

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040085.D
 Acq On : 02 Feb 2024 14:30
 Operator : JC/MD
 Sample : P1343-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-585-587

Quant Time: Feb 03 02:16:27 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)

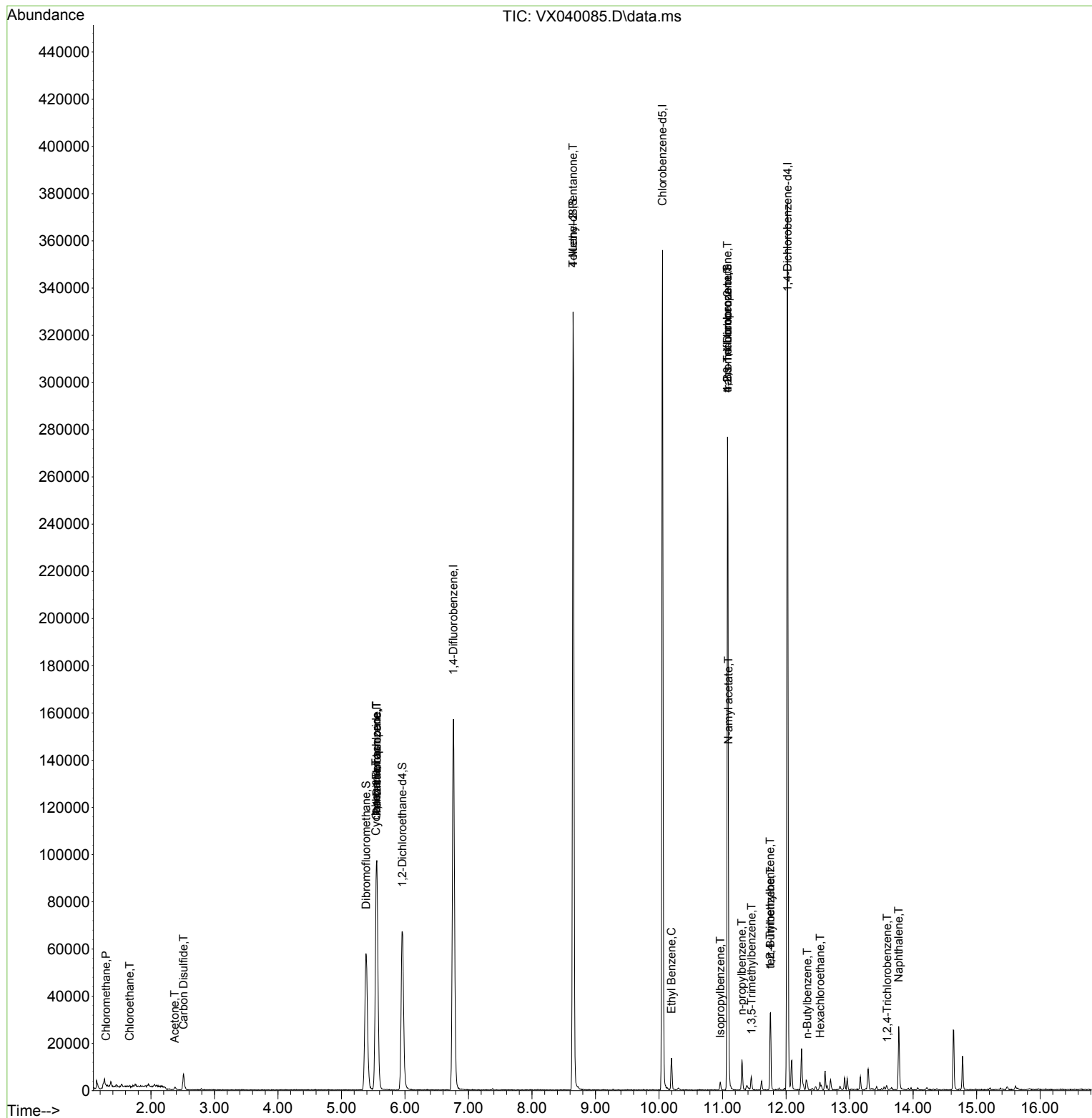
Internal Standards						
1) Pentafluorobenzene	5.556	168	86192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65454	47.186	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.380%		
35) Dibromofluoromethane	5.385	113	50093	47.202	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.400%		
50) Toluene-d8	8.647	98	190056	47.888	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.780%		
62) 4-Bromofluorobenzene	11.079	95	73842	48.320	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.640%		
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	192	0.209	ug/l #	43
6) Chloroethane	1.666	64	145	0.258	ug/l #	43
16) Acetone	2.374	43	1150	1.769	ug/l	99
17) Carbon Disulfide	2.514	76	7542	2.661	ug/l #	93
31) Cyclohexane	5.544	56	2534	1.458	ug/l #	35
36) 1,1-Dichloropropene	5.556	75	8130	5.297	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9588	6.529	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	978	0.542	ug/l #	1
67) Ethyl Benzene	10.195	91	8287	1.490	ug/l	94
73) Isopropylbenzene	10.963	105	1903	0.348	ug/l	99
74) N-amyl acetate	11.091	43	82	0.231	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40627	25.078	ug/l #	38
78) n-propylbenzene	11.305	91	8660	1.288	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	2540	0.541	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	40627	74.112	ug/l #	5
83) tert-Butylbenzene	11.756	119	1903	0.423	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.750	105	15093	3.221	ug/l	100
89) n-Butylbenzene	12.335	91	1291	0.274	ug/l #	63
90) Hexachloroethane	12.536	117	276	0.274	ug/l #	17
93) 1,2,4-Trichlorobenzene	13.591	180	319	0.208	ug/l	83
95) Naphthalene	13.774	128	18114	3.481	ug/l	97

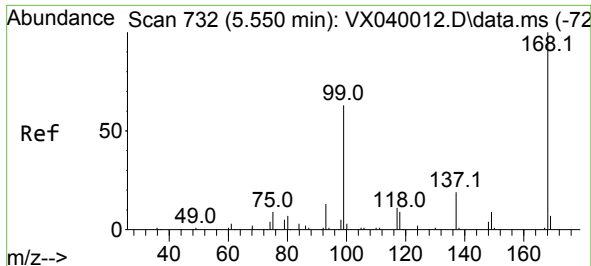
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-195-GW-585-587

Quant Time: Feb 03 02:16:27 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

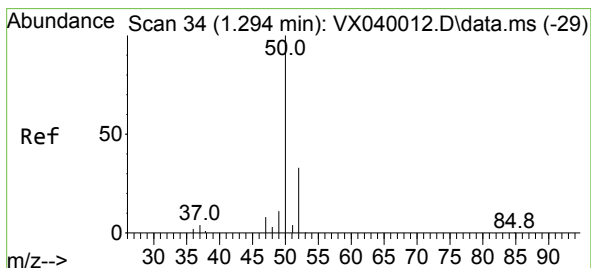
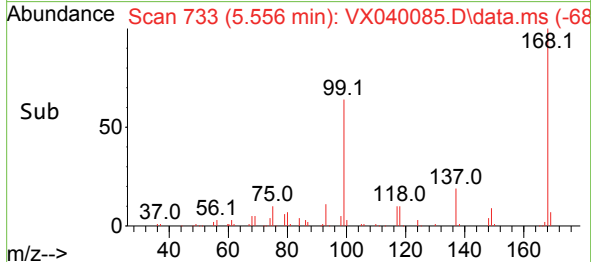
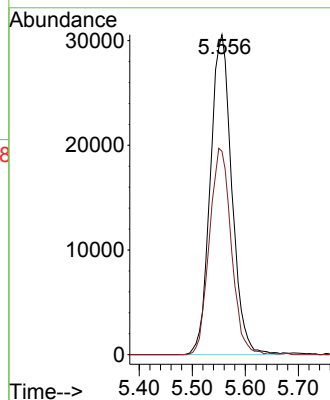
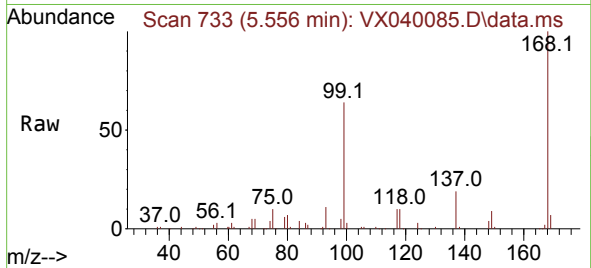




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

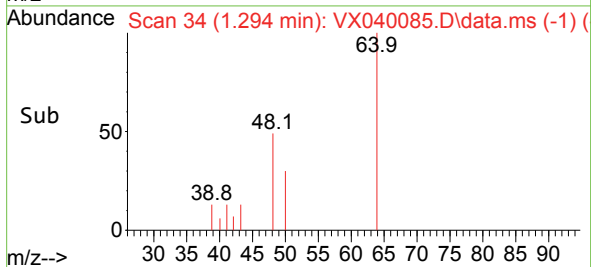
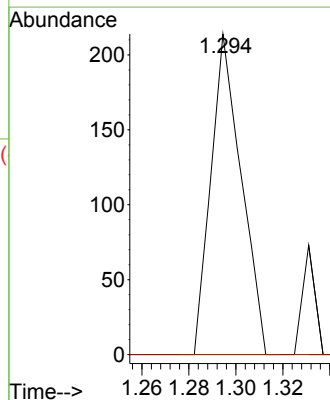
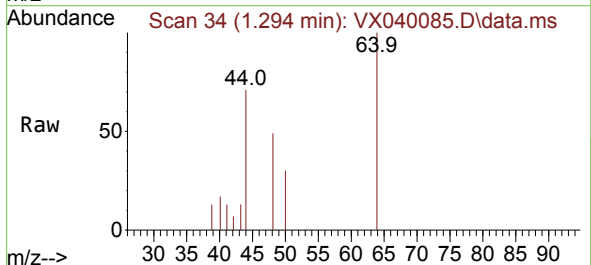
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-585-587

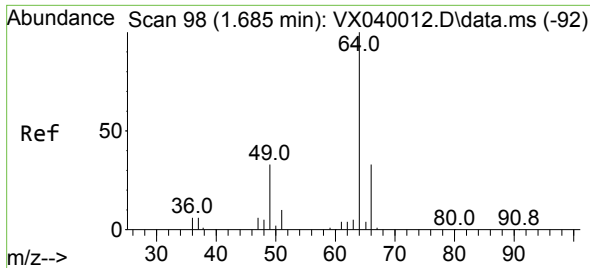
Tgt Ion:168 Resp: 86192
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#3
Chloromethane
Concen: 0.209 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

Tgt Ion: 50 Resp: 192
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

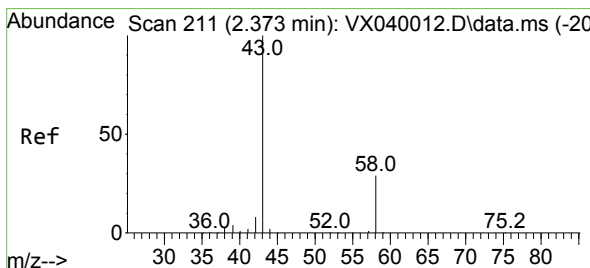
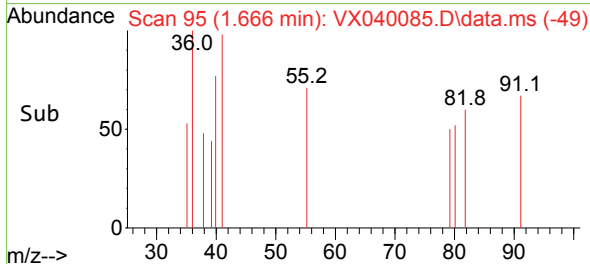
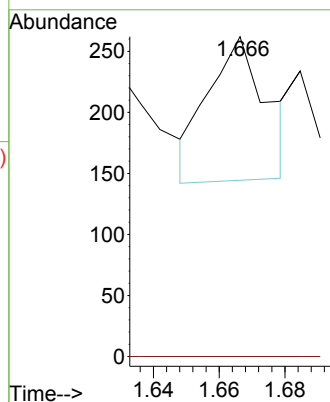
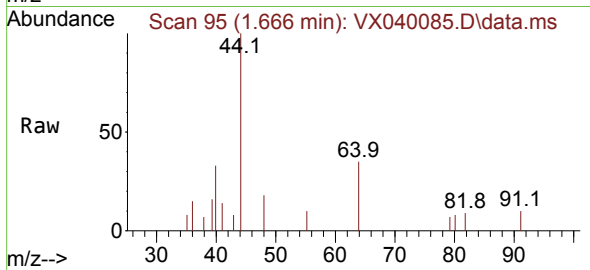




#6
Chloroethane
Concen: 0.258 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

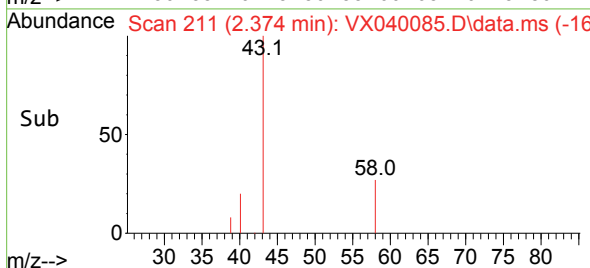
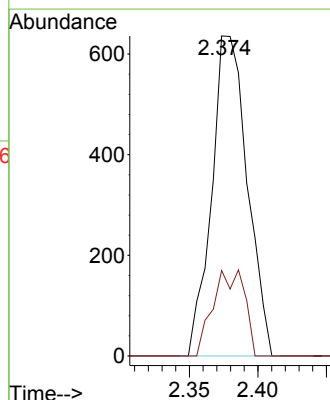
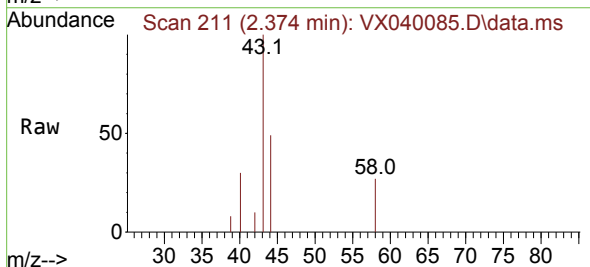
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-585-587

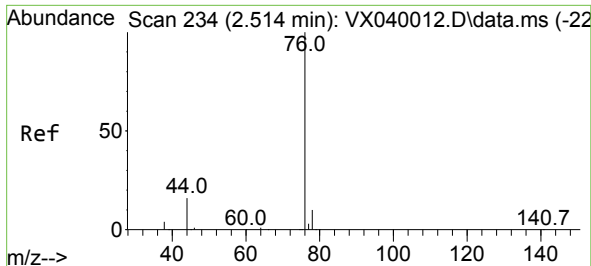
Tgt Ion: 64 Resp: 145
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.769 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

Tgt Ion: 43 Resp: 1150
Ion Ratio Lower Upper
43 100
58 26.7 21.9 32.9





#17

Carbon Disulfide

Concen: 2.661 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040085.D

Acq: 02 Feb 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :

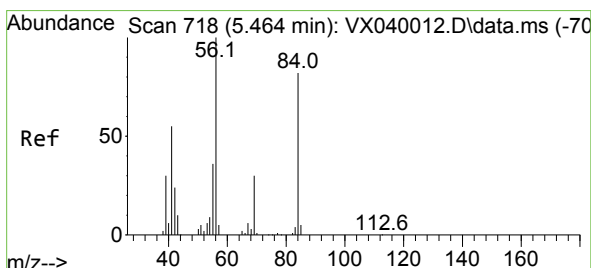
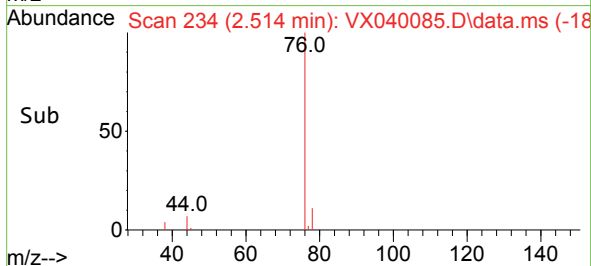
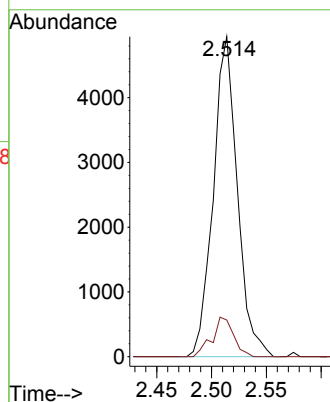
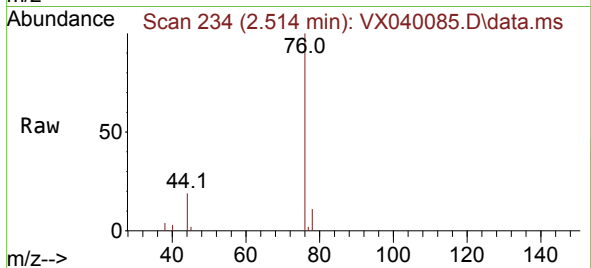
BP-VPB-195-GW-585-587

Tgt Ion: 76 Resp: 7542

Ion Ratio Lower Upper

76 100

78 11.4 7.0 10.6#



#31

Cyclohexane

Concen: 1.458 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX040085.D

Acq: 02 Feb 2024 14:30

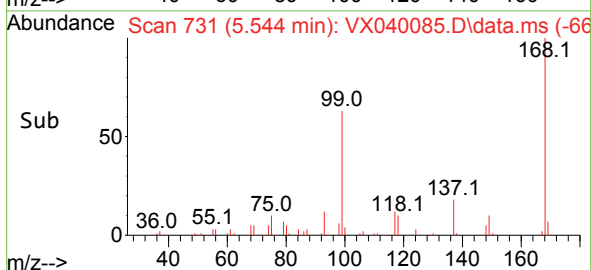
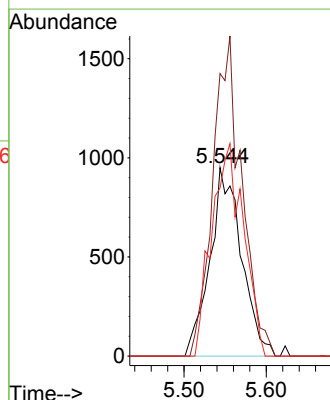
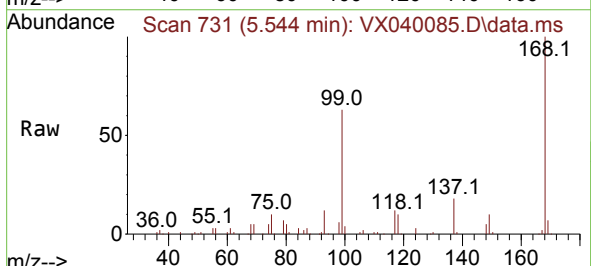
Tgt Ion: 56 Resp: 2534

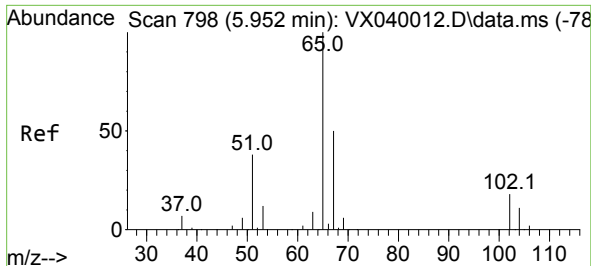
Ion Ratio Lower Upper

56 100

69 149.8 23.4 35.2#

84 89.2 65.9 98.9

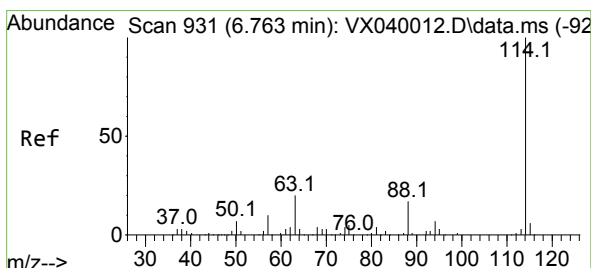
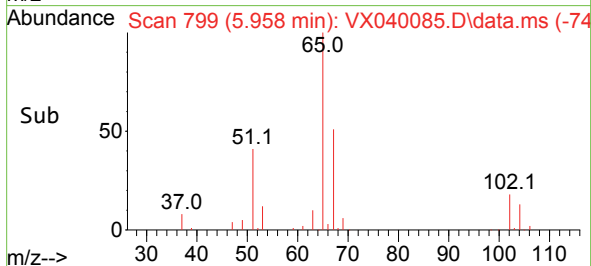
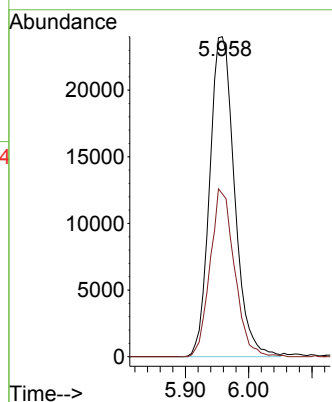
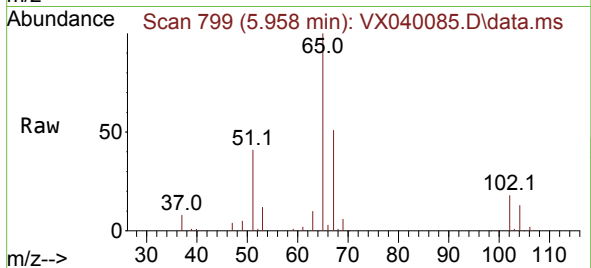




#33
1,2-Dichloroethane-d4
Concen: 47.186 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

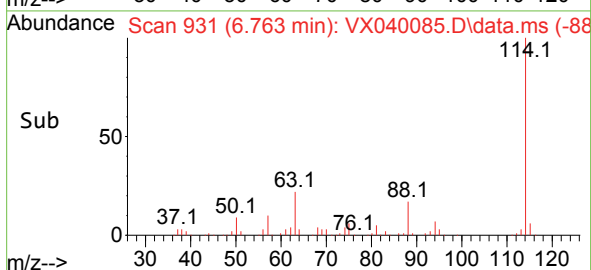
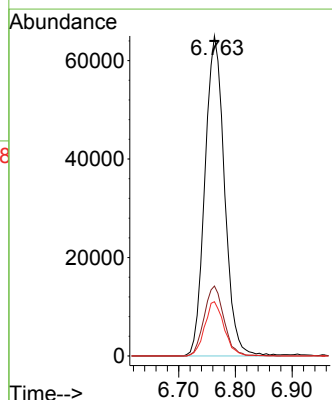
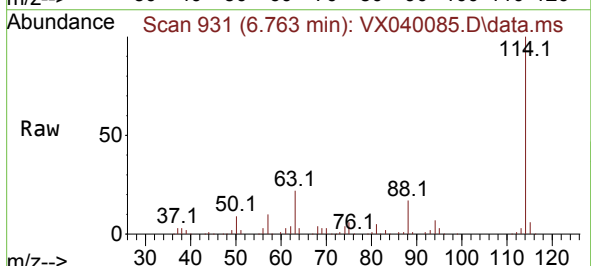
Instrument :
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ClientSampleId :
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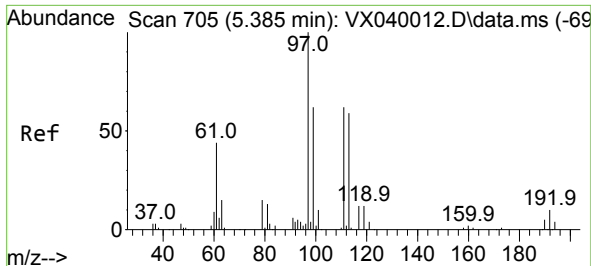
Tgt Ion: 65 Resp: 65454
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

Tgt Ion: 114 Resp: 155897
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 17.0 0.0 36.6

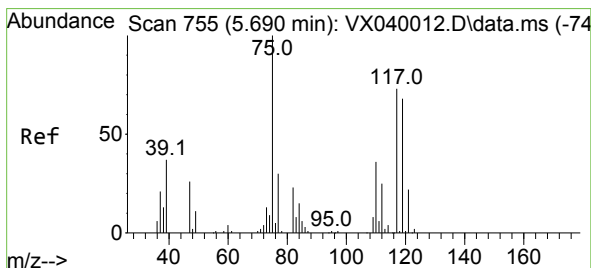
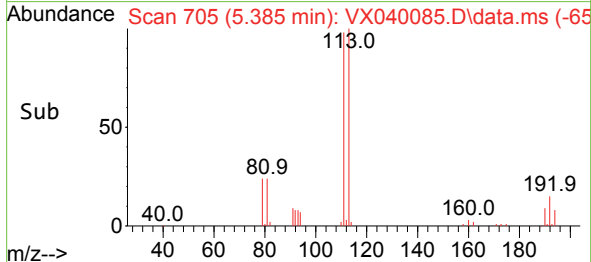
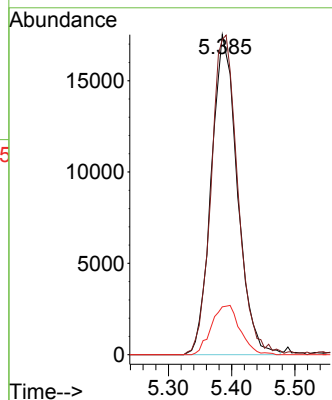
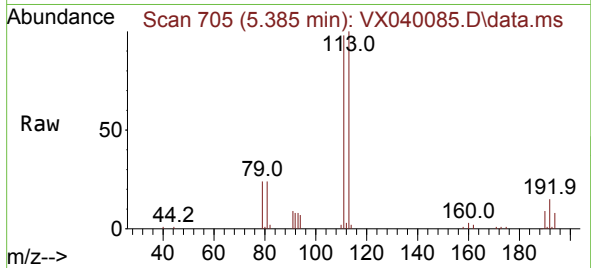




#35
Dibromofluoromethane
Concen: 47.202 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

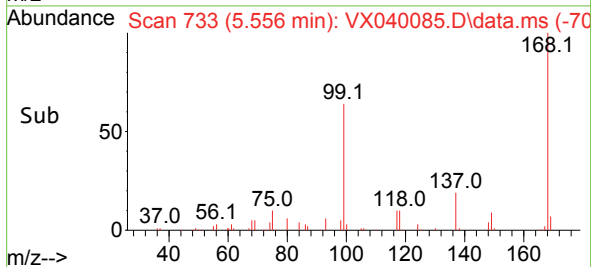
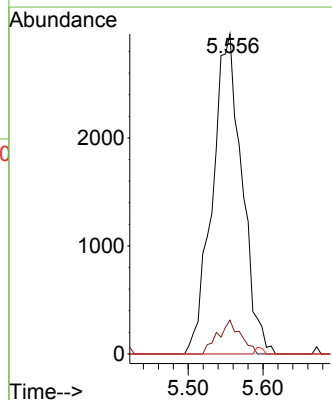
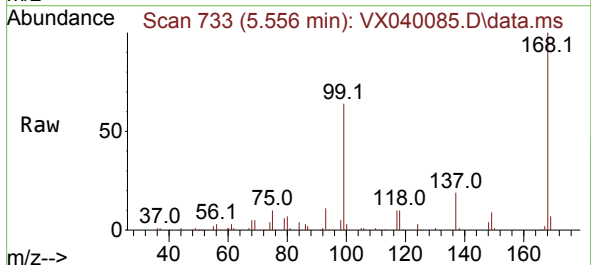
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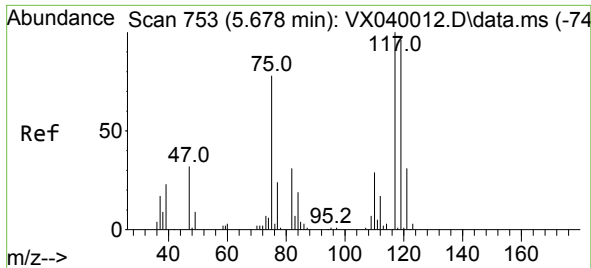
Tgt Ion:113 Resp: 50093
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 16.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.297 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

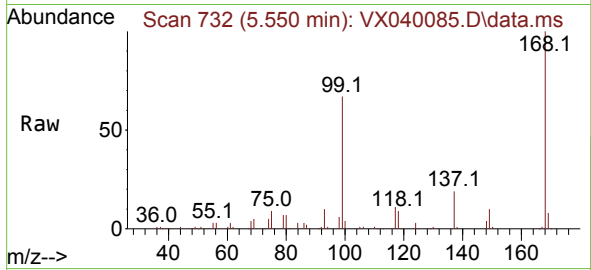
Tgt Ion: 75 Resp: 8130
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#



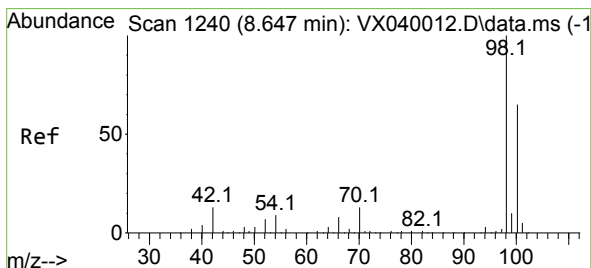
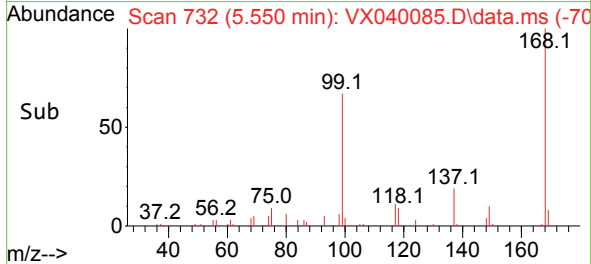
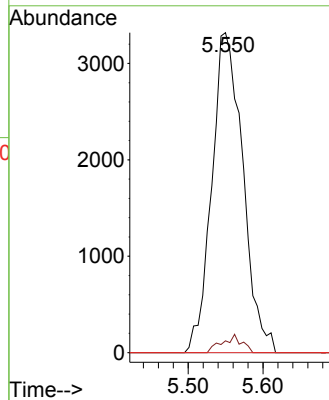


#38
Carbon Tetrachloride
Concen: 6.529 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

Instrument :
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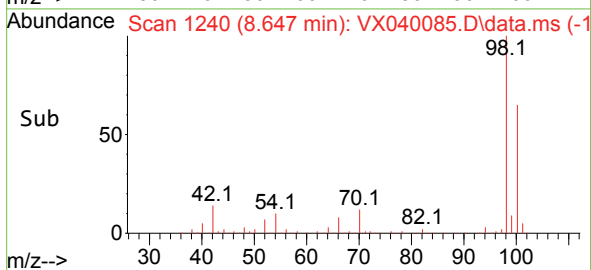
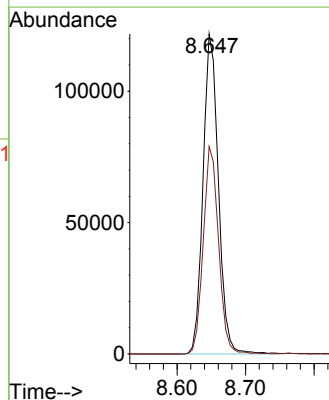
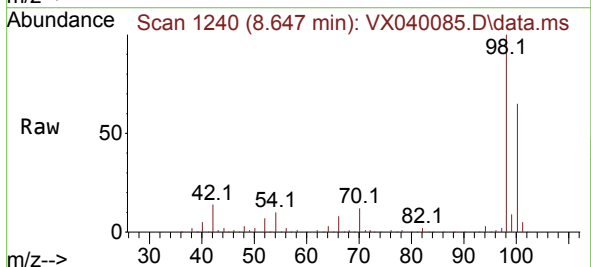


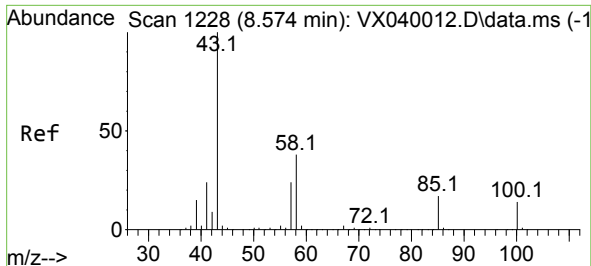
Tgt Ion:117 Resp: 9588
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.888 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

Tgt Ion: 98 Resp: 190056
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7

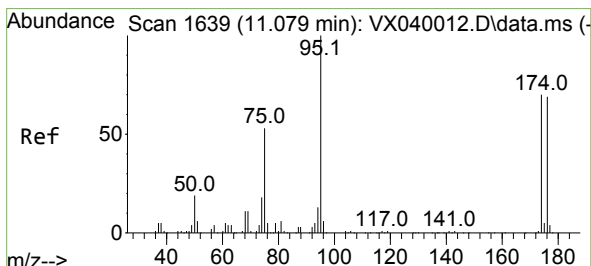
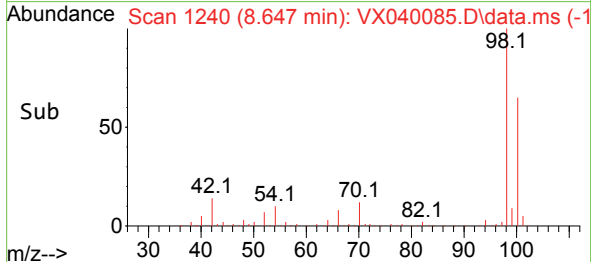
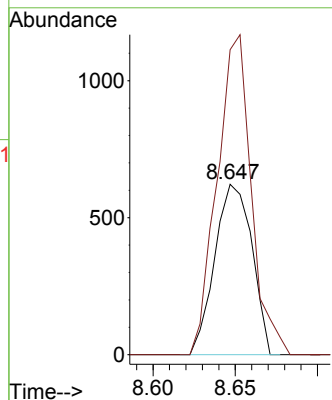
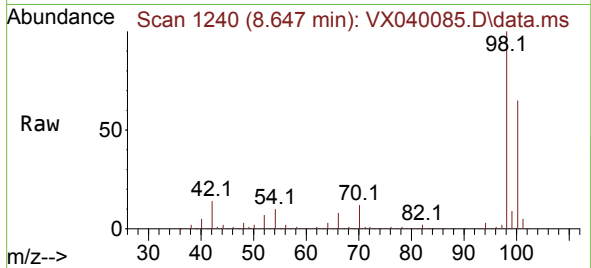




#51
4-Methyl-2-Pentanone
Concen: 0.542 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

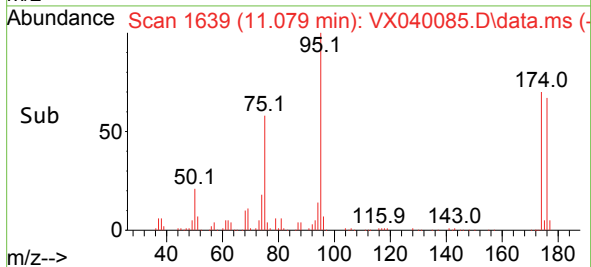
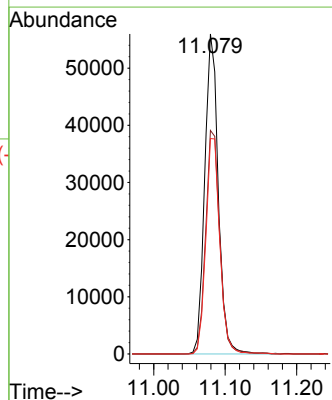
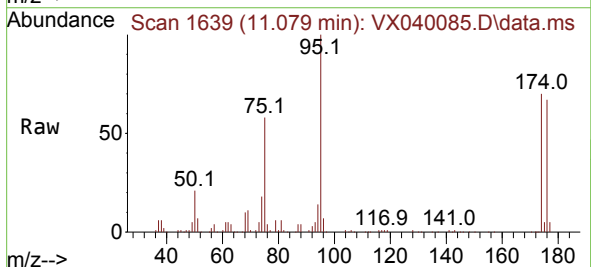
Instrument :
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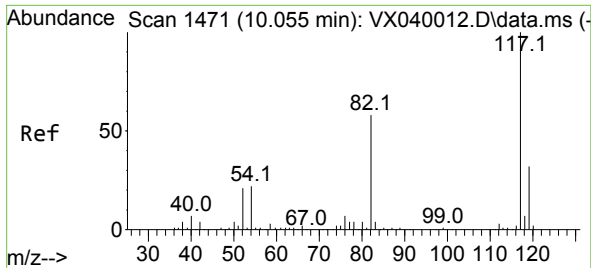
Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 172.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

Tgt Ion: 95 Resp: 73842
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 69.5 0.0 131.0

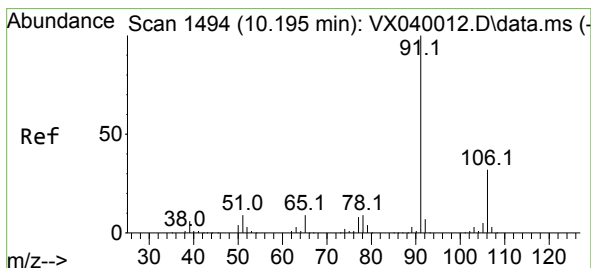
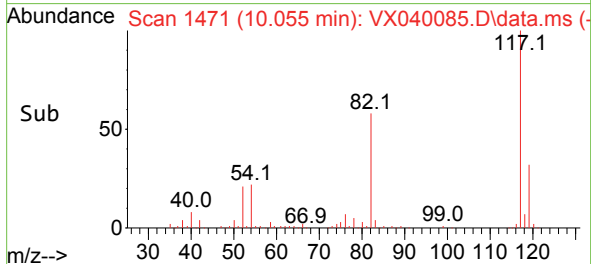
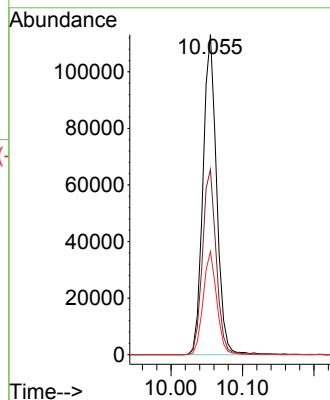
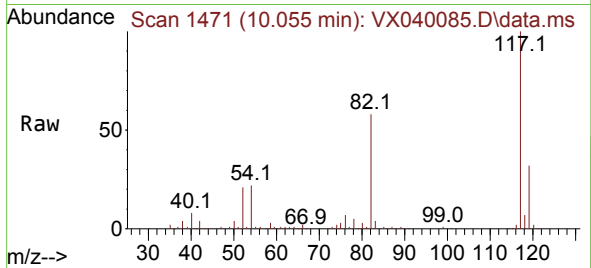




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

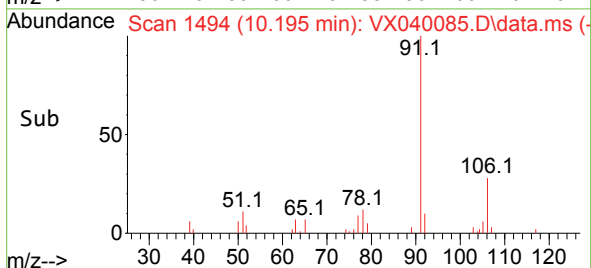
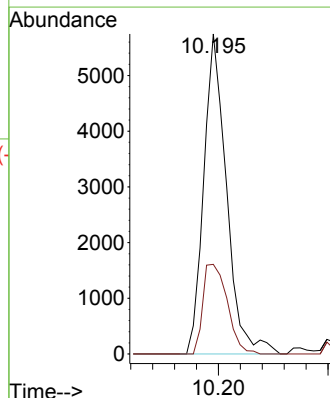
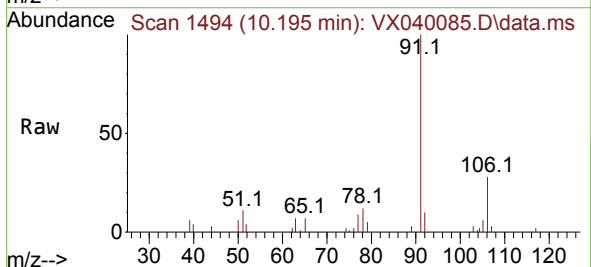
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-585-587

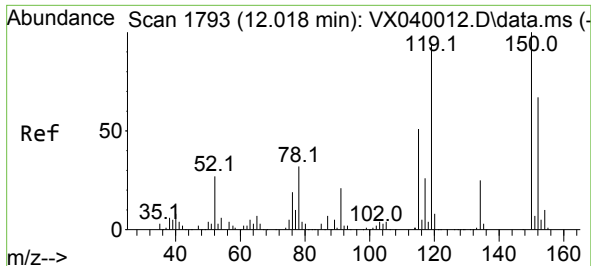
Tgt Ion:117 Resp: 149960
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 1.490 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

Tgt Ion: 91 Resp: 8287
Ion Ratio Lower Upper
91 100
106 28.0 24.9 37.3

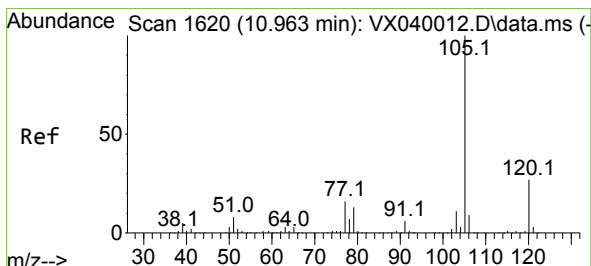
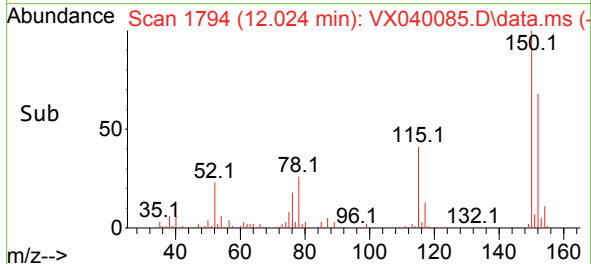
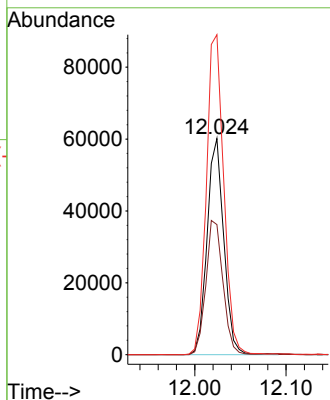
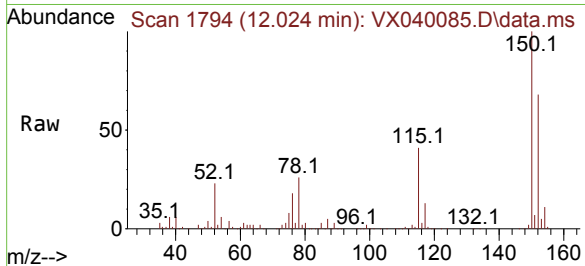




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

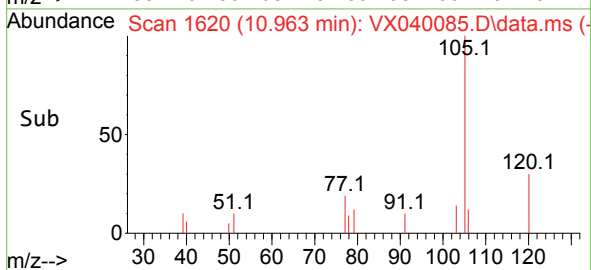
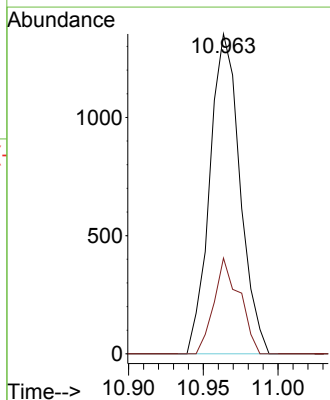
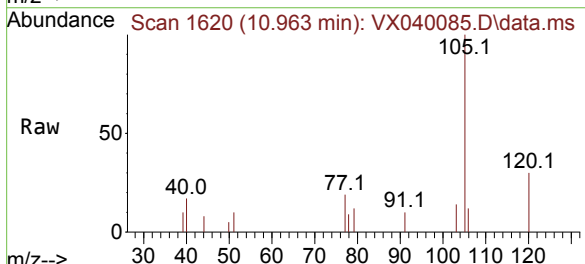
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-585-587

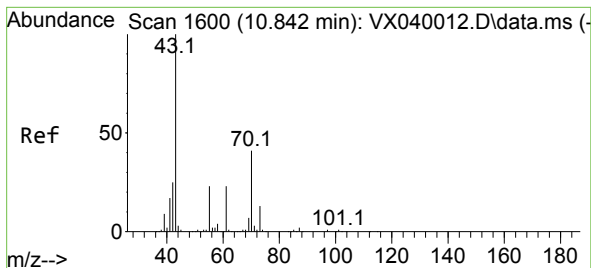
Tgt Ion:152 Resp: 76076
Ion Ratio Lower Upper
152 100
115 63.6 43.3 129.9
150 154.0 0.0 345.0



#73
Isopropylbenzene
Concen: 0.348 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

Tgt Ion:105 Resp: 1903
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.6





#74

N-amy1 acetate

Concen: 0.231 ug/l

RT: 11.091 min Scan# 1

Delta R.T. 0.249 min

Lab File: VX040085.D

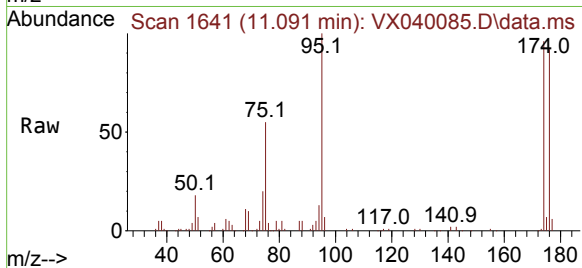
Acq: 02 Feb 2024 14:30

Instrument :

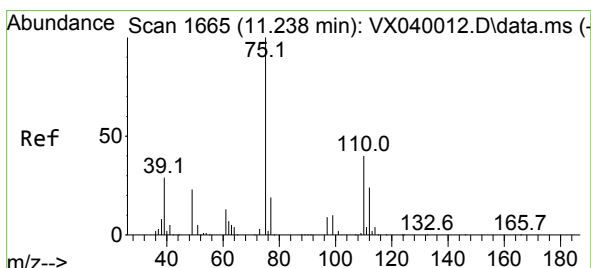
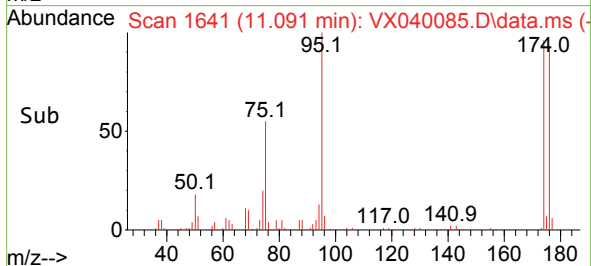
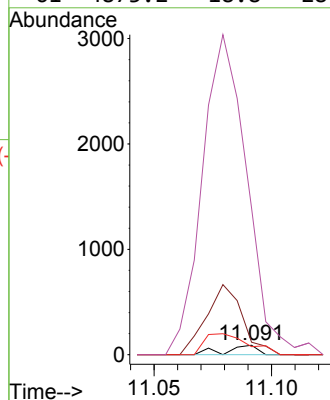
MSVOA_X

ClientSampleId :

BP-VPB-195-GW-585-587



Tgt Ion: 43	Resp: 82
Ion Ratio	Lower Upper
43	100
70	865.9 32.9 49.3#
55	315.9 19.3 28.9#
61	4873.2 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 25.078 ug/l

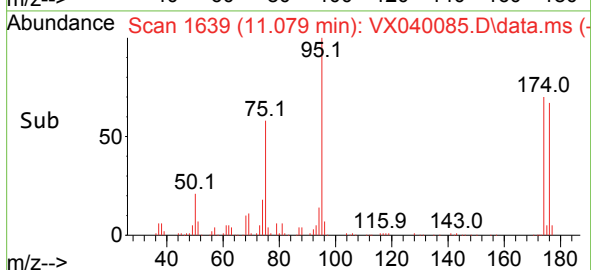
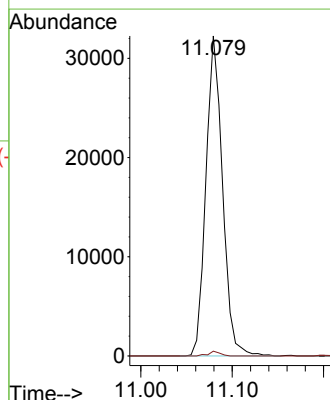
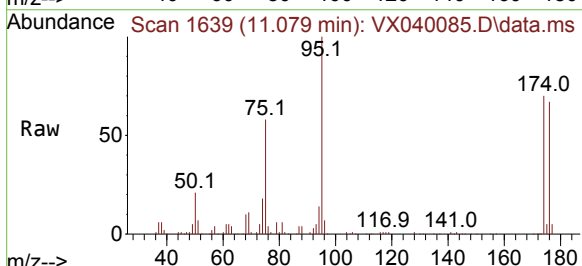
RT: 11.079 min Scan# 1639

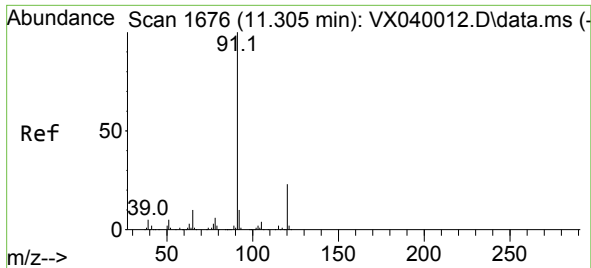
Delta R.T. -0.158 min

Lab File: VX040085.D

Acq: 02 Feb 2024 14:30

Tgt Ion: 75	Resp: 40627
Ion Ratio	Lower Upper
75	100
77	1.0 19.1 57.5#

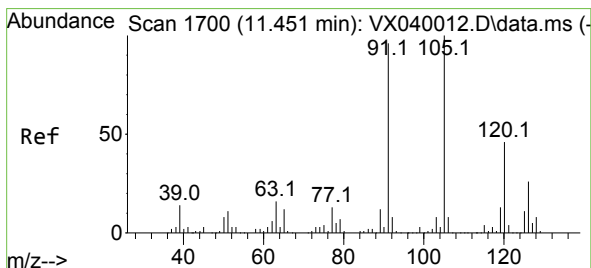
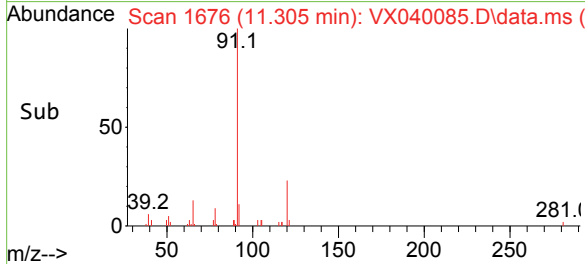
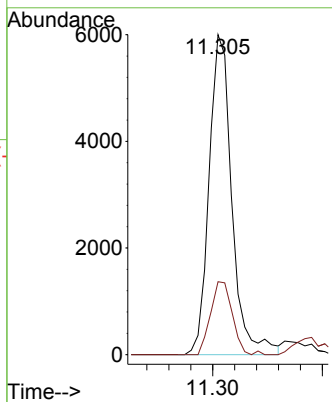
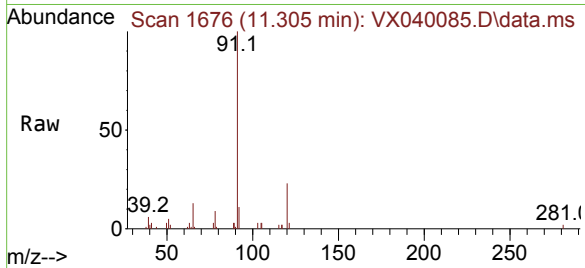




#78
n-propylbenzene
Concen: 1.288 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

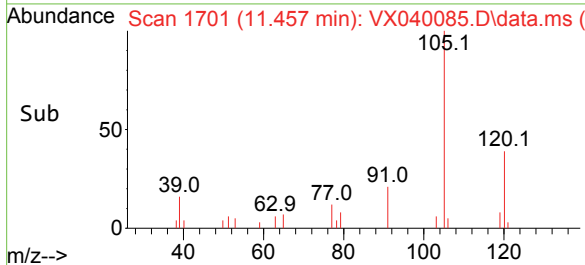
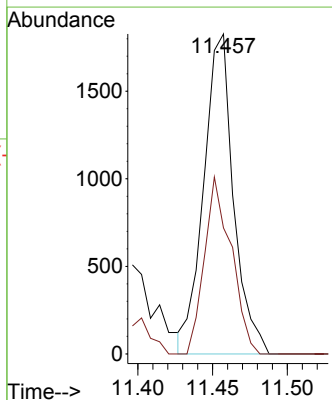
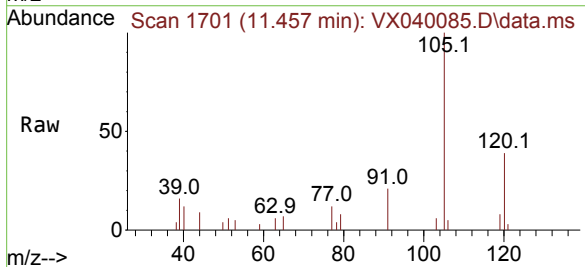
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-585-587

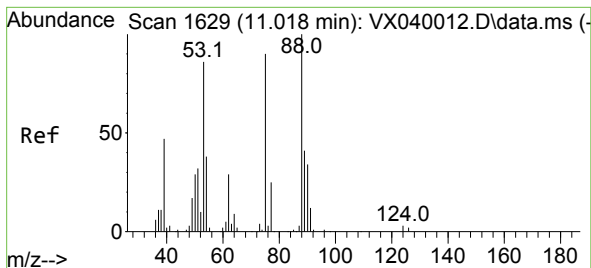
Tgt Ion: 91 Resp: 8660
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 0.541 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

Tgt Ion: 105 Resp: 2540
Ion Ratio Lower Upper
105 100
120 49.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 74.112 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX040085.D

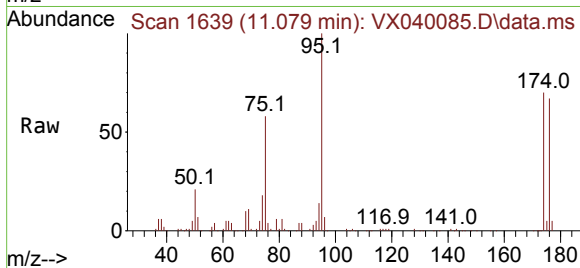
Acq: 02 Feb 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-585-587



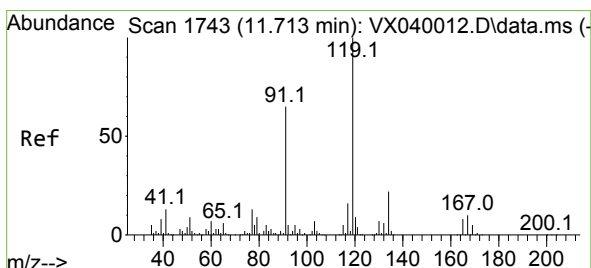
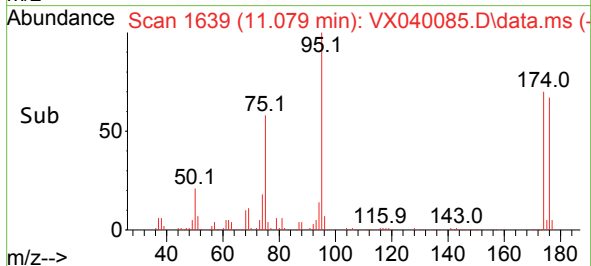
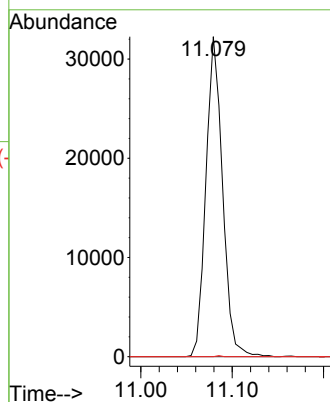
Tgt Ion: 75 Resp: 40627

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#



#83

tert-Butylbenzene

Concen: 0.423 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.043 min

Lab File: VX040085.D

Acq: 02 Feb 2024 14:30

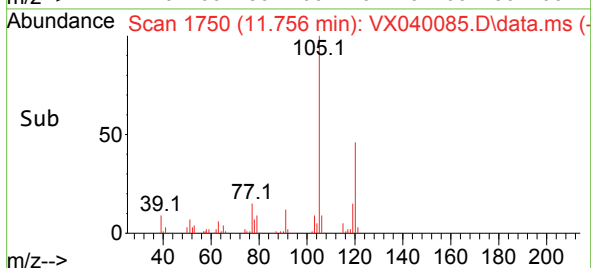
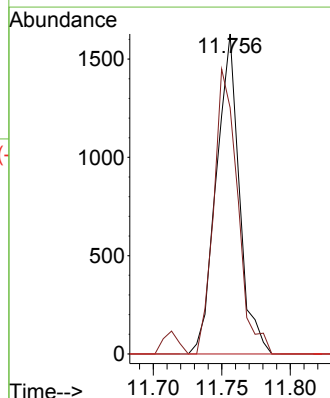
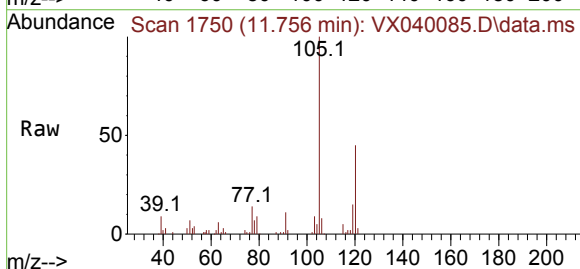
Tgt Ion: 119 Resp: 1903

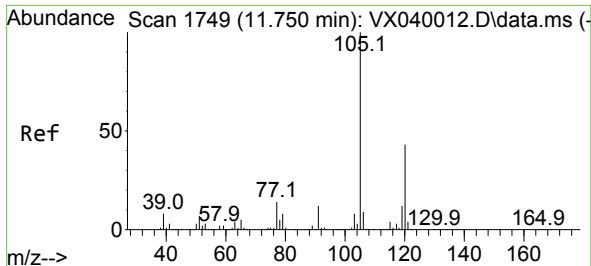
Ion Ratio Lower Upper

119 100

91 92.4 31.2 93.6

134 0.0 11.7 35.0#

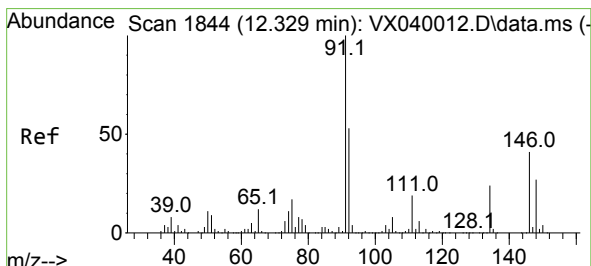
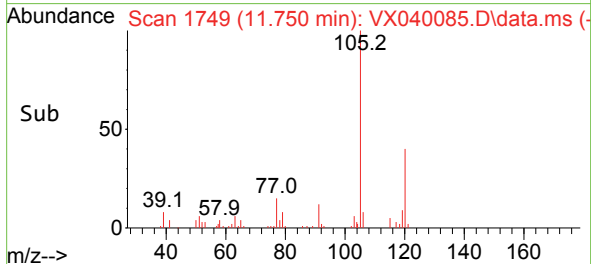
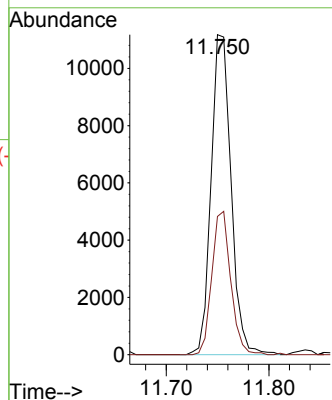
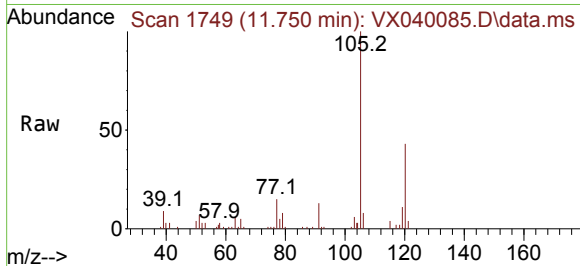




#84
1,2,4-Trimethylbenzene
Concen: 3.221 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

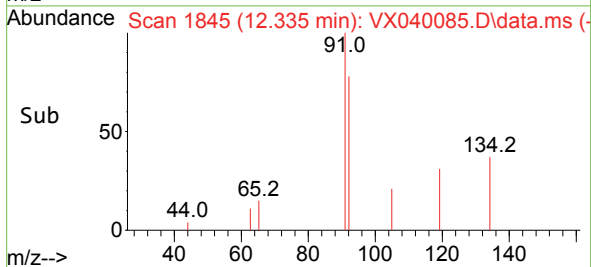
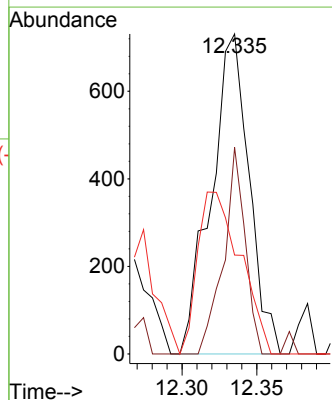
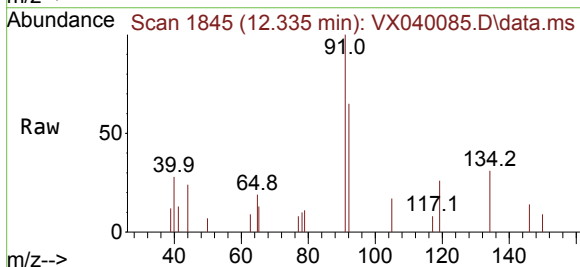
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-585-587

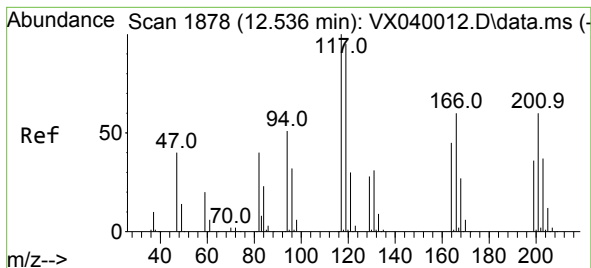
Tgt Ion:105 Resp: 15093
Ion Ratio Lower Upper
105 100
120 42.3 21.2 63.6



#89
n-Butylbenzene
Concen: 0.274 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040085.D
Acq: 02 Feb 2024 14:30

Tgt Ion: 91 Resp: 1291
Ion Ratio Lower Upper
91 100
92 36.6 27.4 82.0
134 56.9 12.6 37.8#





#90

Hexachloroethane

Concen: 0.274 ug/l

RT: 12.536 min Scan# 117

Delta R.T. 0.000 min

Lab File: VX040085.D

Acq: 02 Feb 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :

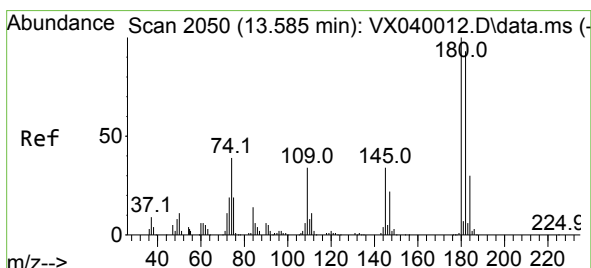
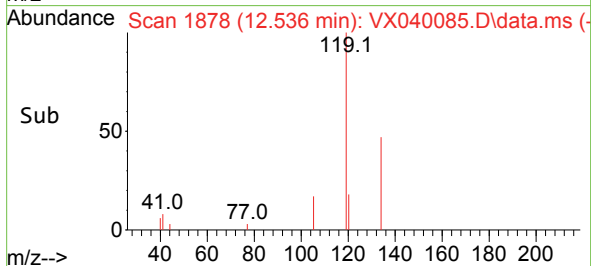
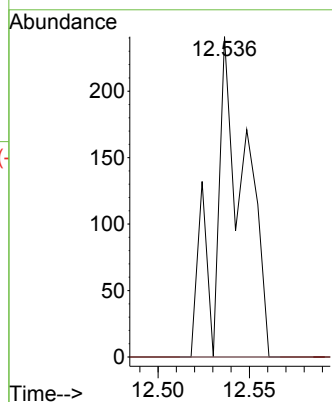
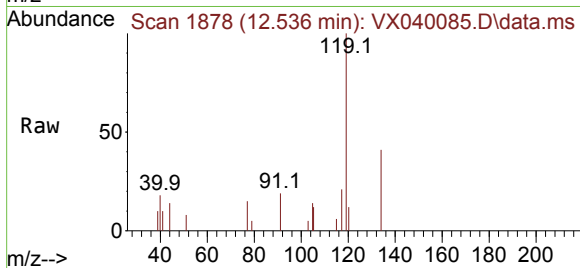
BP-VPB-195-GW-585-587

Tgt Ion:117 Resp: 276

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#93

1,2,4-Trichlorobenzene

Concen: 0.208 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040085.D

Acq: 02 Feb 2024 14:30

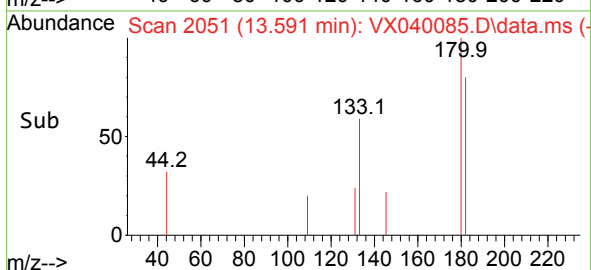
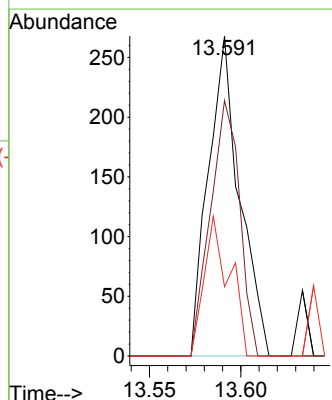
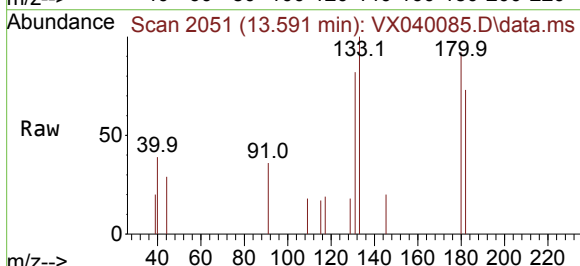
Tgt Ion:180 Resp: 319

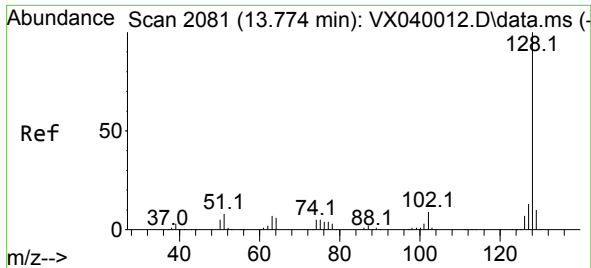
Ion Ratio Lower Upper

180 100

182 74.6 48.3 144.8

145 35.4 18.0 54.0





#95

Naphthalene

Concen: 3.481 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040085.D

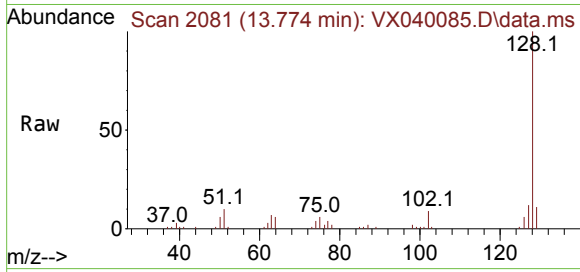
Acq: 02 Feb 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-585-587



Tgt Ion:128 Resp: 18114

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 9.6 8.8 13.2

