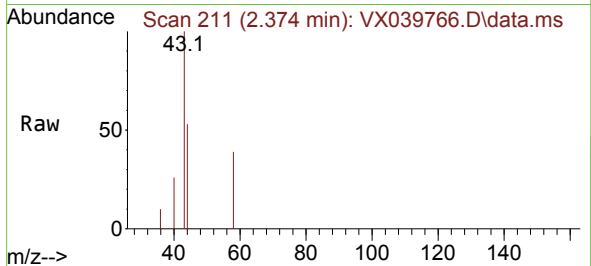




#16
Acetone
Concen: 1.161 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

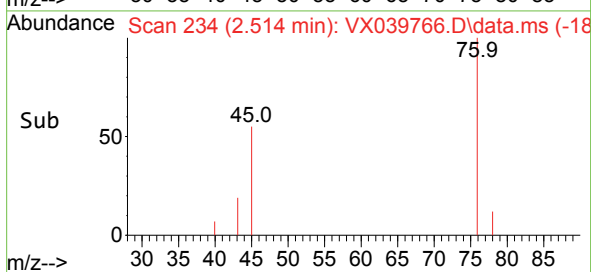
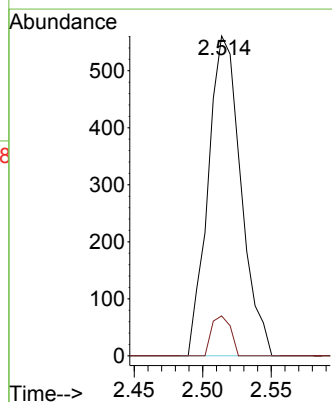
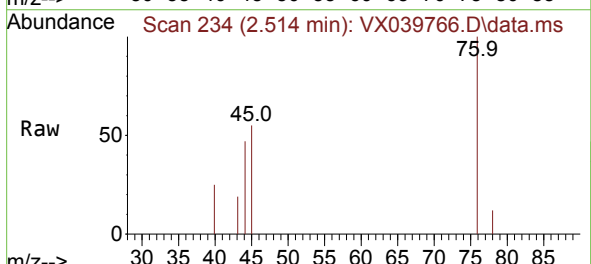
Instrument :
MSVOA_X
ClientSampleId :

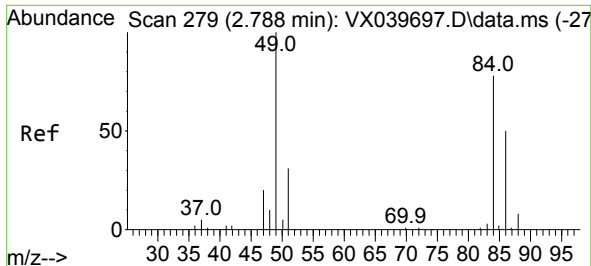
Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
58 39.4 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.268 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

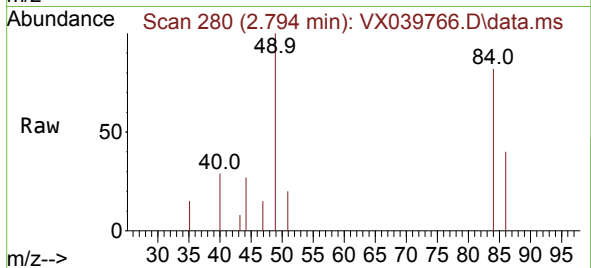
Tgt Ion: 76 Resp: 935
Ion Ratio Lower Upper
76 100
78 12.5 7.0 10.6#





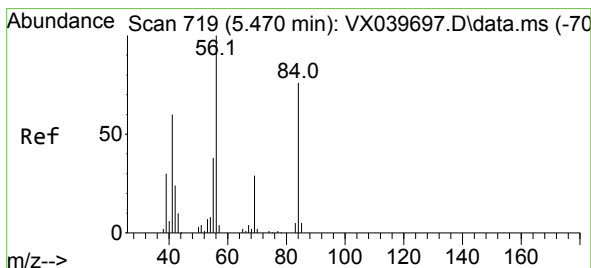
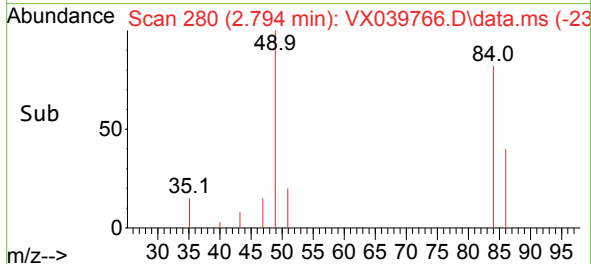
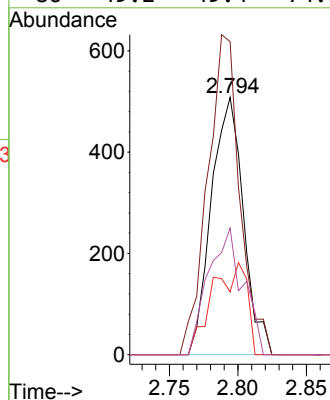
#20
Methylene Chloride
Concen: 0.575 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 828

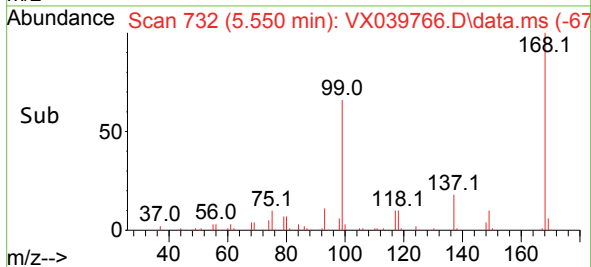
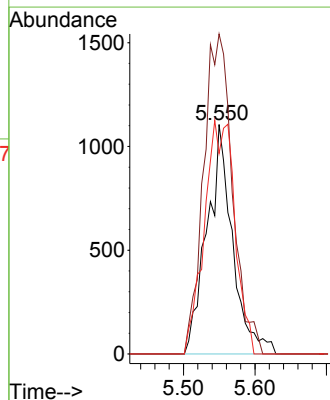
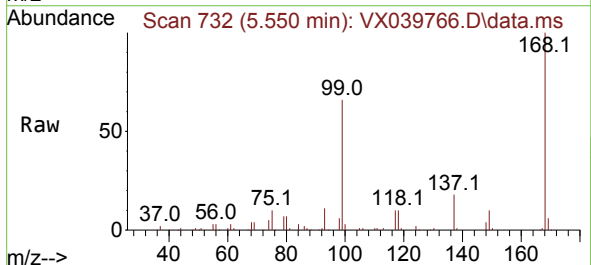
Ion	Ratio	Lower	Upper
84	100		
49	121.7	103.6	155.4
51	24.4	33.8	50.6#
86	49.2	49.4	74.0#

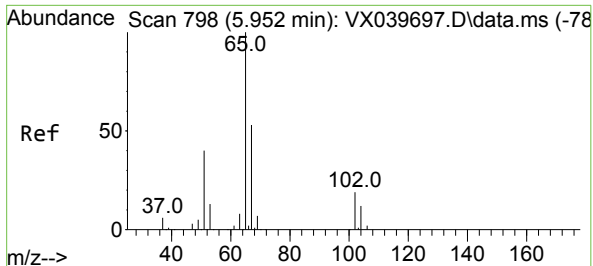


#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

Tgt Ion: 56 Resp: 2738

Ion	Ratio	Lower	Upper
56	100		
69	139.4	23.4	35.2#
84	87.3	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 46.276 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039766.D

Acq: 16 Jan 2024 12:04

Instrument :

MSVOA_X

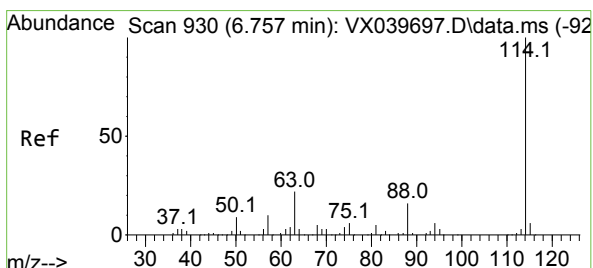
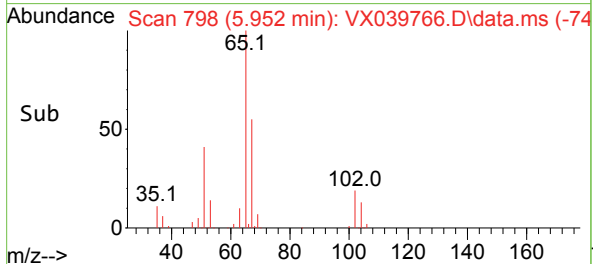
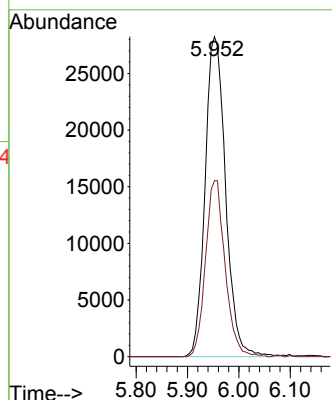
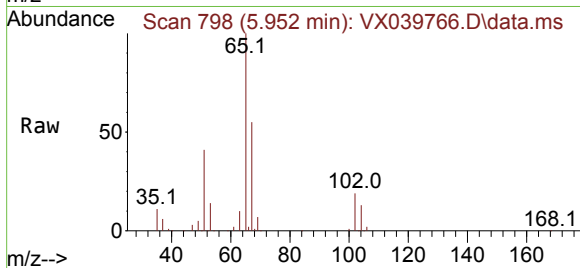
ClientSampleId :

Tgt Ion: 65 Resp: 78284

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039766.D

Acq: 16 Jan 2024 12:04

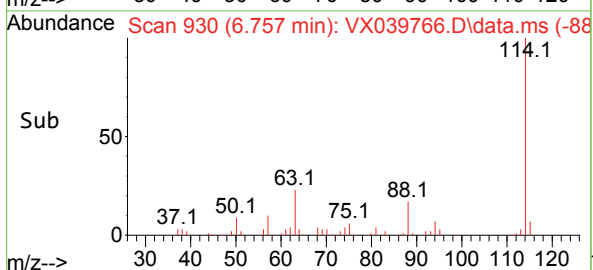
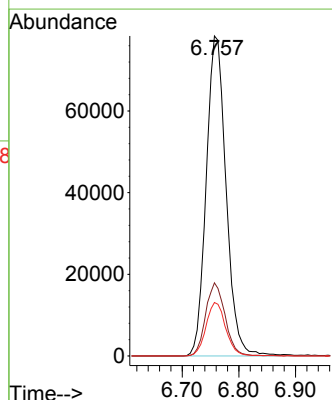
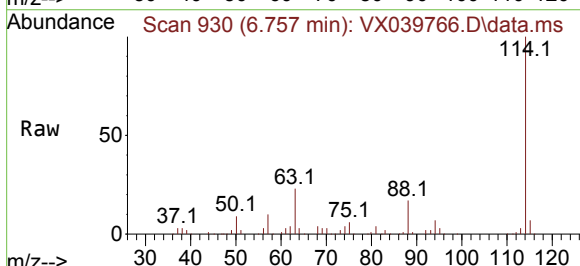
Tgt Ion: 114 Resp: 190542

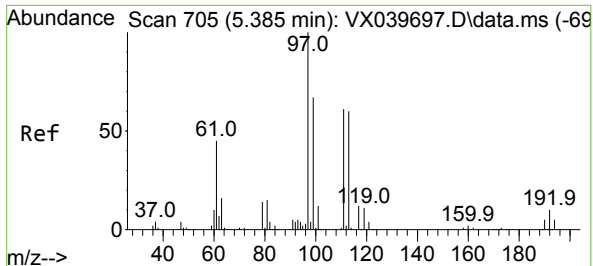
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.306 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

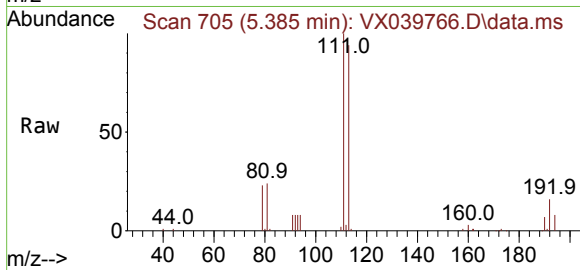
Lab File: VX039766.D

Acq: 16 Jan 2024 12:04

Instrument :

MSVOA_X

ClientSampleId :



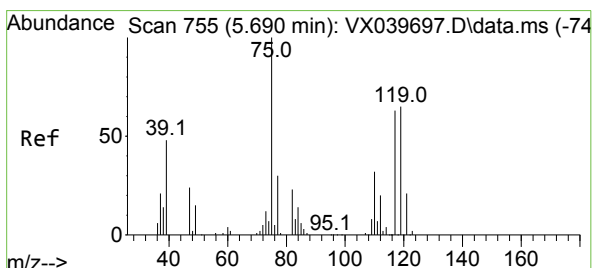
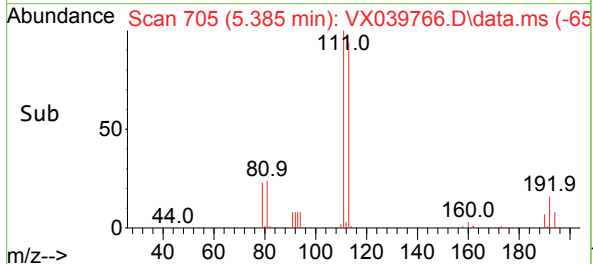
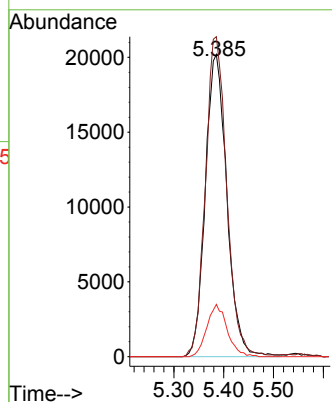
Tgt Ion:113 Resp: 60712

Ion Ratio Lower Upper

113 100

111 104.2 82.9 124.3

192 16.4 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.605 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX039766.D

Acq: 16 Jan 2024 12:04

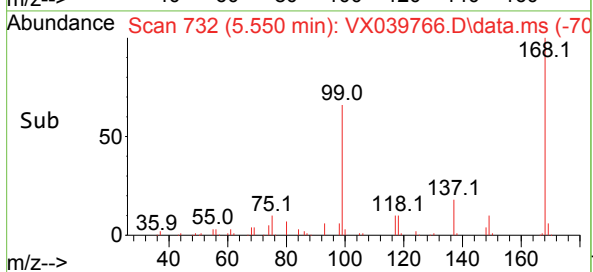
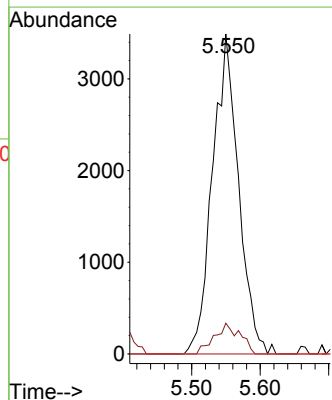
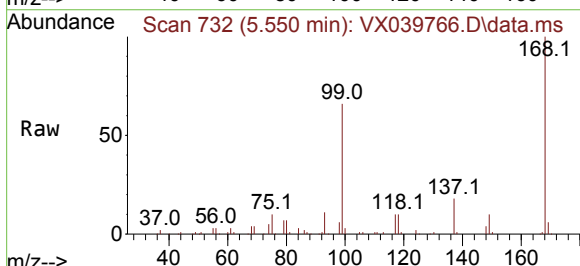
Tgt Ion: 75 Resp: 9199

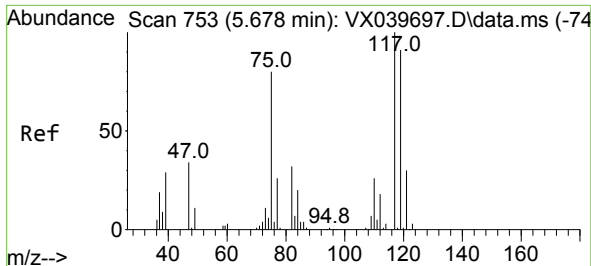
Ion Ratio Lower Upper

75 100

110 9.4 17.0 50.9#

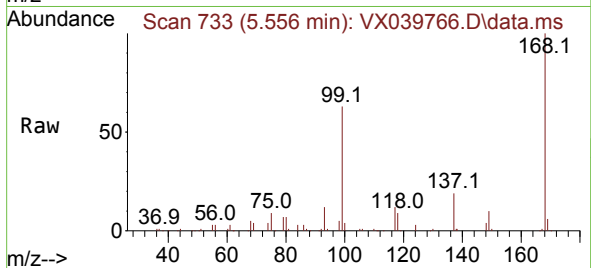
77 0.0 24.7 37.1#



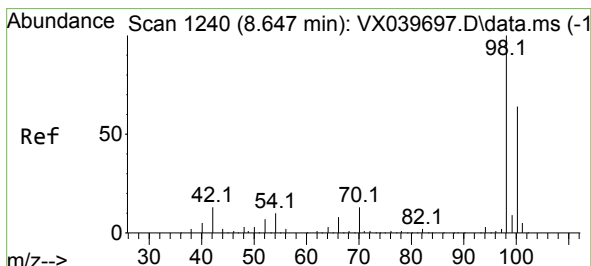
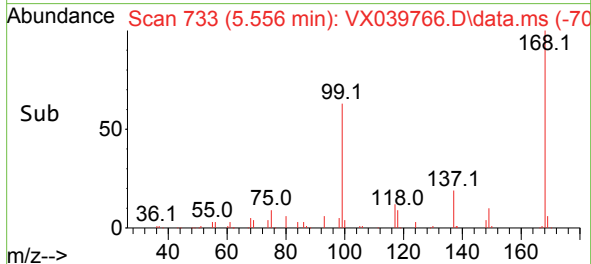
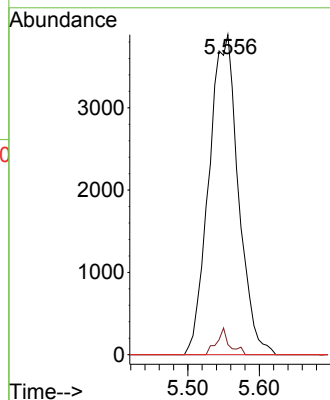


#38
Carbon Tetrachloride
Concen: 6.073 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

Instrument :
MSVOA_X
ClientSampleId :

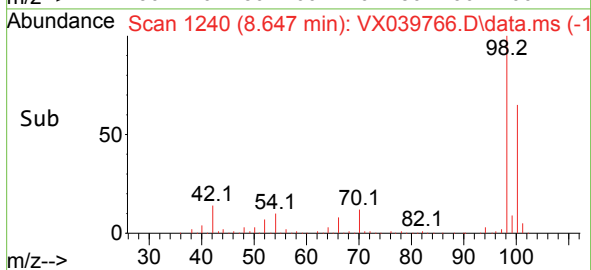
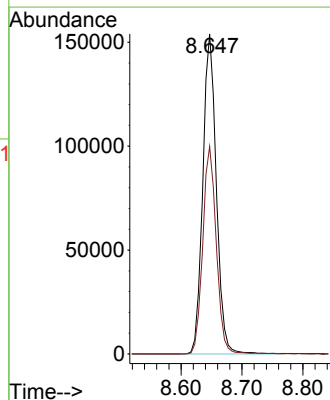
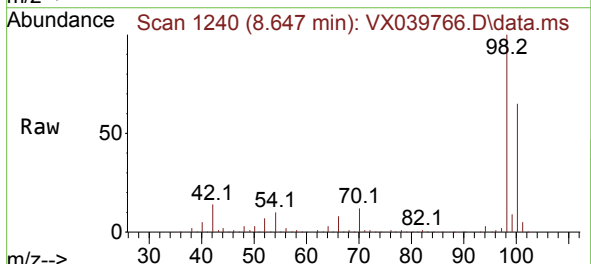


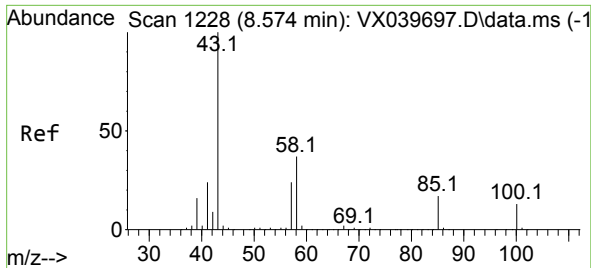
Tgt Ion:117 Resp: 11111
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.184 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

Tgt Ion: 98 Resp: 238068
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

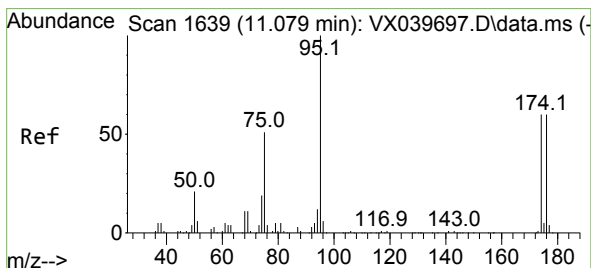
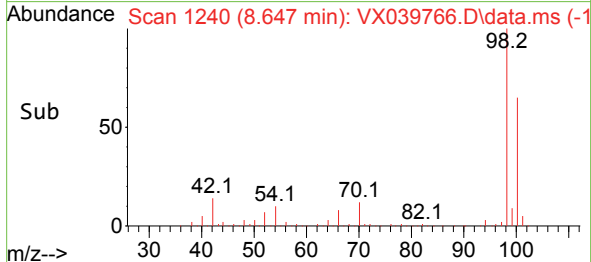
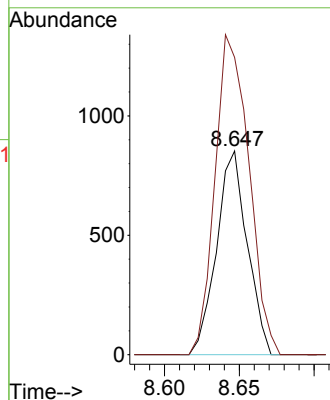
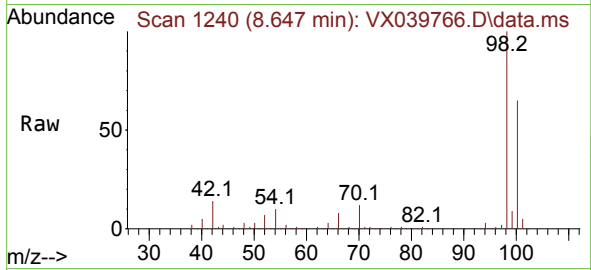




#51
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

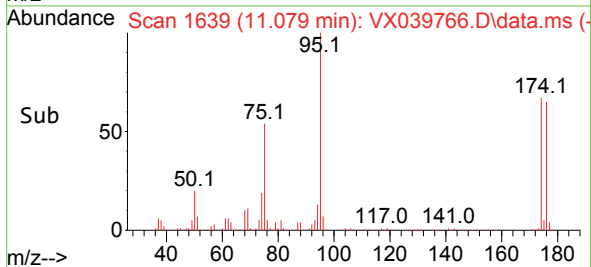
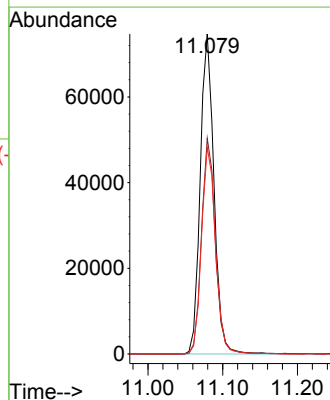
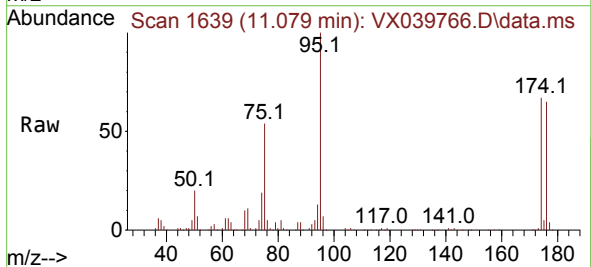
Instrument :
MSVOA_X
ClientSampleId :

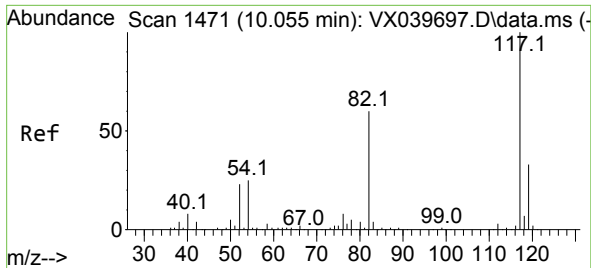
Tgt Ion: 43 Resp: 1218
Ion Ratio Lower Upper
43 100
58 173.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

Tgt Ion: 95 Resp: 95293
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.6
176 65.9 0.0 131.0

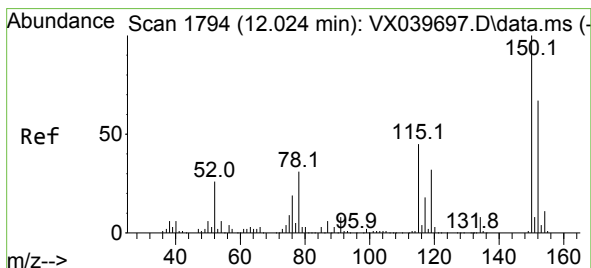
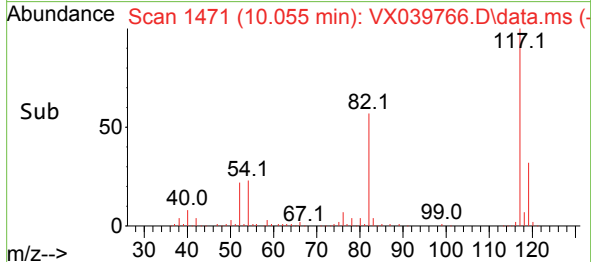
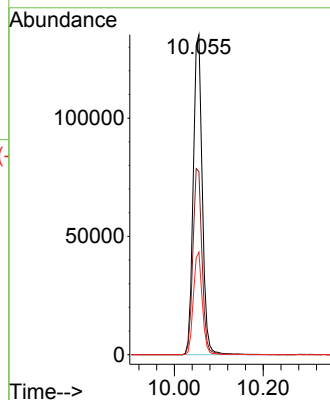
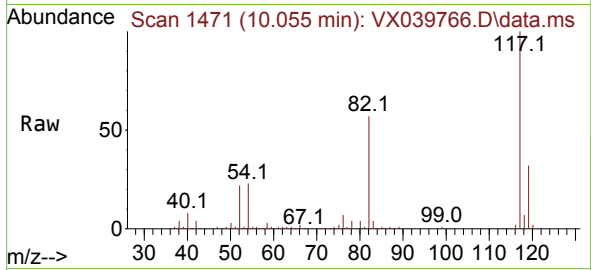




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

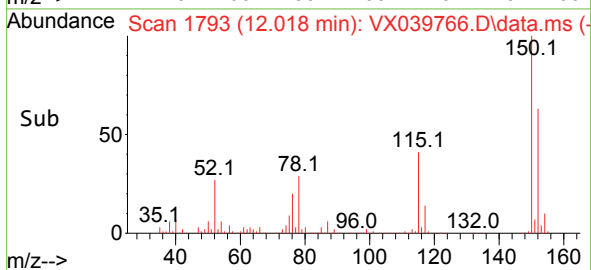
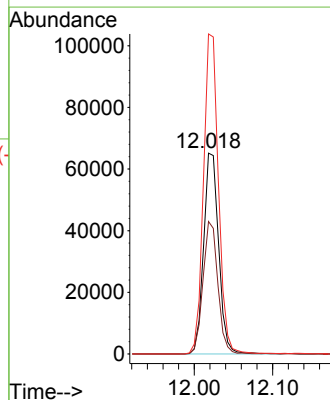
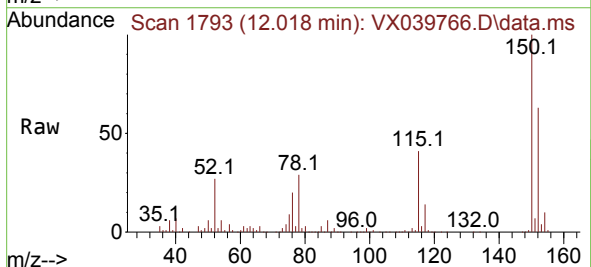
Instrument :
MSVOA_X
ClientSampleId :

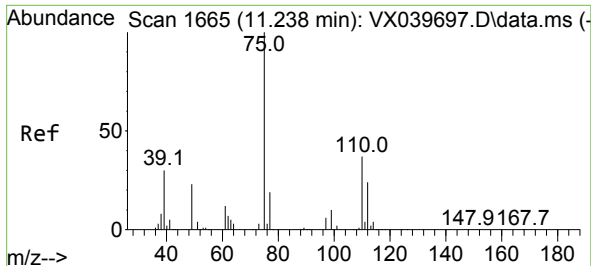
Tgt Ion:117 Resp: 189750
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

Tgt Ion:152 Resp: 86839
Ion Ratio Lower Upper
152 100
115 65.2 43.3 129.9
150 158.6 0.0 345.0

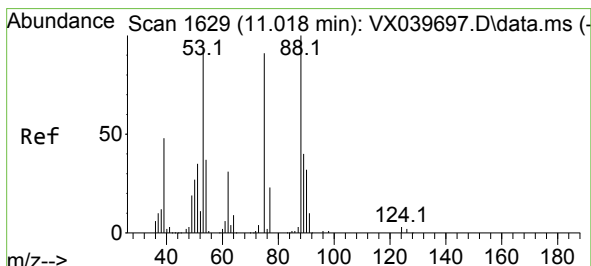
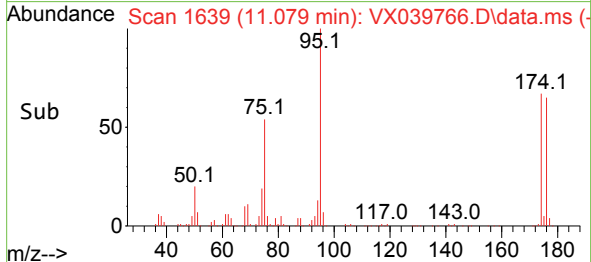
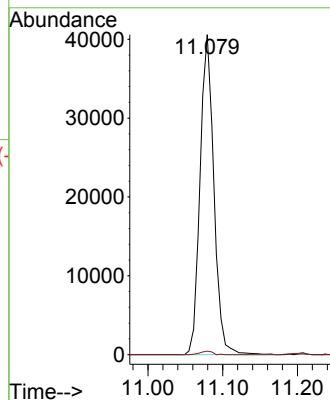
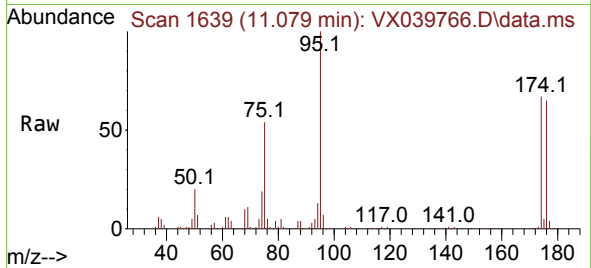




#76
1,2,3-Trichloropropane
Concen: 23.150 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

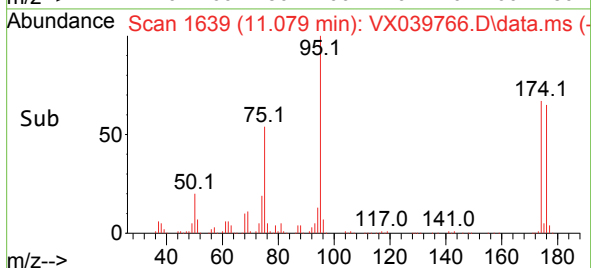
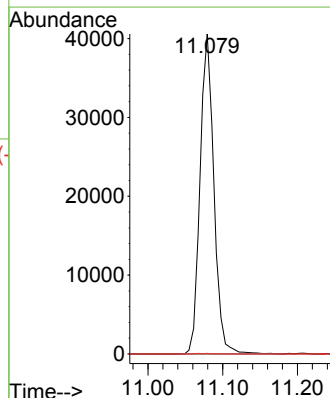
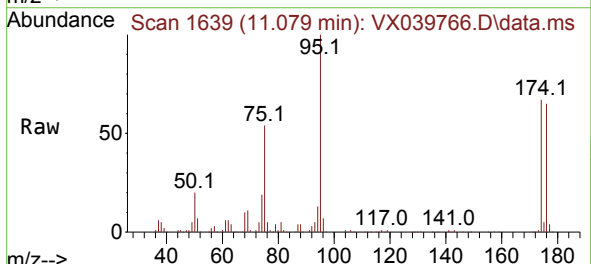
Instrument :
MSVOA_X
ClientSampleId :

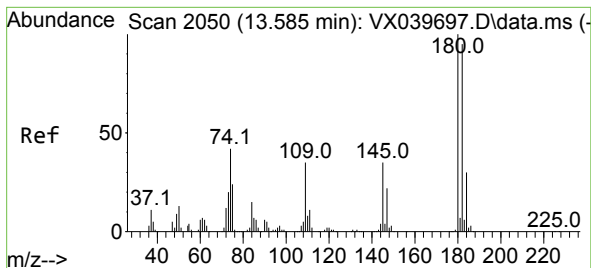
Tgt Ion: 75 Resp: 52120
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.801 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

Tgt Ion: 75 Resp: 52120
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.352 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX039766.D

Acq: 16 Jan 2024 12:04

Instrument :

MSVOA_X

ClientSampleId :

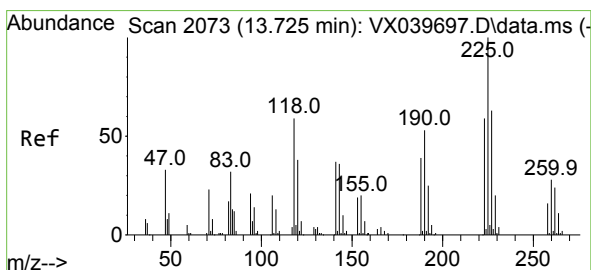
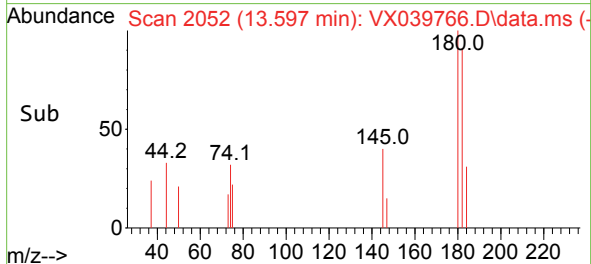
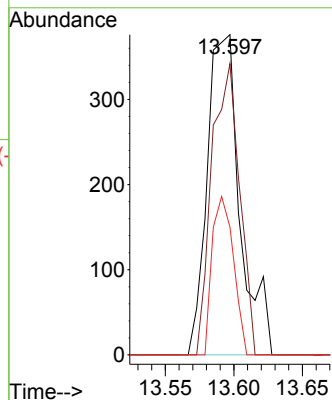
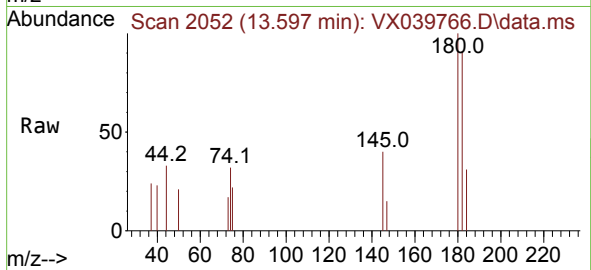
Tgt Ion:180 Resp: 627

Ion Ratio Lower Upper

180 100

182 76.7 48.3 144.8

145 32.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.349 ug/l

RT: 13.731 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VX039766.D

Acq: 16 Jan 2024 12:04

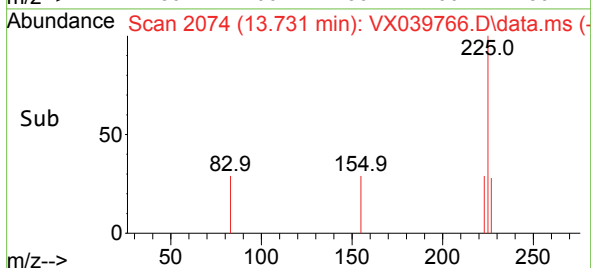
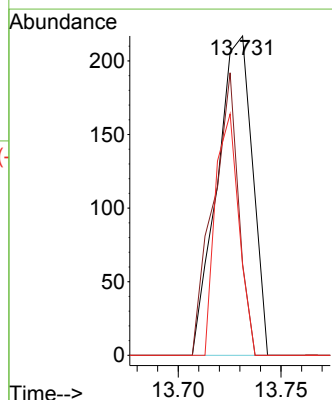
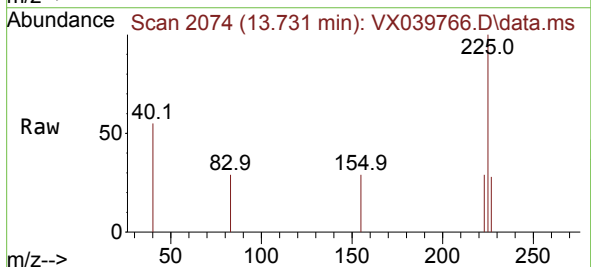
Tgt Ion:225 Resp: 259

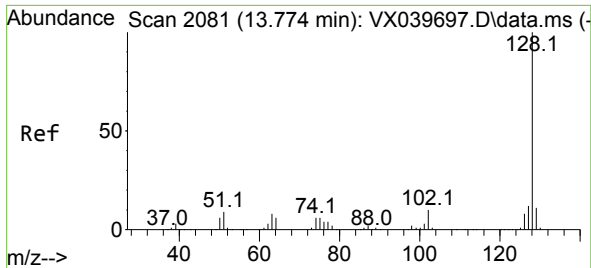
Ion Ratio Lower Upper

225 100

223 63.3 31.1 93.2

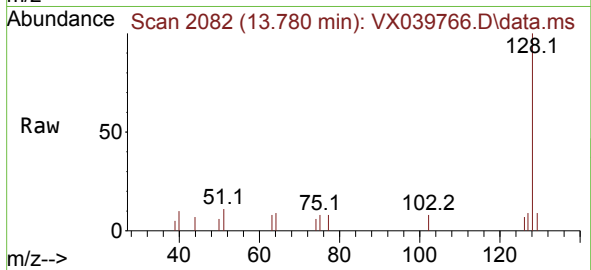
227 50.6 32.5 97.5



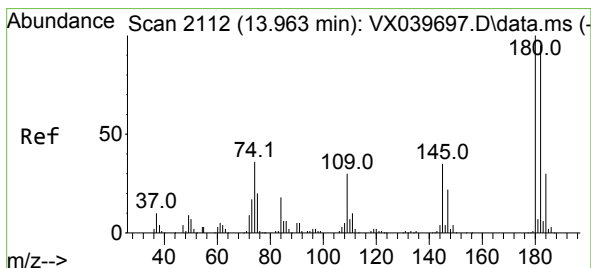
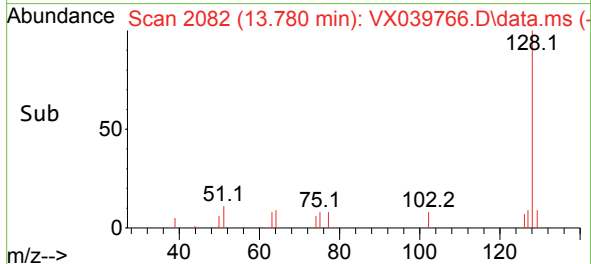
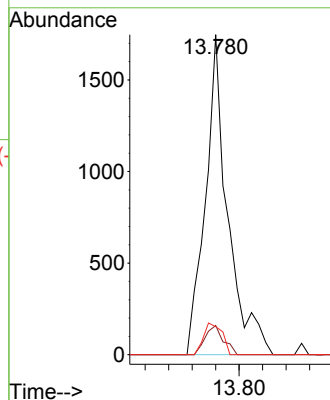


#95
Naphthalene
Concen: 0.351 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 2301
Ion Ratio Lower Upper
128 100
127 7.5 10.3 15.5#
129 8.2 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.320 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX039766.D
Acq: 16 Jan 2024 12:04

Tgt Ion:180 Resp: 576
Ion Ratio Lower Upper
180 100
182 98.1 46.9 140.6
145 27.8 17.8 53.5

