

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040087.D
 Acq On : 02 Feb 2024 15:16
 Operator : JC/MD
 Sample : P1343-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-640-642

Quant Time: Feb 03 02:17:16 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)

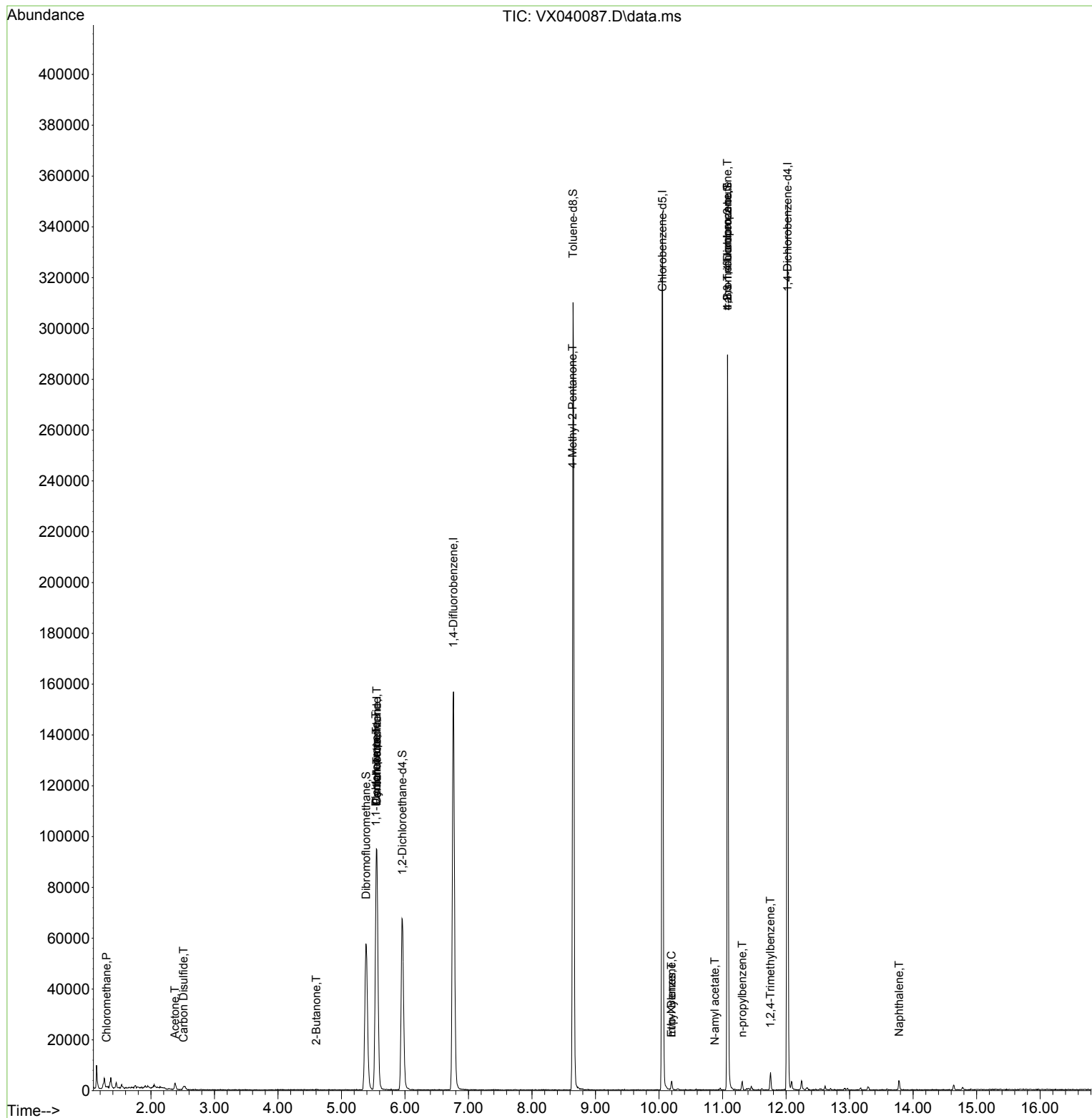
Internal Standards						
1) Pentafluorobenzene	5.556	168	86830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64800	46.371	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.740%
35) Dibromofluoromethane	5.385	113	49704	47.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	8.647	98	181611	45.981	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.960%#
62) 4-Bromofluorobenzene	11.079	95	74410	48.927	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.860%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	223	0.240	ug/l #	43
16) Acetone	2.380	43	2508	3.830	ug/l	100
17) Carbon Disulfide	2.514	76	1479	0.518	ug/l #	76
25) 2-Butanone	4.605	43	231	0.254	ug/l #	51
31) Cyclohexane	5.550	56	2446	1.397	ug/l #	29
36) 1,1-Dichloropropene	5.544	75	7884	5.162	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9420	6.445	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	827	0.461	ug/l #	1
67) Ethyl Benzene	10.195	91	2289	0.416	ug/l	92
68) m/p-Xylenes	10.195	106	820	0.396	ug/l #	53
74) N-amyl acetate	10.878	43	21	0.207	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	41561	27.578	ug/l #	39
78) n-propylbenzene	11.311	91	2344	0.375	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	41561	80.227	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	3226	0.740	ug/l	94
95) Naphthalene	13.780	128	3088	0.638	ug/l #	94

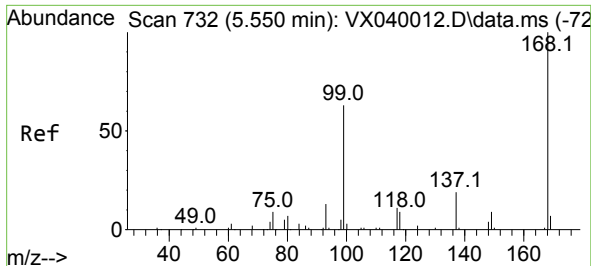
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-640-642

Quant Time: Feb 03 02:17:16 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

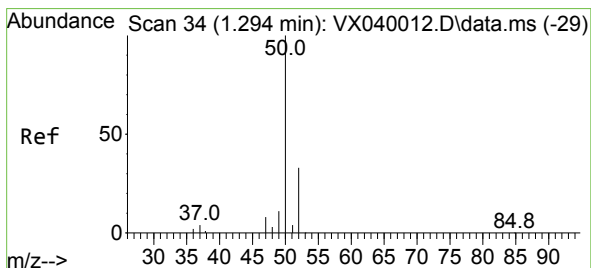
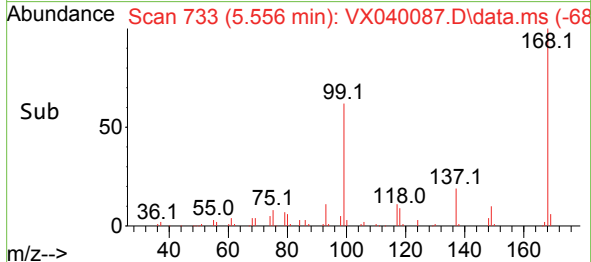
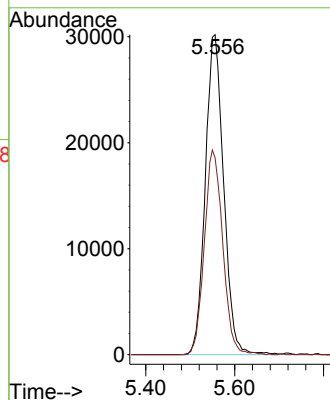
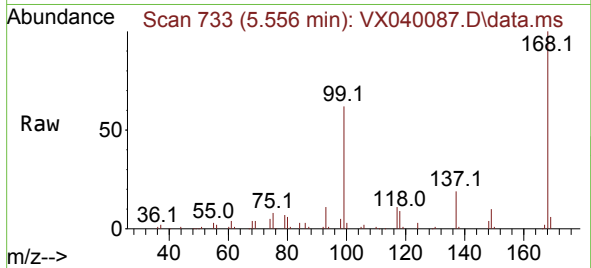




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

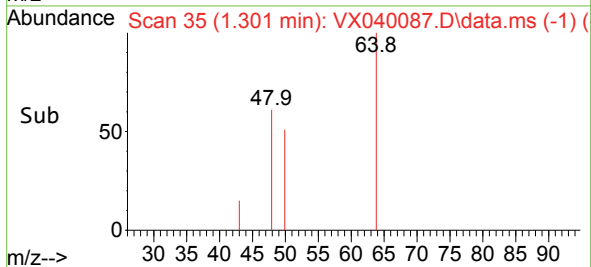
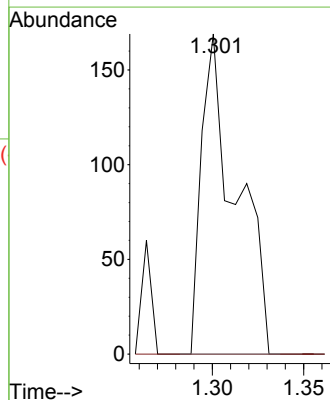
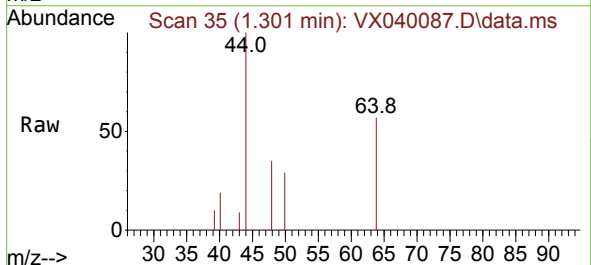
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-640-642

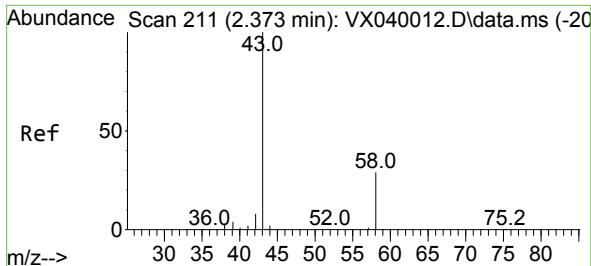
Tgt Ion:168 Resp: 86830
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#3
Chloromethane
Concen: 0.240 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

Tgt Ion: 50 Resp: 223
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

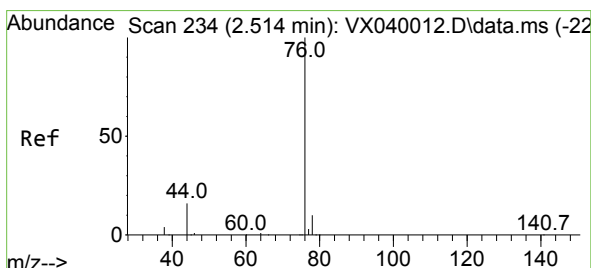
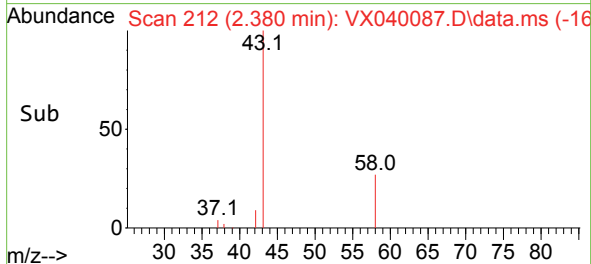
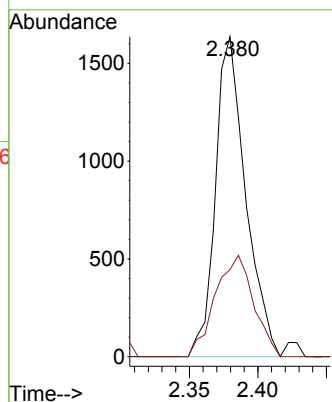
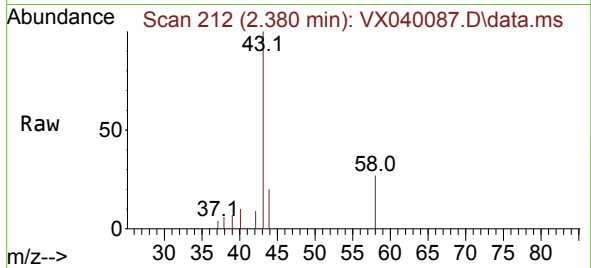




#16
Acetone
Concen: 3.830 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

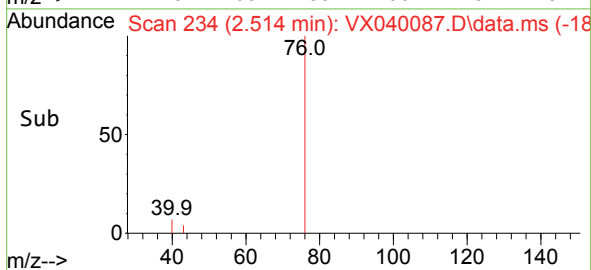
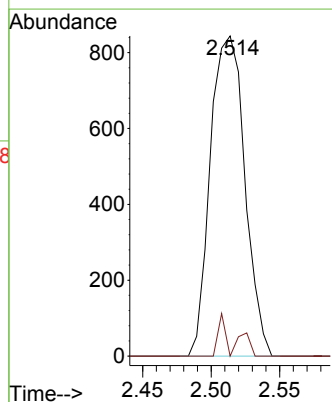
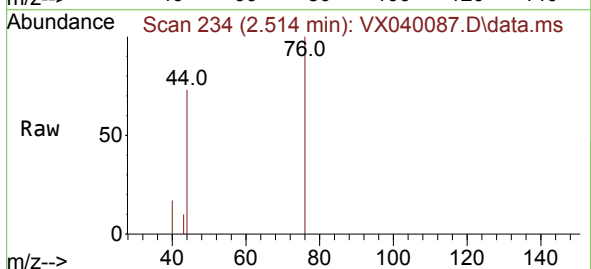
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-640-642

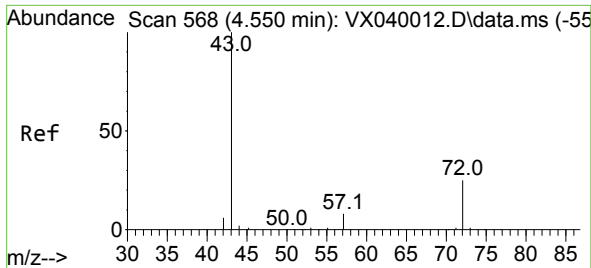
Tgt Ion: 43 Resp: 2508
Ion Ratio Lower Upper
43 100
58 27.2 21.9 32.9



#17
Carbon Disulfide
Concen: 0.518 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

Tgt Ion: 76 Resp: 1479
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

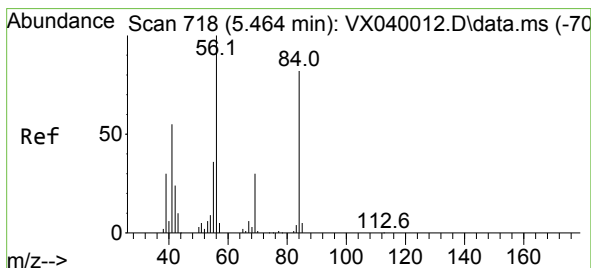
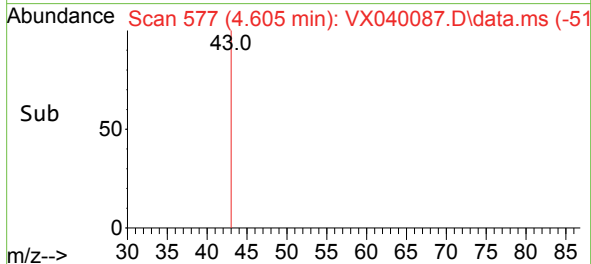
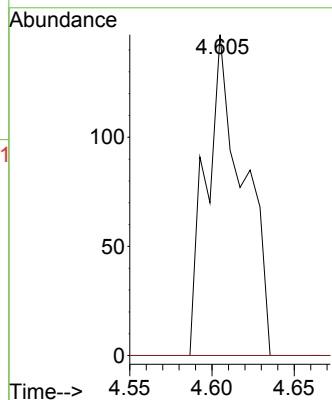
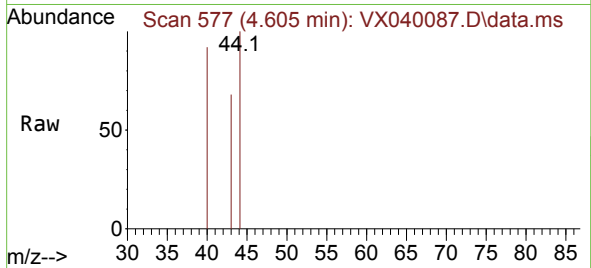




#25
2-Butanone
Concen: 0.254 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

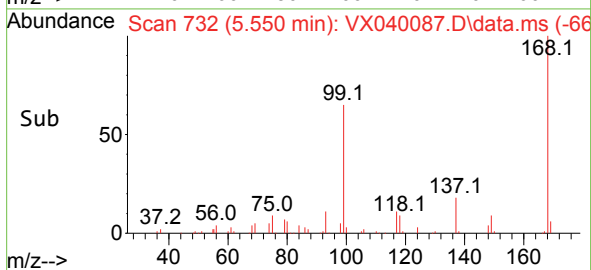
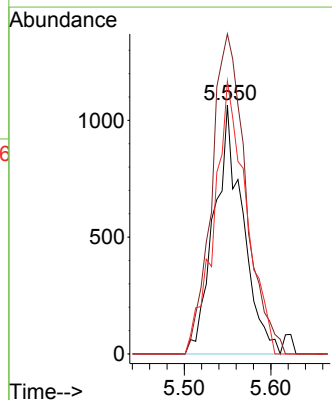
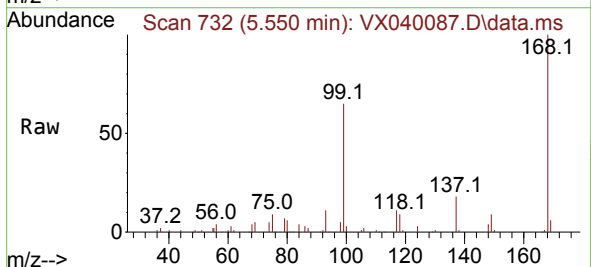
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-640-642

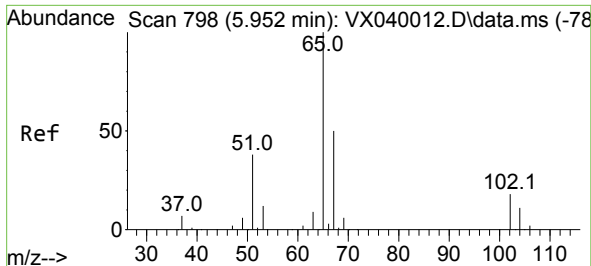
Tgt Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.397 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

Tgt Ion: 56 Resp: 2446
Ion Ratio Lower Upper
56 100
69 128.5 23.4 35.2#
84 109.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.371 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040087.D

Acq: 02 Feb 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

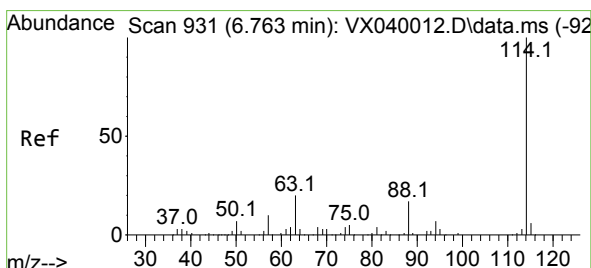
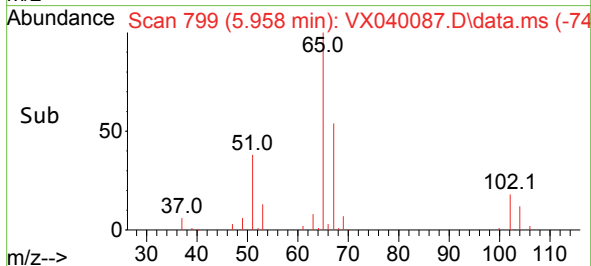
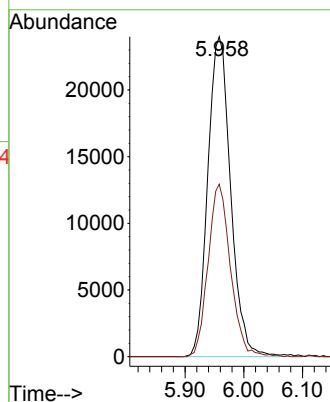
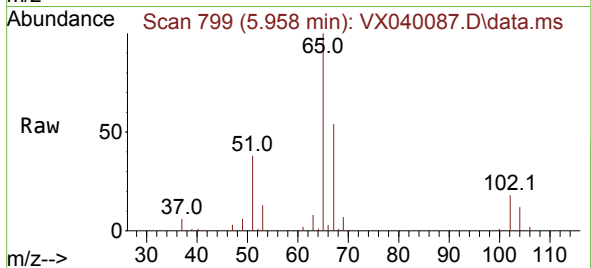
BP-VPB-195-GW-640-642

Tgt Ion: 65 Resp: 64800

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040087.D

Acq: 02 Feb 2024 15:16

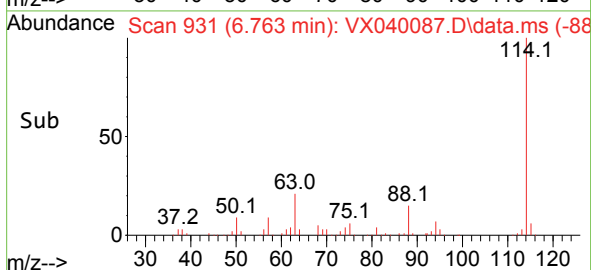
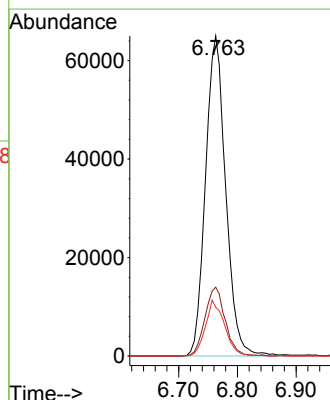
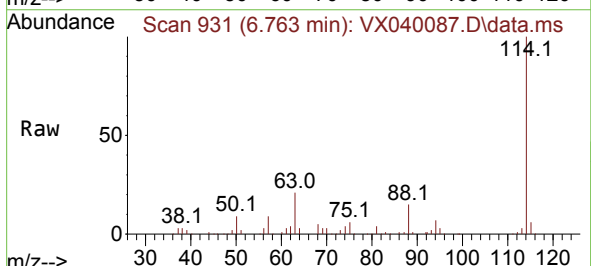
Tgt Ion: 114 Resp: 155147

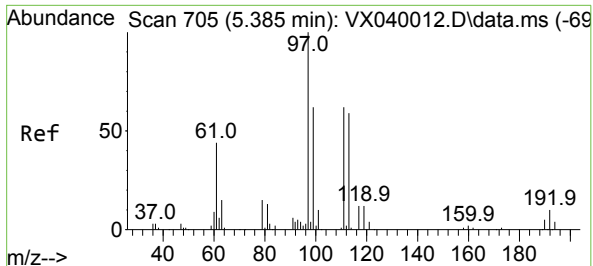
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 15.2 0.0 36.6

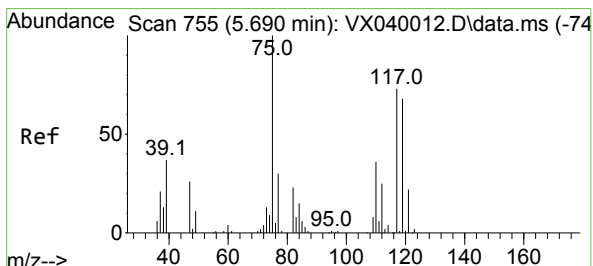
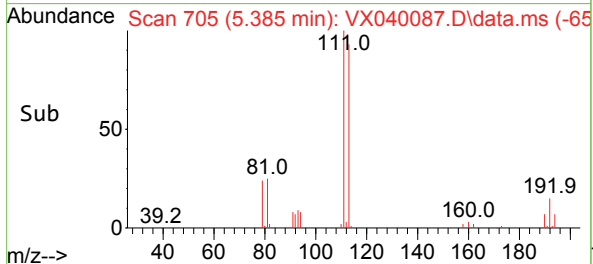
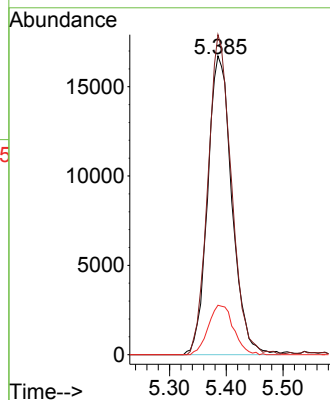
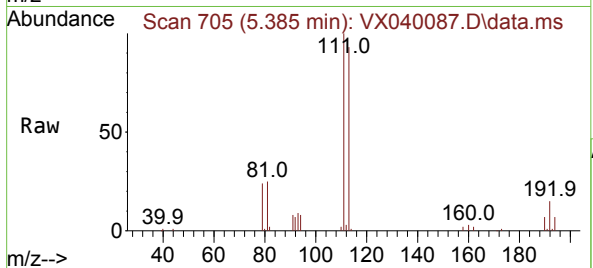




#35
Dibromofluoromethane
Concen: 47.062 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

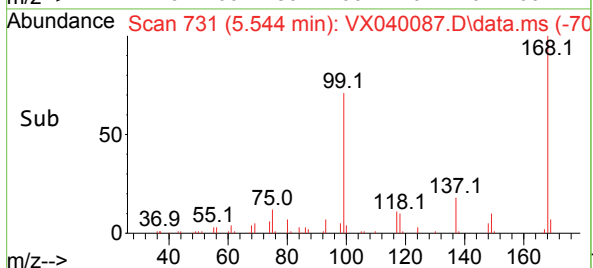
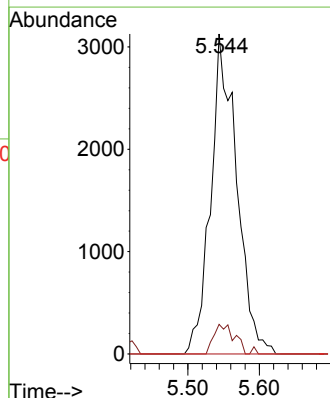
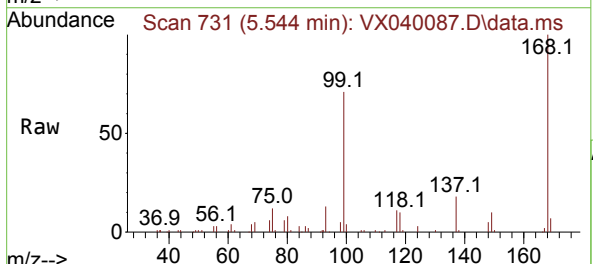
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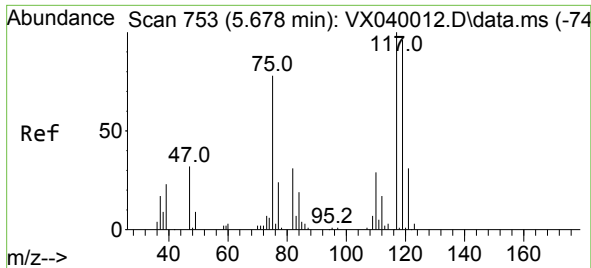
Tgt Ion:113 Resp: 49704
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 17.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.162 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

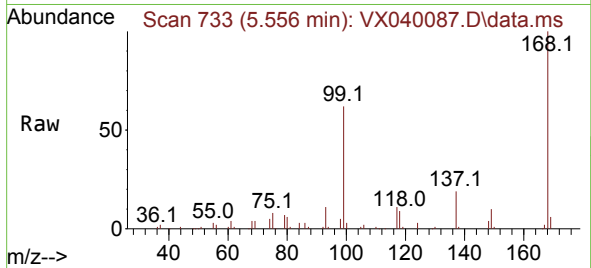
Tgt Ion: 75 Resp: 7884
Ion Ratio Lower Upper
75 100
110 7.3 17.0 50.9#
77 0.0 24.7 37.1#



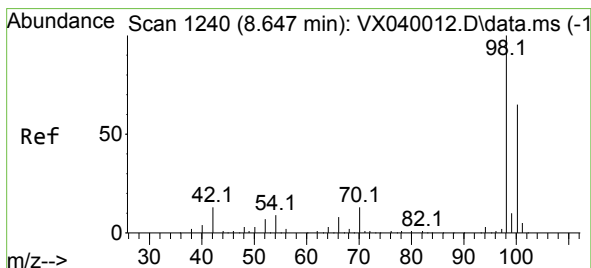
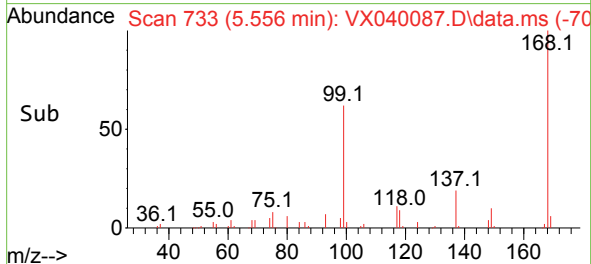
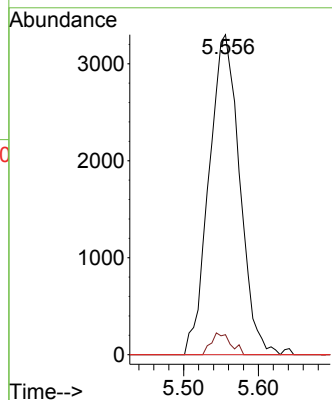


#38
Carbon Tetrachloride
Concen: 6.445 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

Instrument :
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ClientSampleId :
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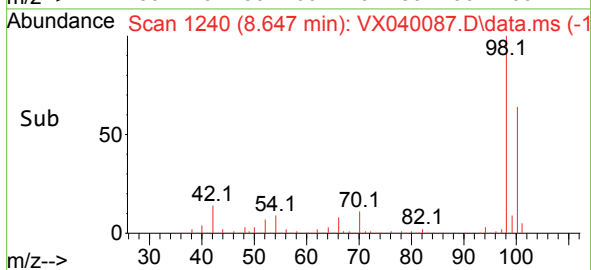
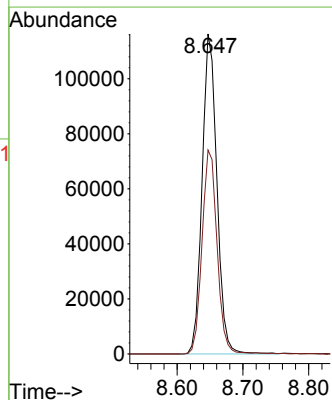
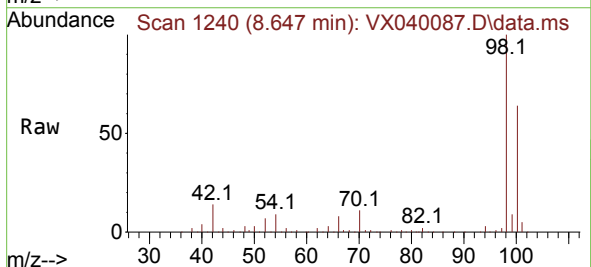


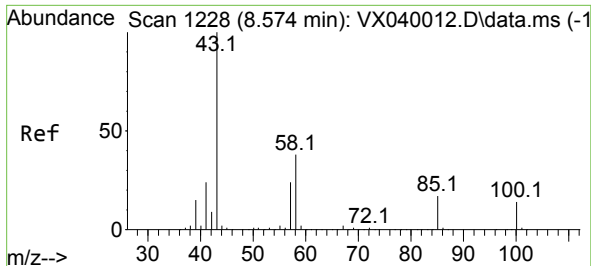
Tgt Ion:117 Resp: 9420
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.981 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

Tgt Ion: 98 Resp: 181611
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

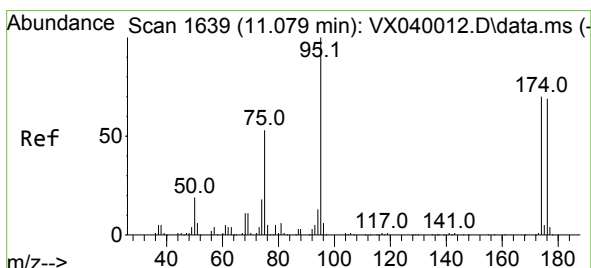
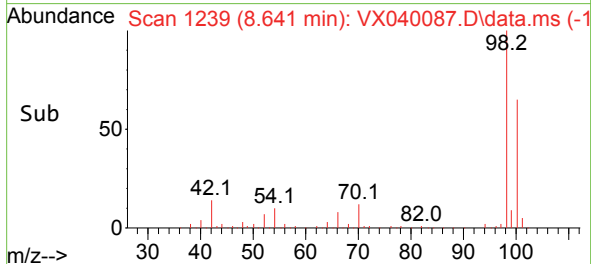
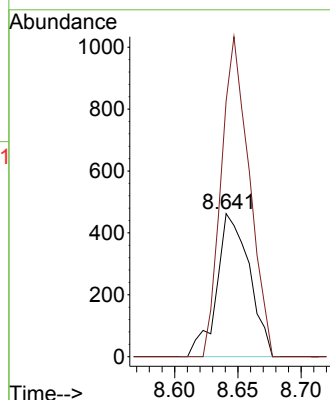
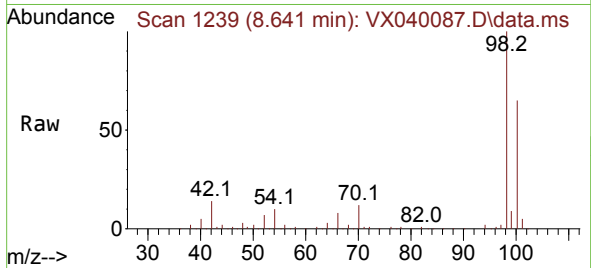




#51
4-Methyl-2-Pentanone
Concen: 0.461 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

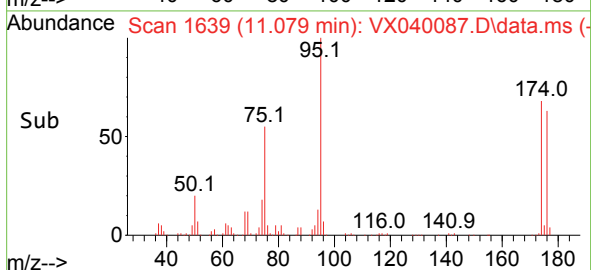
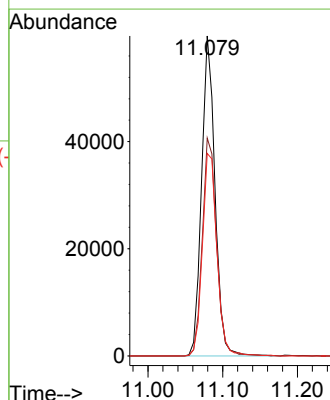
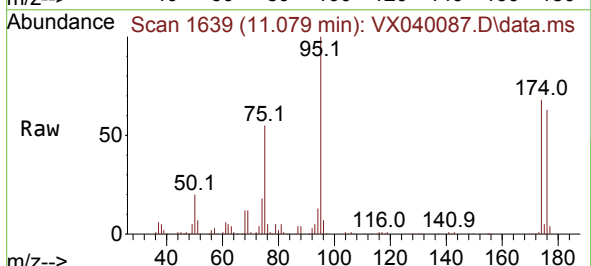
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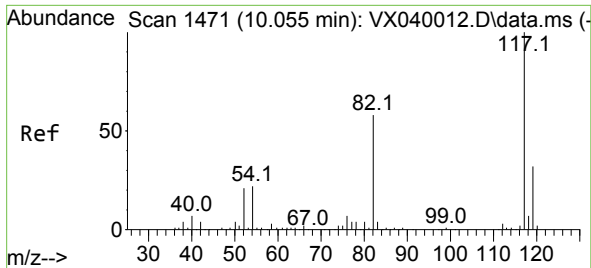
Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 193.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.927 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

Tgt Ion: 95 Resp: 74410
Ion Ratio Lower Upper
95 100
174 72.0 0.0 135.6
176 68.7 0.0 131.0

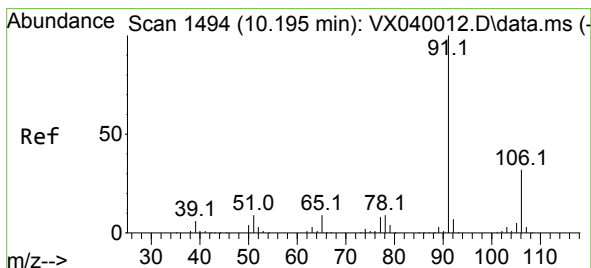
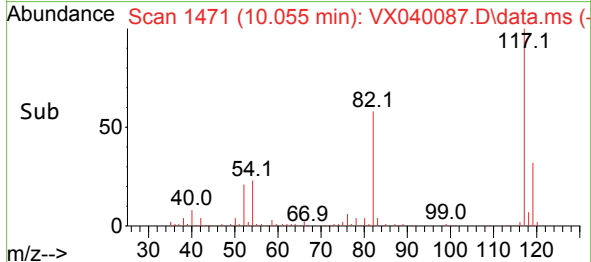
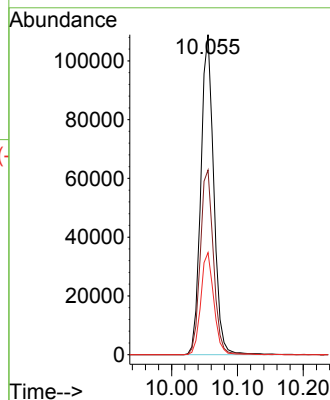
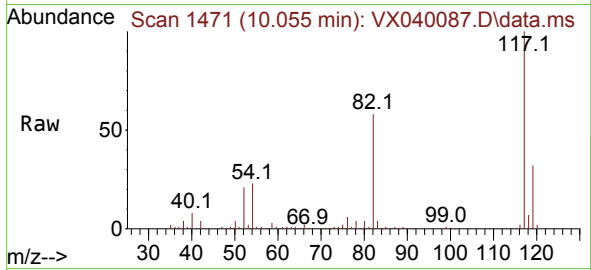




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

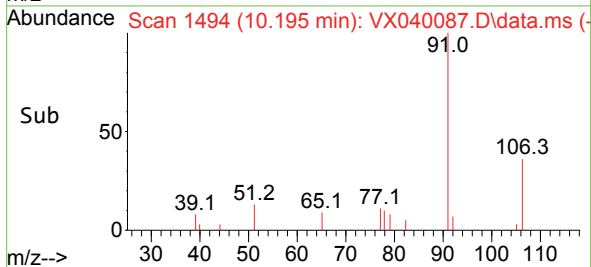
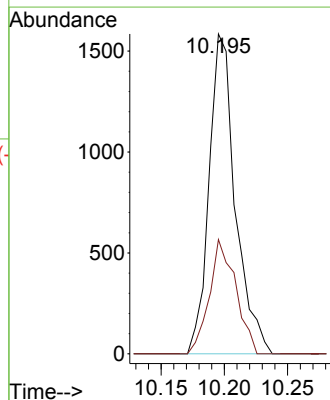
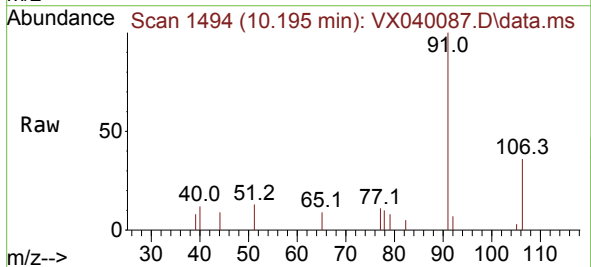
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-640-642

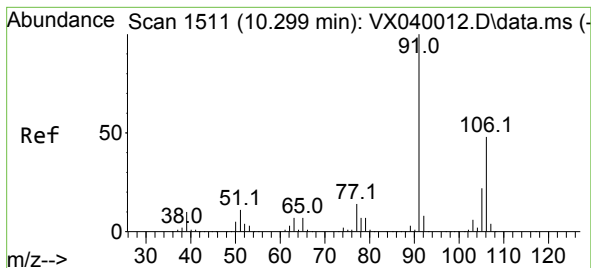
Tgt Ion:117 Resp: 148435
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 31.9 25.5 38.3



#67
Ethyl Benzene
Concen: 0.416 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

Tgt Ion: 91 Resp: 2289
Ion Ratio Lower Upper
91 100
106 35.7 24.9 37.3





#68

m/p-Xylenes

Concen: 0.396 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.104 min

Lab File: VX040087.D

Acq: 02 Feb 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

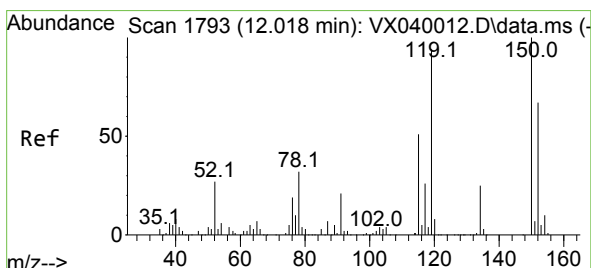
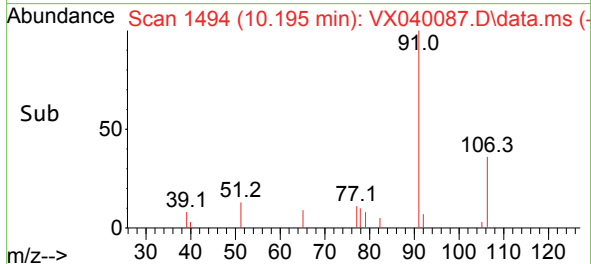
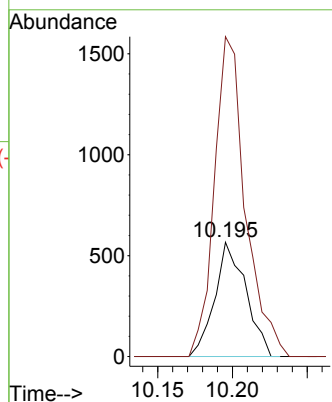
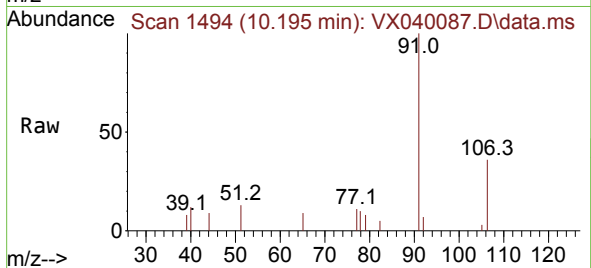
BP-VPB-195-GW-640-642

Tgt Ion:106 Resp: 820

Ion Ratio Lower Upper

106 100

91 279.1 165.5 248.3#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040087.D

Acq: 02 Feb 2024 15:16

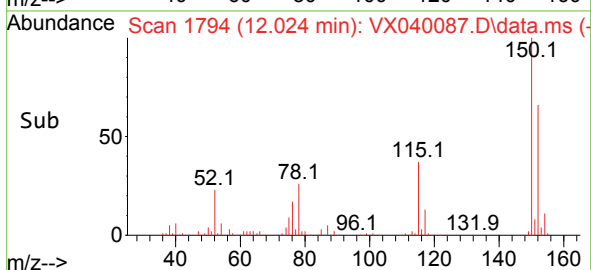
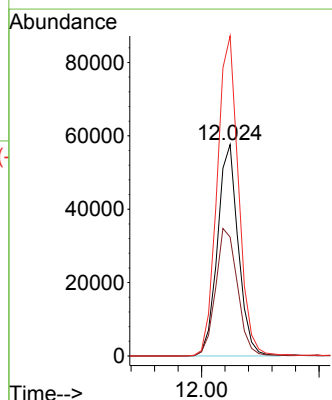
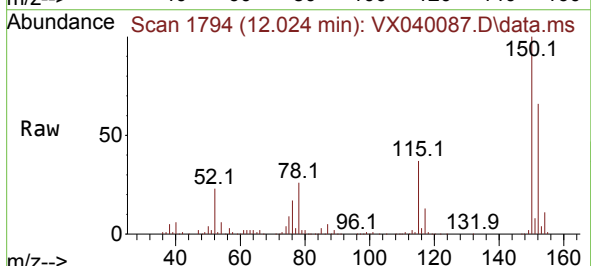
Tgt Ion:152 Resp: 70770

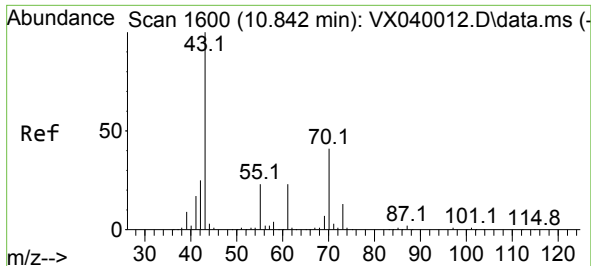
Ion Ratio Lower Upper

152 100

115 63.6 43.3 129.9

150 156.3 0.0 345.0

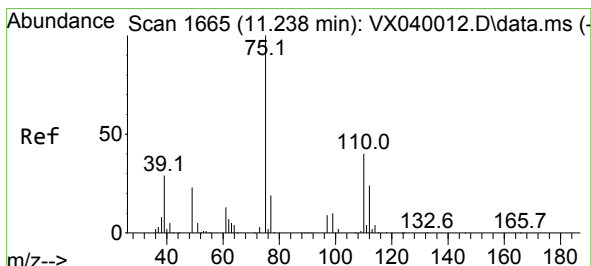
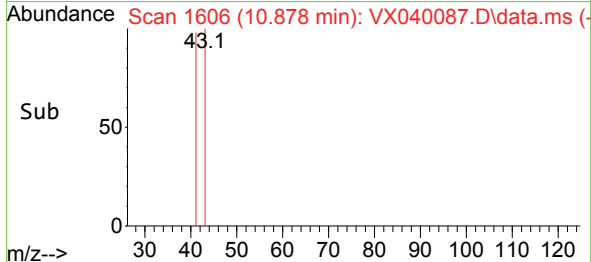
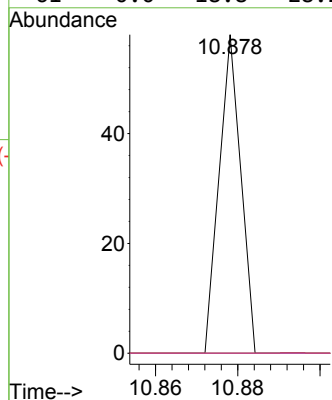
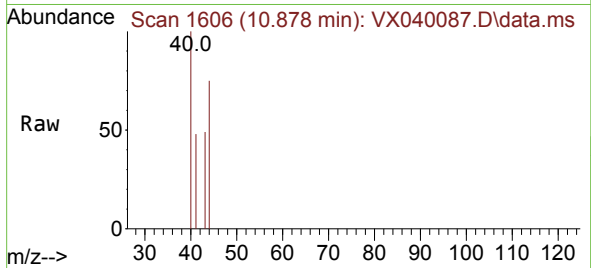




#74
N-amy1 acetate
Concen: 0.207 ug/l
RT: 10.878 min Scan# 1639
Delta R.T. 0.036 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

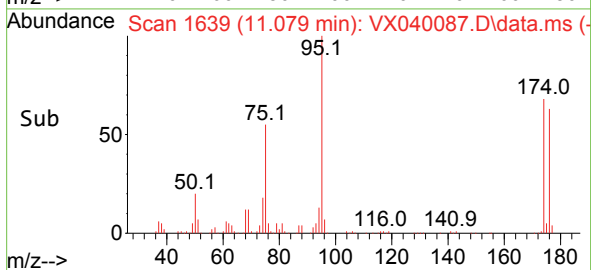
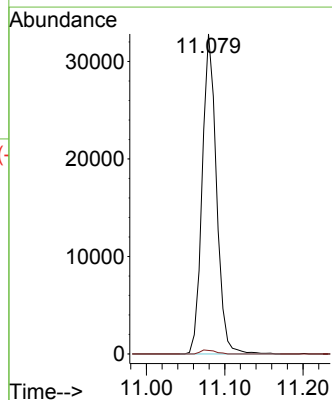
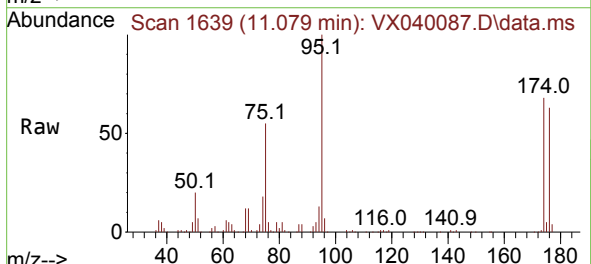
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-640-642

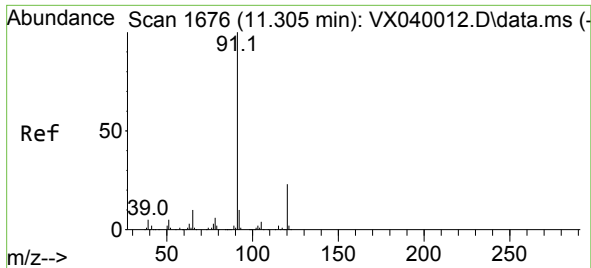
Tgt Ion: 43	Resp:	21
Ion	Ratio	Lower Upper
43	100	
70	0.0	32.9 49.3#
55	0.0	19.3 28.9#
61	0.0	18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 27.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

Tgt Ion: 75	Resp:	41561
Ion	Ratio	Lower Upper
75	100	
77	1.3	19.1 57.5#

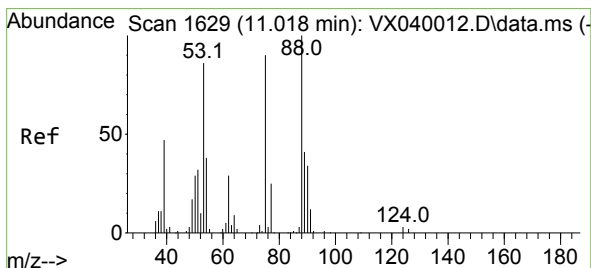
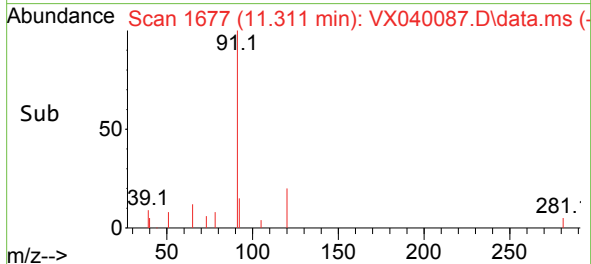
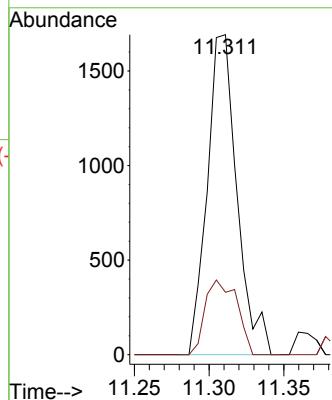
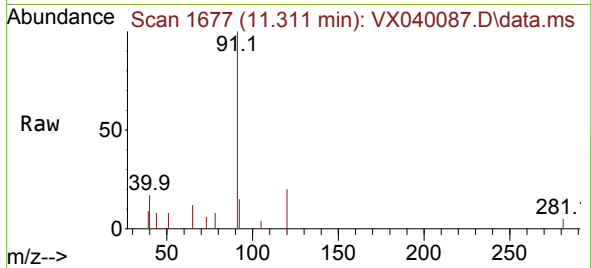




#78
n-propylbenzene
Concen: 0.375 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

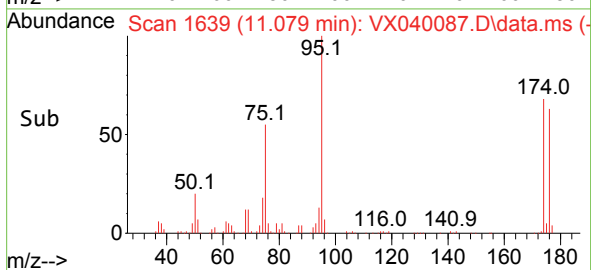
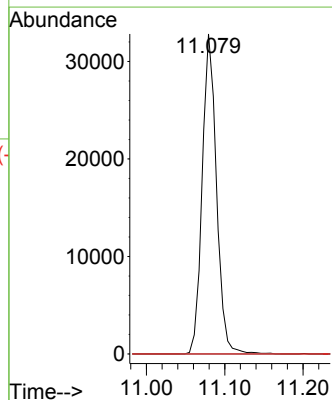
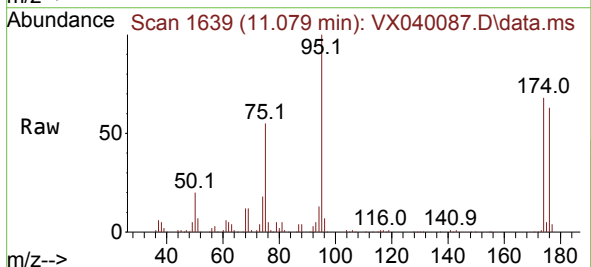
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-640-642

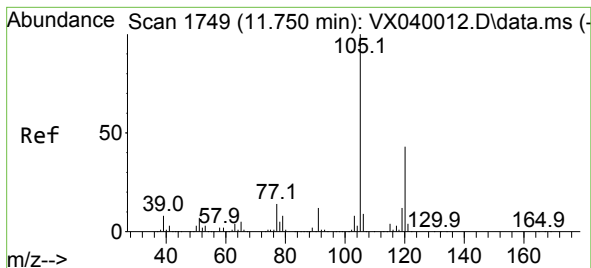
Tgt Ion: 91 Resp: 2344
Ion Ratio Lower Upper
91 100
120 24.9 11.5 34.4



#81
trans-1,4-Dichloro-2-butene
Concen: 80.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040087.D
Acq: 02 Feb 2024 15:16

Tgt Ion: 75 Resp: 41561
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.740 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040087.D

Acq: 02 Feb 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

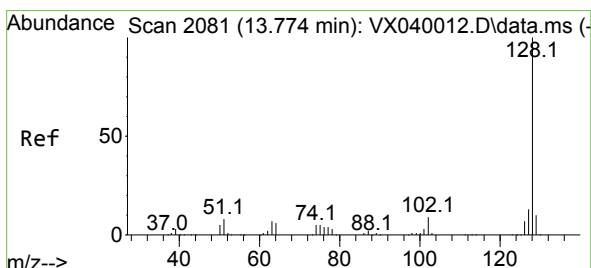
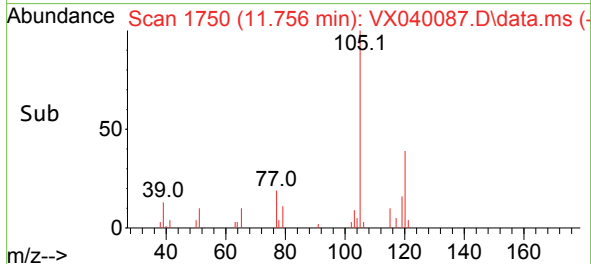
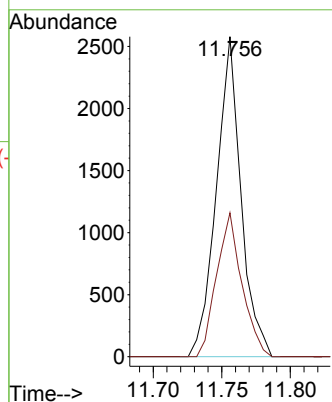
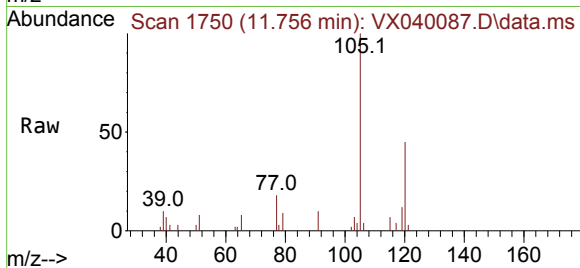
BP-VPB-195-GW-640-642

Tgt Ion:105 Resp: 3226

Ion Ratio Lower Upper

105 100

120 46.2 21.2 63.6



#95

Naphthalene

Concen: 0.638 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX040087.D

Acq: 02 Feb 2024 15:16

Tgt Ion:128 Resp: 3088

Ion Ratio Lower Upper

128 100

127 9.1 10.3 15.5#

129 11.7 8.8 13.2

