

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
 Data File : VX039707.D
 Acq On : 10 Jan 2024 16:31
 Operator : JC/MD
 Sample : P1084-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 11 04:01:03 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)

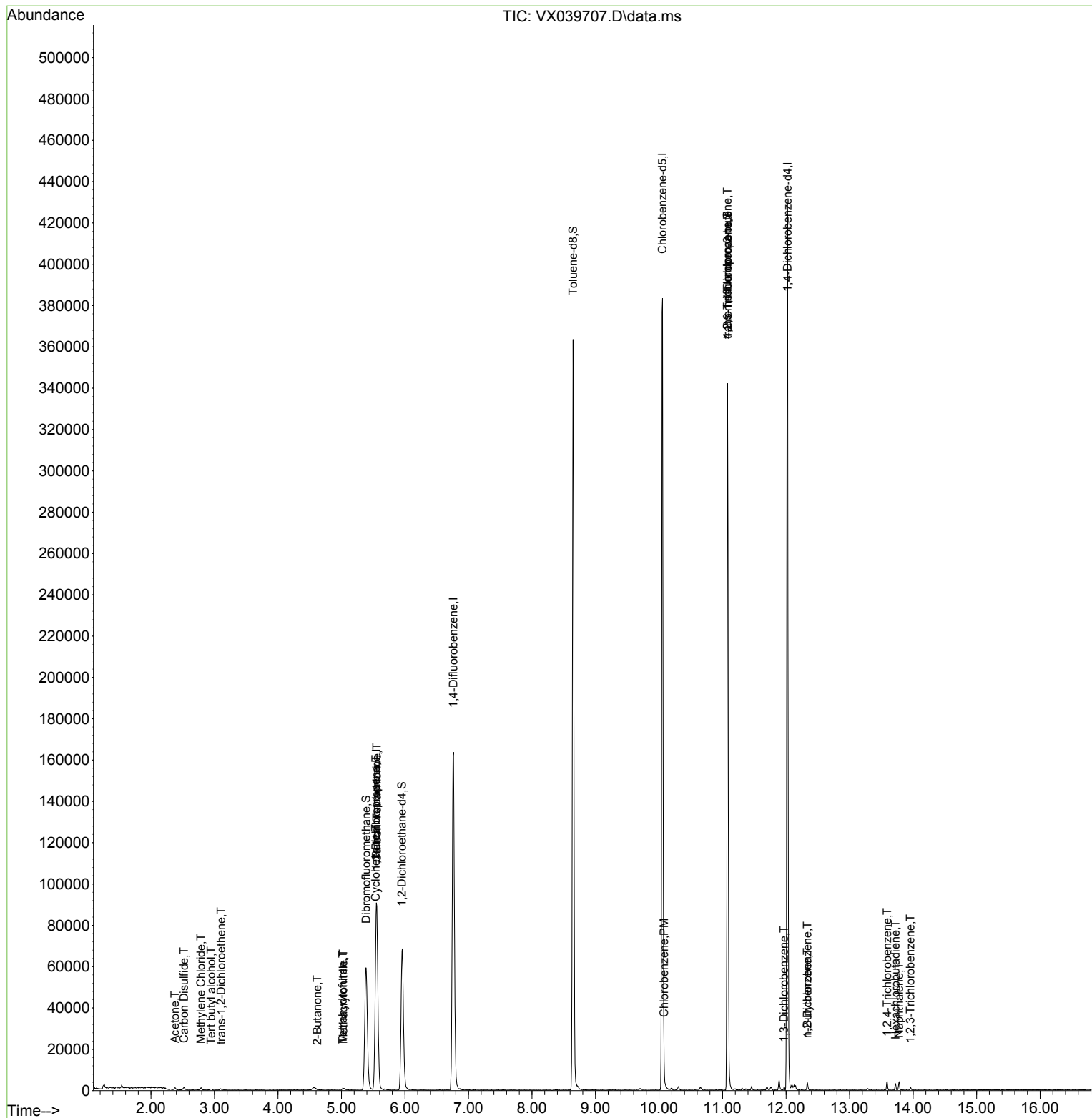
Internal Standards						
1) Pentafluorobenzene	5.550	168	81102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64432	47.426	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.860%
35) Dibromofluoromethane	5.385	113	52274	47.634	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.260%
50) Toluene-d8	8.647	98	205331	49.610	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.220%
62) 4-Bromofluorobenzene	11.079	95	89298	55.173	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	378	1.069	ug/l #	78
13) Acrolein	2.233	56	61	Below Cal	#	14
16) Acetone	2.380	43	1043	1.365	ug/l	94
17) Carbon Disulfide	2.520	76	1023	0.365	ug/l #	94
20) Methylene Chloride	2.788	84	460	0.398	ug/l #	83
21) trans-1,2-Dichloroethene	3.105	96	328	0.319	ug/l	82
25) 2-Butanone	4.617	43	226	0.206	ug/l #	51
29) Tetrahydrofuran	5.019	42	929	1.315	ug/l #	75
31) Cyclohexane	5.537	56	2276	1.269	ug/l #	21
36) 1,1-Dichloropropene	5.544	75	7595	4.446	ug/l #	49
38) Carbon Tetrachloride	5.556	117	8960	5.727	ug/l #	15
41) Methacrylonitrile	5.025	41	257	0.231	ug/l #	46
65) Chlorobenzene	10.079	112	740	0.208	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	48950	22.345	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48950	64.736	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	591	0.206	ug/l	91
89) n-Butylbenzene	12.335	91	1116	0.204	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	628	0.221	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	1056	0.609	ug/l	97
94) Hexachlorobutadiene	13.725	225	438	0.607	ug/l	95
95) Naphthalene	13.780	128	2648	0.415	ug/l	97
96) 1,2,3-Trichlorobenzene	13.957	180	529	0.302	ug/l	81

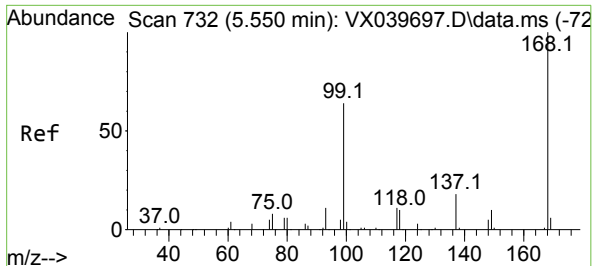
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
Data File : VX039707.D
Acq On : 10 Jan 2024 16:31
Operator : JC/MD
Sample : P1084-03 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

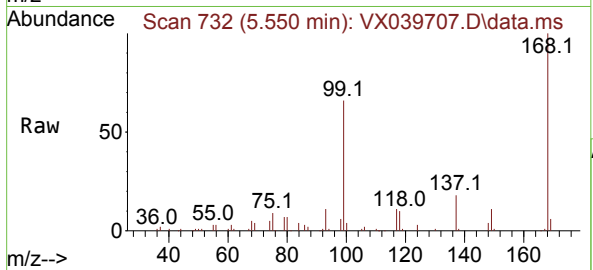
Quant Time: Jan 11 04:01:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



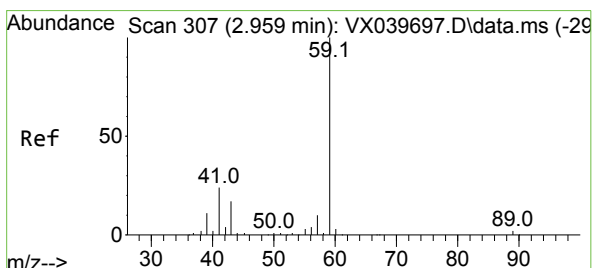
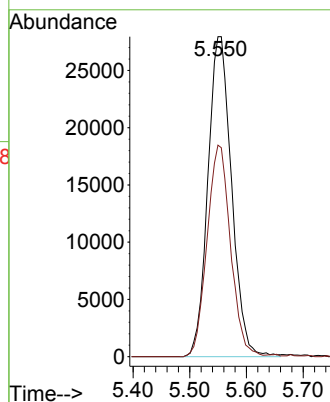
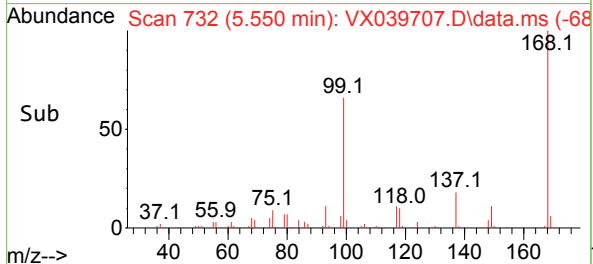


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039707.D
Acq: 10 Jan 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

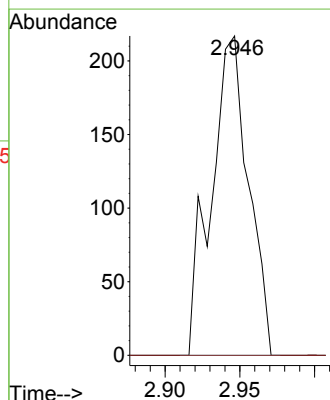
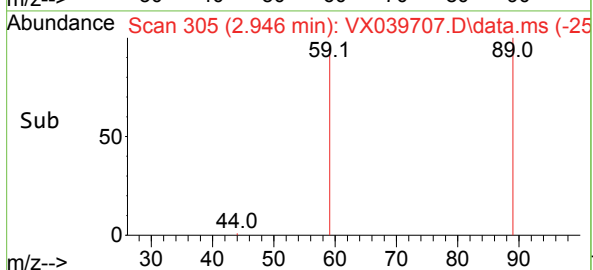
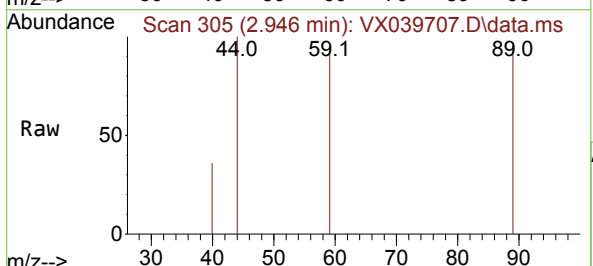


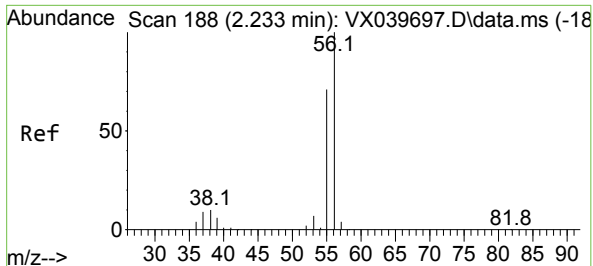
Tgt Ion:168 Resp: 81102
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.069 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039707.D
Acq: 10 Jan 2024 16:31

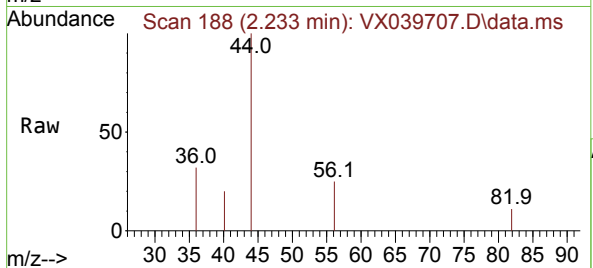
Tgt Ion: 59 Resp: 378
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



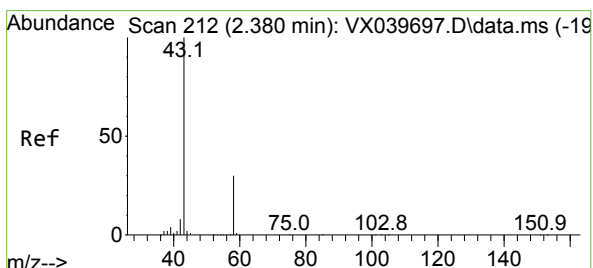
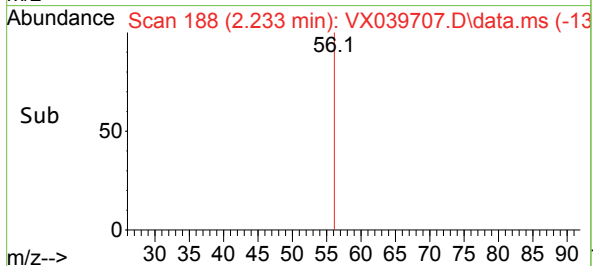
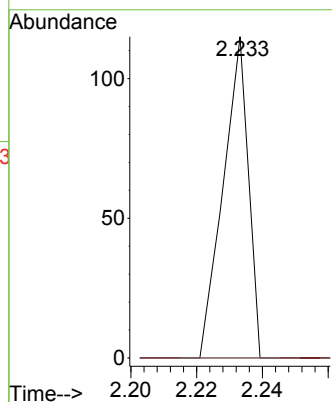


#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039707.D
Acq: 10 Jan 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

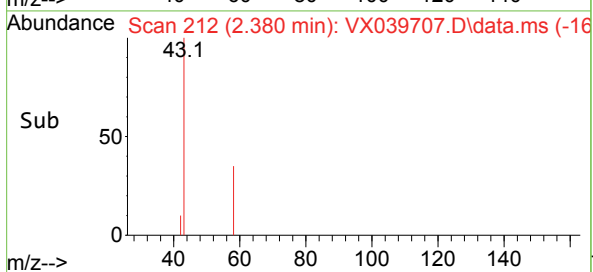
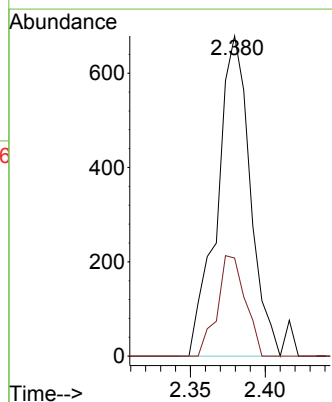
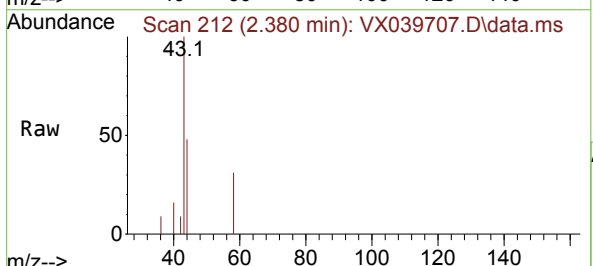


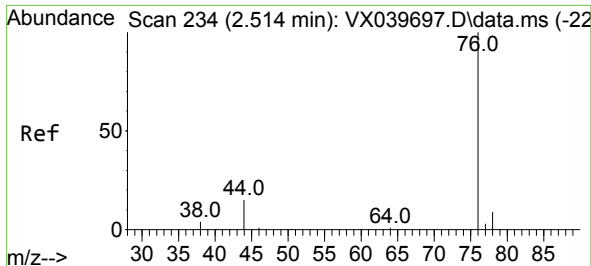
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.365 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039707.D
Acq: 10 Jan 2024 16:31

Tgt Ion: 43 Resp: 1043
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9





#17

Carbon Disulfide

Concen: 0.365 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX039707.D

Acq: 10 Jan 2024 16:31

Instrument :

MSVOA_X

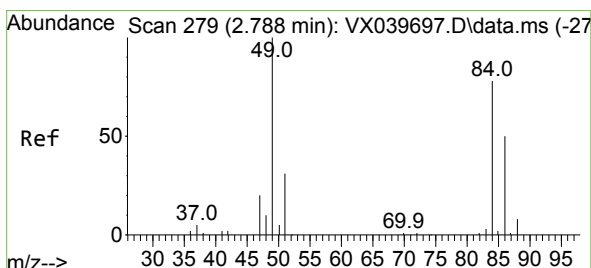
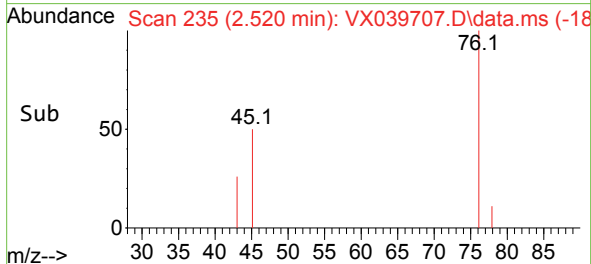
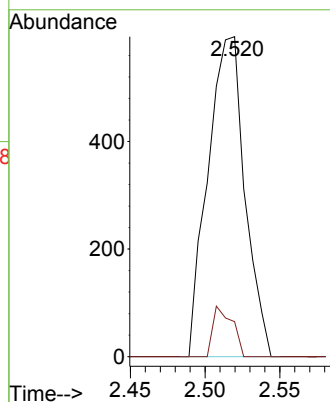
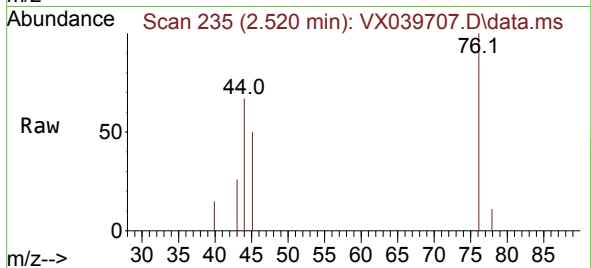
ClientSampleId :

Tgt Ion: 76 Resp: 1023

Ion Ratio Lower Upper

76 100

78 10.9 7.0 10.6#



#20

Methylene Chloride

Concen: 0.398 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX039707.D

Acq: 10 Jan 2024 16:31

Tgt Ion: 84 Resp: 460

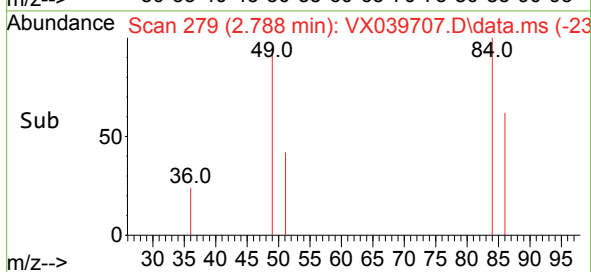
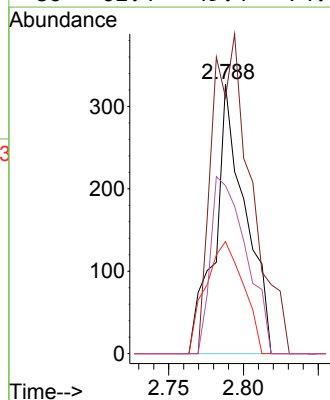
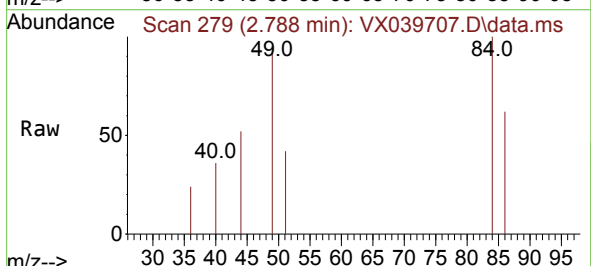
Ion Ratio Lower Upper

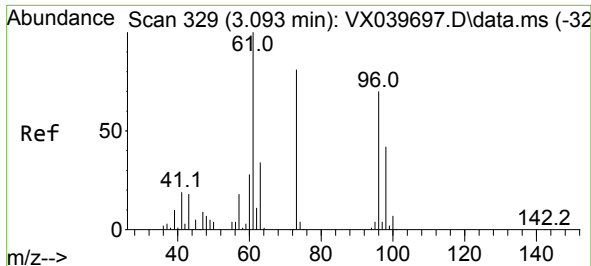
84 100

49 95.1 103.6 155.4#

51 41.6 33.8 50.6

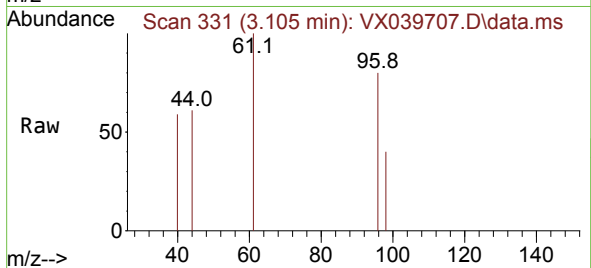
86 62.4 49.4 74.0





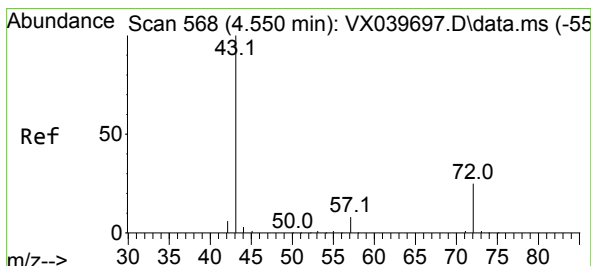
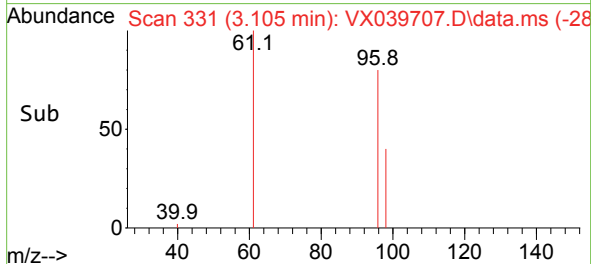
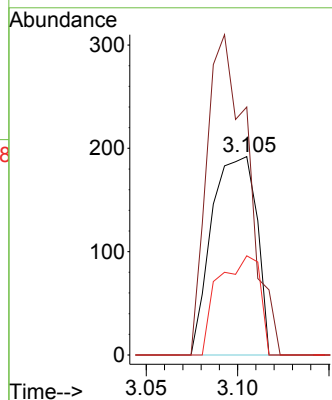
#21
trans-1,2-Dichloroethene
Concen: 0.319 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX039707.D
Acq: 10 Jan 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 328

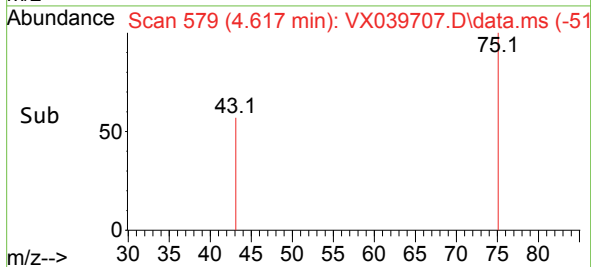
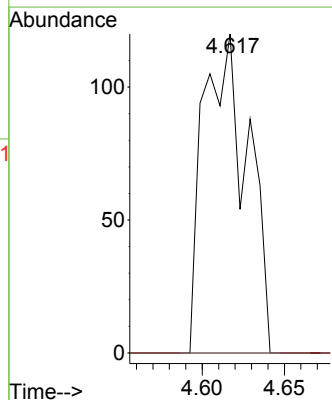
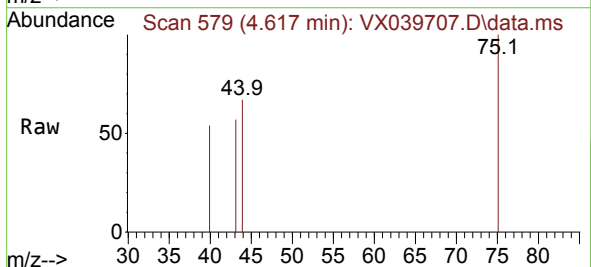
Ion	Ratio	Lower	Upper
96	100		
61	125.0	119.2	178.8
98	50.0	48.7	73.1

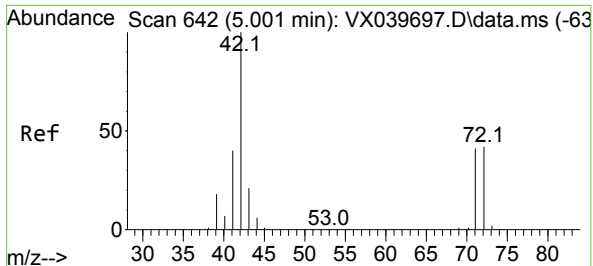


#25
2-Butanone
Concen: 0.206 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.067 min
Lab File: VX039707.D
Acq: 10 Jan 2024 16:31

Tgt Ion: 43 Resp: 226

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#





#29

Tetrahydrofuran

Concen: 1.315 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.018 min

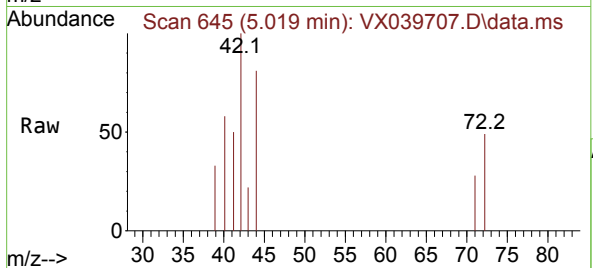
Lab File: VX039707.D

Acq: 10 Jan 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :



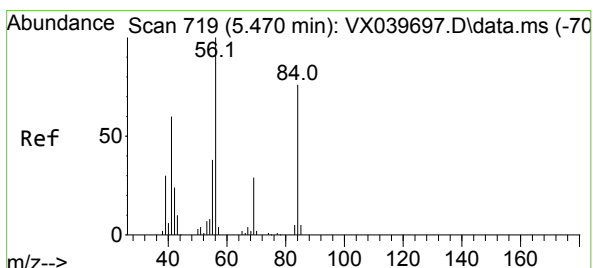
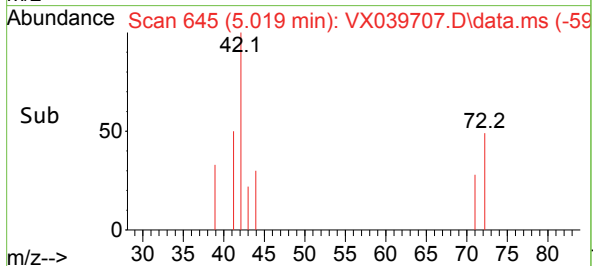
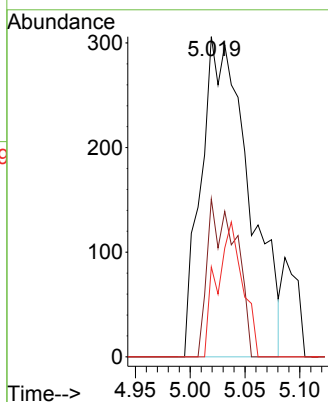
Tgt Ion: 42 Resp: 929

Ion Ratio Lower Upper

42 100

72 29.3 34.2 51.4#

71 22.8 32.2 48.2#



#31

Cyclohexane

Concen: 1.269 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.067 min

Lab File: VX039707.D

Acq: 10 Jan 2024 16:31

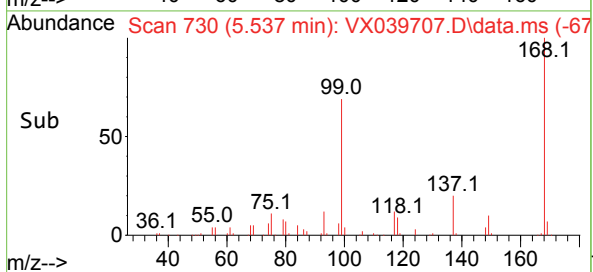
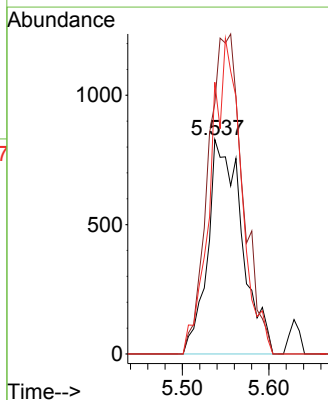
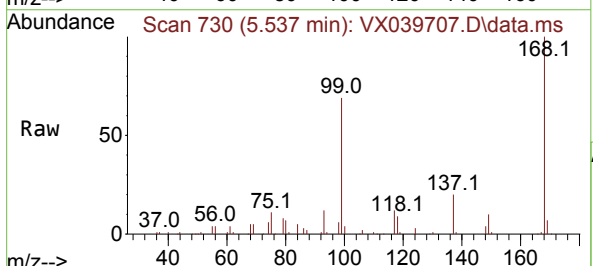
Tgt Ion: 56 Resp: 2276

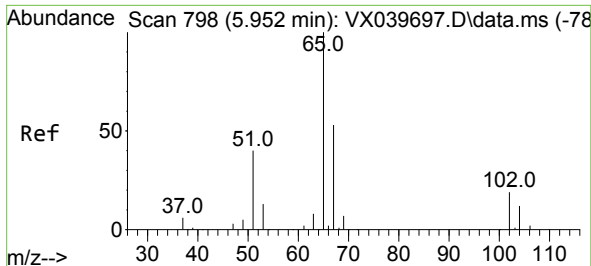
Ion Ratio Lower Upper

56 100

69 117.0 23.4 35.2#

84 126.7 65.9 98.9#

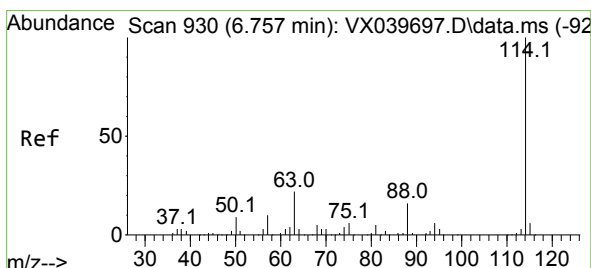
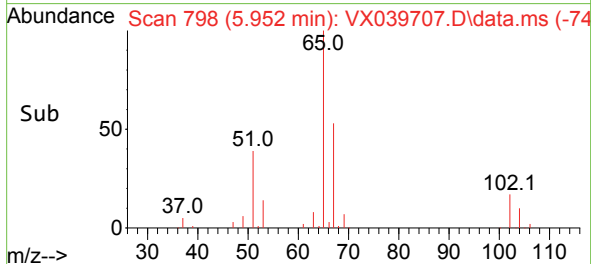
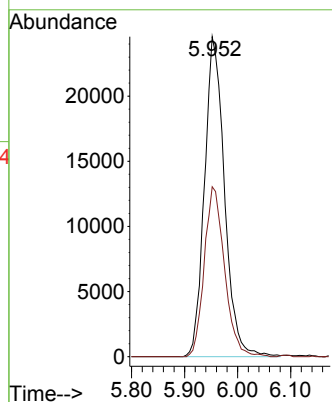
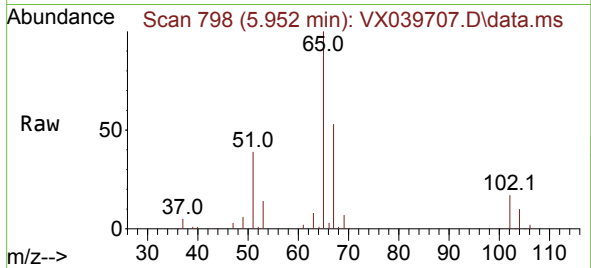




#33
 1,2-Dichloroethane-d4
 Concen: 47.426 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX039707.D
 Acq: 10 Jan 2024 16:31

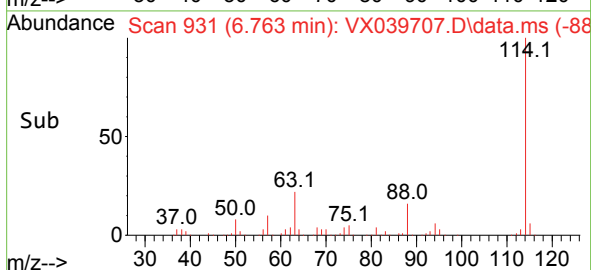
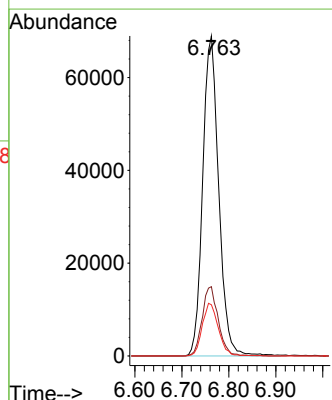
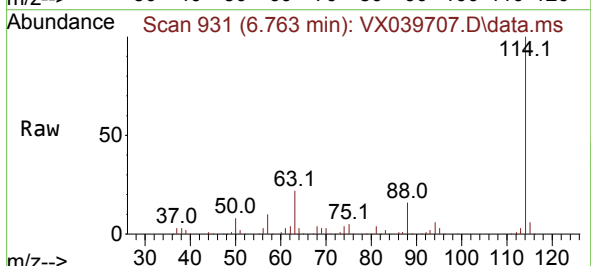
Instrument :
 MSVOA_X
 ClientSampleId :

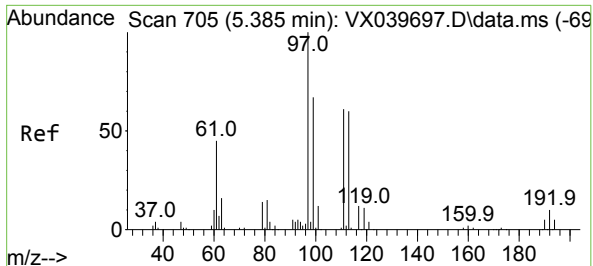
Tgt Ion: 65 Resp: 64432
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX039707.D
 Acq: 10 Jan 2024 16:31

Tgt Ion: 114 Resp: 162930
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.0
 88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.634 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

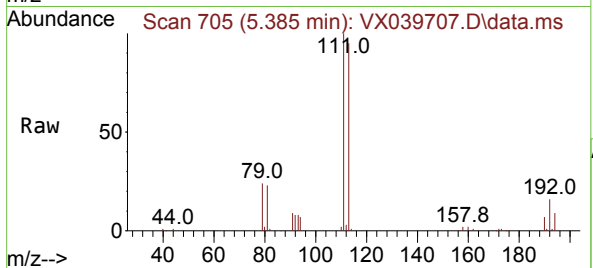
Lab File: VX039707.D

Acq: 10 Jan 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :



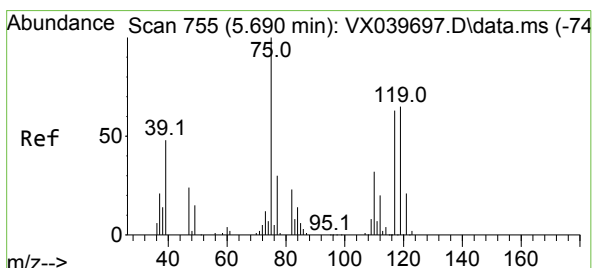
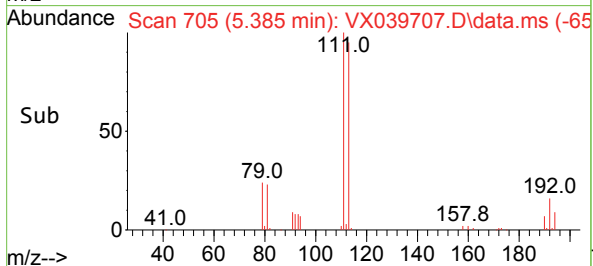
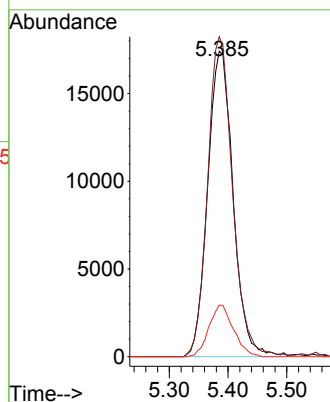
Tgt Ion:113 Resp: 52274

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 16.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.446 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX039707.D

Acq: 10 Jan 2024 16:31

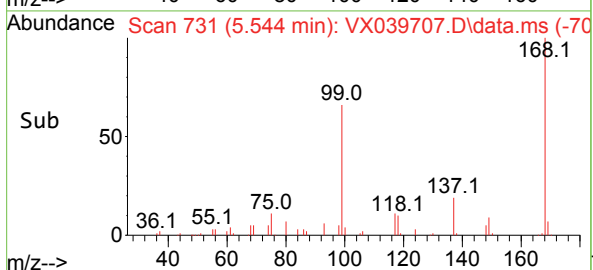
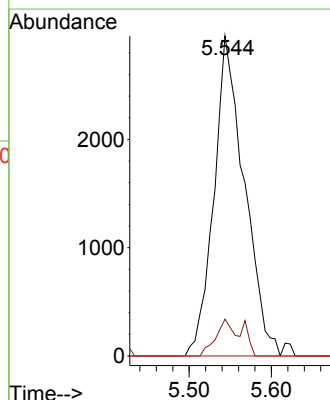
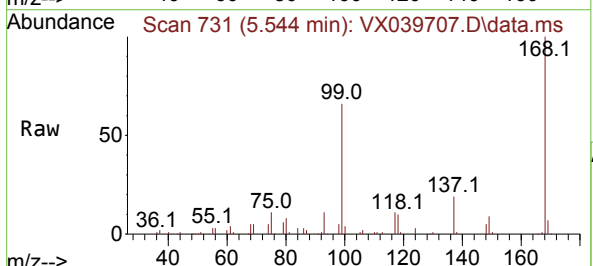
Tgt Ion: 75 Resp: 7595

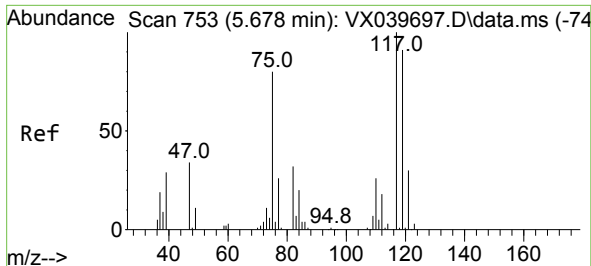
Ion Ratio Lower Upper

75 100

110 7.4 17.0 50.9#

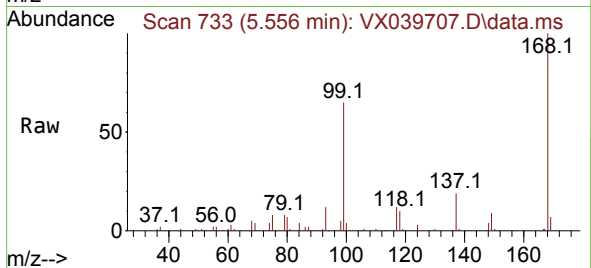
77 0.0 24.7 37.1#



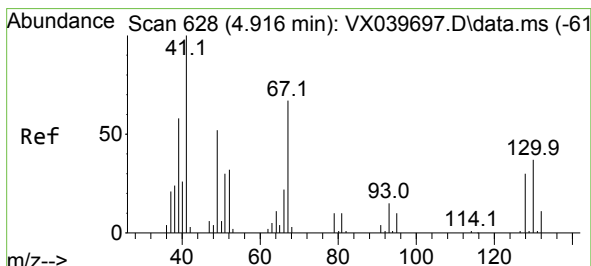
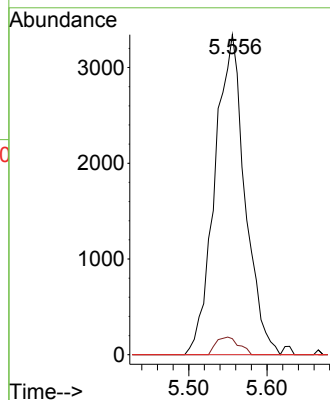
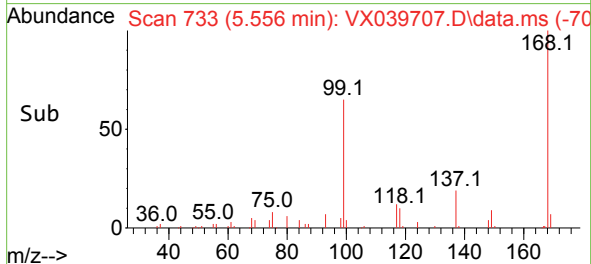


#38
Carbon Tetrachloride
Concen: 5.727 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX039707.D
Acq: 10 Jan 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

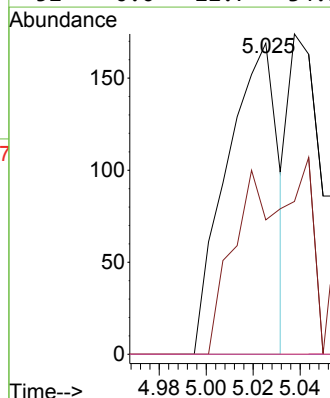
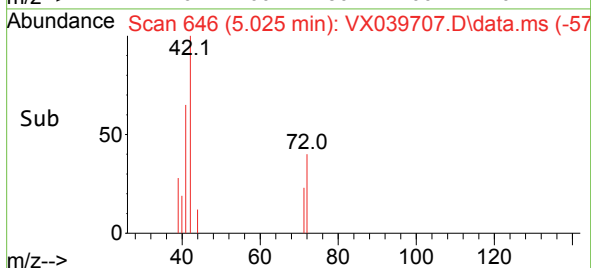
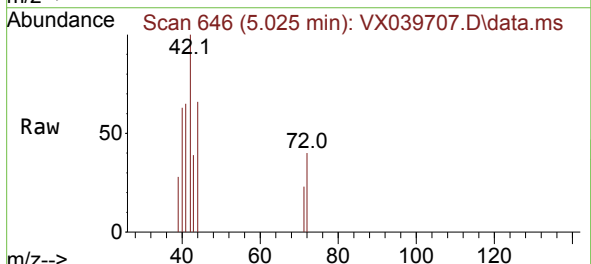


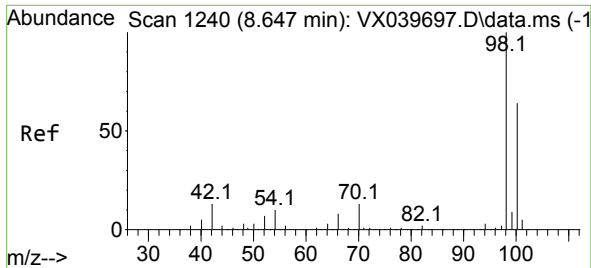
Tgt Ion:117 Resp: 8960
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.231 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.110 min
Lab File: VX039707.D
Acq: 10 Jan 2024 16:31

Tgt Ion: 41 Resp: 257
Ion Ratio Lower Upper
41 100
39 40.5 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

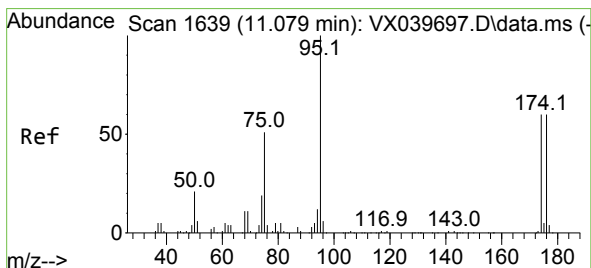
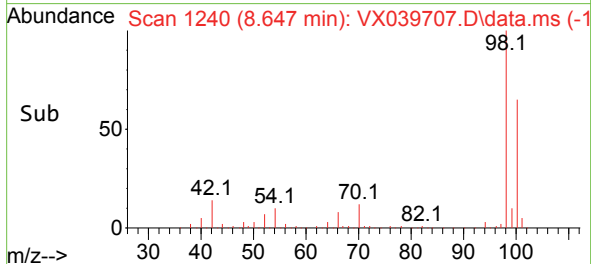
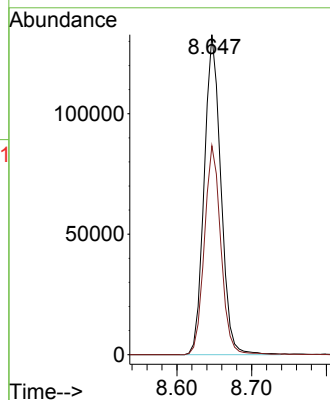
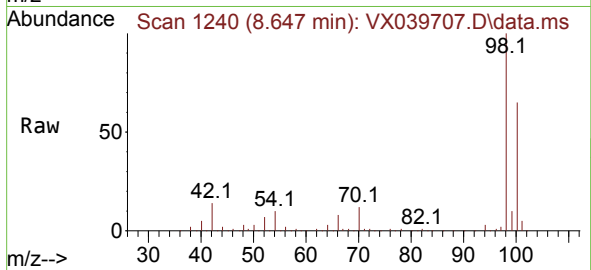




#50
Toluene-d8
Concen: 49.610 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039707.D
Acq: 10 Jan 2024 16:31

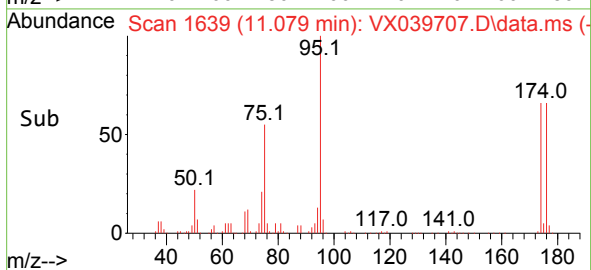
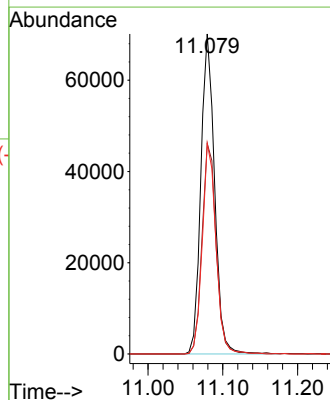
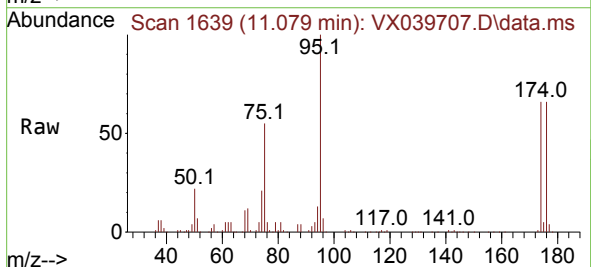
Instrument :
MSVOA_X
ClientSampleId :

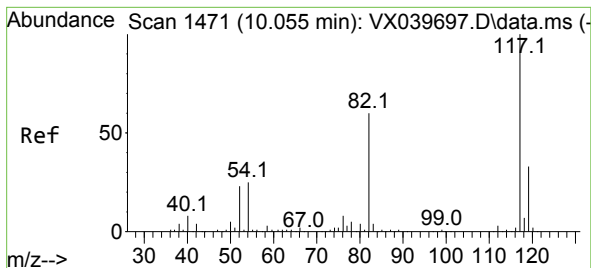
Tgt Ion: 98 Resp: 205331
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 55.173 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039707.D
Acq: 10 Jan 2024 16:31

Tgt Ion: 95 Resp: 89298
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 65.6 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: VX039707.D

Acq: 10 Jan 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

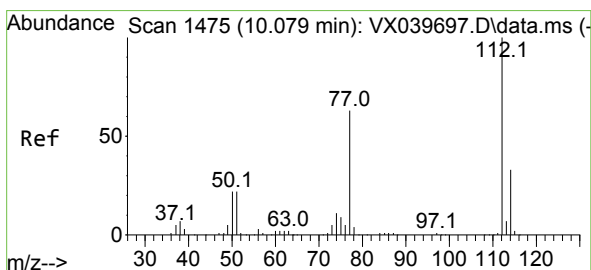
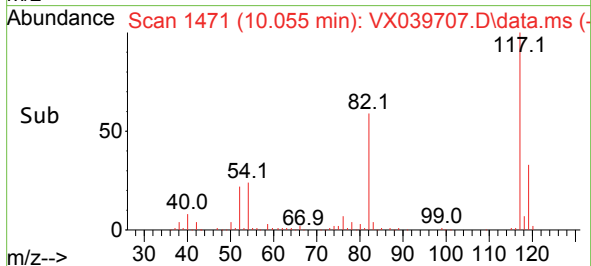
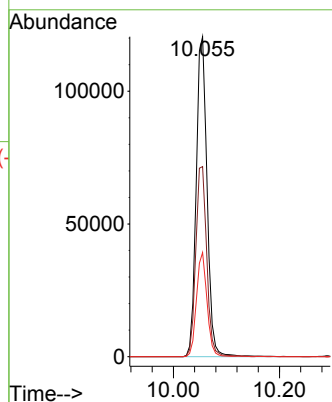
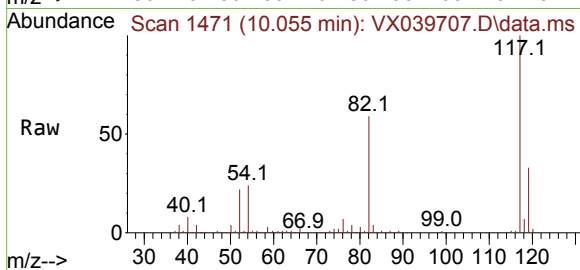
Tgt Ion:117 Resp: 171113

Ion Ratio Lower Upper

117 100

82 59.4 46.2 69.4

119 32.6 25.5 38.3



#65

Chlorobenzene

Concen: 0.208 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX039707.D

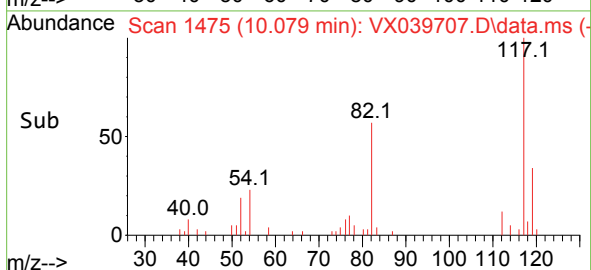
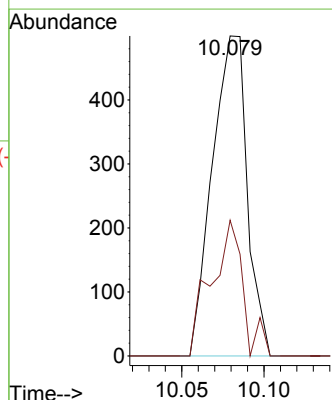
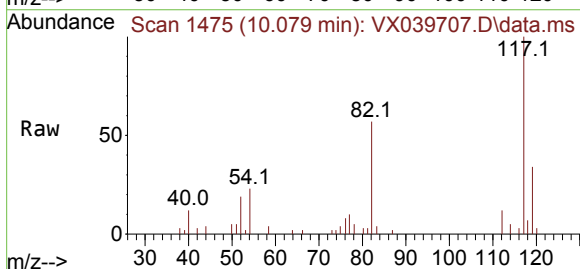
Acq: 10 Jan 2024 16:31

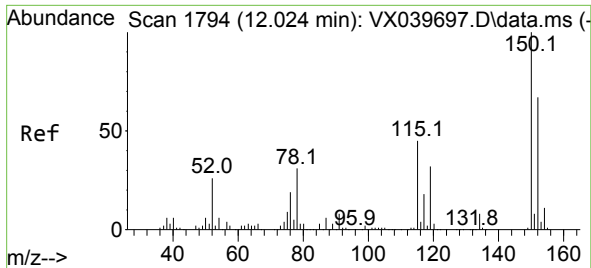
Tgt Ion:112 Resp: 740

Ion Ratio Lower Upper

112 100

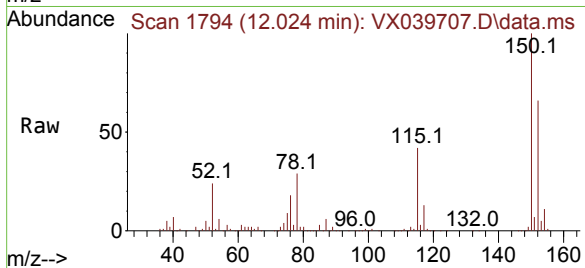
114 42.4 25.7 38.5#



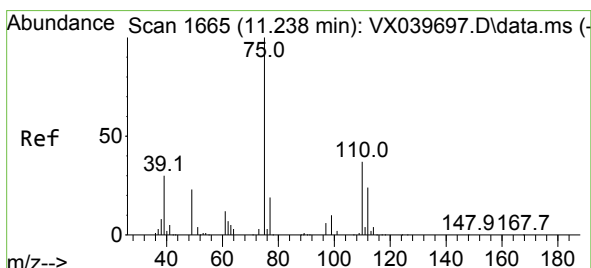
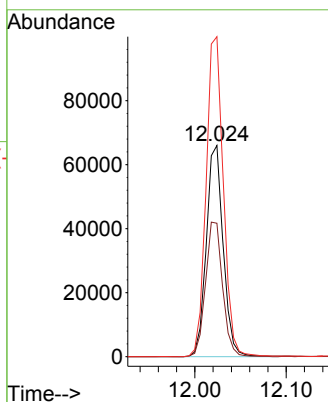
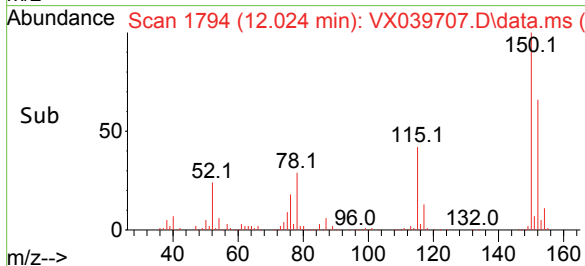


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039707.D
Acq: 10 Jan 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

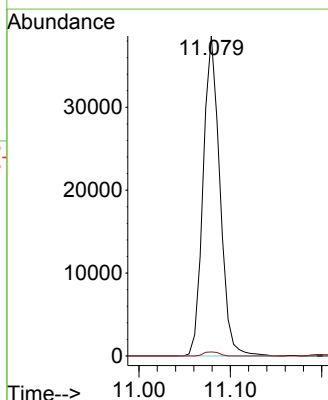
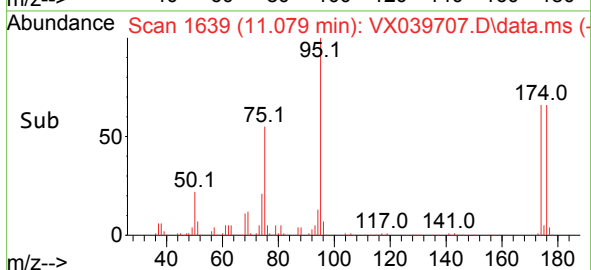
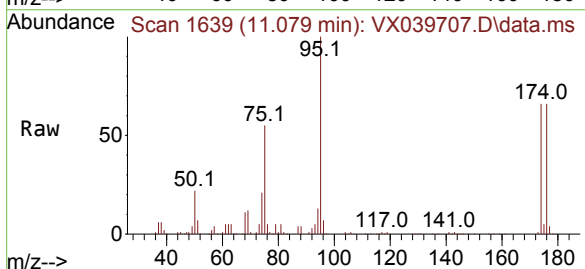


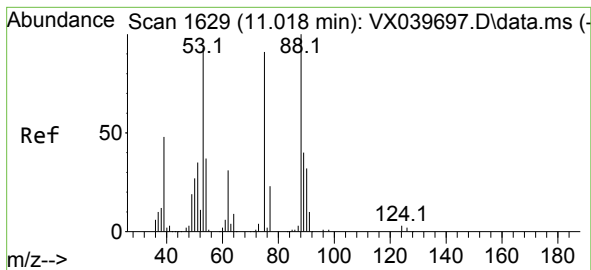
Tgt Ion:152 Resp: 84495
Ion Ratio Lower Upper
152 100
115 64.5 43.3 129.9
150 154.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX039707.D
Acq: 10 Jan 2024 16:31

Tgt Ion: 75 Resp: 48950
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

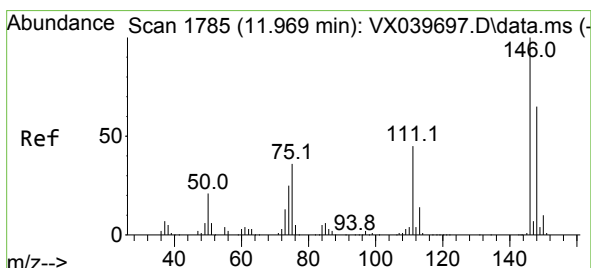
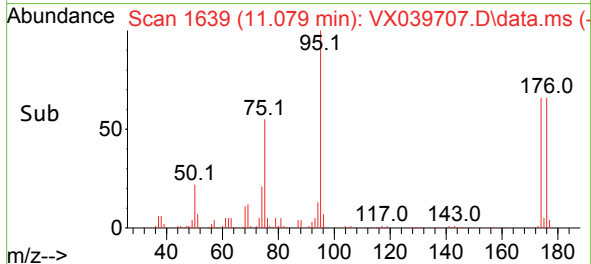
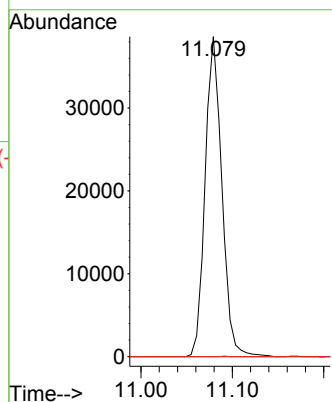
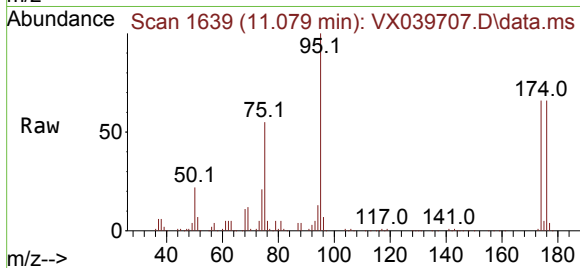




#81
trans-1,4-Dichloro-2-butene
Concen: 64.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039707.D
Acq: 10 Jan 2024 16:31

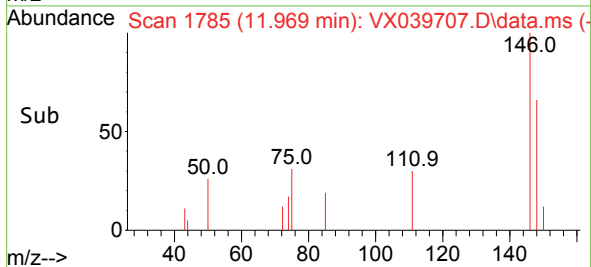
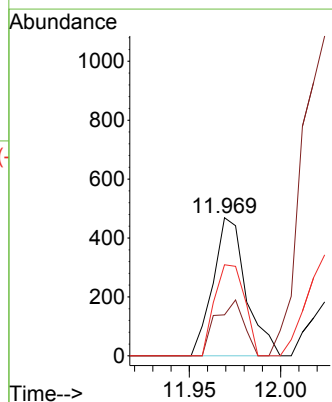
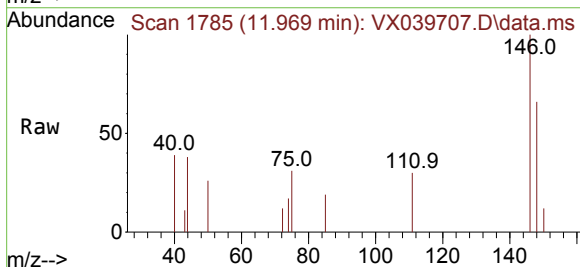
Instrument :
MSVOA_X
ClientSampleId :

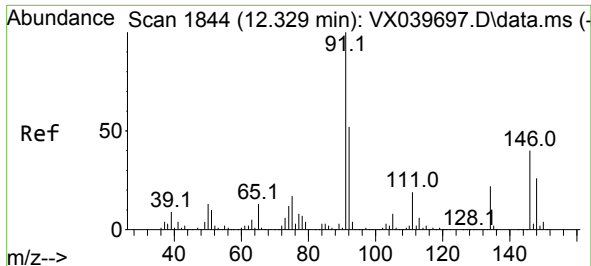
Tgt Ion: 75 Resp: 48950
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.206 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039707.D
Acq: 10 Jan 2024 16:31

Tgt Ion:146 Resp: 591
Ion Ratio Lower Upper
146 100
111 34.2 22.1 66.1
148 59.9 31.8 95.3





#89

n-Butylbenzene

Concen: 0.204 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039707.D

Acq: 10 Jan 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

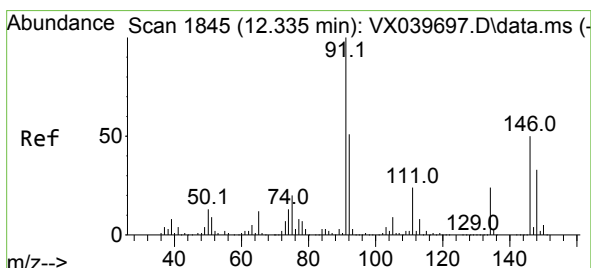
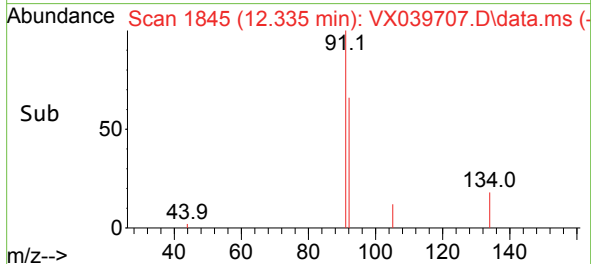
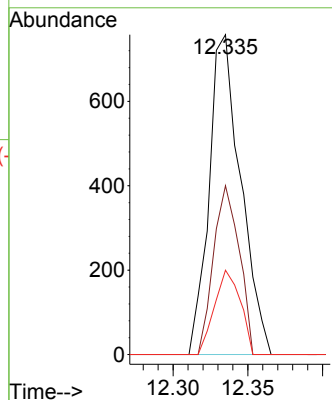
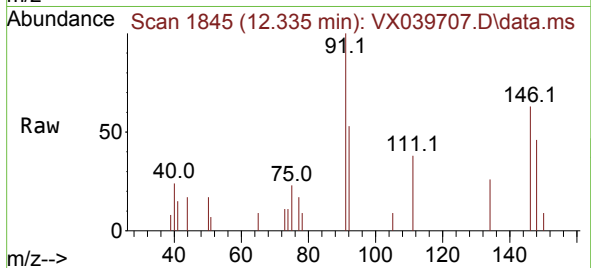
Tgt Ion: 91 Resp: 1116

Ion Ratio Lower Upper

91 100

92 42.7 27.4 82.0

134 21.5 12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.221 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039707.D

Acq: 10 Jan 2024 16:31

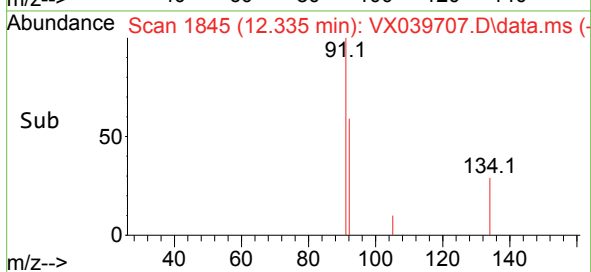
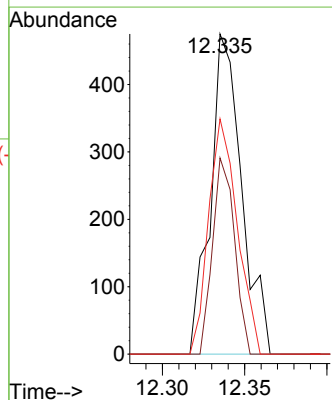
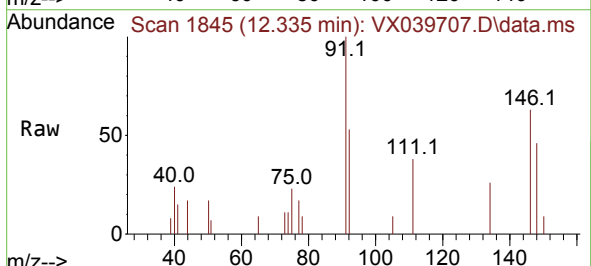
Tgt Ion:146 Resp: 628

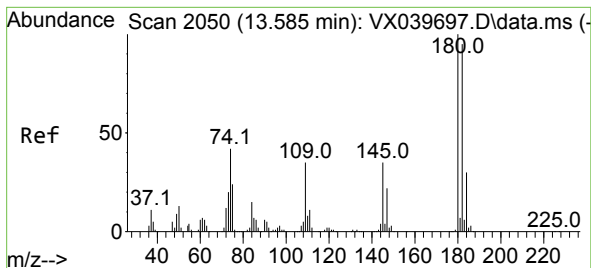
Ion Ratio Lower Upper

146 100

111 43.0 22.4 67.0

148 67.4 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.609 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039707.D

Acq: 10 Jan 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

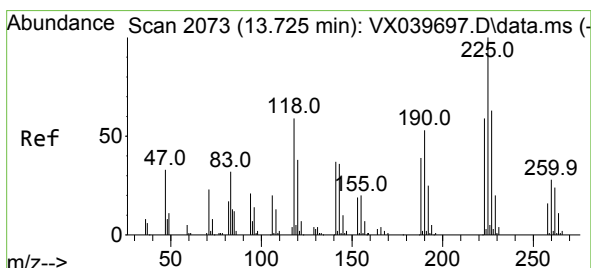
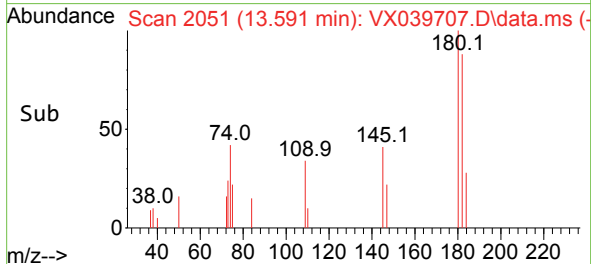
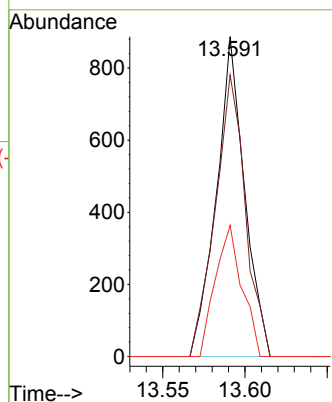
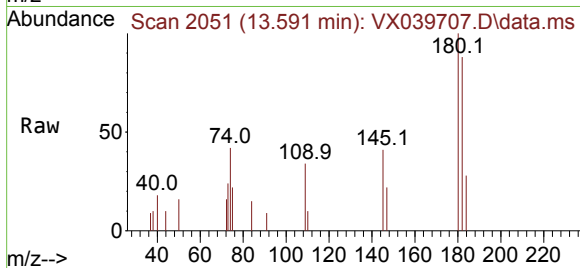
Tgt Ion:180 Resp: 1056

Ion Ratio Lower Upper

180 100

182 93.8 48.3 144.8

145 38.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.607 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039707.D

Acq: 10 Jan 2024 16:31

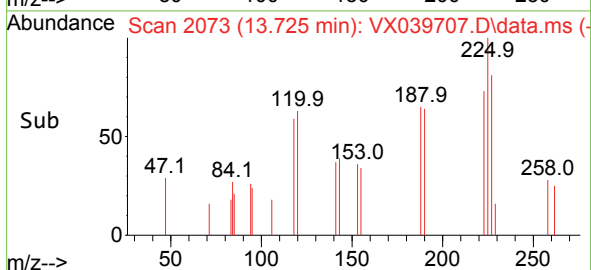
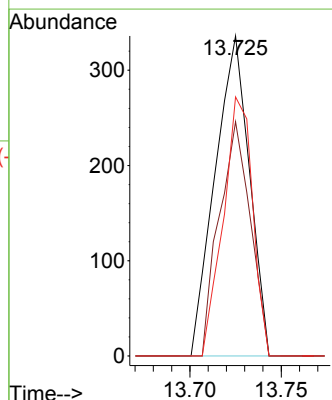
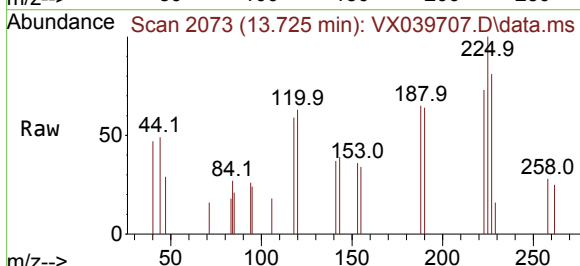
Tgt Ion:225 Resp: 438

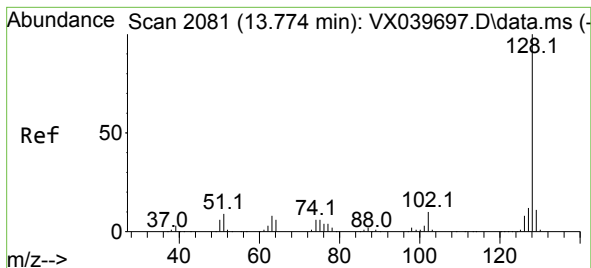
Ion Ratio Lower Upper

225 100

223 66.2 31.1 93.2

227 69.2 32.5 97.5





#95

Naphthalene

Concen: 0.415 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX039707.D

Acq: 10 Jan 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

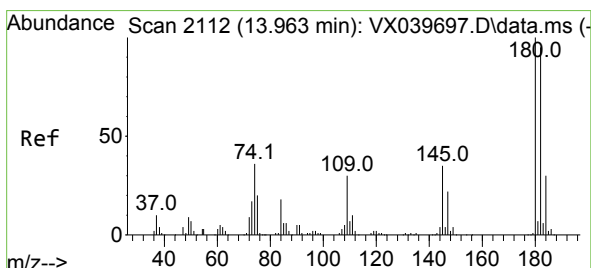
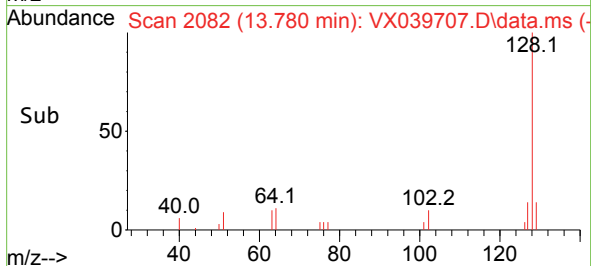
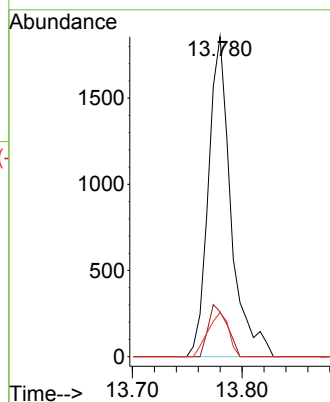
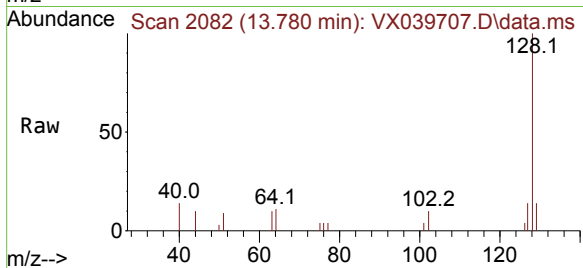
Tgt Ion:128 Resp: 2648

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 12.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.302 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039707.D

Acq: 10 Jan 2024 16:31

Tgt Ion:180 Resp: 529

Ion Ratio Lower Upper

180 100

182 78.1 46.9 140.6

145 21.0 17.8 53.5

