

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040076.D
 Acq On : 02 Feb 2024 11:00
 Operator : JC/MD
 Sample : VX0202WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0202WBL01

Quant Time: Feb 03 02:11:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

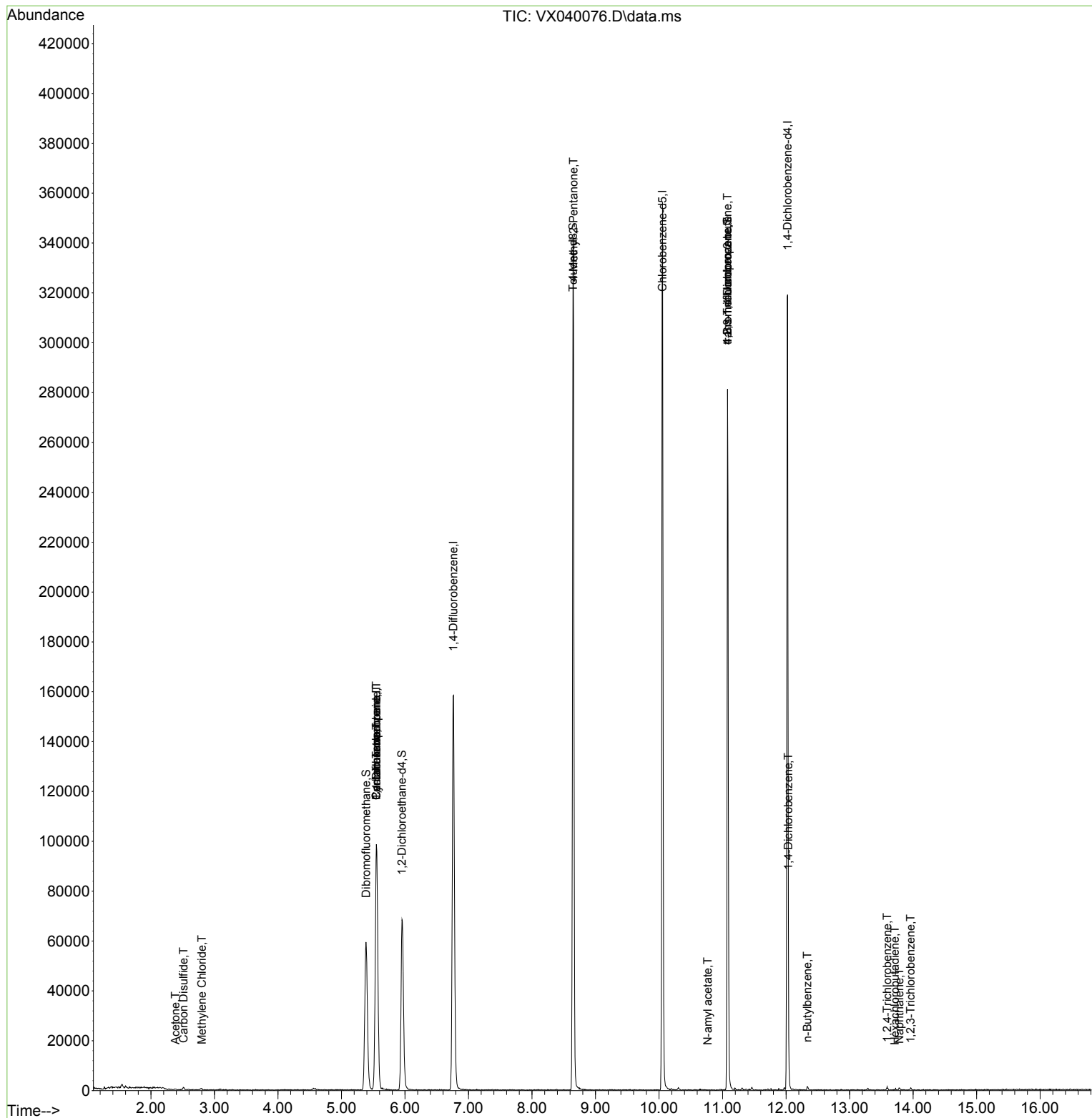
Internal Standards						
1) Pentafluorobenzene	5.550	168	87011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66312	47.354	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	94.700%	
35) Dibromofluoromethane	5.385	113	51285	47.927	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.860%	
50) Toluene-d8	8.647	98	194742	48.664	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.320%	
62) 4-Bromofluorobenzene	11.079	95	73950	47.992	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	95.980%	
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	245	0.373	ug/l #	47
17) Carbon Disulfide	2.513	76	1073	0.375	ug/l #	80
20) Methylene Chloride	2.800	84	303	0.260	ug/l #	40
31) Cyclohexane	5.550	56	2544	1.450	ug/l #	54
36) 1,1-Dichloropropene	5.550	75	7758	5.013	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9677	6.535	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	988	0.543	ug/l #	1
74) N-amyl acetate	10.768	43	18	0.207	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	41291	30.464	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41291	87.098	ug/l #	5
88) 1,4-Dichlorobenzene	12.036	146	499	0.229	ug/l #	1
89) n-Butylbenzene	12.335	91	892	0.226	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	509	0.397	ug/l #	70
94) Hexachlorobutadiene	13.713	225	143	0.283	ug/l	85
95) Naphthalene	13.786	128	981	0.225	ug/l #	83
96) 1,2,3-Trichlorobenzene	13.963	180	285	0.225	ug/l #	63

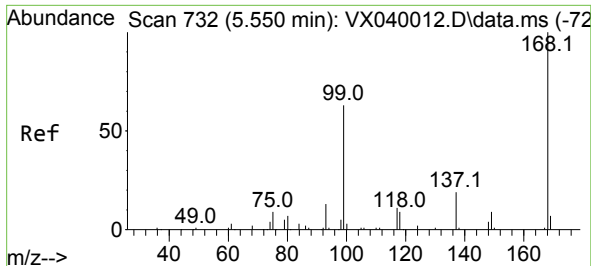
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 03 02:11:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
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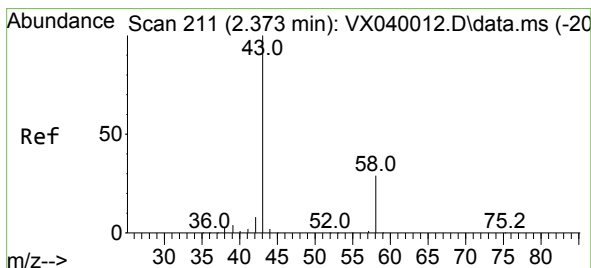
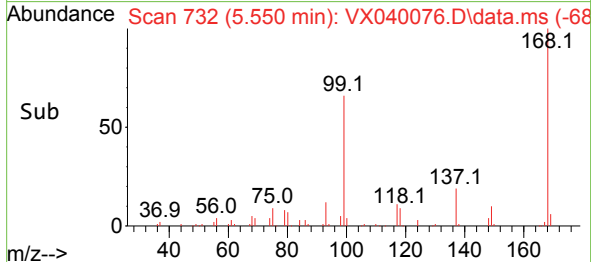
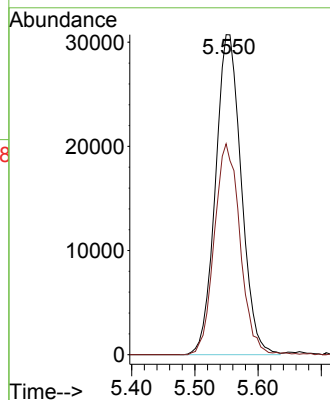
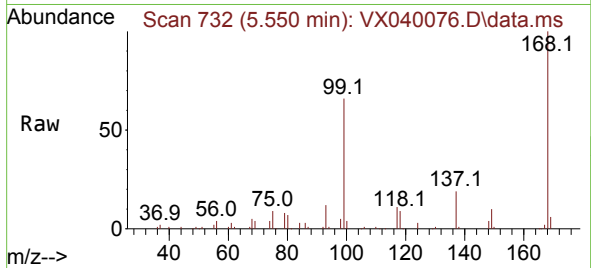




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

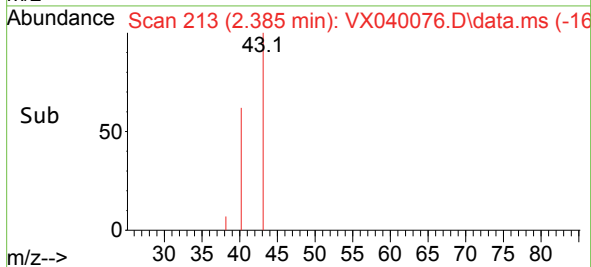
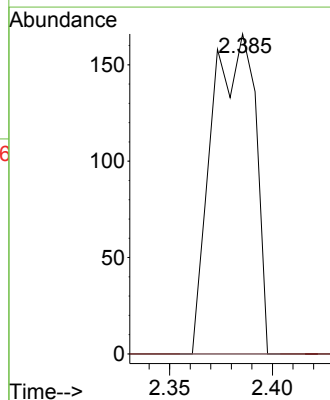
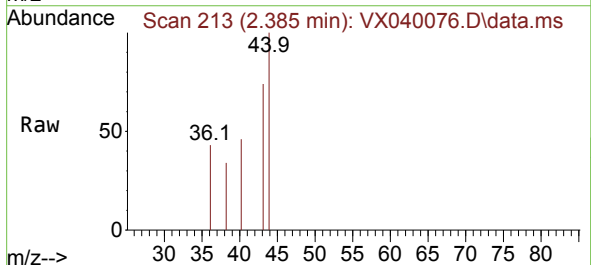
Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

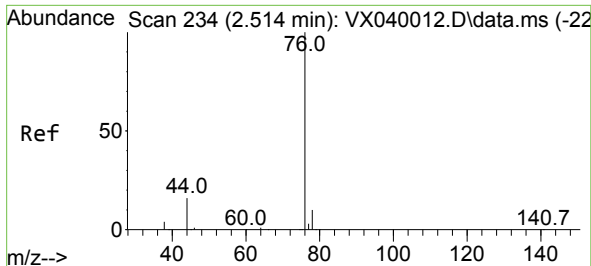
Tgt Ion:168 Resp: 87011
Ion Ratio Lower Upper
168 100
99 65.9 56.6 85.0



#16
Acetone
Concen: 0.373 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.375 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040076.D

Acq: 02 Feb 2024 11:00

Instrument :

MSVOA_X

ClientSampleId :

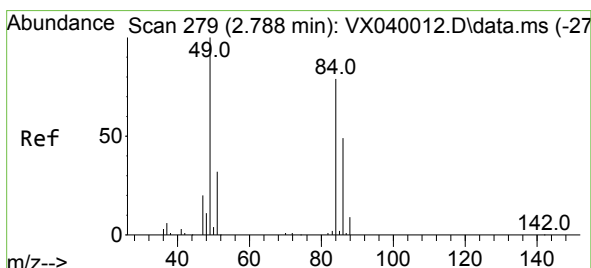
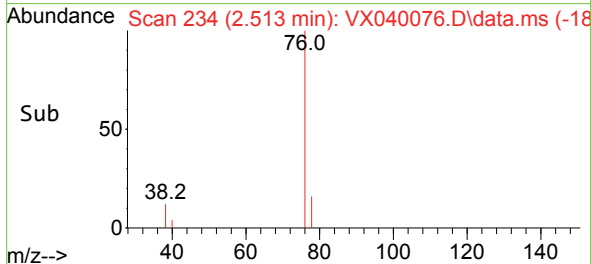
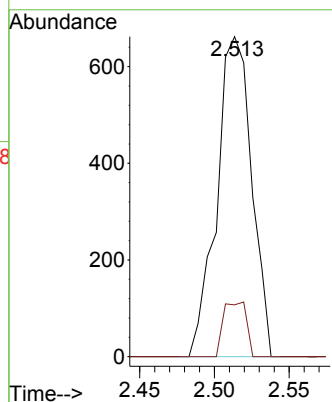
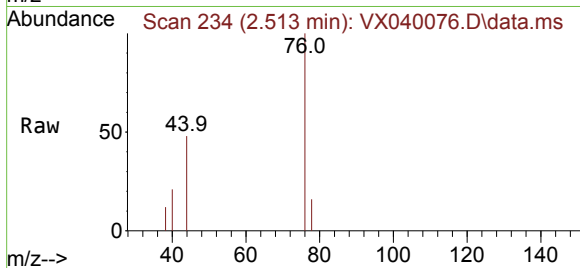
VX0202WBL01

Tgt Ion: 76 Resp: 1073

Ion Ratio Lower Upper

76 100

78 16.2 7.0 10.6#



#20

Methylene Chloride

Concen: 0.260 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX040076.D

Acq: 02 Feb 2024 11:00

Tgt Ion: 84 Resp: 303

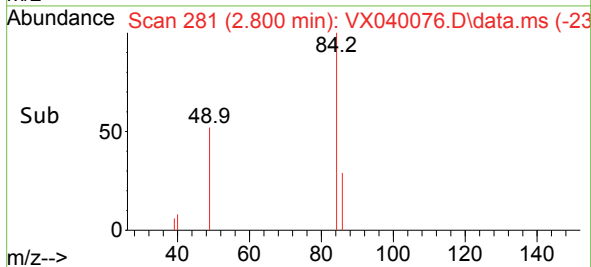
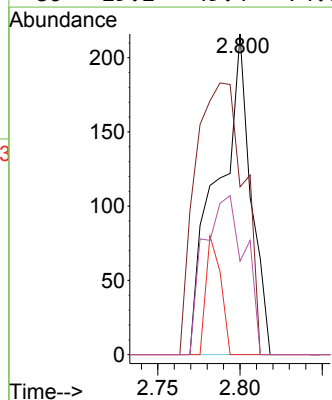
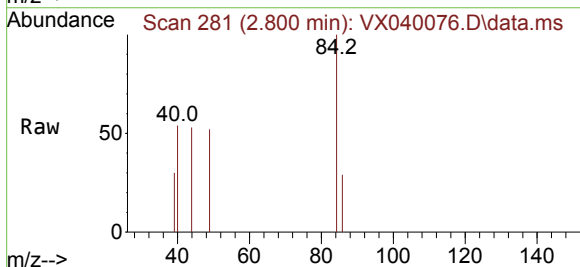
Ion Ratio Lower Upper

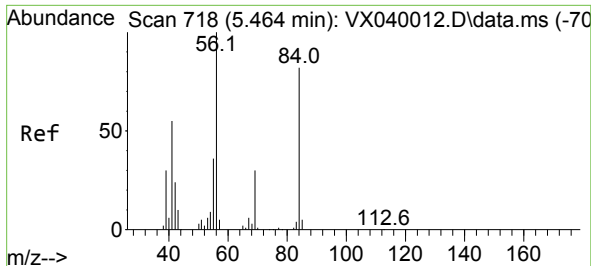
84 100

49 52.3 103.6 155.4#

51 0.0 33.8 50.6#

86 29.2 49.4 74.0#

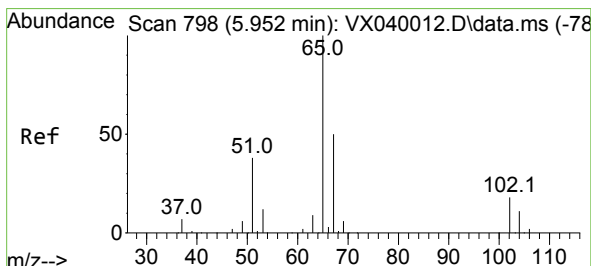
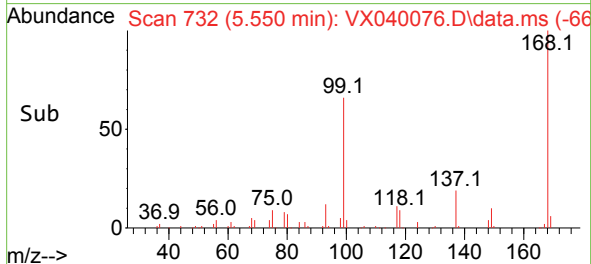
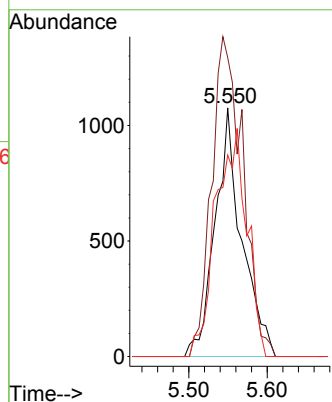
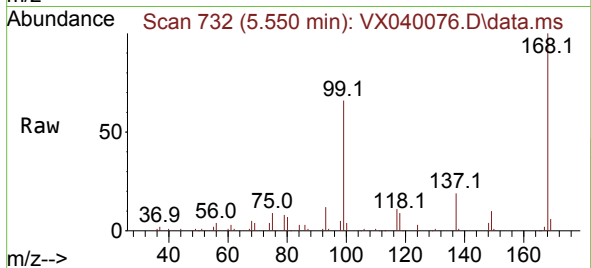




#31
Cyclohexane
Concen: 1.450 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

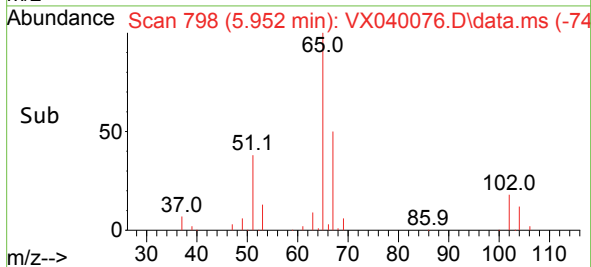
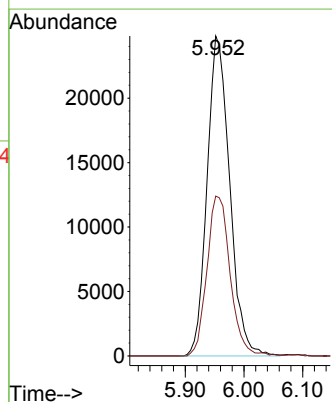
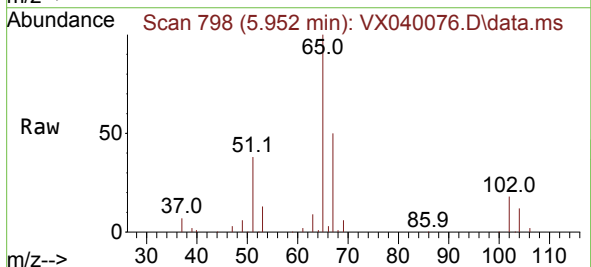
Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

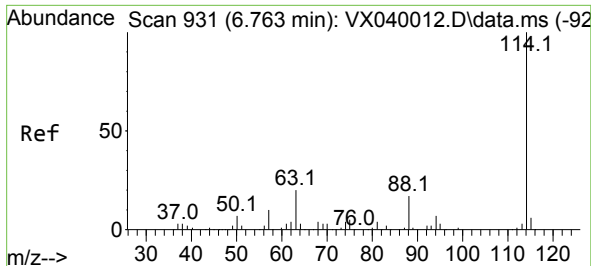
Tgt Ion: 56 Resp: 2544
Ion Ratio Lower Upper
56 100
69 120.2 23.4 35.2#
84 81.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.354 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

Tgt Ion: 65 Resp: 66312
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

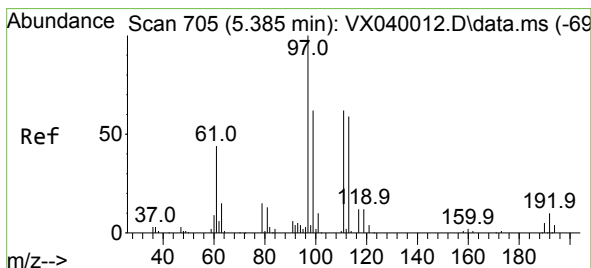
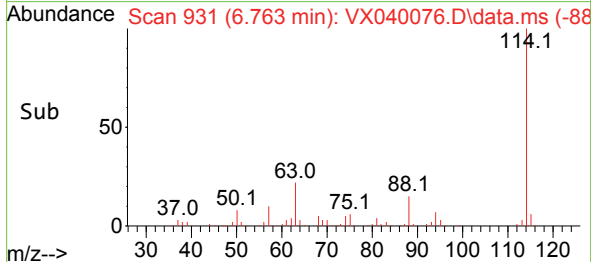
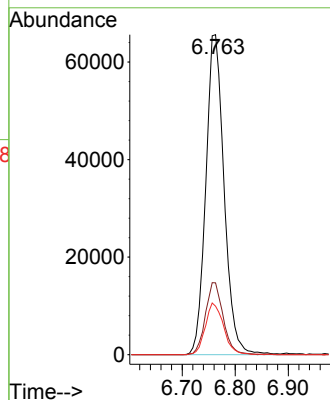
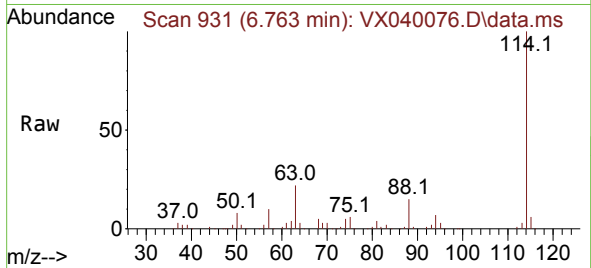




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

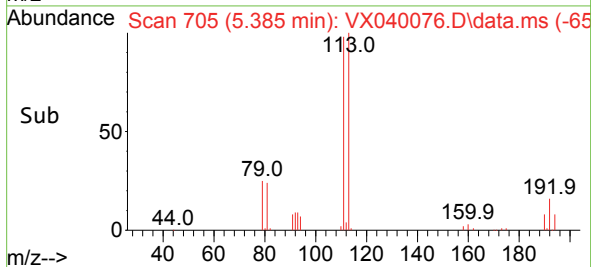
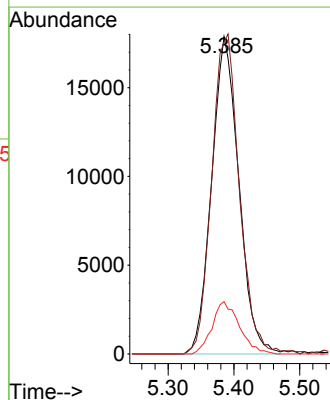
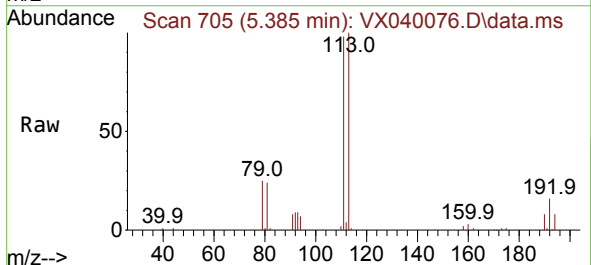
Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

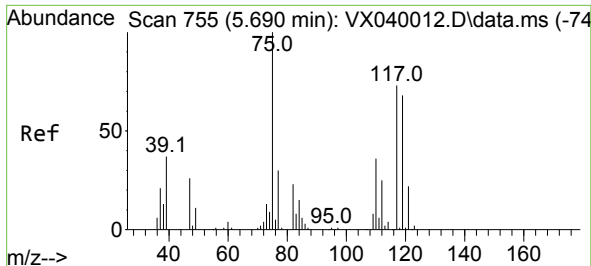
Tgt Ion:114 Resp: 157194
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.927 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

Tgt Ion:113 Resp: 51285
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.6 13.3 19.9

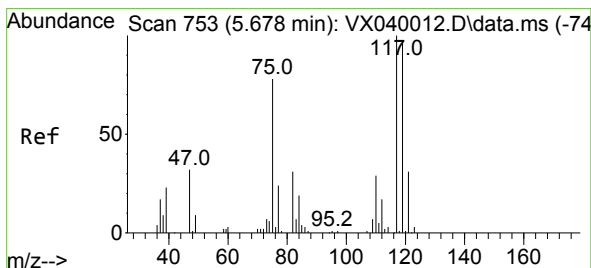
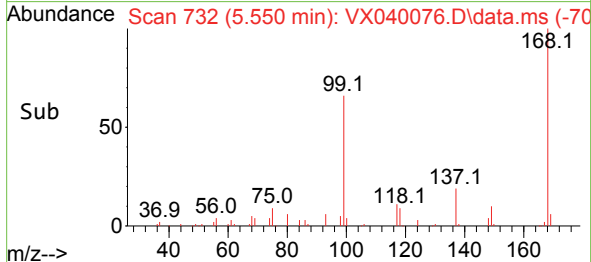
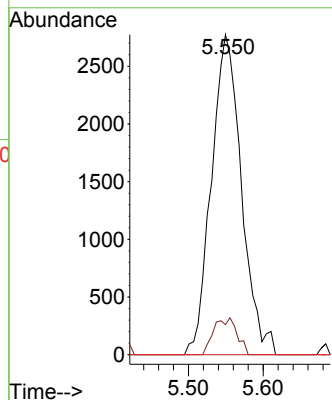
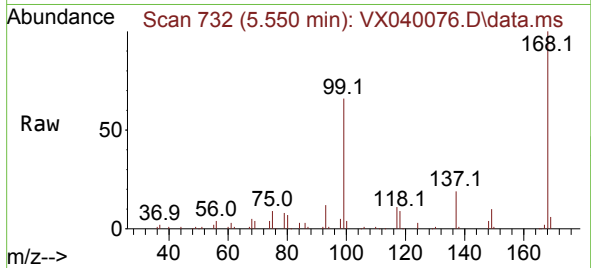




#36
1,1-Dichloropropene
Concen: 5.013 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

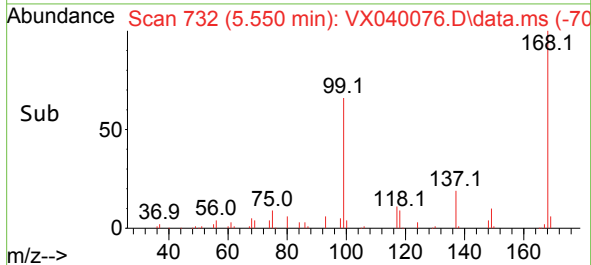
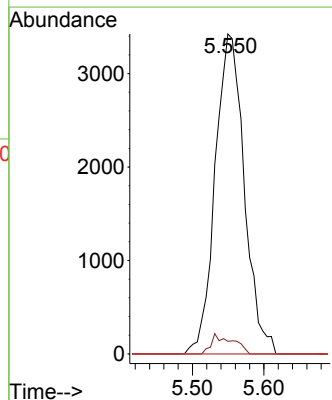
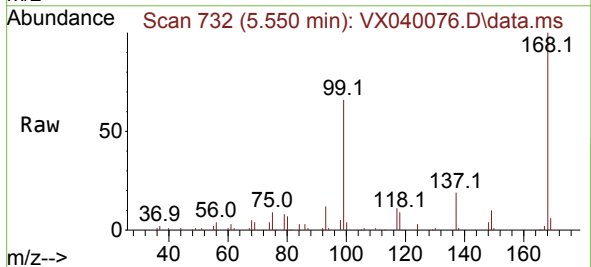
Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

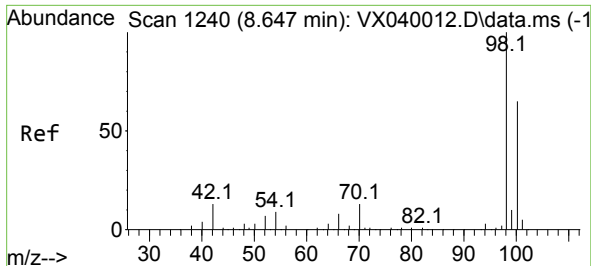
Tgt Ion: 75 Resp: 7758
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.535 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

Tgt Ion: 117 Resp: 9677
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#

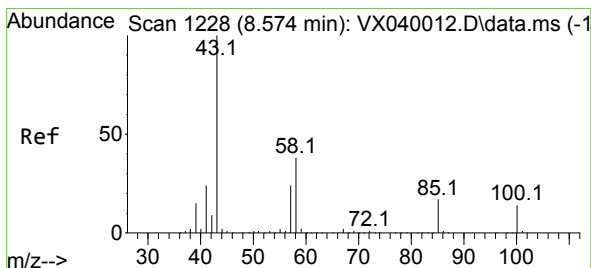
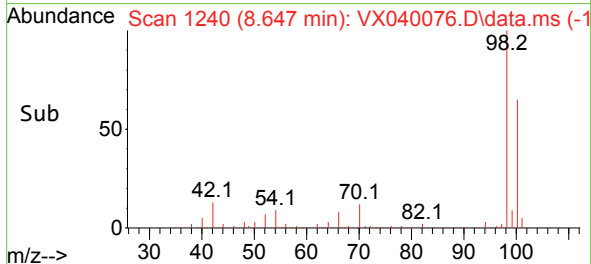
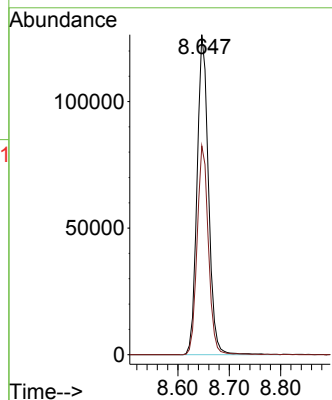
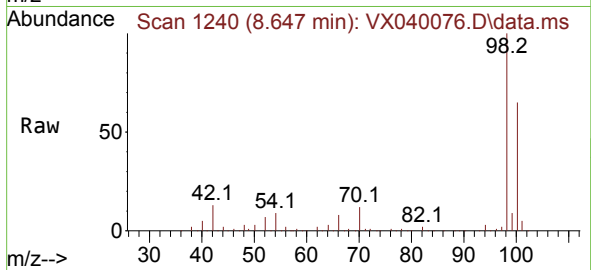




#50
Toluene-d8
Concen: 48.664 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

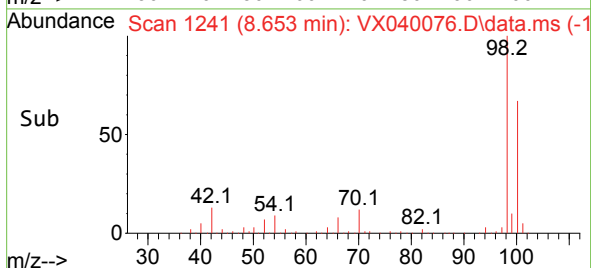
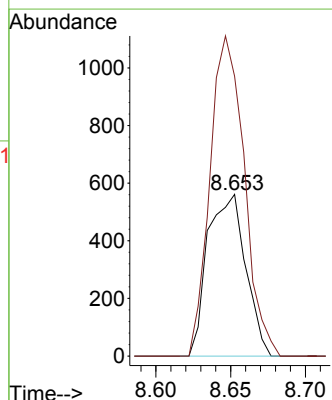
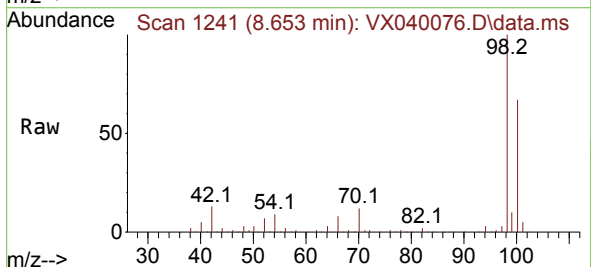
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VX0202WBL01

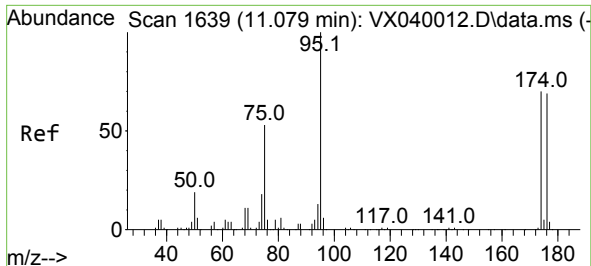
Tgt Ion: 98 Resp: 194742
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.543 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 179.4 30.4 45.6#

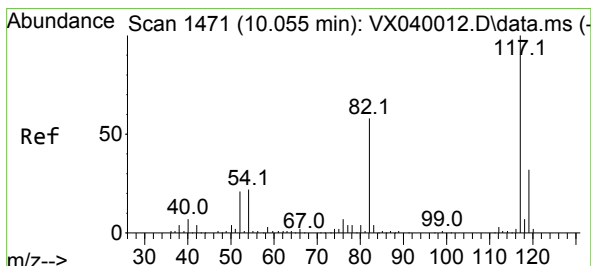
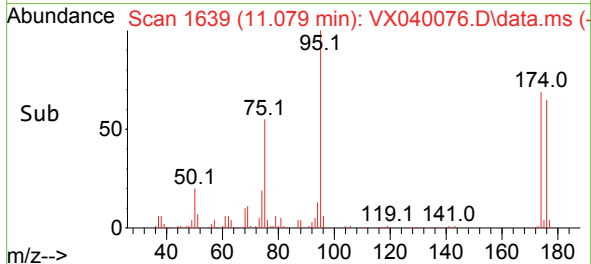
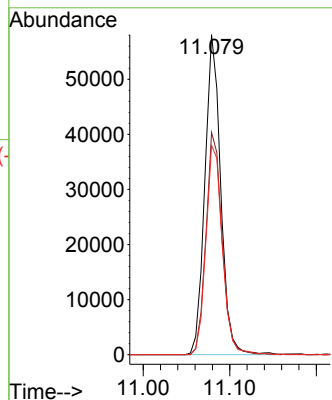
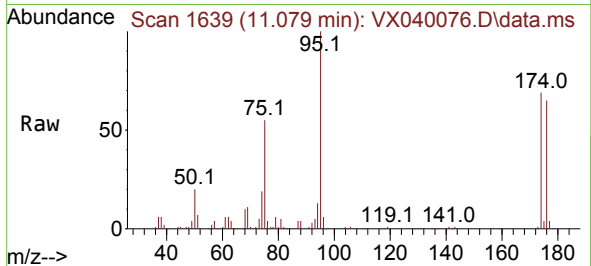




#62
4-Bromofluorobenzene
Concen: 47.992 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

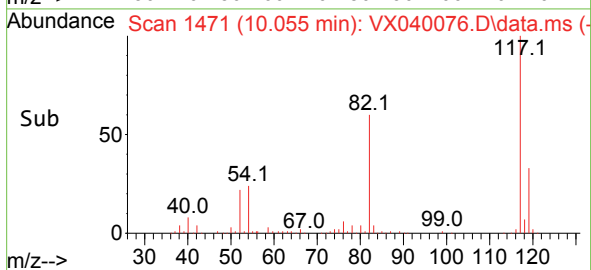
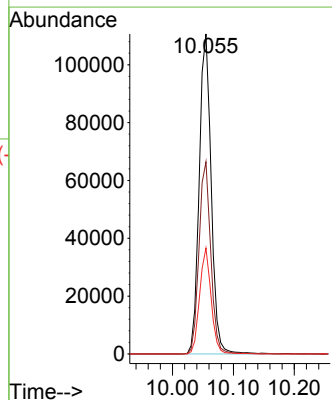
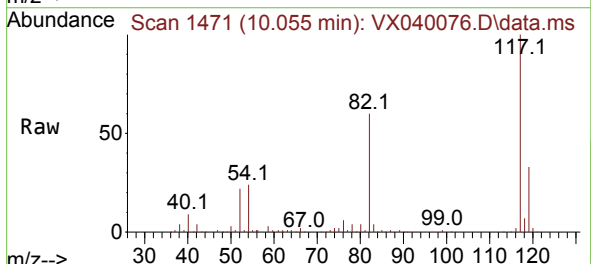
Instrument :
MSVOA_X
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VX0202WBL01

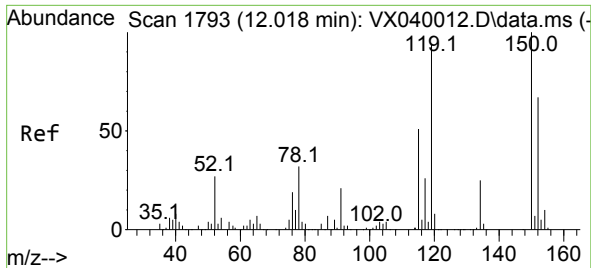
Tgt Ion: 95 Resp: 73950
Ion Ratio Lower Upper
95 100
174 71.1 0.0 135.6
176 67.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

Tgt Ion: 117 Resp: 150893
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 33.1 25.5 38.3

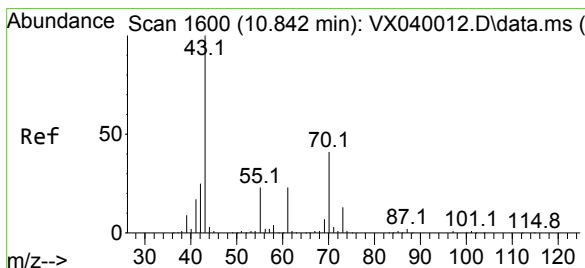
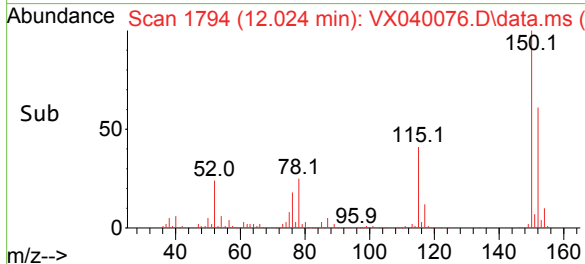
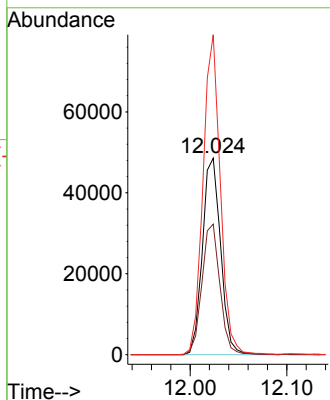
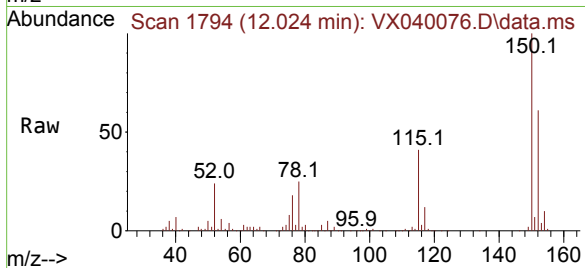




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

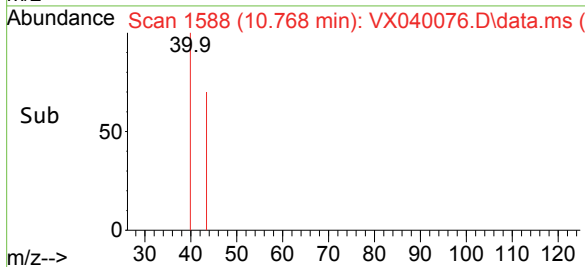
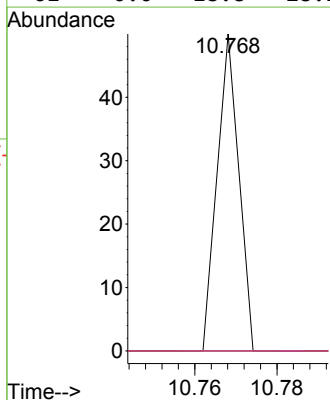
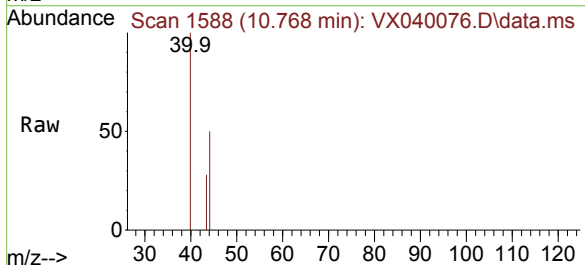
Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

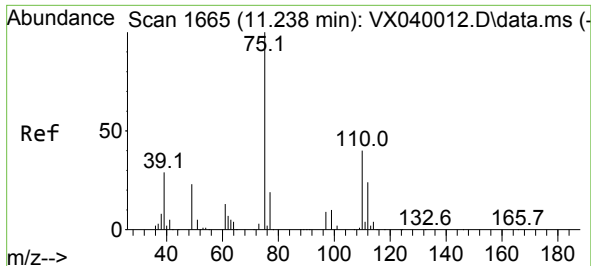
Tgt Ion:152 Resp: 63649
Ion Ratio Lower Upper
152 100
115 65.6 43.3 129.9
150 154.6 0.0 345.0



#74
N-ethyl acetate
Concen: 0.207 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.074 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

Tgt Ion: 43 Resp: 18
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 19.3 28.9#
61 0.0 18.8 28.2#

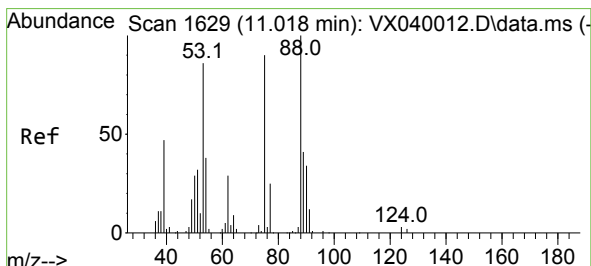
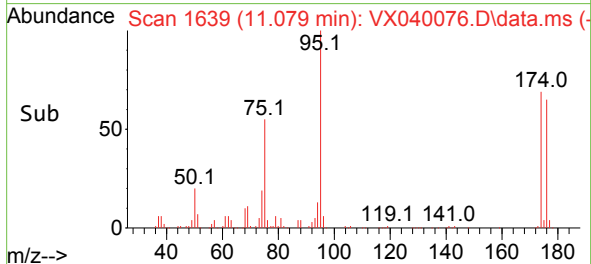
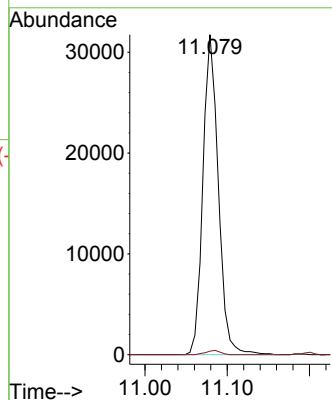
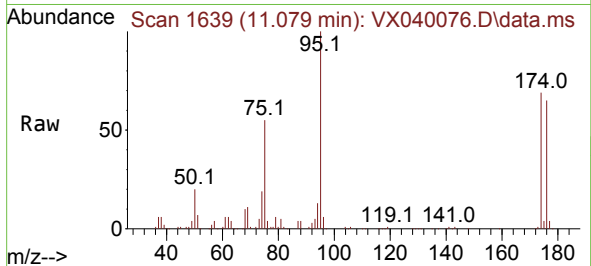




#76
1,2,3-Trichloropropane
Concen: 30.464 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

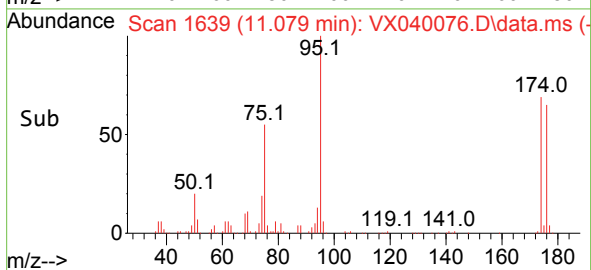
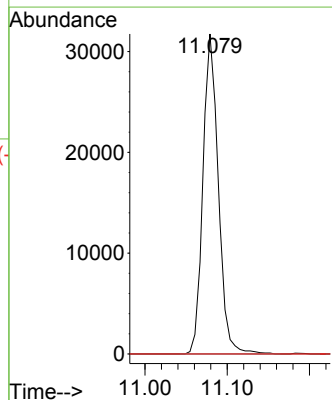
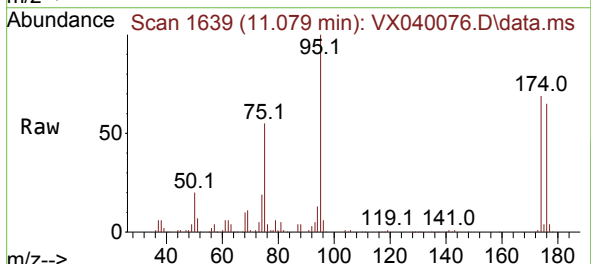
Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

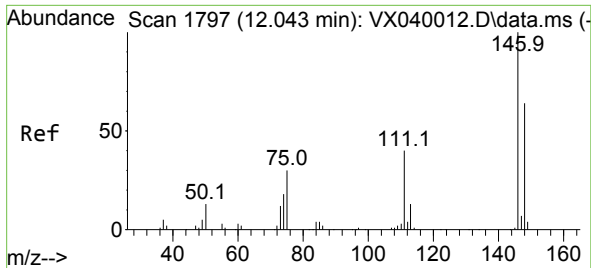
Tgt Ion: 75 Resp: 41291
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.098 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

Tgt Ion: 75 Resp: 41291
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

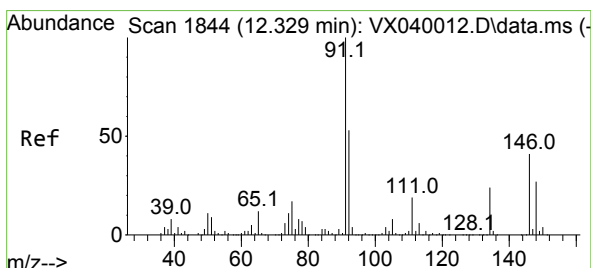
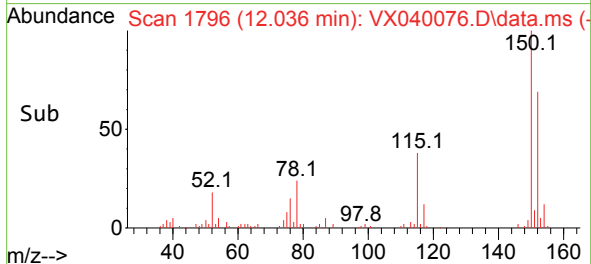
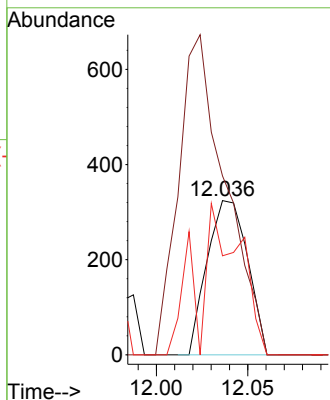
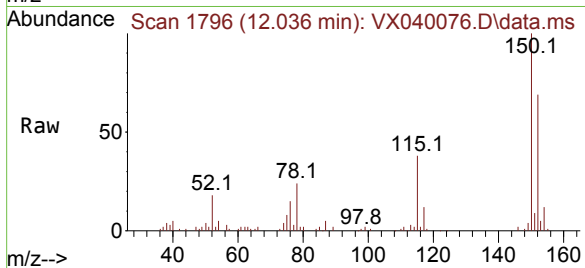




#88
1,4-Dichlorobenzene
Concen: 0.229 ug/l
RT: 12.036 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

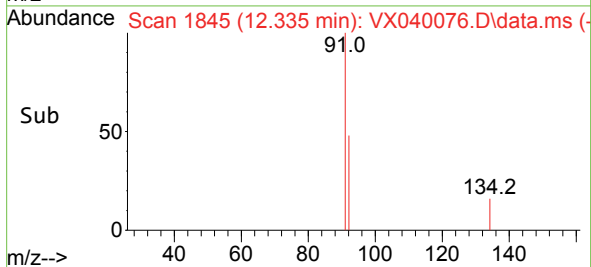
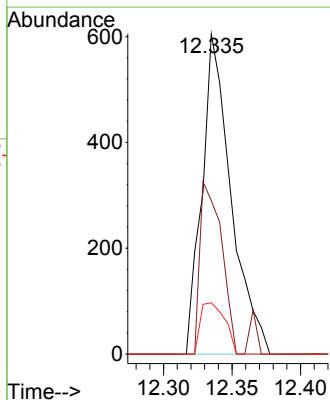
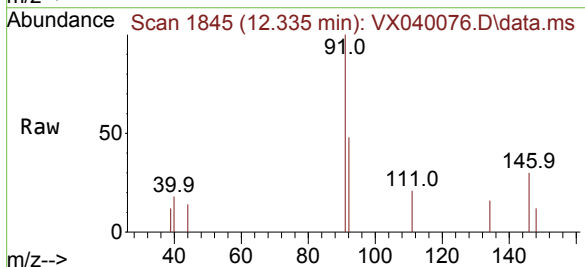
Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

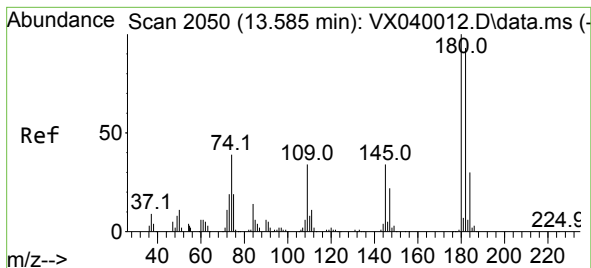
Tgt Ion:146 Resp: 499
Ion Ratio Lower Upper
146 100
111 240.5 21.3 63.7#
148 78.0 31.8 95.4



#89
n-Butylbenzene
Concen: 0.226 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

Tgt Ion: 91 Resp: 892
Ion Ratio Lower Upper
91 100
92 40.0 27.4 82.0
134 13.5 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.397 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040076.D

Acq: 02 Feb 2024 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0202WBL01

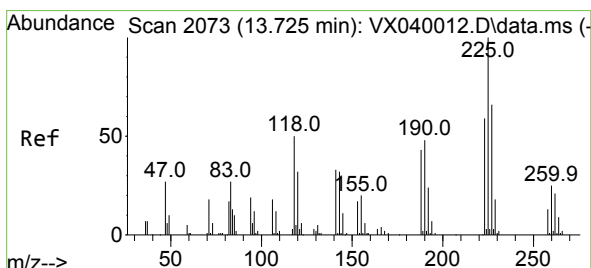
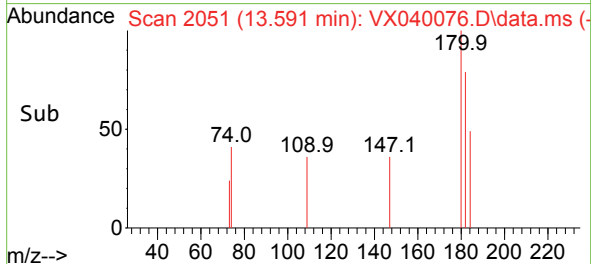
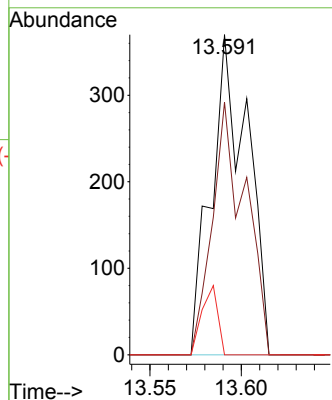
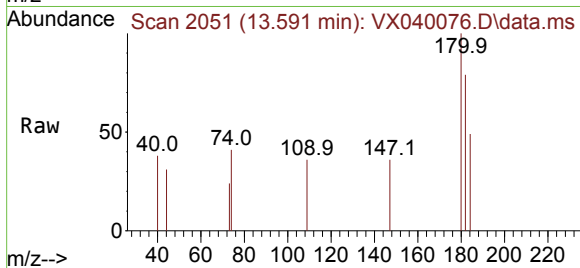
Tgt Ion:180 Resp: 509

Ion Ratio Lower Upper

180 100

182 72.1 48.3 144.8

145 9.4 18.0 54.0#



#94

Hexachlorobutadiene

Concen: 0.283 ug/l

RT: 13.713 min Scan# 2071

Delta R.T. -0.012 min

Lab File: VX040076.D

Acq: 02 Feb 2024 11:00

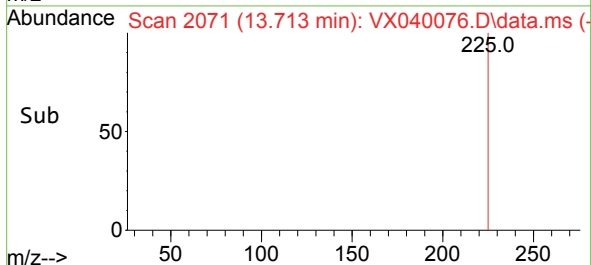
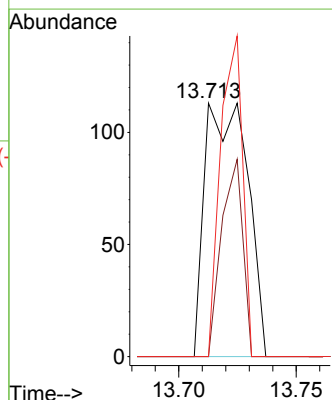
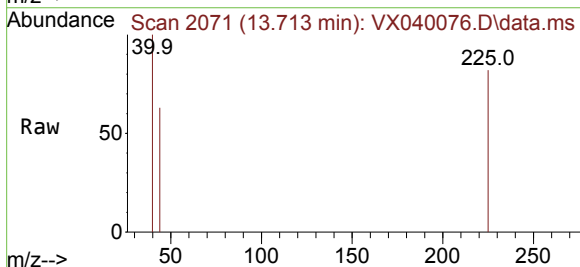
Tgt Ion:225 Resp: 143

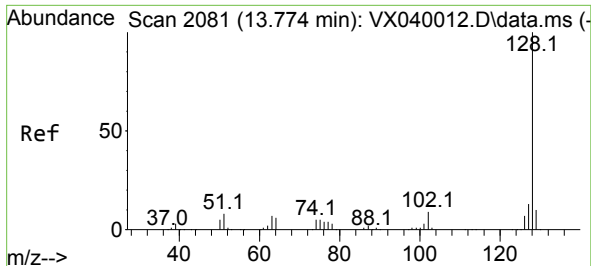
Ion Ratio Lower Upper

225 100

223 38.5 31.1 93.2

227 65.0 32.5 97.5

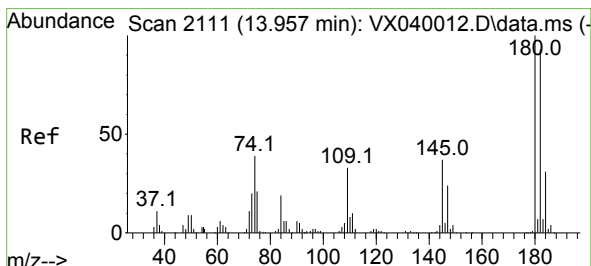
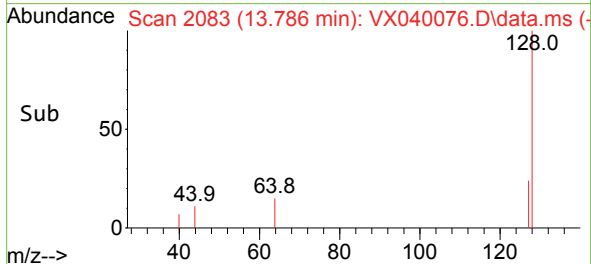
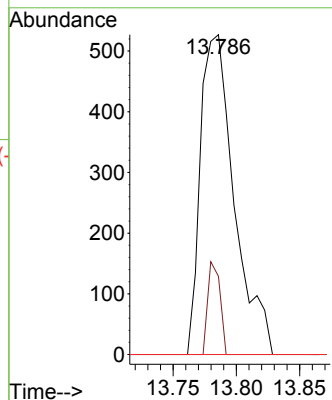
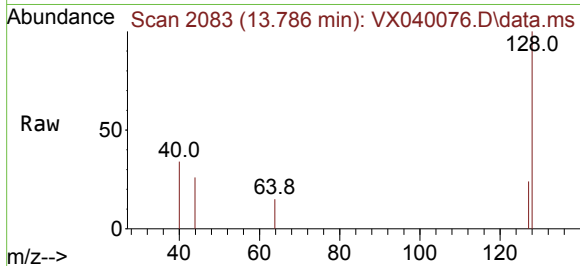




#95
Naphthalene
Concen: 0.225 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

Tgt Ion:128 Resp: 981
Ion Ratio Lower Upper
128 100
127 10.5 10.3 15.5
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.225 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040076.D
Acq: 02 Feb 2024 11:00

Tgt Ion:180 Resp: 285
Ion Ratio Lower Upper
180 100
182 120.7 46.9 140.6
145 0.0 17.8 53.5#

