

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039811.D
 Acq On : 18 Jan 2024 12:23
 Operator : JC/MD
 Sample : P1150-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MR-306-0-2

Quant Time: Jan 19 00:38:29 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)

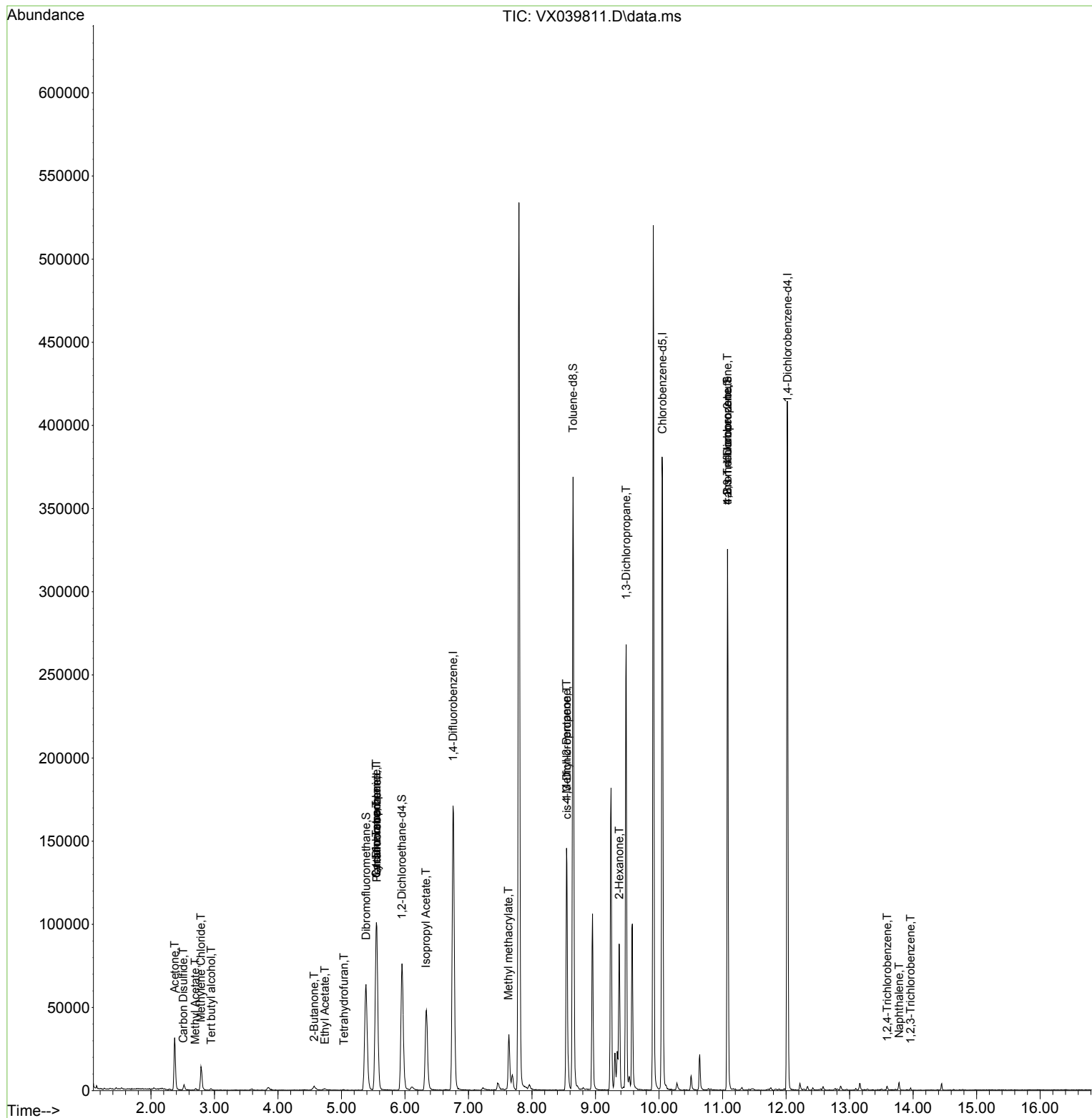
Internal Standards						
1) Pentafluorobenzene	5.556	168	89843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	171143	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71492	47.503	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.000%		
35) Dibromofluoromethane	5.385	113	54214	47.031	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.060%		
50) Toluene-d8	8.647	98	212096	48.785	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.580%		
62) 4-Bromofluorobenzene	11.079	95	83101	48.880	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.760%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	852	2.175	ug/l #	85
16) Acetone	2.373	43	33247	39.280	ug/l	90
17) Carbon Disulfide	2.508	76	701	0.226	ug/l #	76
18) Methyl Acetate	2.697	43	1291	0.729	ug/l #	84
20) Methylene Chloride	2.788	84	6255	4.886	ug/l	95
25) 2-Butanone	4.568	43	3216	2.644	ug/l #	89
29) Tetrahydrofuran	5.038	42	301	0.384	ug/l #	45
31) Cyclohexane	5.550	56	2358	1.187	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	8177	4.557	ug/l #	51
37) Ethyl Acetate	4.739	43	2342	0.978	ug/l #	81
38) Carbon Tetrachloride	5.550	117	9689	5.896	ug/l #	17
43) Isopropyl Acetate	6.330	43	68963	19.640	ug/l	99
48) Methyl methacrylate	7.629	41	2195	1.272	ug/l #	51
51) 4-Methyl-2-Pentanone	8.543	43	53723	22.215	ug/l #	52
54) cis-1,3-Dichloropropene	8.549	75	21377	10.508	ug/l #	61
57) 1,3-Dichloropropane	9.482	76	2232	1.019	ug/l #	42
59) 2-Hexanone	9.372	43	62621	32.717	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	46098	22.005	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	46098	63.859	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	426	0.257	ug/l	95
95) Naphthalene	13.780	128	2796	0.458	ug/l #	97
96) 1,2,3-Trichlorobenzene	13.963	180	362	0.216	ug/l #	80

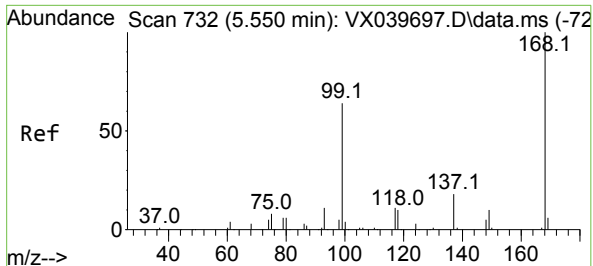
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
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ClientSampleId :
MR-306-0-2

Quant Time: Jan 19 00:38:29 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

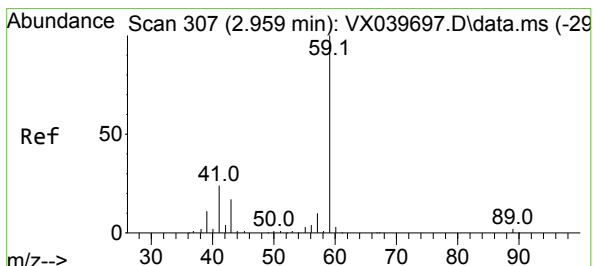
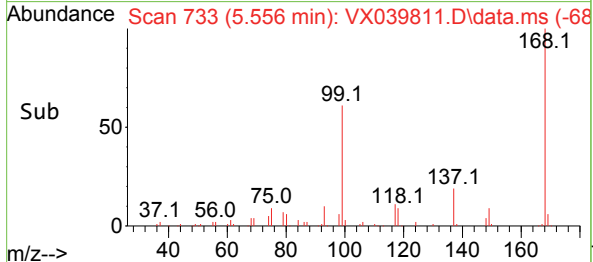
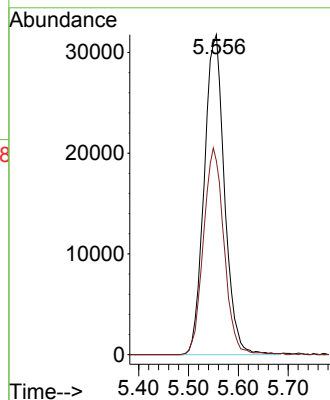
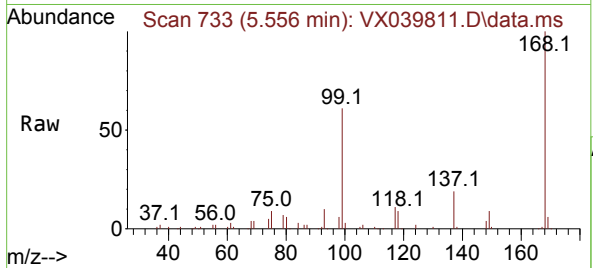




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

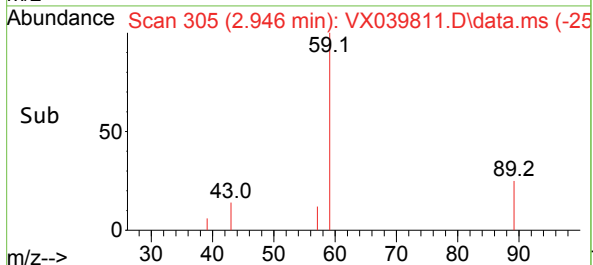
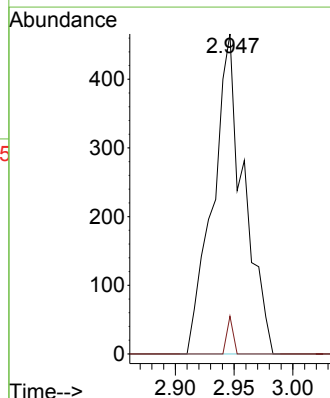
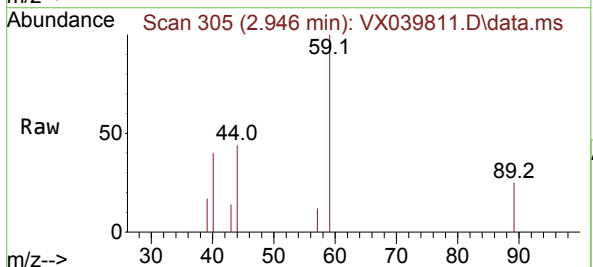
Instrument :
MSVOA_X
ClientSampleId :
MR-306-0-2

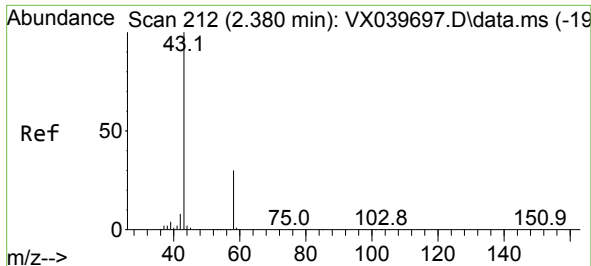
Tgt Ion:168 Resp: 89843
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.175 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

Tgt Ion: 59 Resp: 852
Ion Ratio Lower Upper
59 100
57 2.3 6.0 9.0#

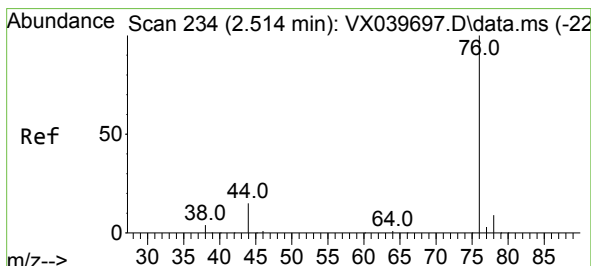
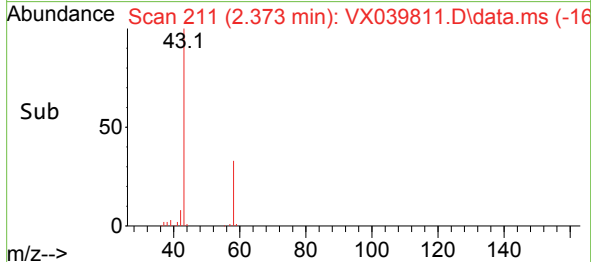
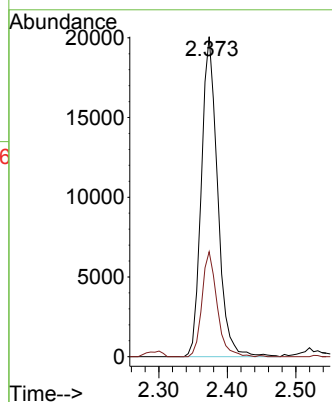
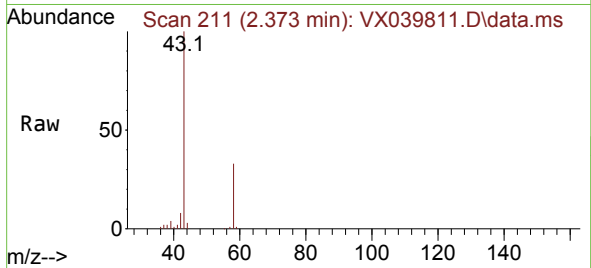




#16
Acetone
Concen: 39.280 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

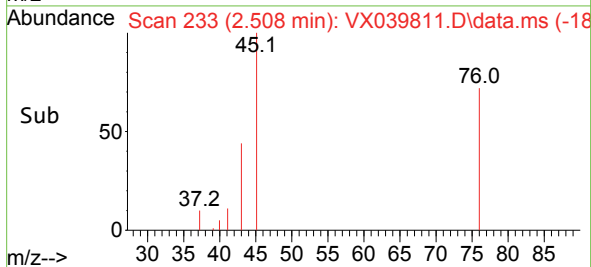
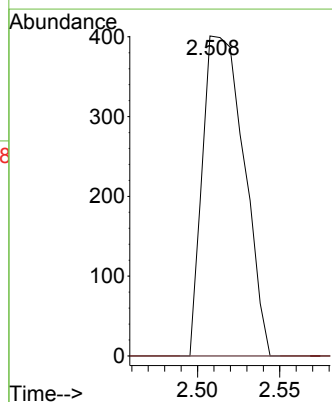
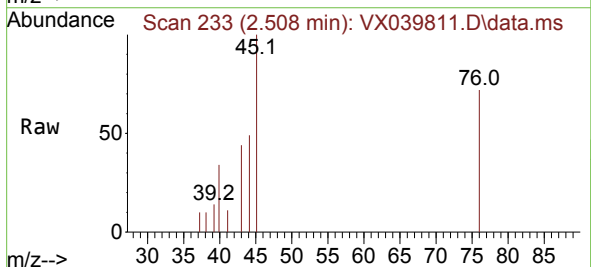
Instrument :
MSVOA_X
ClientSampleId :
MR-306-0-2

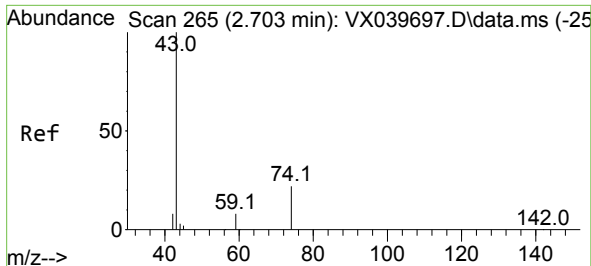
Tgt Ion: 43 Resp: 33247
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9



#17
Carbon Disulfide
Concen: 0.226 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

Tgt Ion: 76 Resp: 701
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

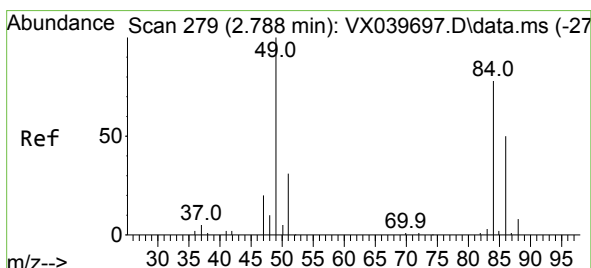
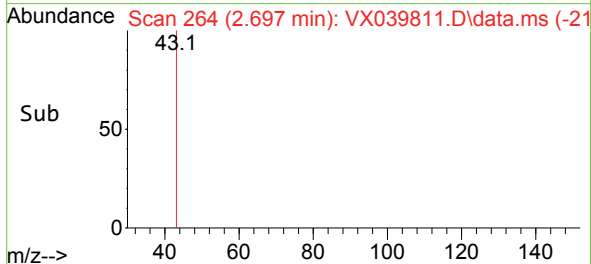
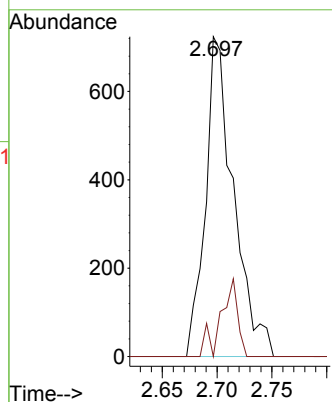
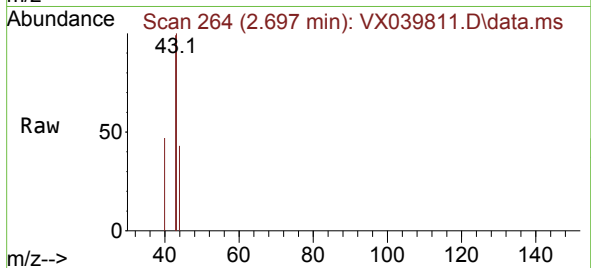




#18
Methyl Acetate
Concen: 0.729 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

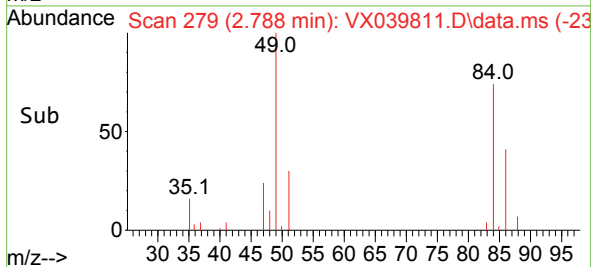
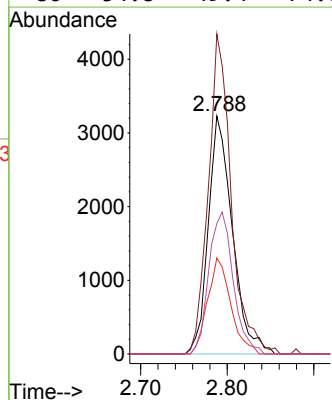
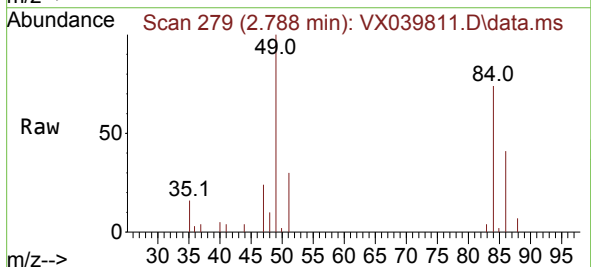
Instrument :
MSVOA_X
ClientSampleId :
MR-306-0-2

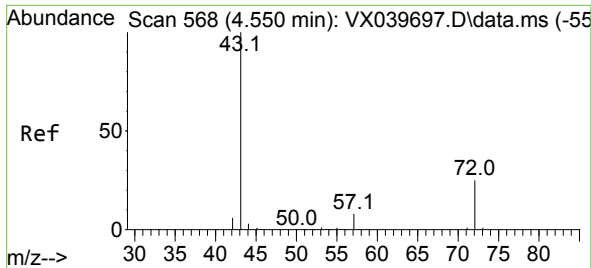
Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
74 14.7 17.8 26.8#



#20
Methylene Chloride
Concen: 4.886 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

Tgt Ion: 84 Resp: 6255
Ion Ratio Lower Upper
84 100
49 134.5 103.6 155.4
51 40.3 33.8 50.6
86 54.8 49.4 74.0

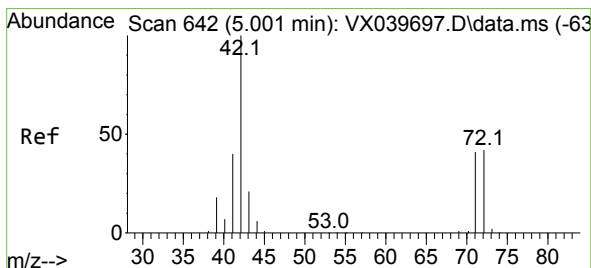
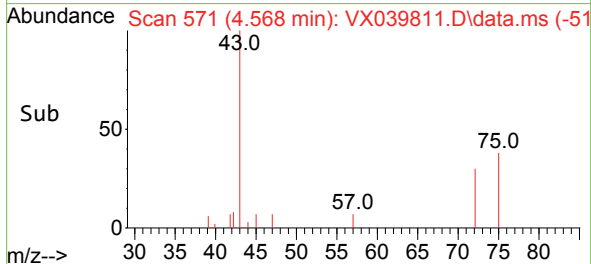
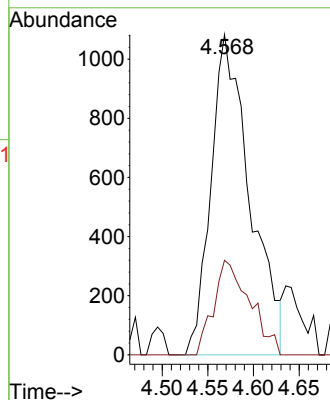
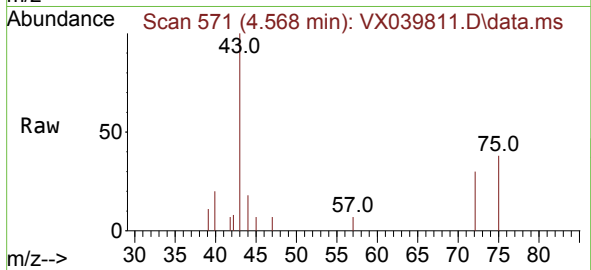




#25
2-Butanone
Concen: 2.644 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

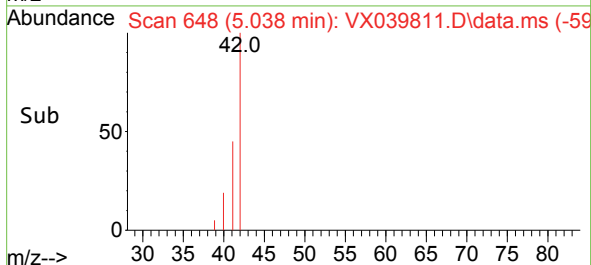
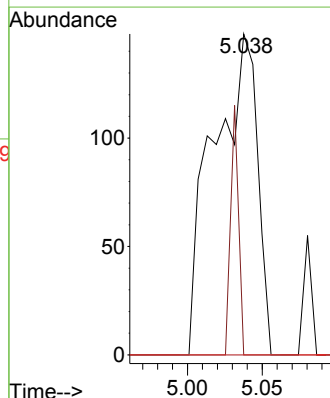
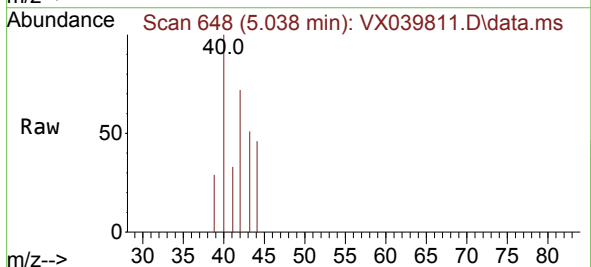
Instrument :
MSVOA_X
ClientSampleId :
MR-306-0-2

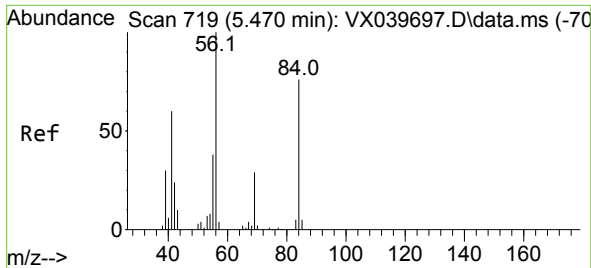
Tgt Ion: 43 Resp: 3216
Ion Ratio Lower Upper
43 100
72 29.5 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.384 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.037 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

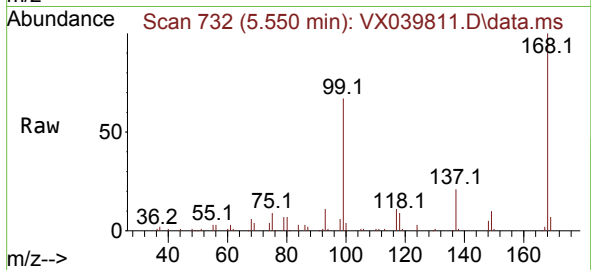
Tgt Ion: 42 Resp: 301
Ion Ratio Lower Upper
42 100
72 14.0 34.2 51.4#
71 0.0 32.2 48.2#



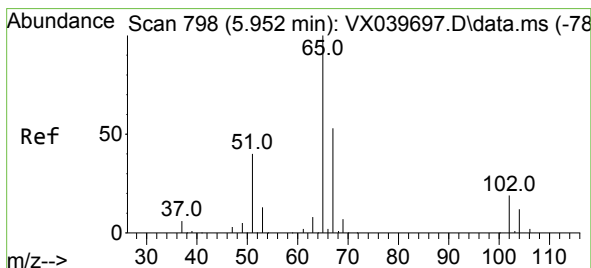
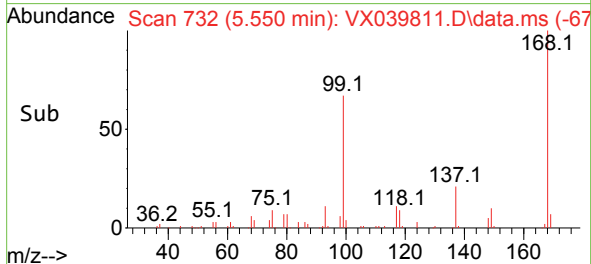
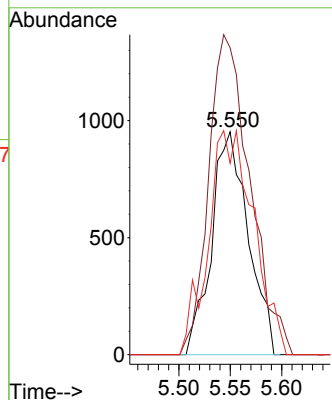


#31
Cyclohexane
Concen: 1.187 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

Instrument :
MSVOA_X
ClientSampleId :
MR-306-0-2

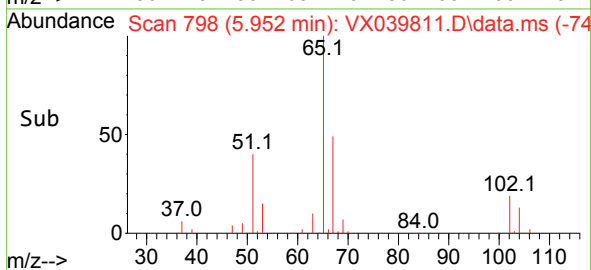
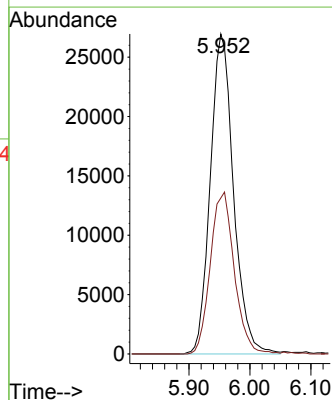
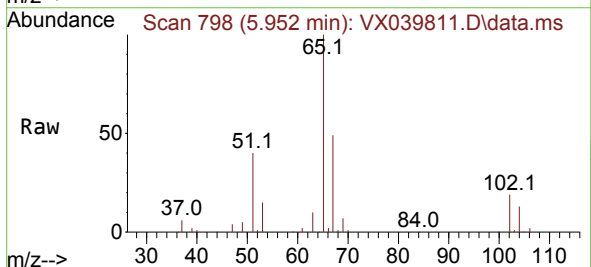


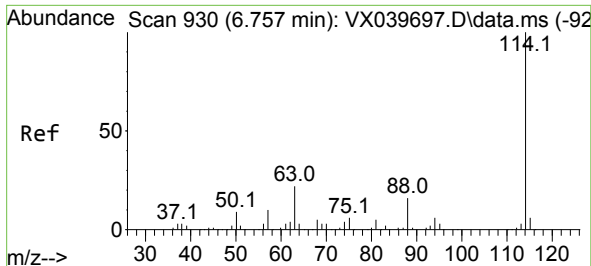
Tgt Ion: 56 Resp: 2358
Ion Ratio Lower Upper
56 100
69 137.7 23.4 35.2#
84 85.9 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.503 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

Tgt Ion: 65 Resp: 71492
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

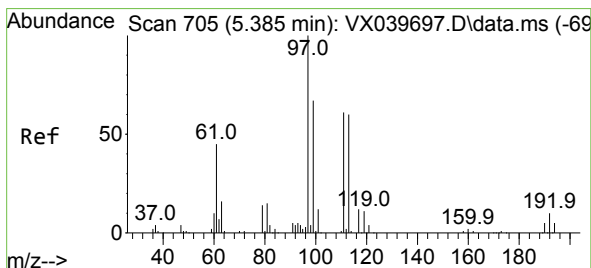
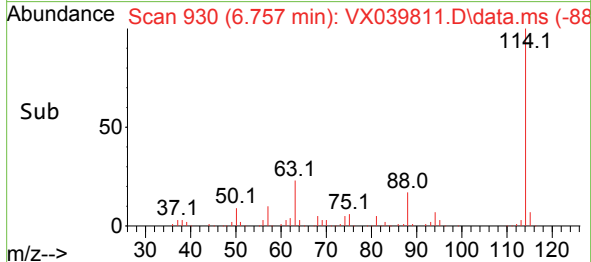
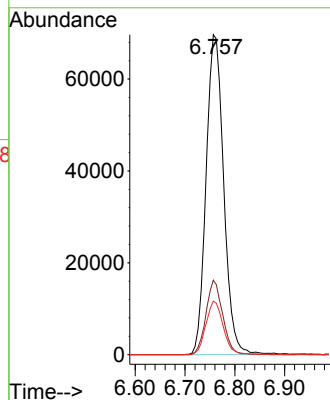
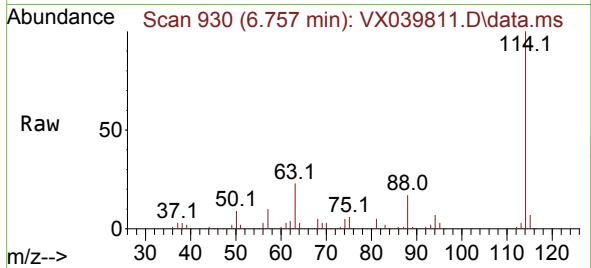




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

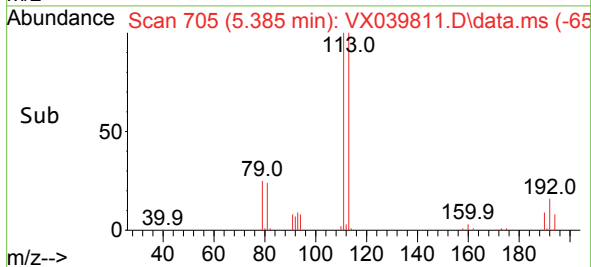
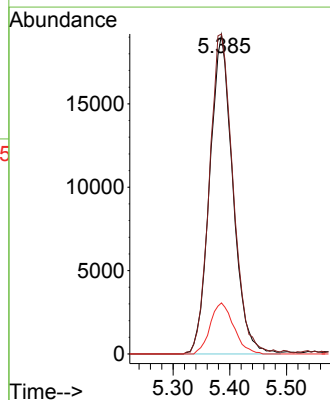
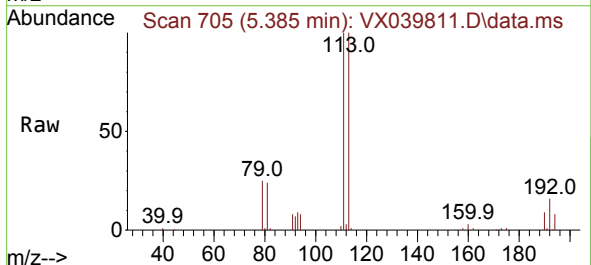
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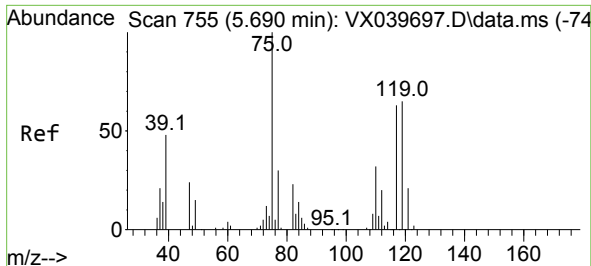
Tgt Ion:114 Resp: 171143
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.031 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

Tgt Ion:113 Resp: 54214
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 16.2 13.3 19.9

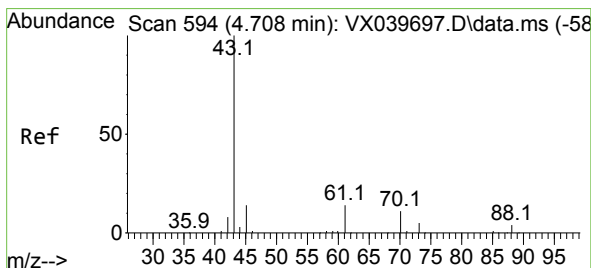
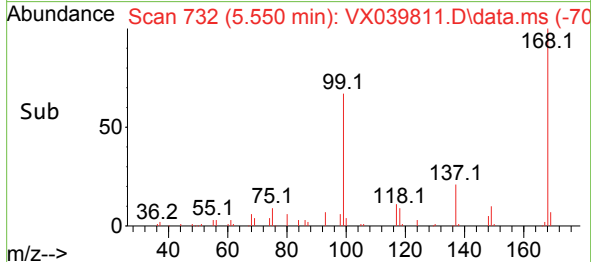
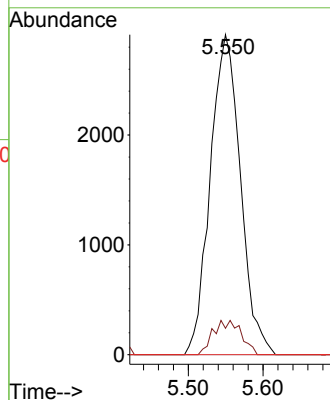
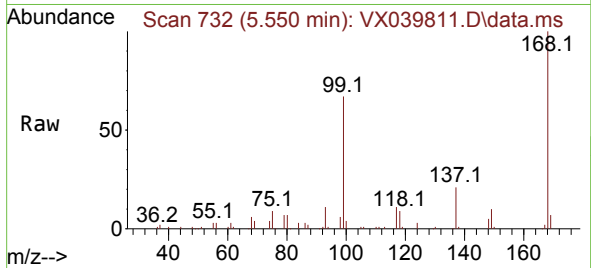




#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

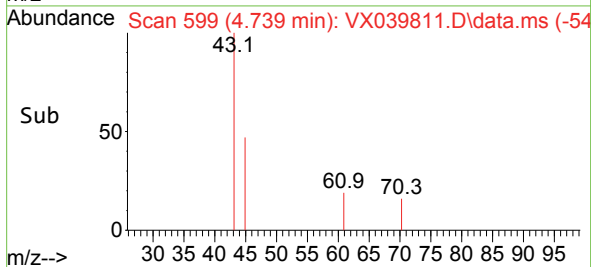
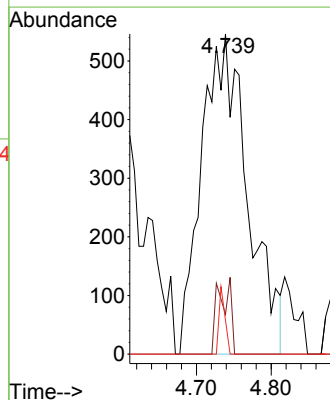
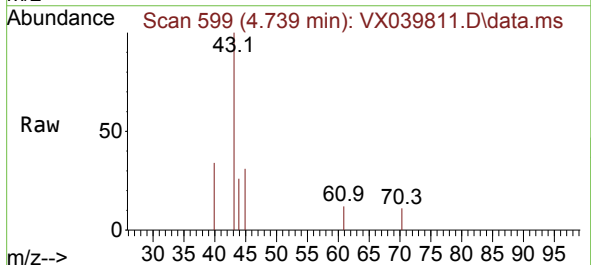
Instrument :
MSVOA_X
ClientSampleId :
MR-306-0-2

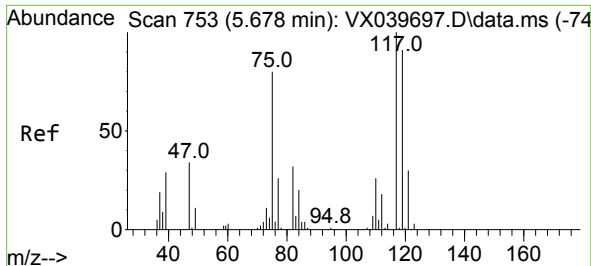
Tgt Ion: 75 Resp: 8177
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.978 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.030 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

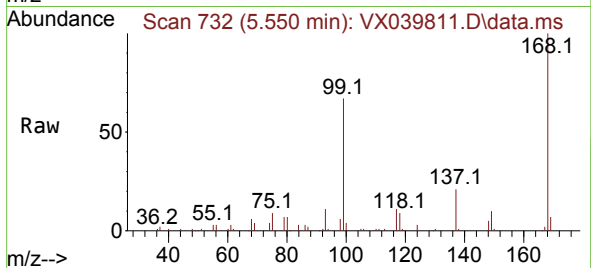
Tgt Ion: 43 Resp: 2342
Ion Ratio Lower Upper
43 100
61 6.4 10.6 16.0#
70 2.7 8.3 12.5#



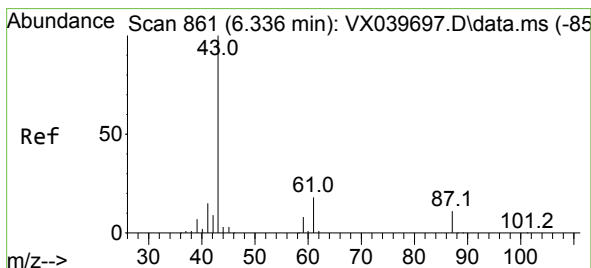
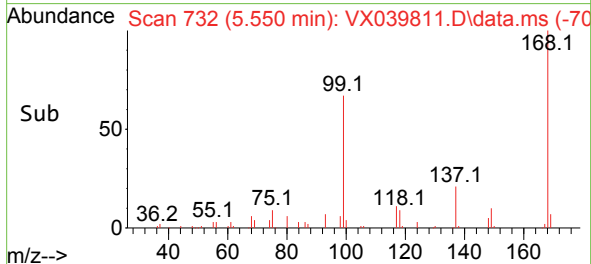
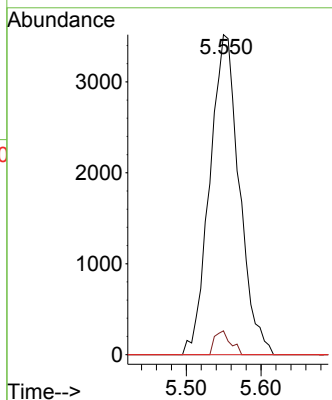


#38
Carbon Tetrachloride
Concen: 5.896 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

Instrument :
MSVOA_X
ClientSampleId :
MR-306-0-2

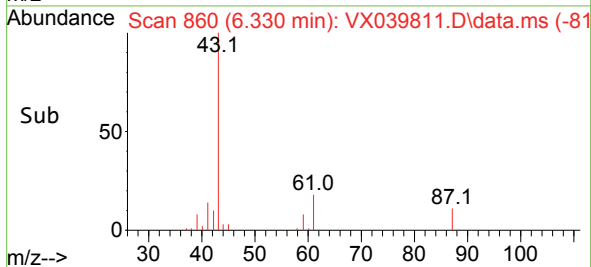
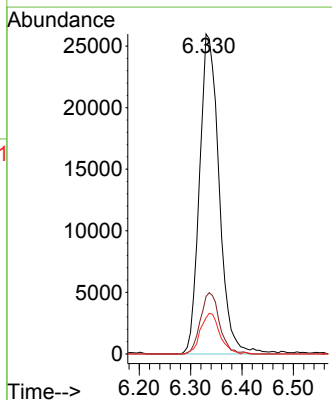
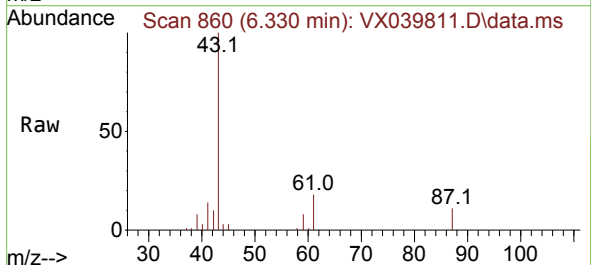


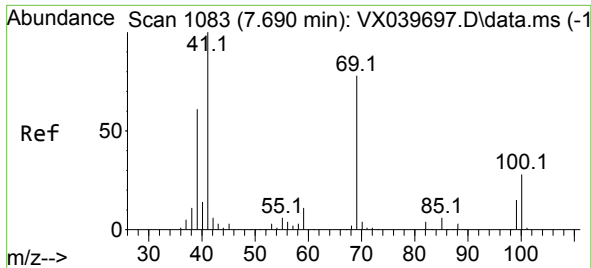
Tgt Ion:117 Resp: 9689
Ion Ratio Lower Upper
117 100
119 7.4 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 19.640 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

Tgt Ion: 43 Resp: 68963
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 12.3 9.8 14.6

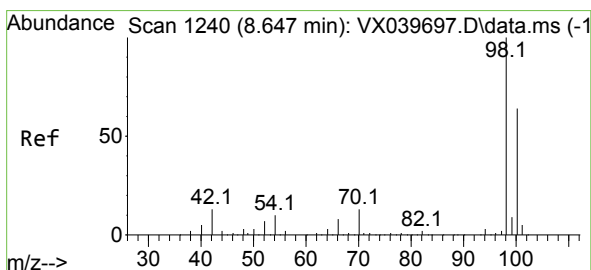
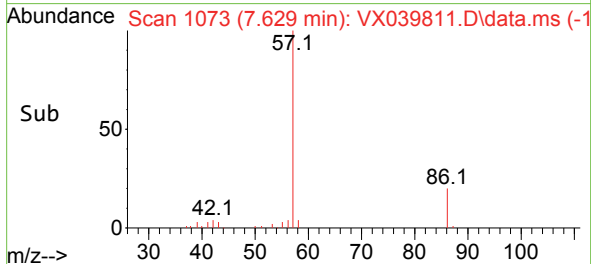
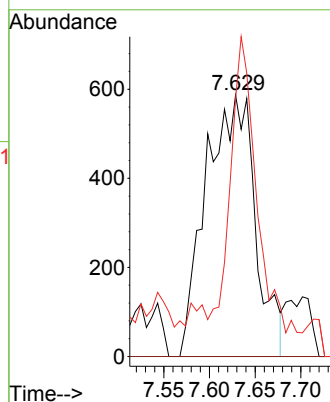
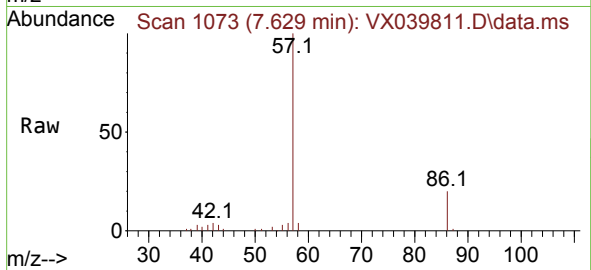




#48
Methyl methacrylate
Concen: 1.272 ug/l
RT: 7.629 min Scan# 1083
Delta R.T. -0.061 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

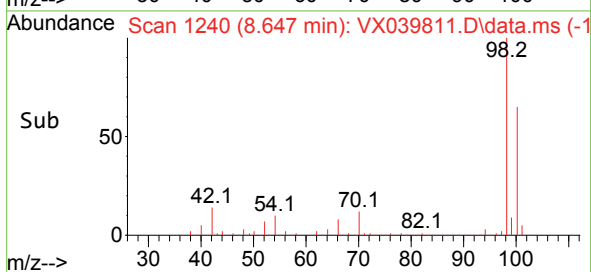
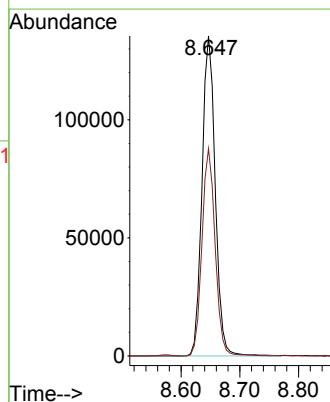
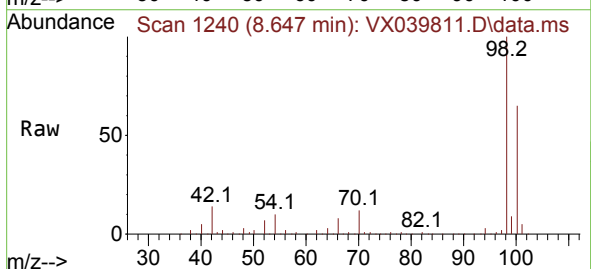
Instrument :
MSVOA_X
ClientSampleId :
MR-306-0-2

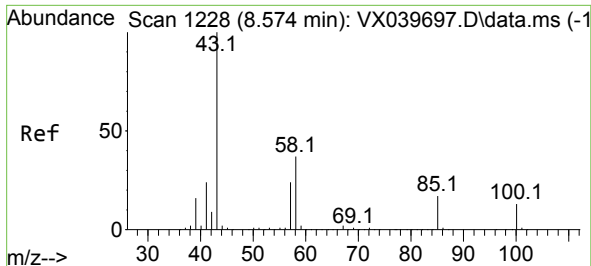
Tgt Ion: 41 Resp: 2195
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 58.4 47.7 71.5



#50
Toluene-d8
Concen: 48.785 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

Tgt Ion: 98 Resp: 212096
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7

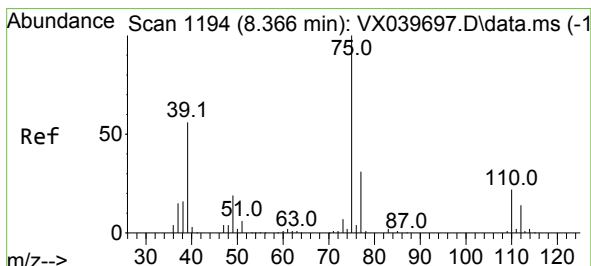
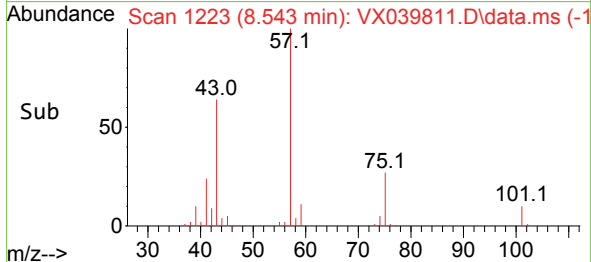
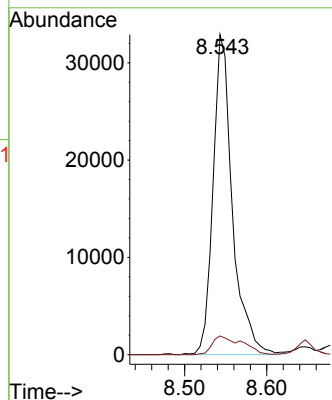
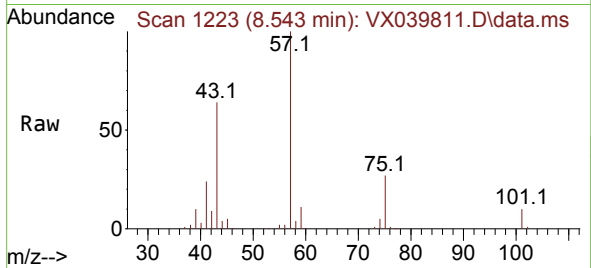




#51
4-Methyl-2-Pentanone
Concen: 22.215 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

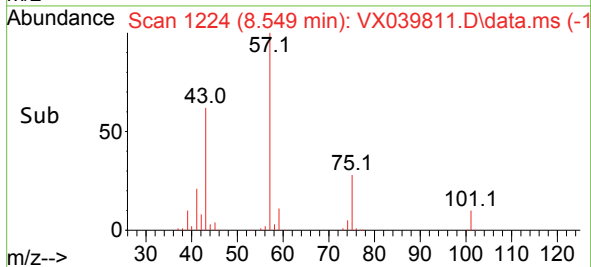
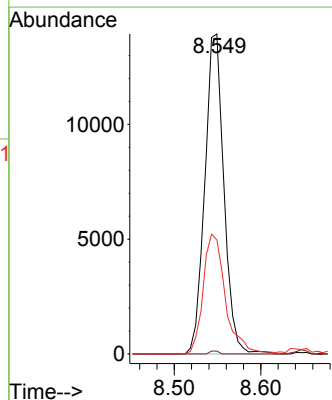
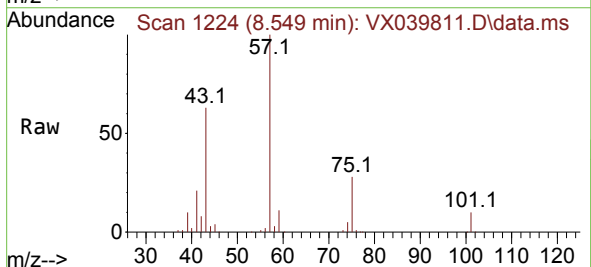
Instrument :
MSVOA_X
ClientSampleId :
MR-306-0-2

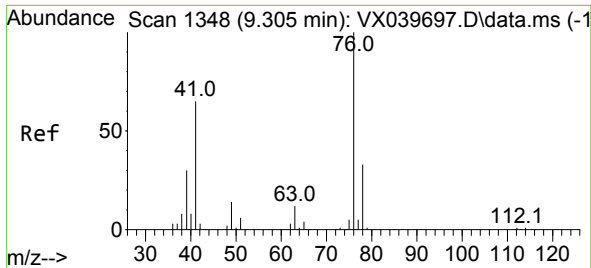
Tgt Ion: 43 Resp: 53723
Ion Ratio Lower Upper
43 100
58 9.1 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 10.508 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

Tgt Ion: 75 Resp: 21377
Ion Ratio Lower Upper
75 100
77 0.9 25.3 37.9#
39 35.6 46.7 70.1#

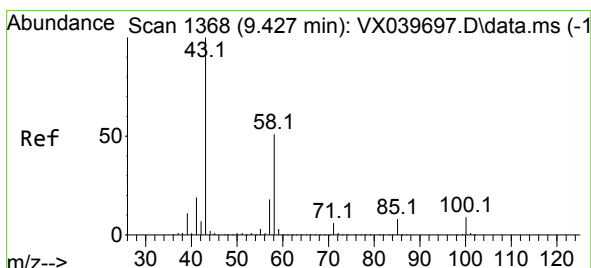
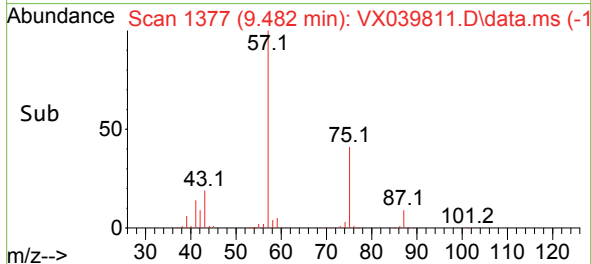
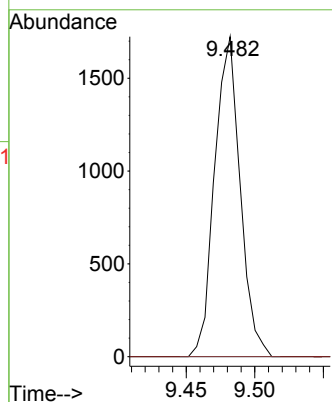
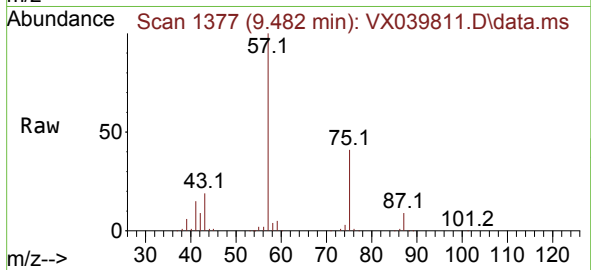




#57
1,3-Dichloropropane
Concen: 1.019 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.177 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

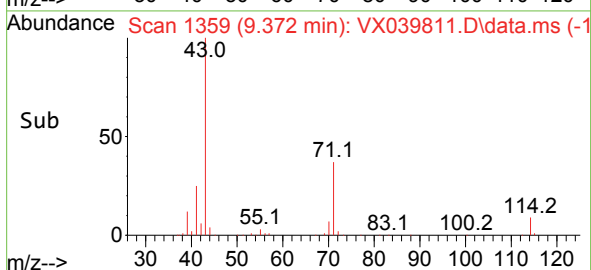
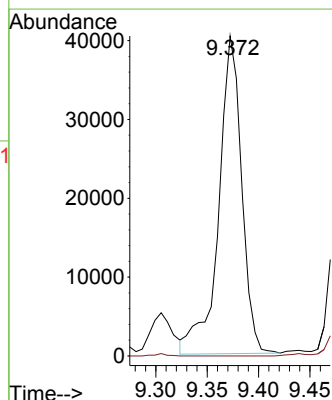
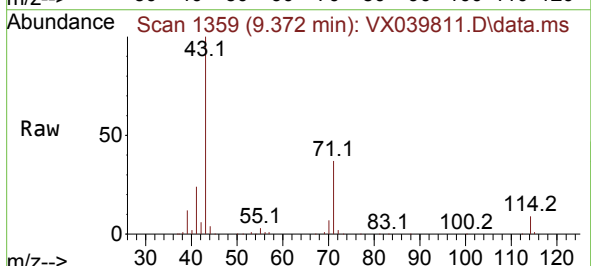
Instrument :
MSVOA_X
ClientSampleId :
MR-306-0-2

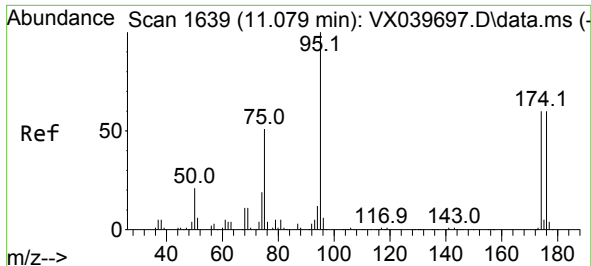
Tgt Ion: 76 Resp: 2232
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 32.717 ug/l
RT: 9.372 min Scan# 1359
Delta R.T. -0.055 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

Tgt Ion: 43 Resp: 62621
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#

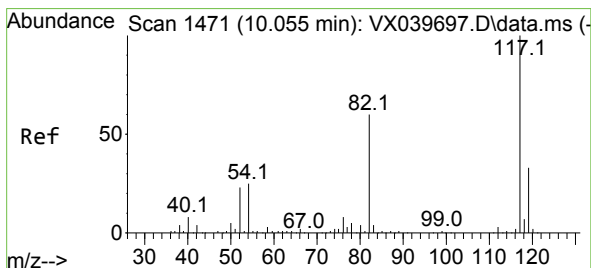
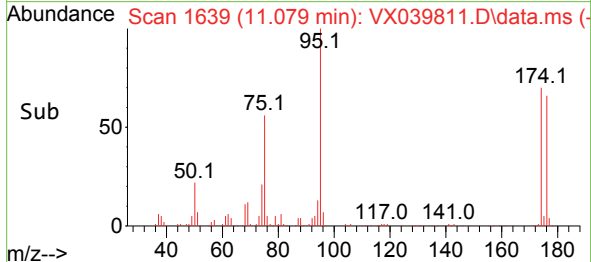
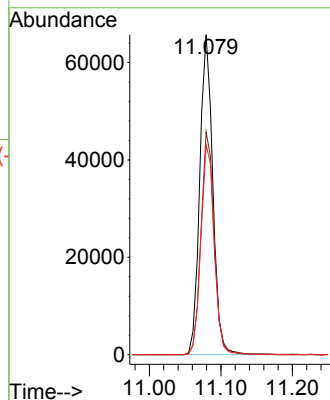
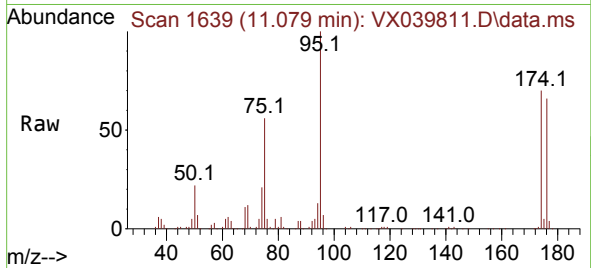




#62
4-Bromofluorobenzene
Concen: 48.880 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

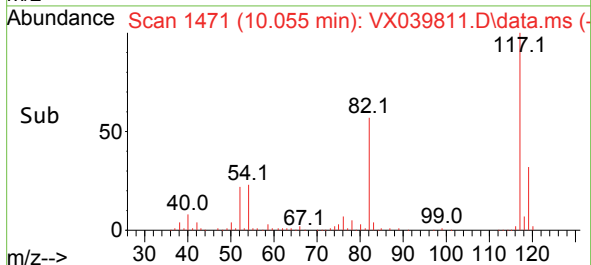
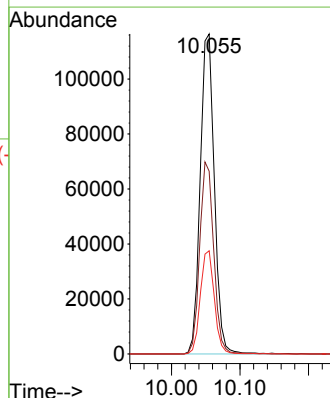
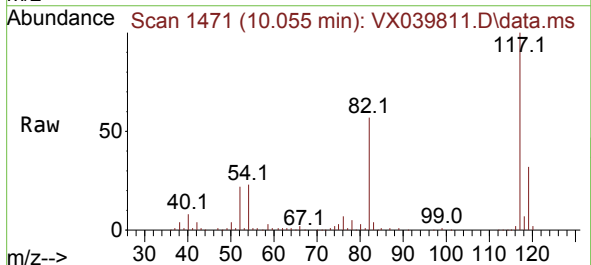
Instrument :
MSVOA_X
ClientSampleId :
MR-306-0-2

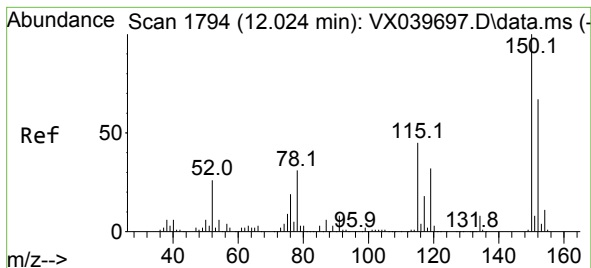
Tgt Ion: 95 Resp: 83101
Ion Ratio Lower Upper
95 100
174 70.5 0.0 135.6
176 66.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

Tgt Ion: 117 Resp: 167129
Ion Ratio Lower Upper
117 100
82 57.1 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# 1

Delta R.T. -0.000 min

Lab File: VX039811.D

Acq: 18 Jan 2024 12:23

Instrument :

MSVOA_X

ClientSampleId :

MR-306-0-2

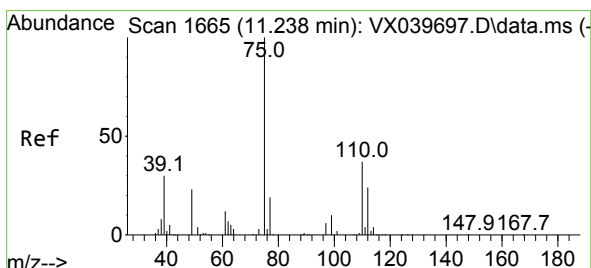
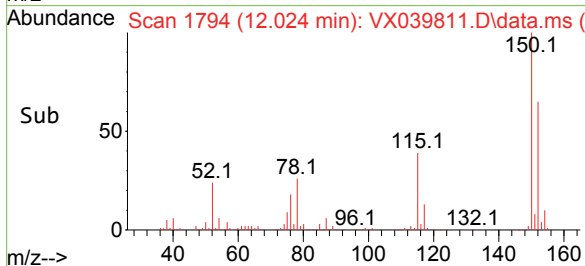
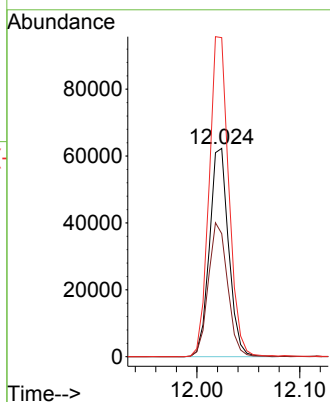
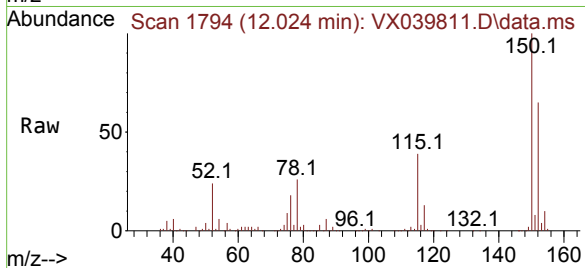
Tgt Ion:152 Resp: 80802

Ion Ratio Lower Upper

152 100

115 64.4 43.3 129.9

150 158.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.005 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039811.D

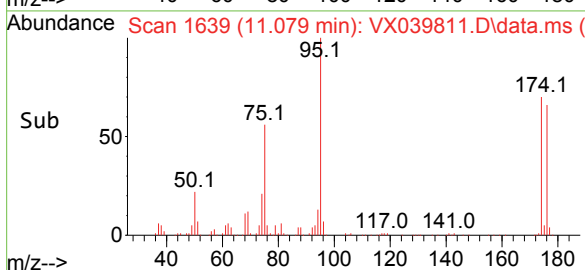
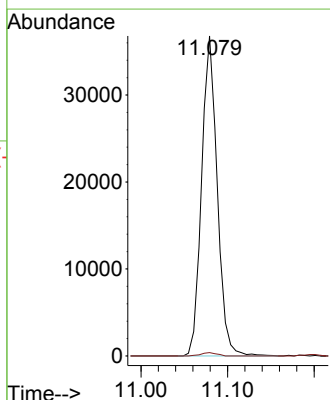
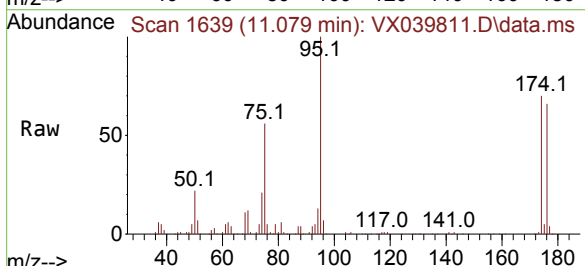
Acq: 18 Jan 2024 12:23

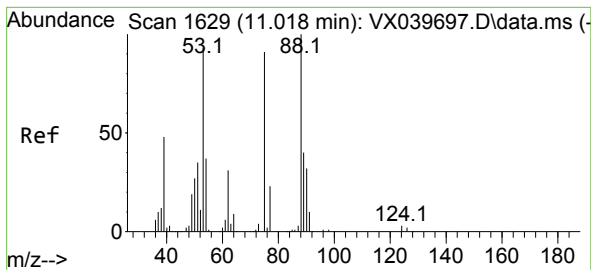
Tgt Ion: 75 Resp: 46098

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

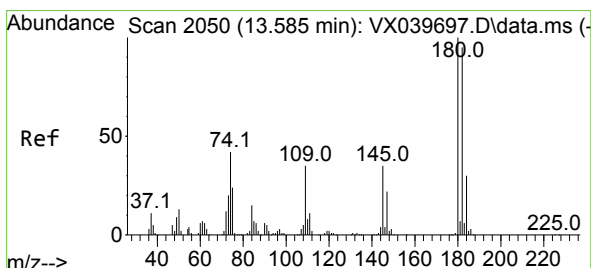
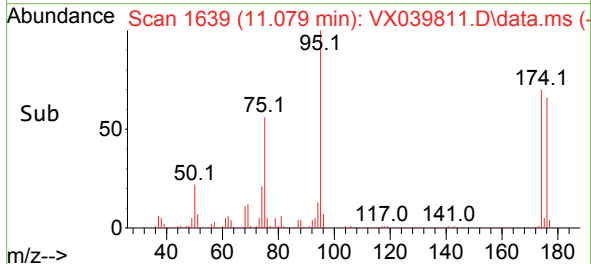
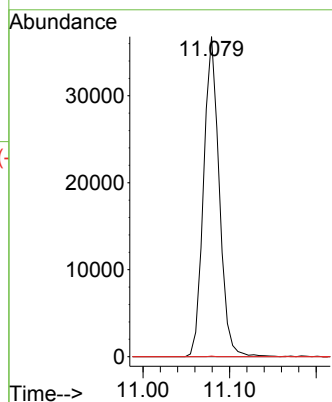
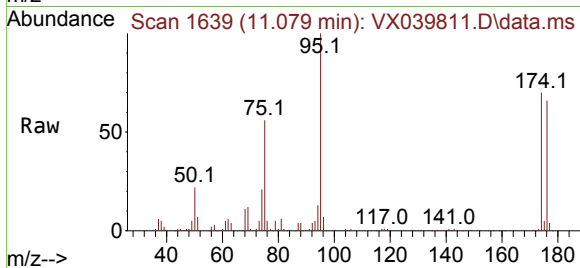




#81
trans-1,4-Dichloro-2-butene
Concen: 63.859 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

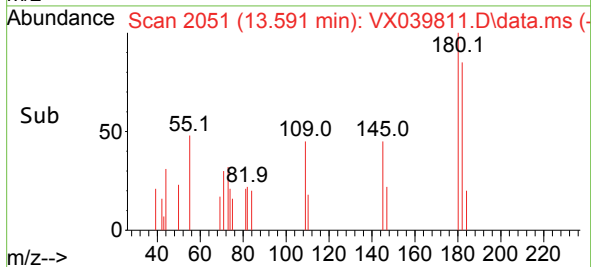
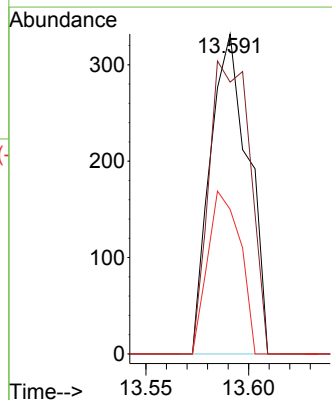
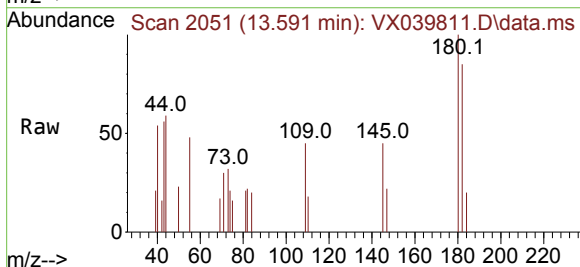
Instrument :
MSVOA_X
ClientSampleId :
MR-306-0-2

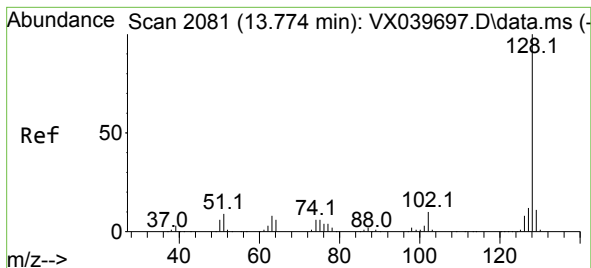
Tgt Ion: 75 Resp: 46098
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.257 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039811.D
Acq: 18 Jan 2024 12:23

Tgt Ion:180 Resp: 426
Ion Ratio Lower Upper
180 100
182 98.8 48.3 144.8
145 43.9 18.0 54.0





#95

Naphthalene

Concen: 0.458 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX039811.D

Acq: 18 Jan 2024 12:23

Instrument :

MSVOA_X

ClientSampleId :

MR-306-0-2

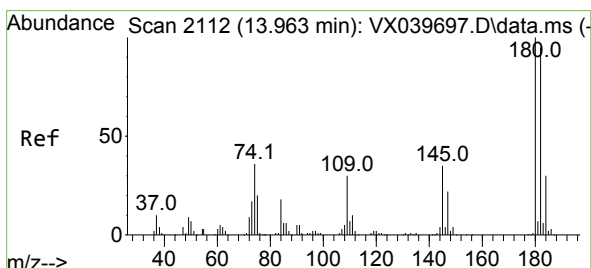
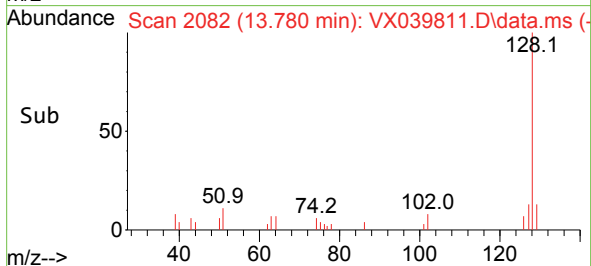
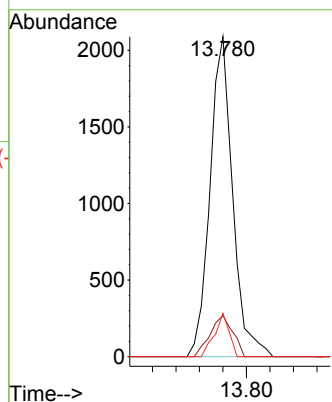
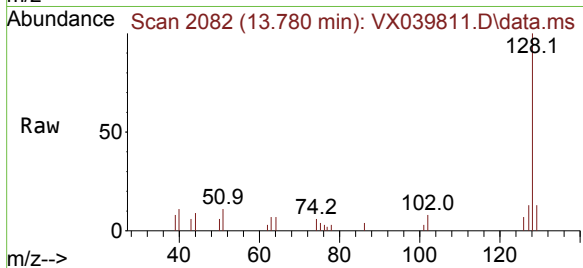
Tgt Ion:128 Resp: 2796

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 8.8 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.216 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039811.D

Acq: 18 Jan 2024 12:23

Tgt Ion:180 Resp: 362

Ion Ratio Lower Upper

180 100

182 89.5 46.9 140.6

145 0.0 17.8 53.5#

