

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020624\
 Data File : VX040136.D
 Acq On : 06 Feb 2024 14:07
 Operator : JC/MD
 Sample : P1376-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-700-702

Quant Time: Feb 07 00:34:45 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	86826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80115	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63742	45.616	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.240%
35) Dibromofluoromethane	5.385	113	49398	42.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.400%
50) Toluene-d8	8.647	98	201549	46.046	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.100%
62) 4-Bromofluorobenzene	11.079	95	81745	48.501	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.000%

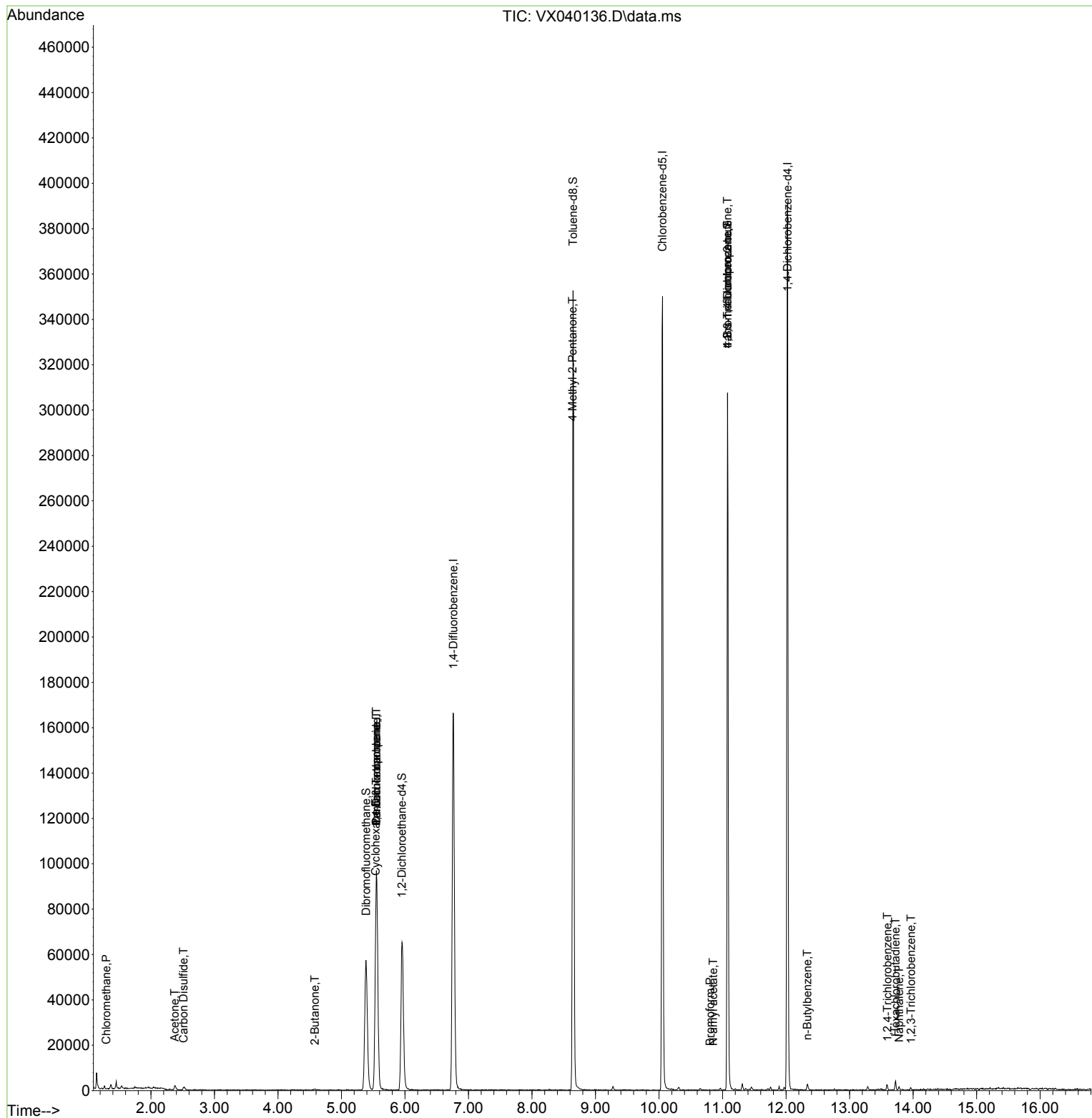
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	203	0.219	ug/l #	43
16) Acetone	2.374	43	2383	3.640	ug/l #	81
17) Carbon Disulfide	2.514	76	884	0.310	ug/l #	76
25) 2-Butanone	4.580	43	214	0.235	ug/l #	51
31) Cyclohexane	5.538	56	2313	1.321	ug/l #	31
36) 1,1-Dichloropropene	5.550	75	7966	4.706	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9086	5.610	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	925	0.465	ug/l #	1
71) Bromoform	10.805	173	44	0.634	ug/l #	29
74) N-amyl acetate	10.854	43	20	0.206	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	43549	25.526	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43549	75.221	ug/l #	5
89) n-Butylbenzene	12.335	91	1257	0.253	ug/l	85
93) 1,2,4-Trichlorobenzene	13.597	180	602	0.373	ug/l	95
94) Hexachlorobutadiene	13.725	225	646	1.016	ug/l	89
95) Naphthalene	13.780	128	1430	0.261	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.969	180	374	0.234	ug/l #	83

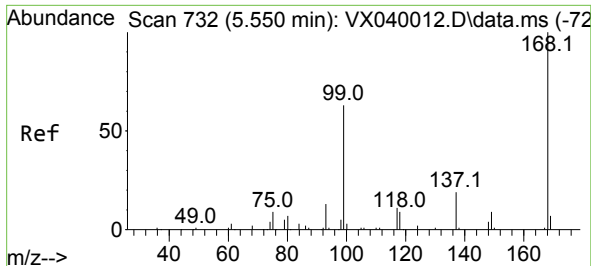
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX040136.D

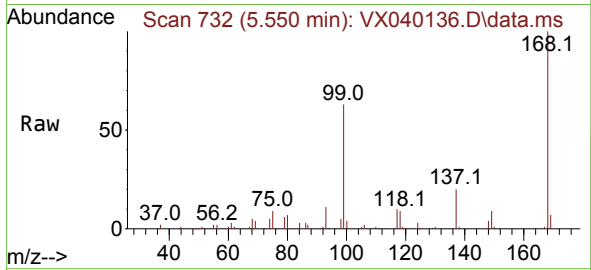
Acq: 06 Feb 2024 14:07

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-700-702

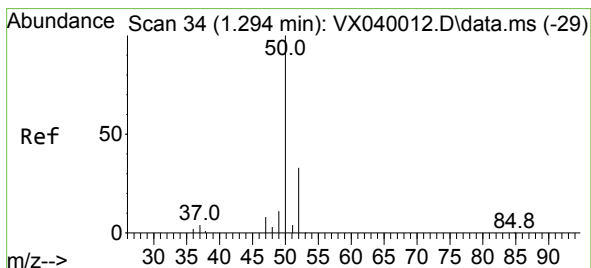
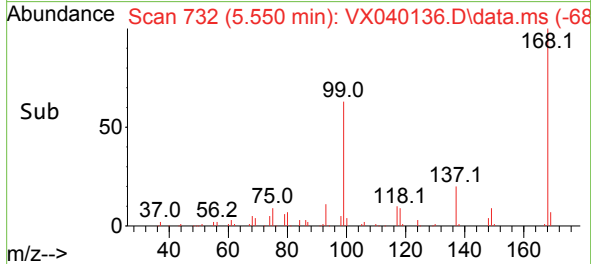
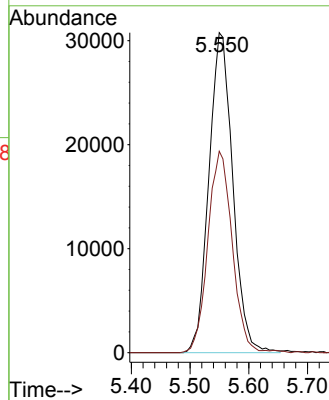


Tgt Ion:168 Resp: 86826

Ion Ratio Lower Upper

168 100

99 63.0 56.6 85.0



#3

Chloromethane

Concen: 0.219 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX040136.D

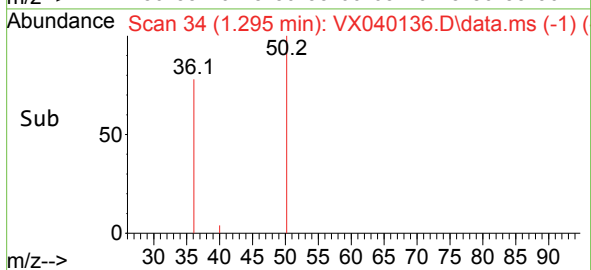
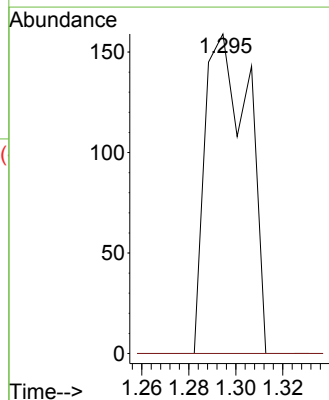
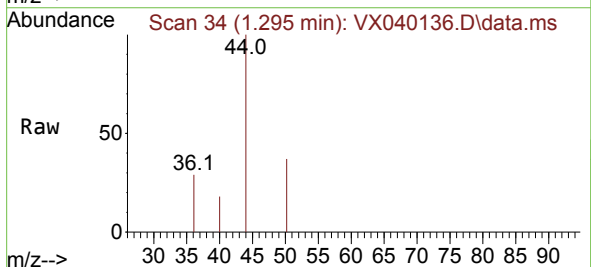
Acq: 06 Feb 2024 14:07

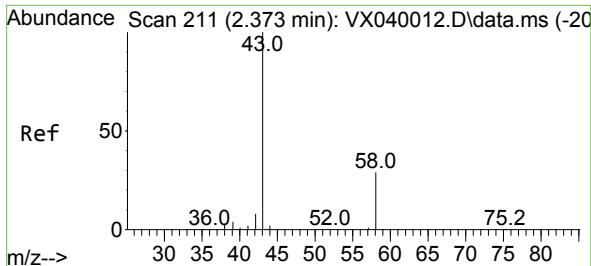
Tgt Ion: 50 Resp: 203

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

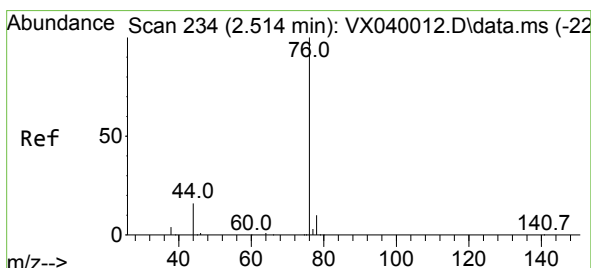
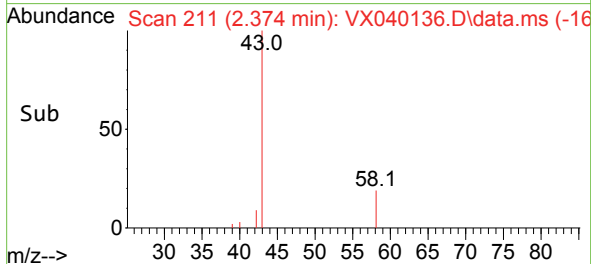
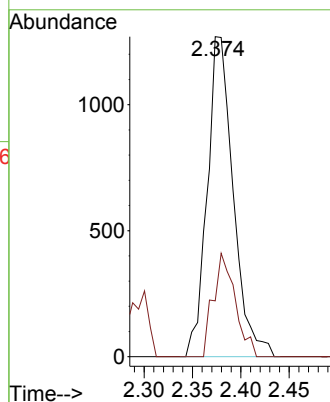
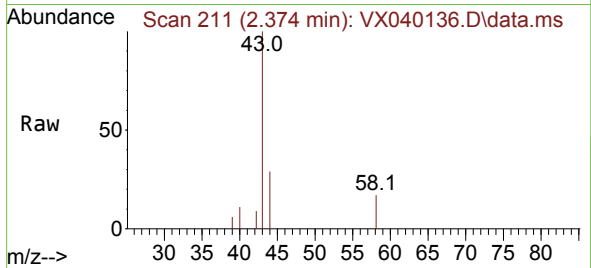




#16
Acetone
Concen: 3.640 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040136.D
Acq: 06 Feb 2024 14:07

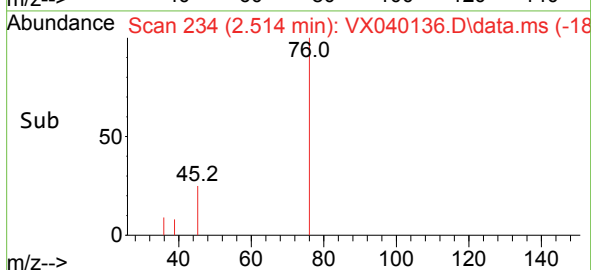
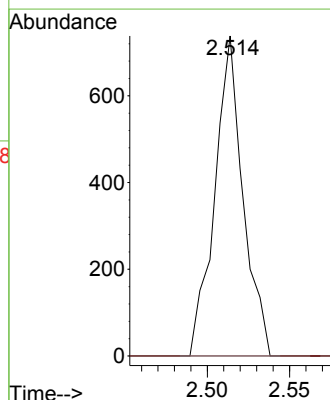
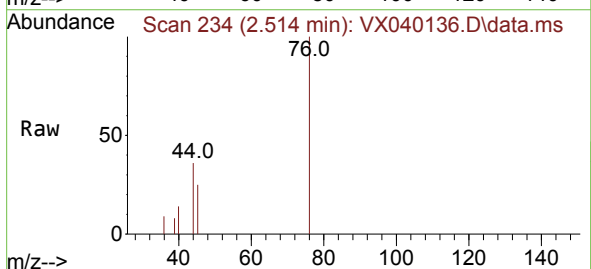
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-700-702

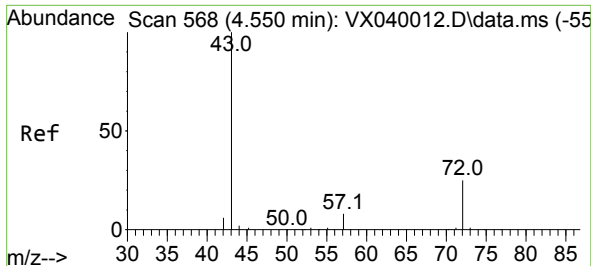
Tgt Ion: 43 Resp: 2383
Ion Ratio Lower Upper
43 100
58 17.5 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.310 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX040136.D
Acq: 06 Feb 2024 14:07

Tgt Ion: 76 Resp: 884
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

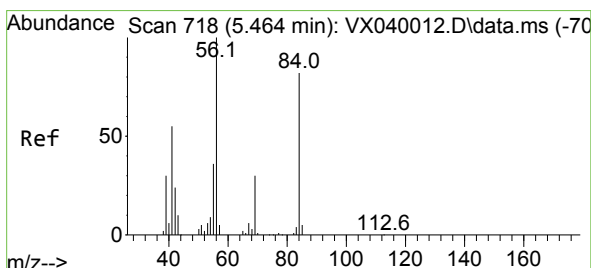
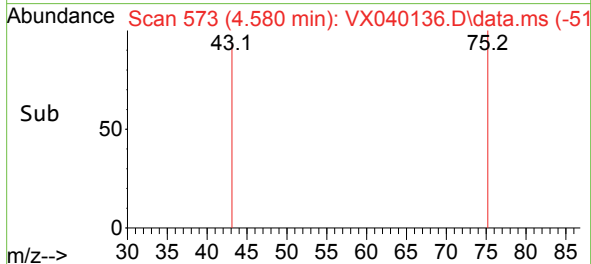
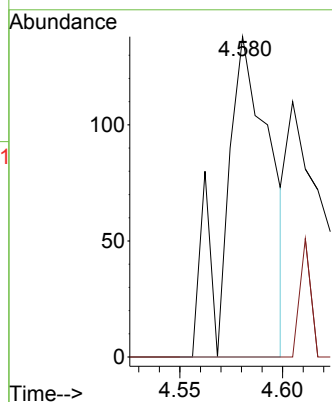
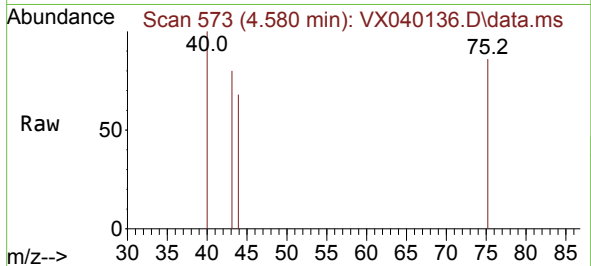




#25
2-Butanone
Concen: 0.235 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX040136.D
Acq: 06 Feb 2024 14:07

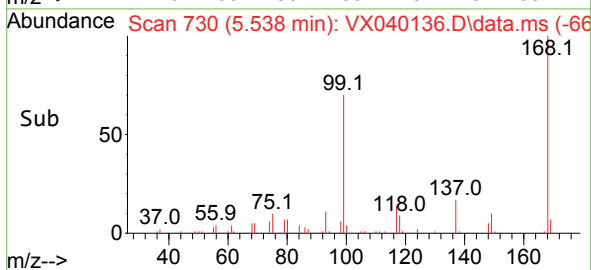
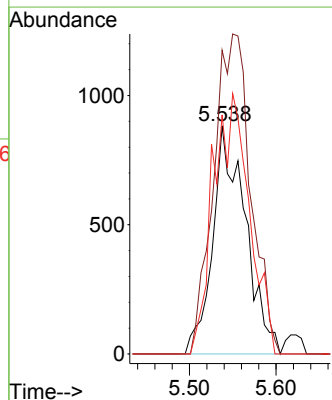
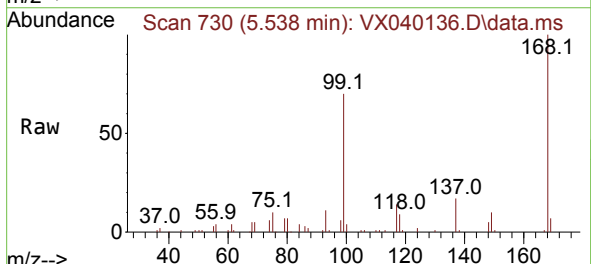
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-700-702

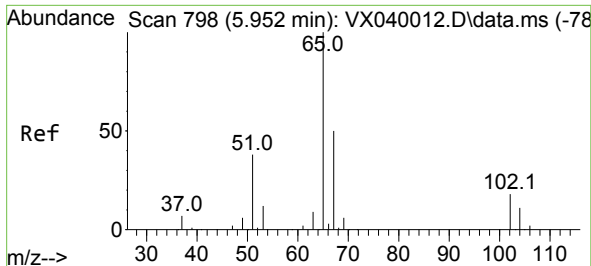
Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.321 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX040136.D
Acq: 06 Feb 2024 14:07

Tgt Ion: 56 Resp: 2313
Ion Ratio Lower Upper
56 100
69 133.1 23.4 35.2#
84 104.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.616 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040136.D

Acq: 06 Feb 2024 14:07

Instrument :

MSVOA_X

ClientSampleId :

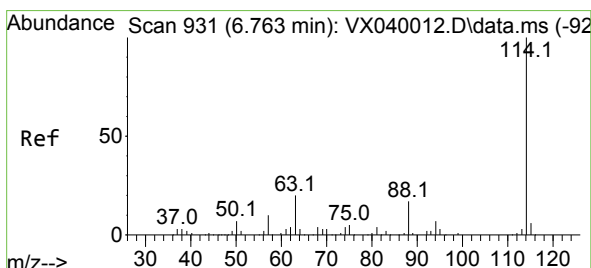
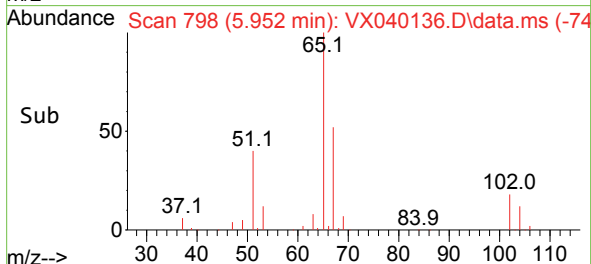
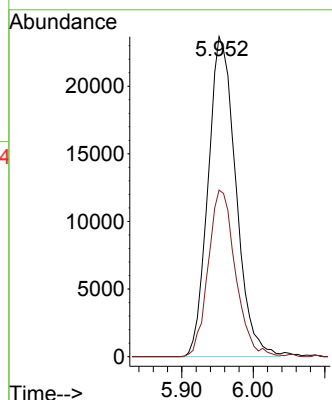
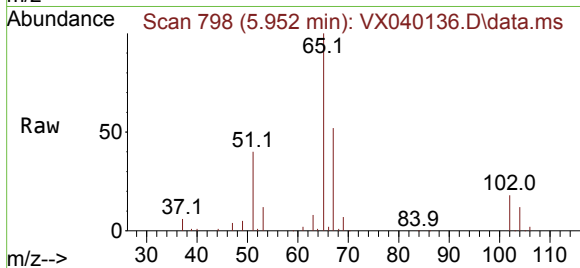
BP-VPB-195-GW-700-702

Tgt Ion: 65 Resp: 63742

Ion Ratio Lower Upper

65 100

67 51.2 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: VX040136.D

Acq: 06 Feb 2024 14:07

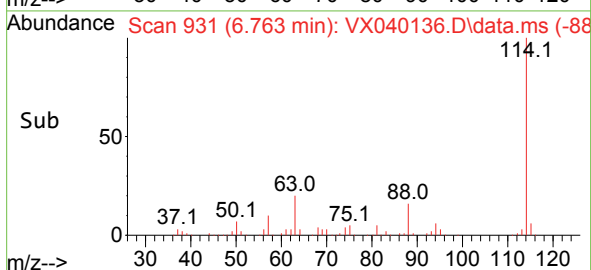
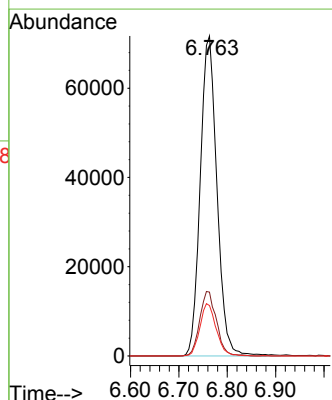
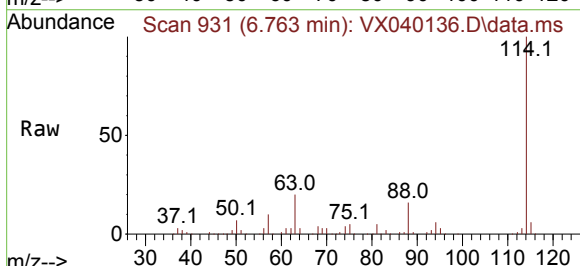
Tgt Ion: 114 Resp: 171939

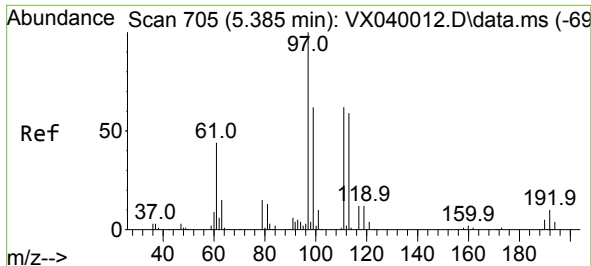
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 42.204 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040136.D

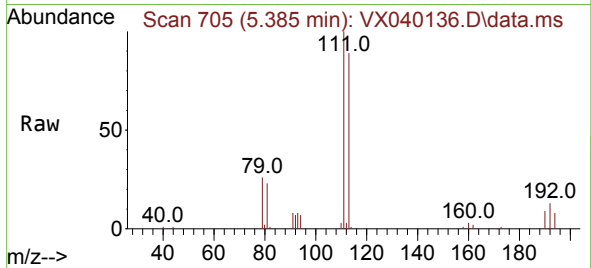
Acq: 06 Feb 2024 14:07

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-700-702



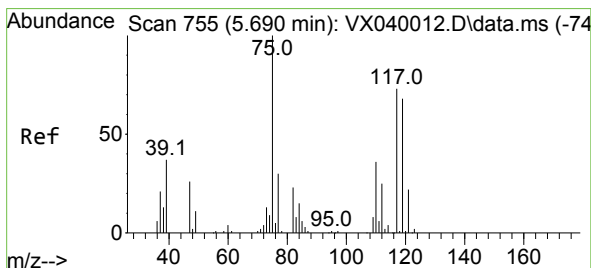
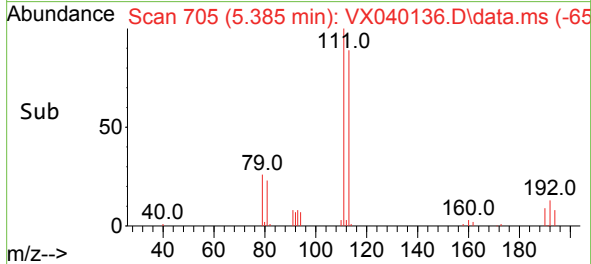
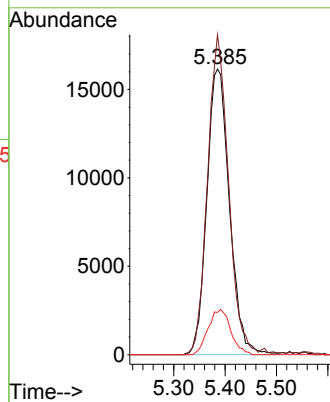
Tgt Ion:113 Resp: 49398

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

192 15.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.706 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX040136.D

Acq: 06 Feb 2024 14:07

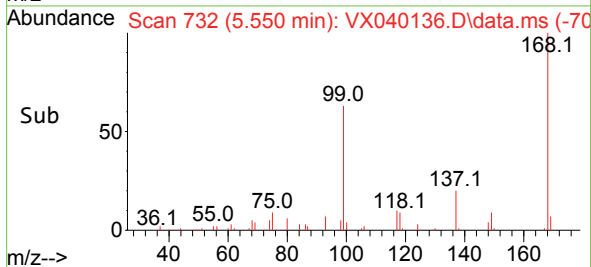
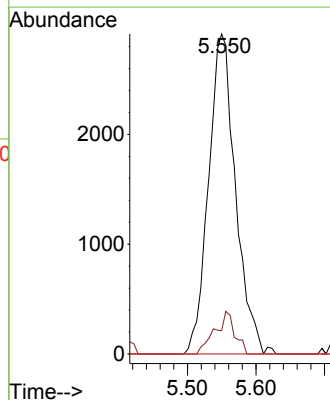
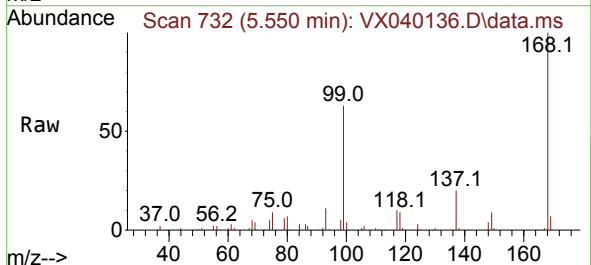
Tgt Ion: 75 Resp: 7966

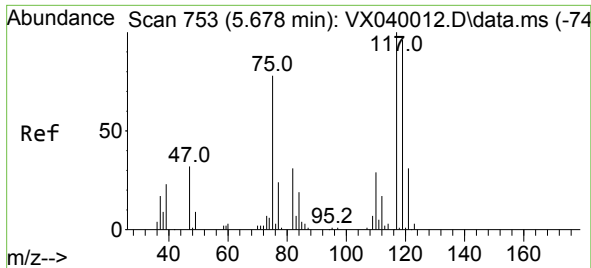
Ion Ratio Lower Upper

75 100

110 9.7 17.0 50.9#

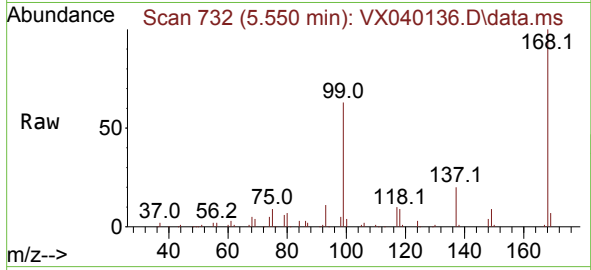
77 0.0 24.7 37.1#



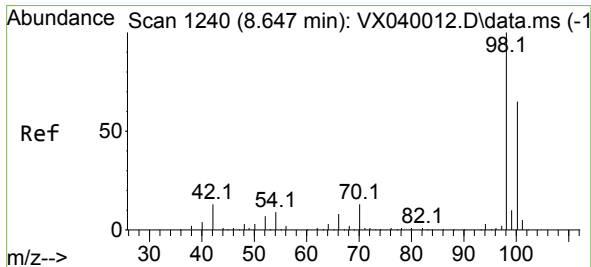
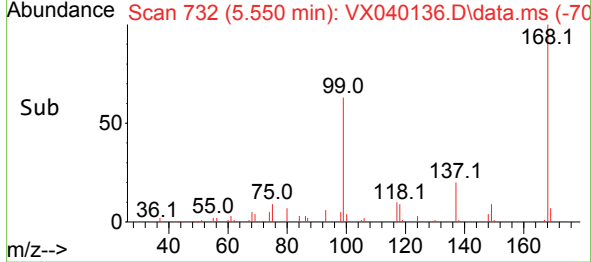
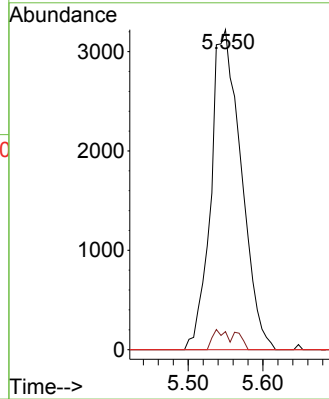


#38
Carbon Tetrachloride
Concen: 5.610 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX040136.D
Acq: 06 Feb 2024 14:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-700-702

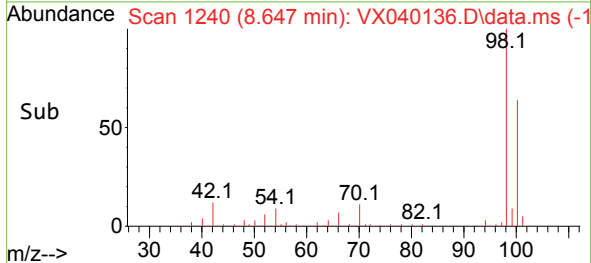
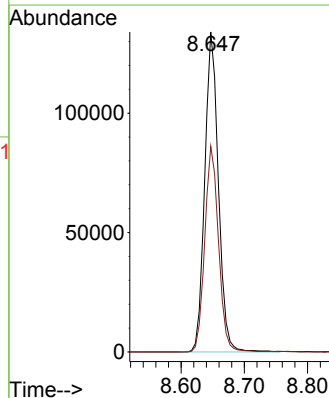
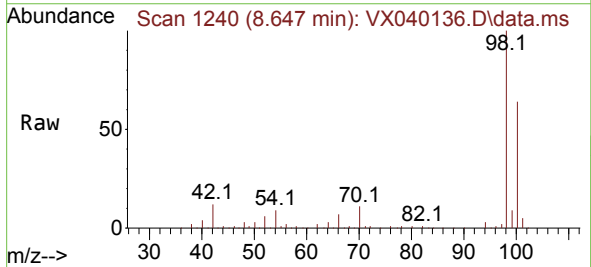


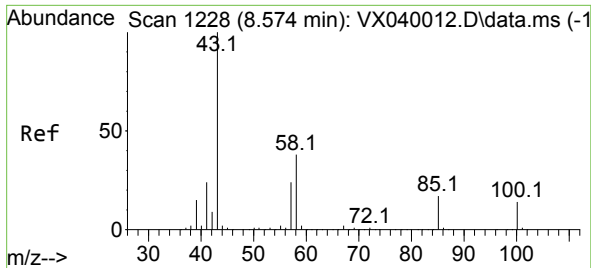
Tgt Ion:117 Resp: 9086
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.046 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040136.D
Acq: 06 Feb 2024 14:07

Tgt Ion: 98 Resp: 201549
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

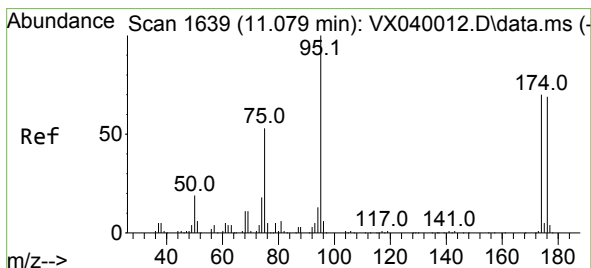
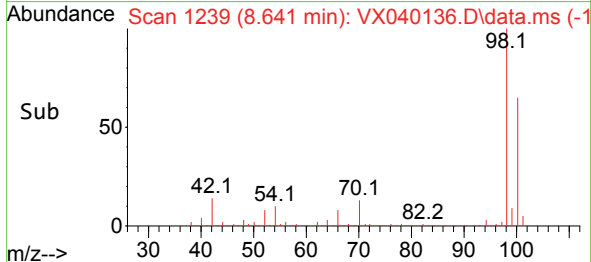
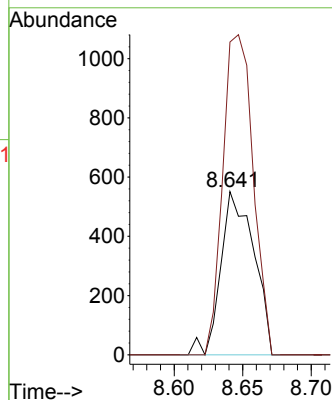
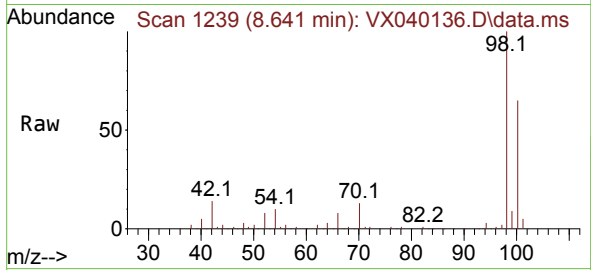




#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX040136.D
Acq: 06 Feb 2024 14:07

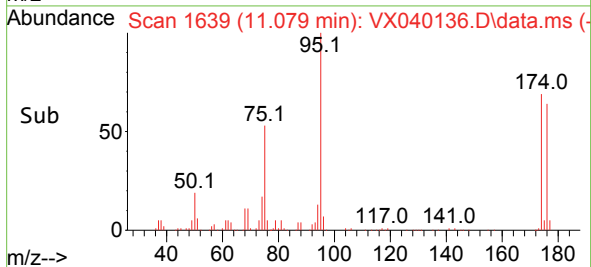
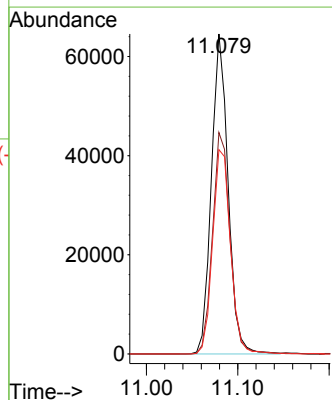
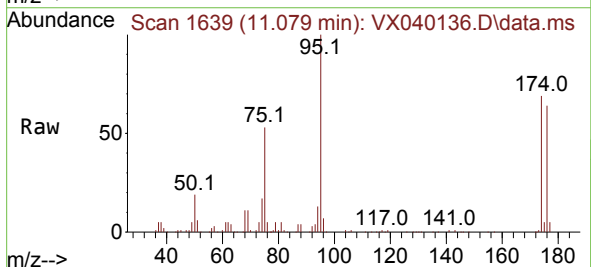
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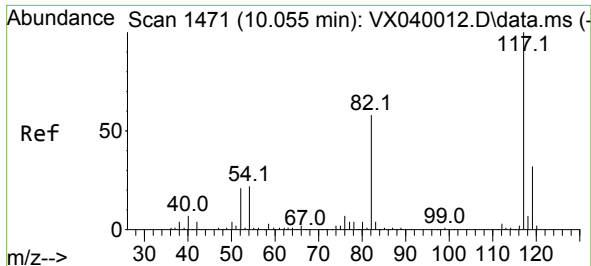
Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
58 180.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.501 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040136.D
Acq: 06 Feb 2024 14:07

Tgt Ion: 95 Resp: 81745
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 68.6 0.0 131.0

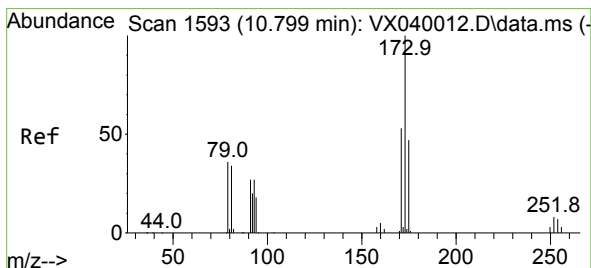
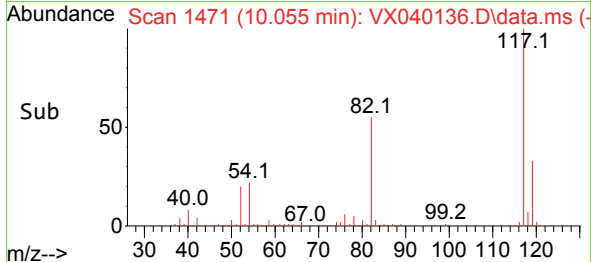
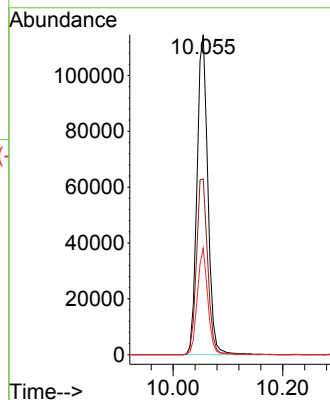
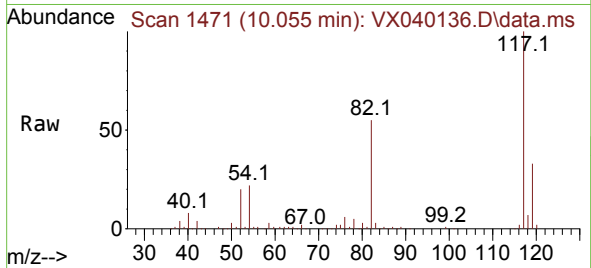




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040136.D
Acq: 06 Feb 2024 14:07

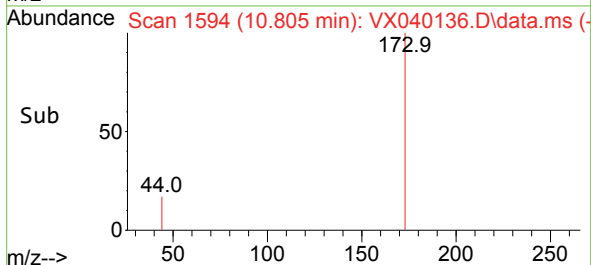
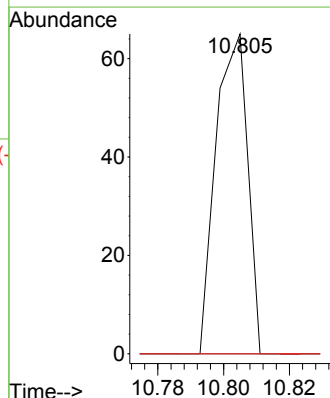
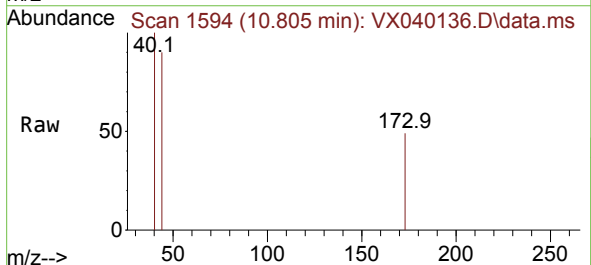
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-700-702

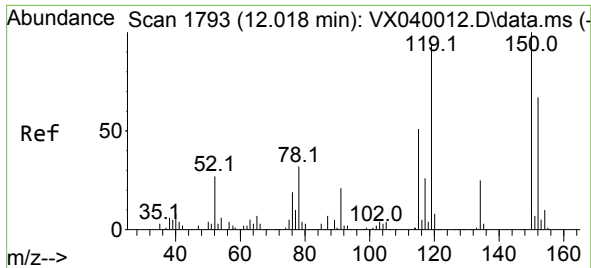
Tgt Ion:117 Resp: 158222
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 33.3 25.5 38.3



#71
Bromoform
Concen: 0.634 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX040136.D
Acq: 06 Feb 2024 14:07

Tgt Ion:173 Resp: 44
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0

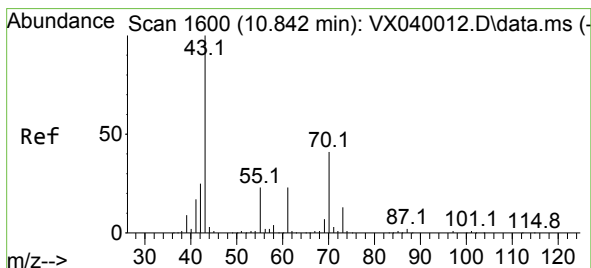
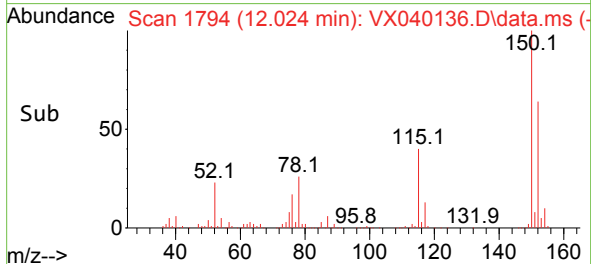
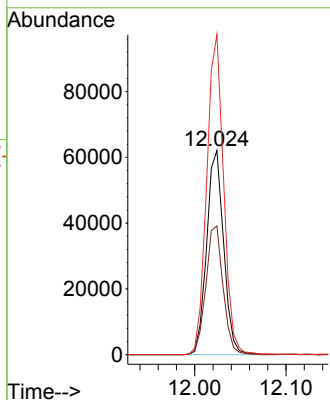
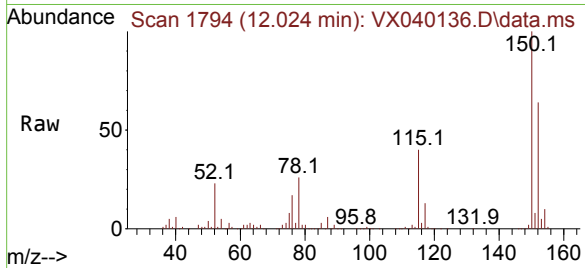




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040136.D
 Acq: 06 Feb 2024 14:07

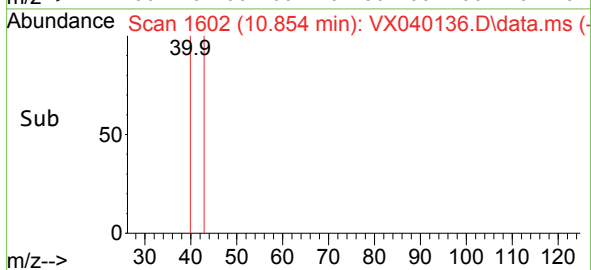
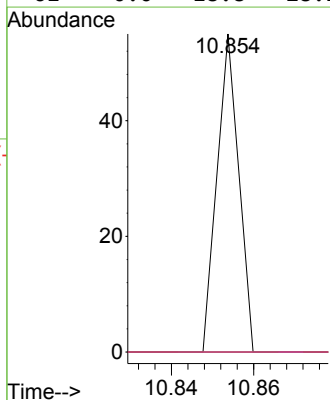
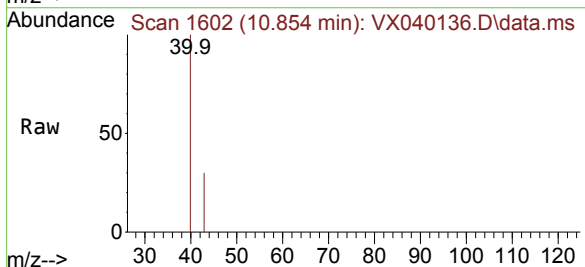
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-700-702

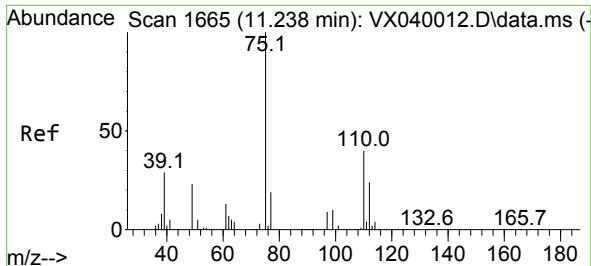
Tgt Ion:152 Resp: 80115
 Ion Ratio Lower Upper
 152 100
 115 63.9 43.3 129.9
 150 155.4 0.0 345.0



#74
 N-ethyl acetate
 Concen: 0.206 ug/l
 RT: 10.854 min Scan# 1602
 Delta R.T. 0.012 min
 Lab File: VX040136.D
 Acq: 06 Feb 2024 14:07

Tgt Ion: 43 Resp: 20
 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#

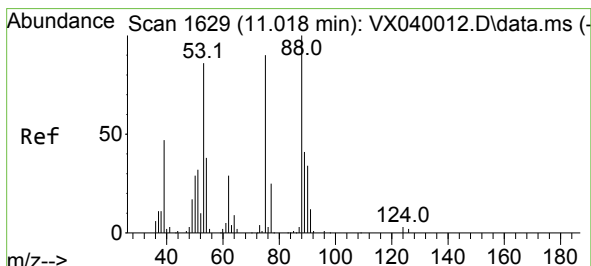
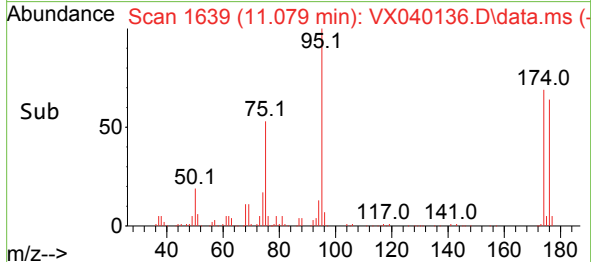
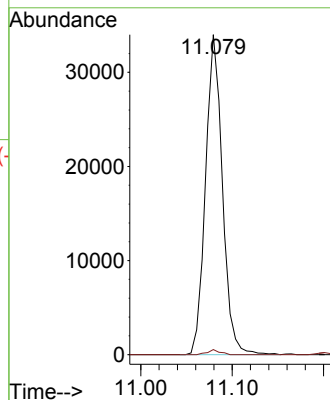
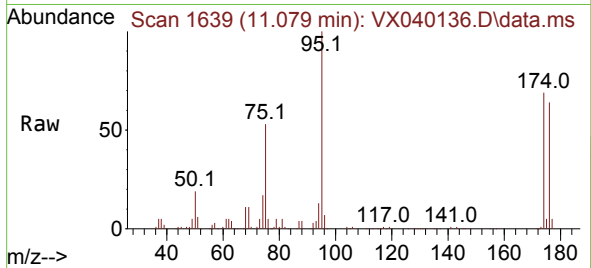




#76
1,2,3-Trichloropropane
Concen: 25.526 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040136.D
Acq: 06 Feb 2024 14:07

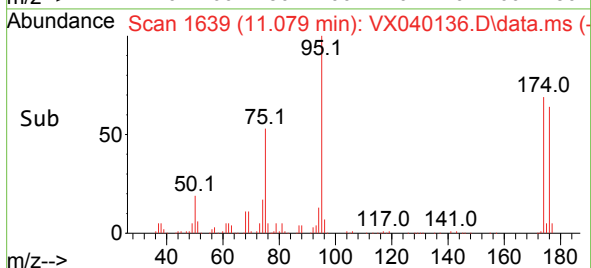
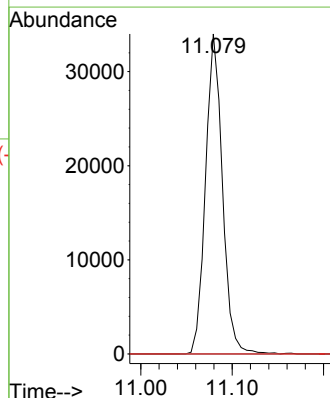
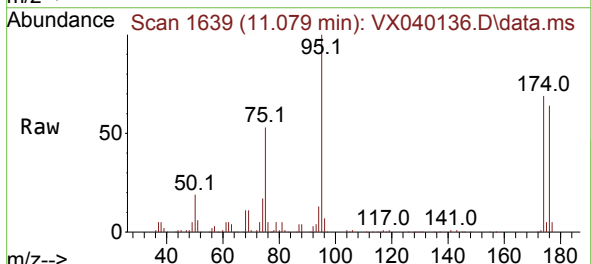
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-700-702

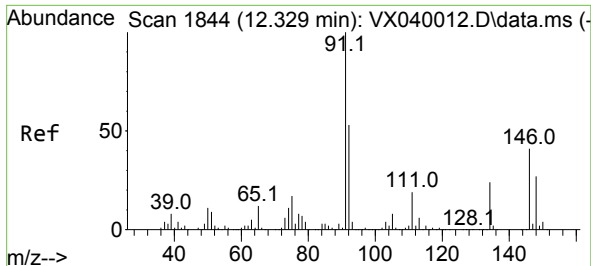
Tgt Ion: 75 Resp: 43549
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.221 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040136.D
Acq: 06 Feb 2024 14:07

Tgt Ion: 75 Resp: 43549
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#89

n-Butylbenzene

Concen: 0.253 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040136.D

Acq: 06 Feb 2024 14:07

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-700-702

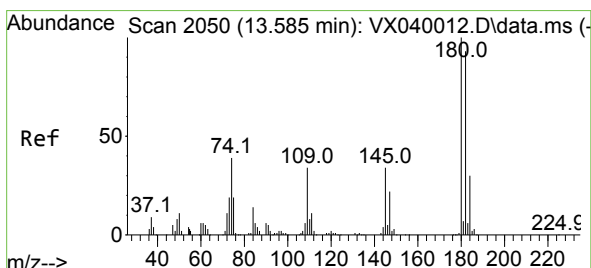
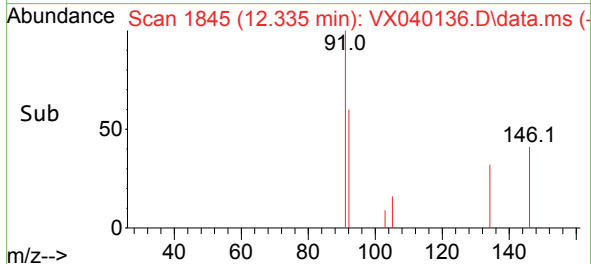
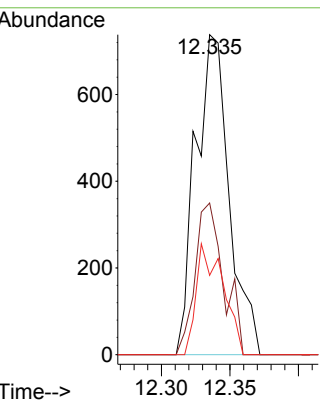
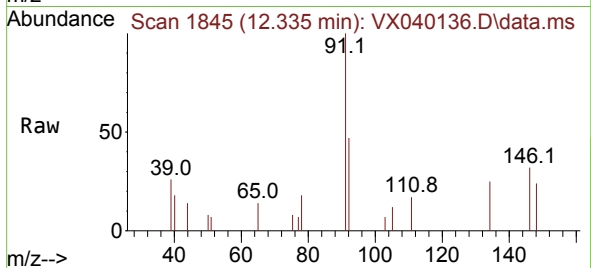
Tgt Ion: 91 Resp: 1257

Ion Ratio Lower Upper

91 100

92 40.3 27.4 82.0

134 27.8 12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.373 ug/l

RT: 13.597 min Scan# 2052

Delta R.T. 0.012 min

Lab File: VX040136.D

Acq: 06 Feb 2024 14:07

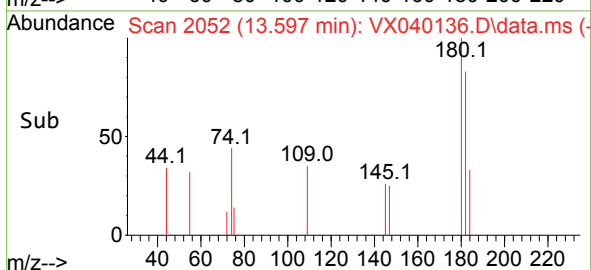
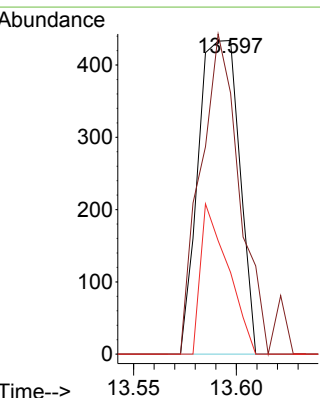
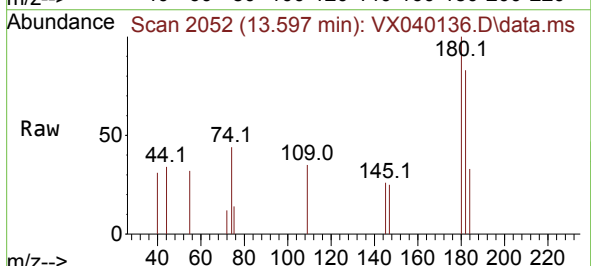
Tgt Ion: 180 Resp: 602

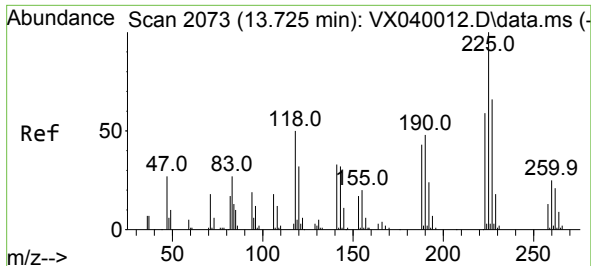
Ion Ratio Lower Upper

180 100

182 101.2 48.3 144.8

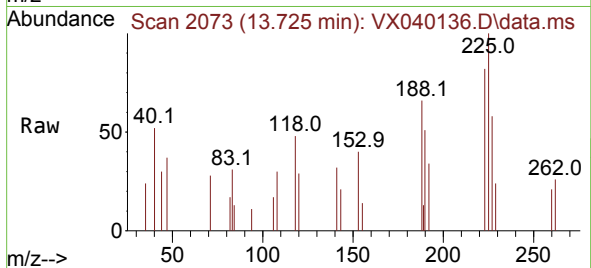
145 32.1 18.0 54.0



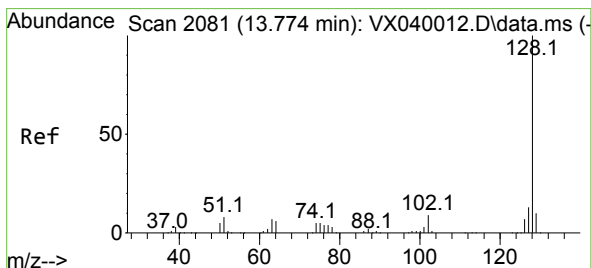
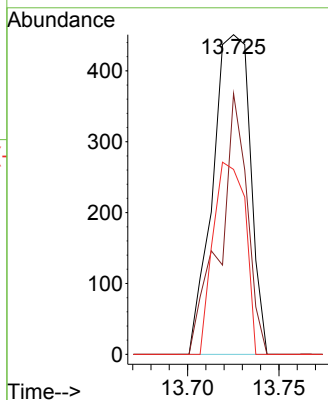
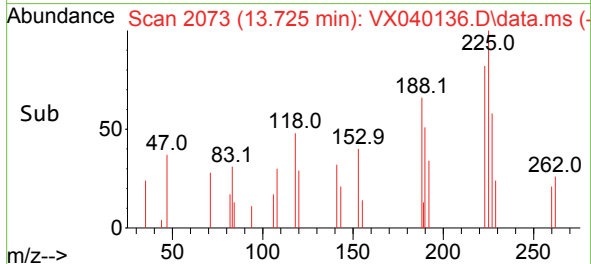


#94
Hexachlorobutadiene
Concen: 1.016 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040136.D
Acq: 06 Feb 2024 14:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-700-702

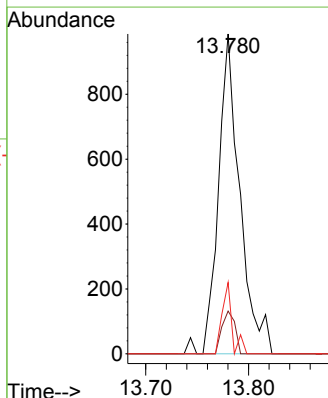
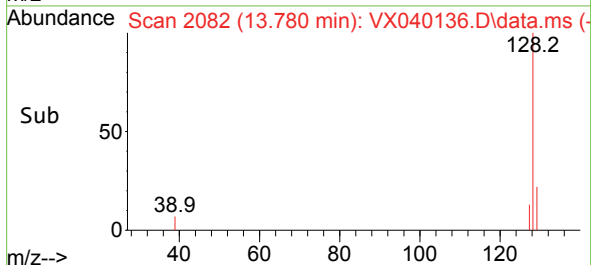
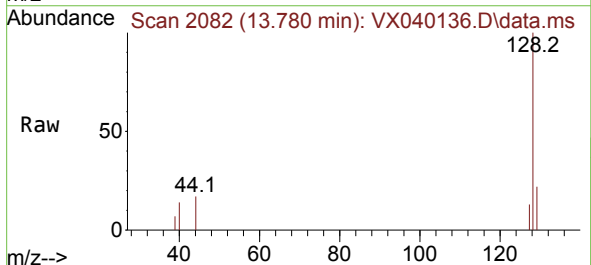


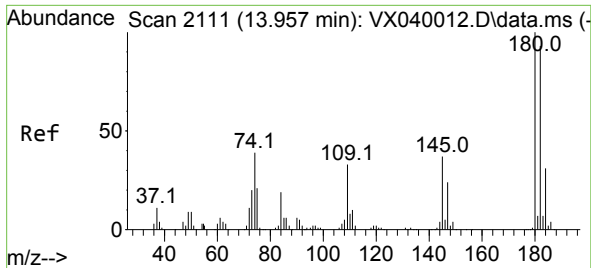
Tgt Ion:225 Resp: 646
Ion Ratio Lower Upper
225 100
223 59.3 31.1 93.2
227 51.2 32.5 97.5



#95
Naphthalene
Concen: 0.261 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040136.D
Acq: 06 Feb 2024 14:07

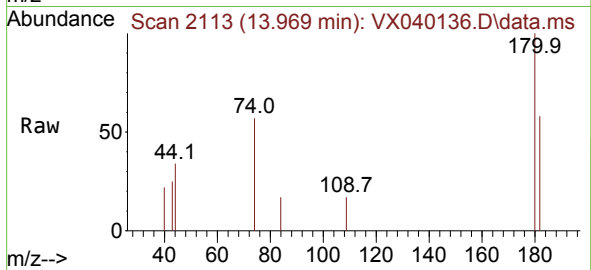
Tgt Ion:128 Resp: 1430
Ion Ratio Lower Upper
128 100
127 8.0 10.3 15.5#
129 10.2 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.234 ug/l
 RT: 13.969 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VX040136.D
 Acq: 06 Feb 2024 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-700-702



Tgt Ion:180 Resp: 374
 Ion Ratio Lower Upper
 180 100
 182 104.8 46.9 140.6
 145 16.8 17.8 53.5#

