

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040196.D
 Acq On : 12 Feb 2024 13:56
 Operator : JC/MD
 Sample : P1439-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-EB-20240207

Quant Time: Feb 12 14:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

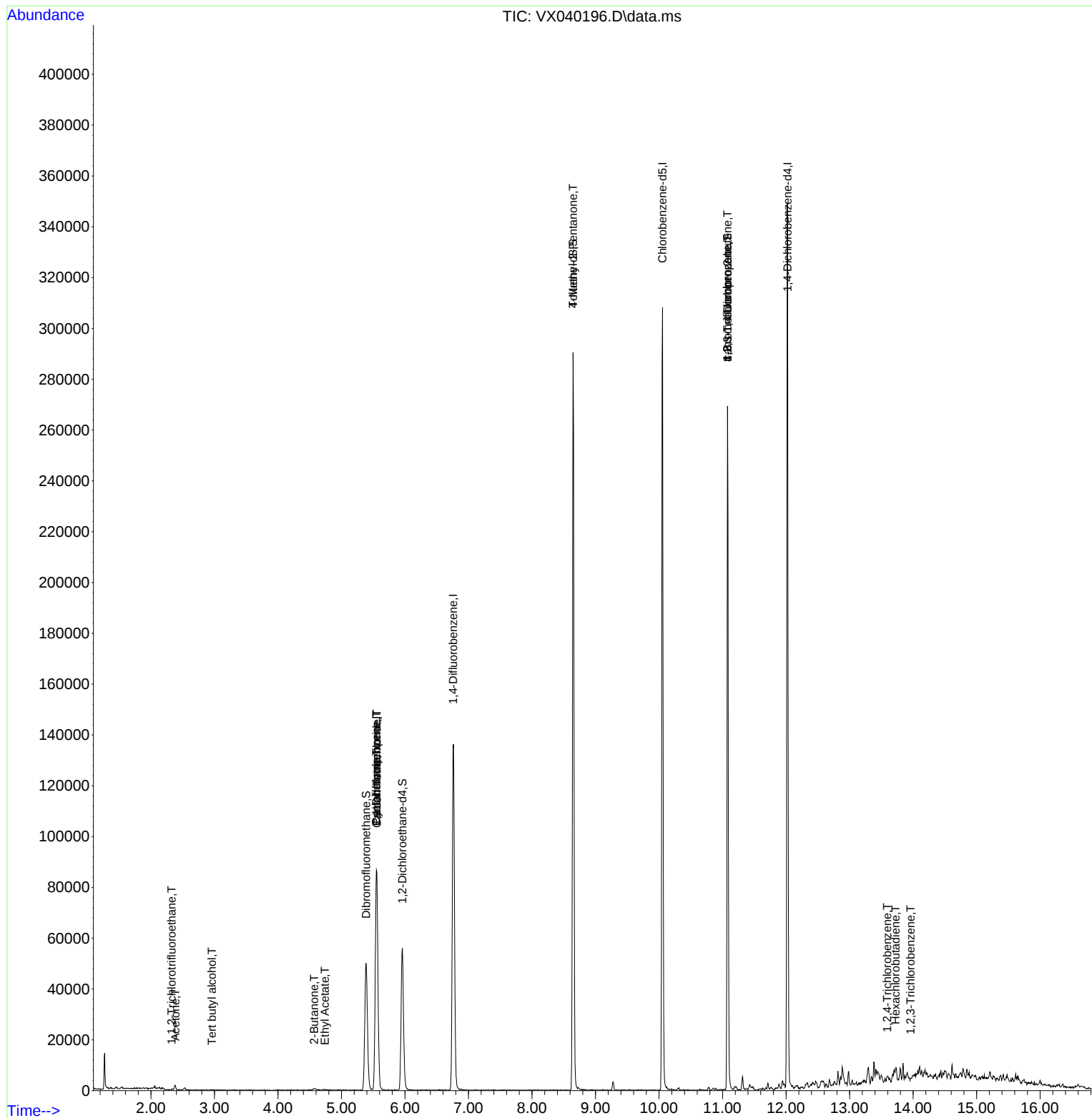
Internal Standards						
1) Pentafluorobenzene	5.550	168	83194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54143	43.746	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.500%
35) Dibromofluoromethane	5.385	113	43901	45.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.320%
50) Toluene-d8	8.647	98	171550	47.174	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.340%
62) 4-Bromofluorobenzene	11.079	95	70488	47.526	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.060%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	187	0.212	ug/l #	78
11) Tert butyl alcohol	2.959	59	68	0.282	ug/l #	78
16) Acetone	2.386	43	1931	3.799	ug/l #	85
25) 2-Butanone	4.568	43	211	0.266	ug/l #	51
31) Cyclohexane	5.550	56	2013	1.364	ug/l #	56
36) 1,1-Dichloropropene	5.550	75	6810	5.001	ug/l #	49
37) Ethyl Acetate	4.739	43	605	0.399	ug/l #	69
38) Carbon Tetrachloride	5.556	117	8159	6.301	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	947	0.586	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36949	25.729	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	36949	70.670	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	378	0.244	ug/l	93
94) Hexachlorobutadiene	13.725	225	251	0.406	ug/l	94
96) 1,2,3-Trichlorobenzene	13.963	180	428	0.290	ug/l	81

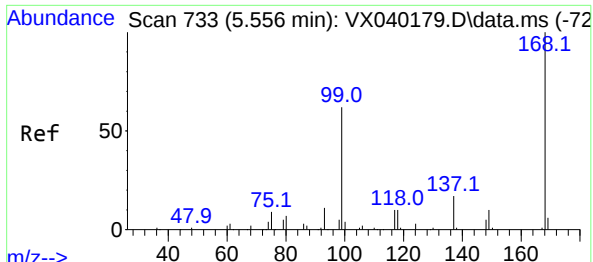
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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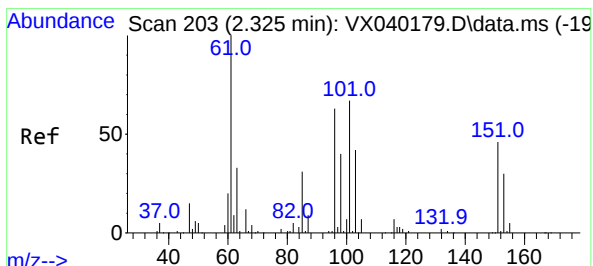
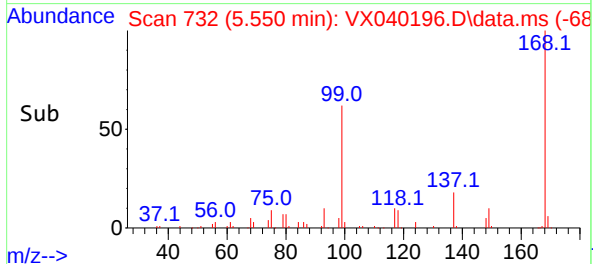
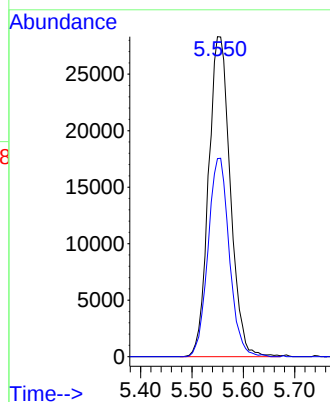
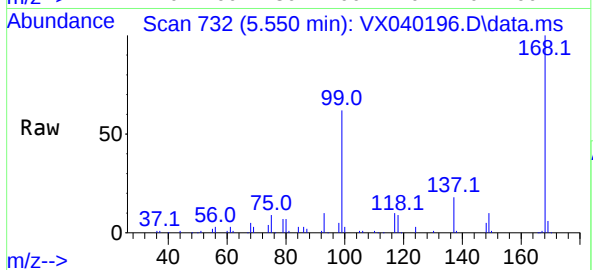




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040196.D
Acq: 12 Feb 2024 13:56

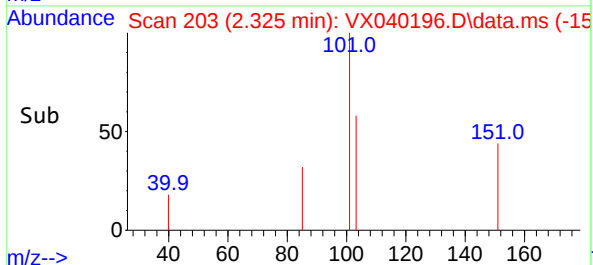
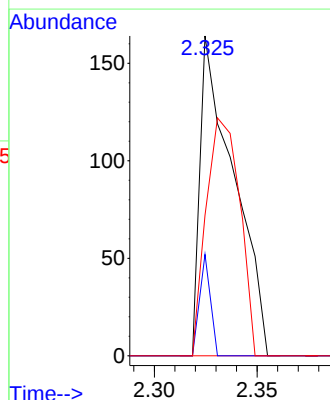
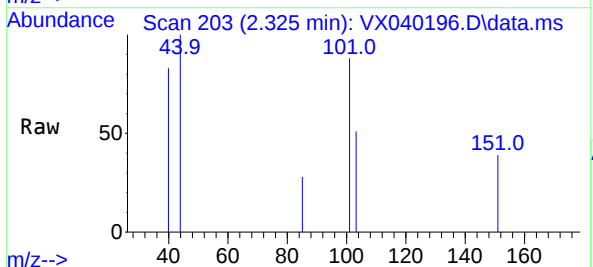
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-EB-20240207

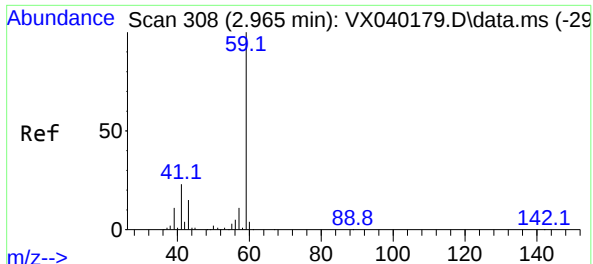
Tgt Ion:168 Resp: 83194
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.212 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX040196.D
Acq: 12 Feb 2024 13:56

Tgt Ion:101 Resp: 187
Ion Ratio Lower Upper
101 100
85 10.2 37.0 55.6#
151 73.8 58.6 87.8





#11

Tert butyl alcohol

Concen: 0.282 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX040196.D

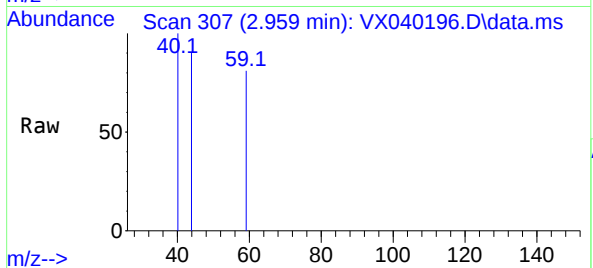
Acq: 12 Feb 2024 13:56

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-EB-20240207

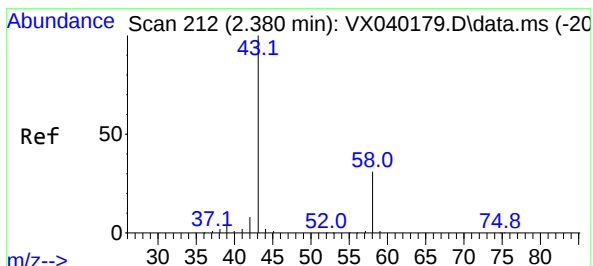
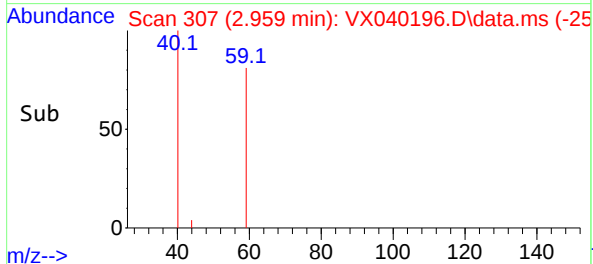
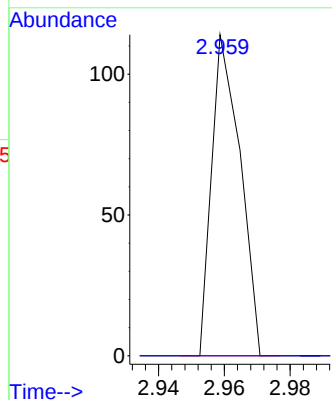


Tgt Ion: 59 Resp: 68

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 3.799 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX040196.D

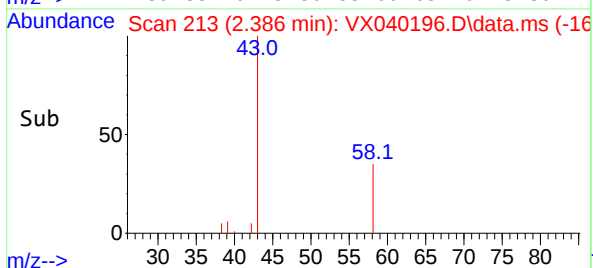
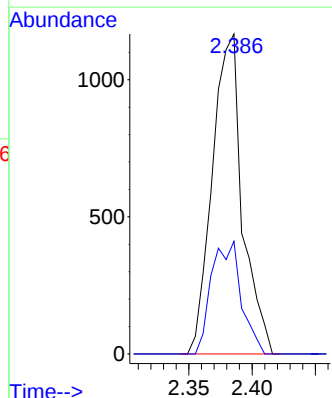
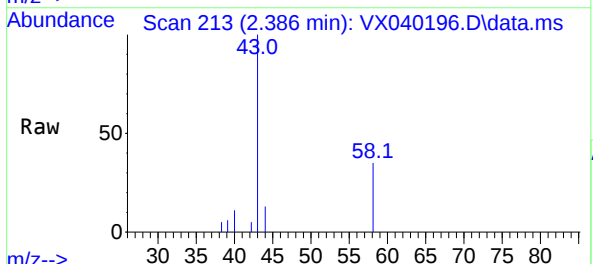
Acq: 12 Feb 2024 13:56

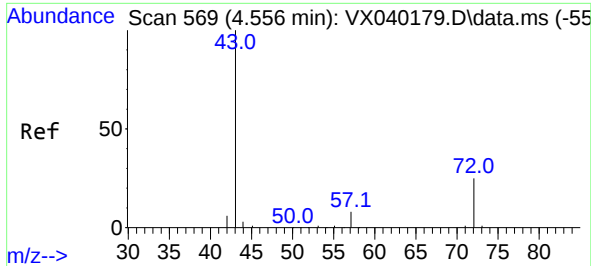
Tgt Ion: 43 Resp: 1931

Ion Ratio Lower Upper

43 100

58 35.2 21.9 32.9#





#25

2-Butanone

Concen: 0.266 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX040196.D

Acq: 12 Feb 2024 13:56

Instrument :

MSVOA_X

ClientSampleId :

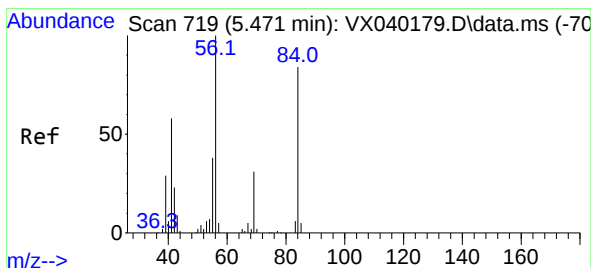
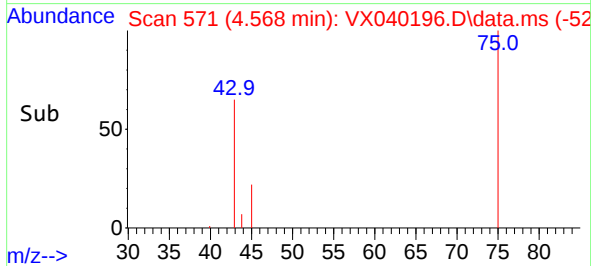
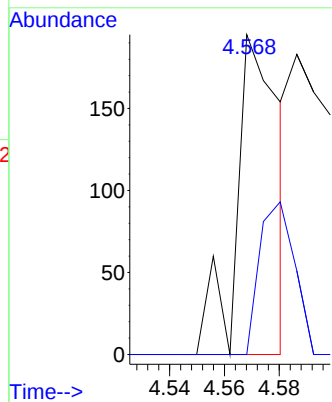
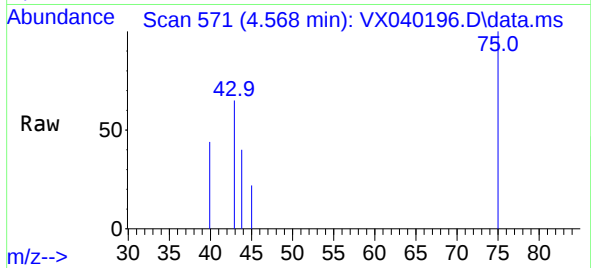
BP-VPB-195-EB-20240207

Tgt Ion: 43 Resp: 211

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 1.364 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX040196.D

Acq: 12 Feb 2024 13:56

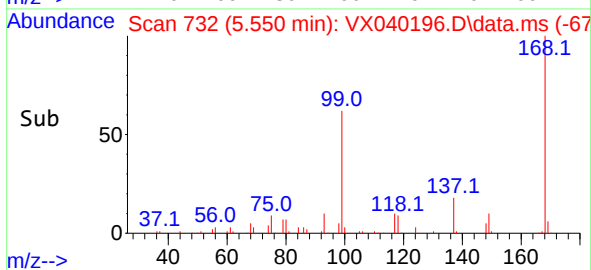
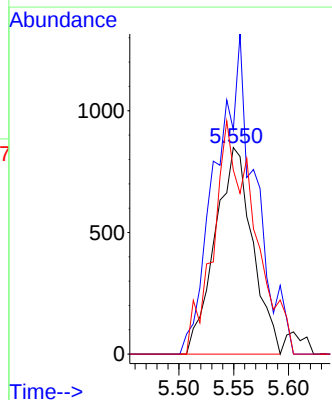
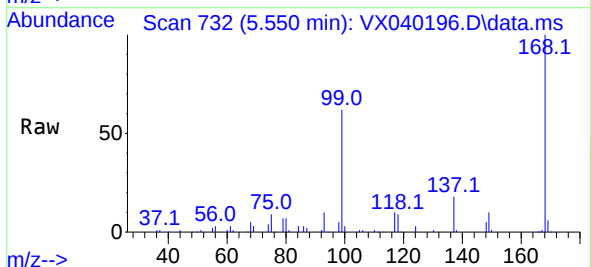
Tgt Ion: 56 Resp: 2013

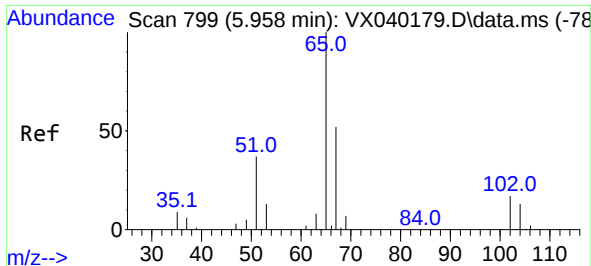
Ion Ratio Lower Upper

56 100

69 108.6 23.4 35.2#

84 89.0 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 43.746 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040196.D

Acq: 12 Feb 2024 13:56

Instrument :

MSVOA_X

ClientSampleId :

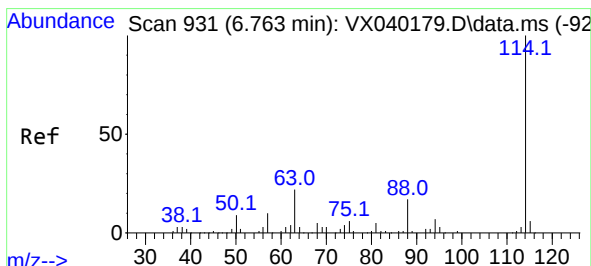
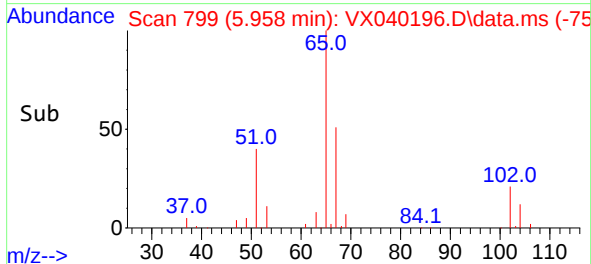
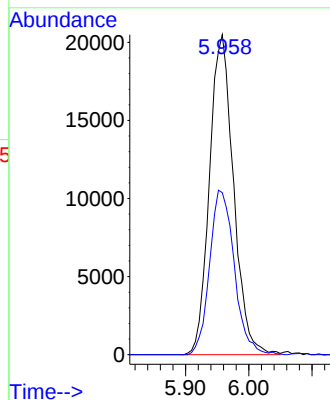
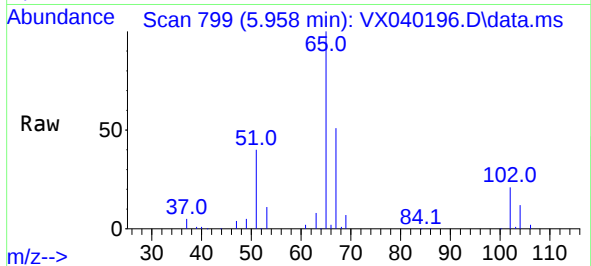
BP-VPB-195-EB-20240207

Tgt Ion: 65 Resp: 54143

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040196.D

Acq: 12 Feb 2024 13:56

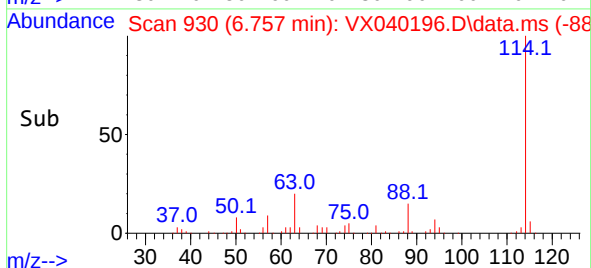
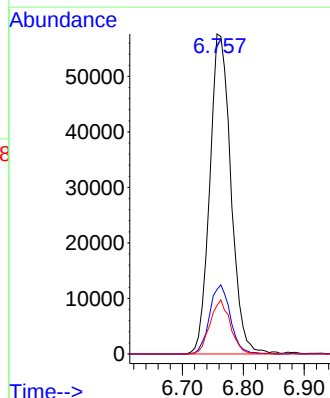
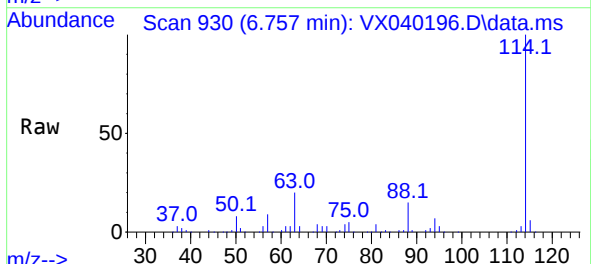
Tgt Ion: 114 Resp: 139209

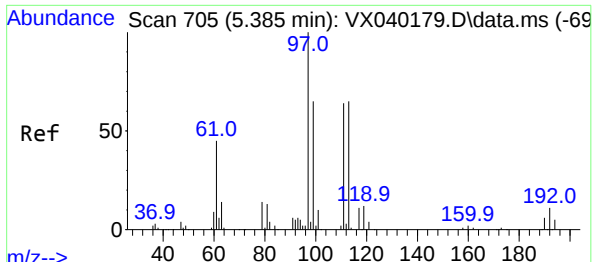
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

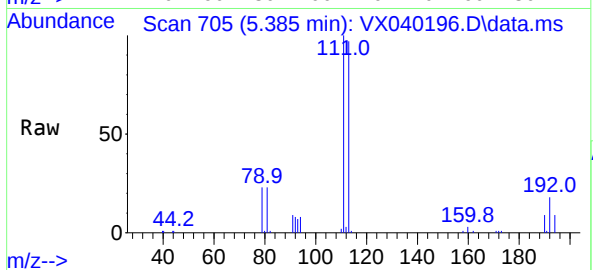
88 15.2 0.0 36.6





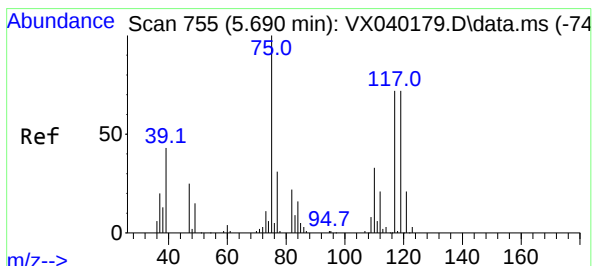
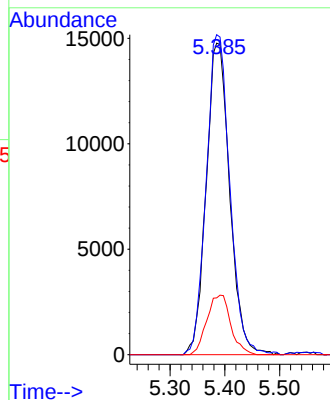
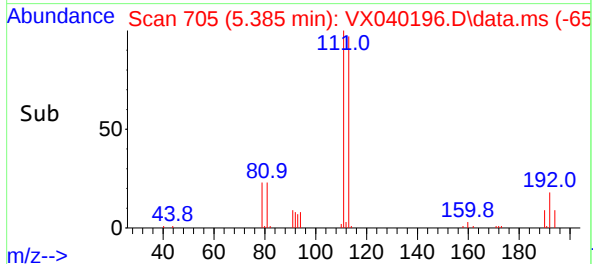
#35
Dibromofluoromethane
Concen: 45.158 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040196.D
Acq: 12 Feb 2024 13:56

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-EB-20240207



Tgt Ion: 113 Resp: 43901

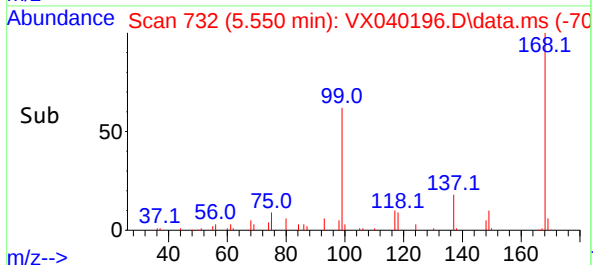
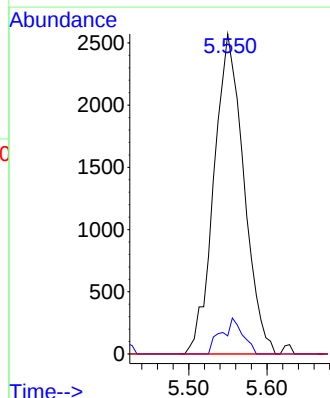
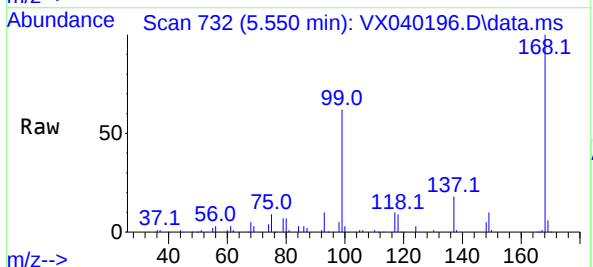
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	19.4	13.3	19.9

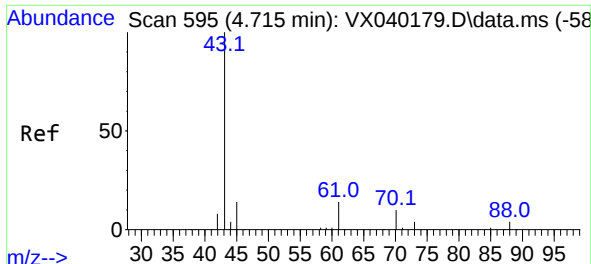


#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040196.D
Acq: 12 Feb 2024 13:56

Tgt Ion: 75 Resp: 6810

Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.0	50.9#
77	0.0	24.7	37.1#





#37

Ethyl Acetate

Concen: 0.399 ug/l

RT: 4.739 min Scan# 599

Delta R.T. 0.018 min

Lab File: VX040196.D

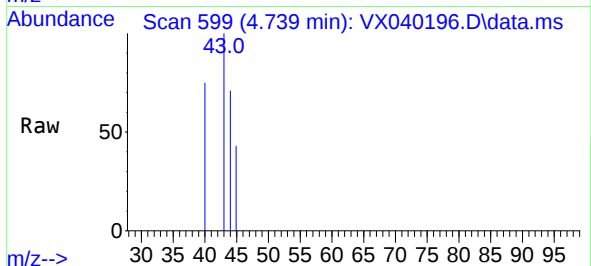
Acq: 12 Feb 2024 13:56

Instrument :

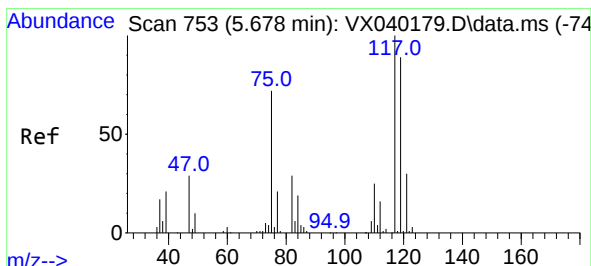
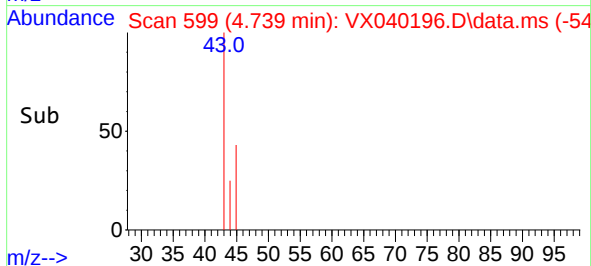
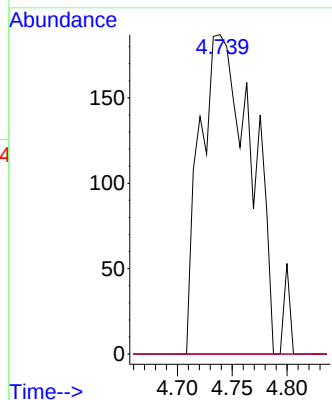
MSVOA_X

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BP-VPB-195-EB-20240207



Tgt Ion:	43	Resp:	605
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 6.301 ug/l

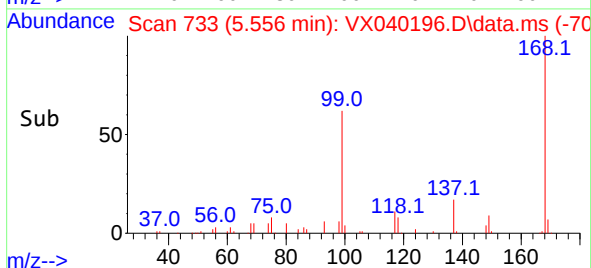
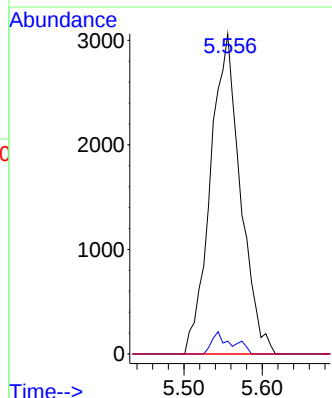
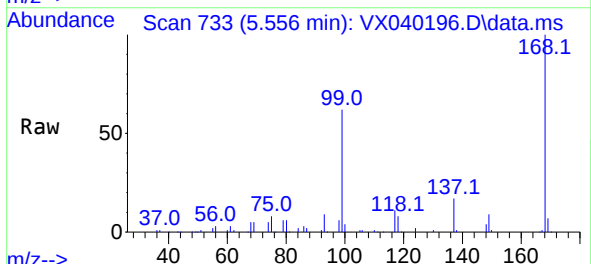
RT: 5.556 min Scan# 733

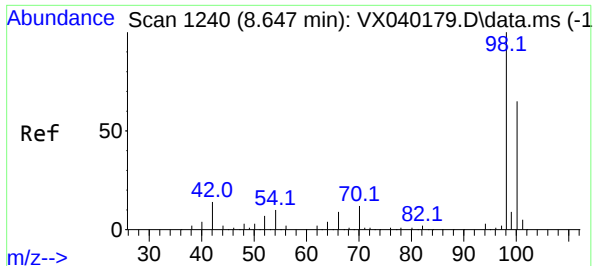
Delta R.T. -0.116 min

Lab File: VX040196.D

Acq: 12 Feb 2024 13:56

Tgt Ion:	117	Resp:	8159
Ion	Ratio	Lower	Upper
117	100		
119	4.0	78.2	117.2#
121	0.0	24.4	36.6#

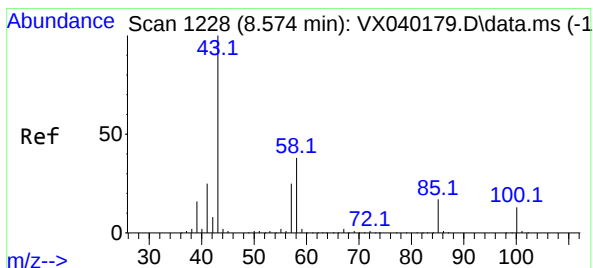
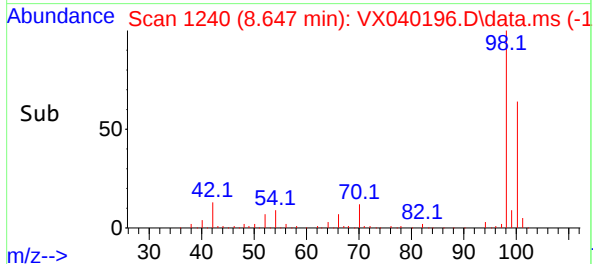
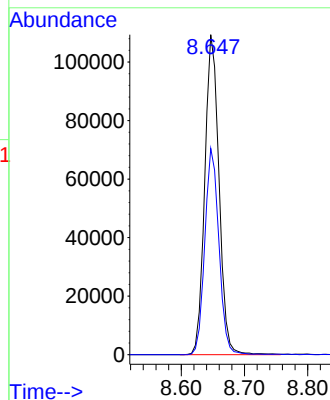
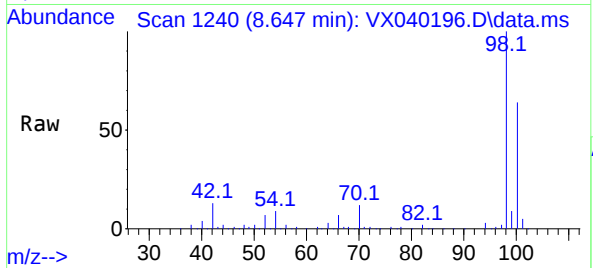




#50
Toluene-d8
Concen: 47.174 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040196.D
Acq: 12 Feb 2024 13:56

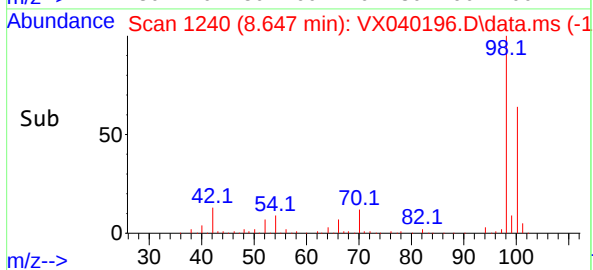
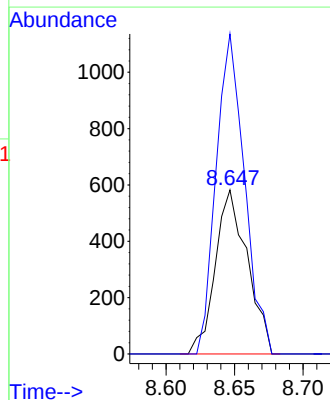
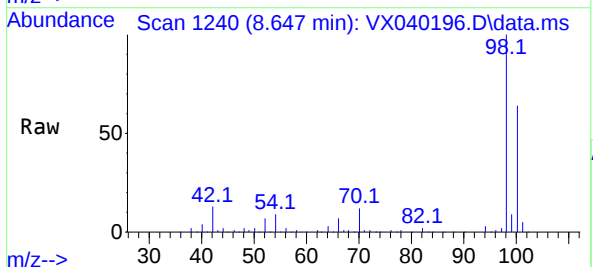
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-EB-20240207

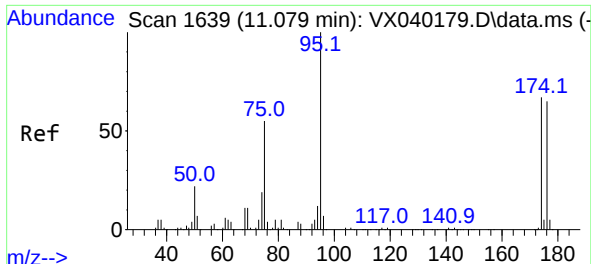
Tgt Ion: 98 Resp: 171550
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.586 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040196.D
Acq: 12 Feb 2024 13:56

Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 172.9 30.4 45.6#

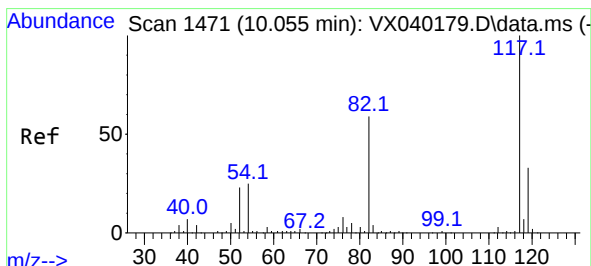
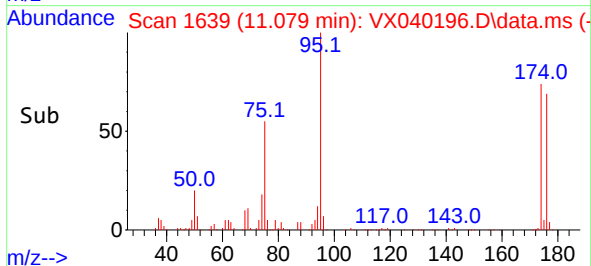
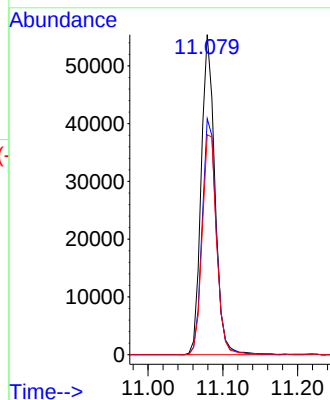
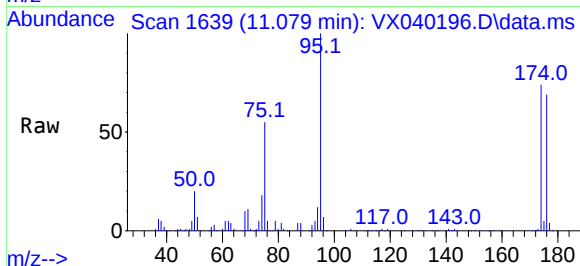




#62
4-Bromofluorobenzene
Concen: 47.526 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040196.D
Acq: 12 Feb 2024 13:56

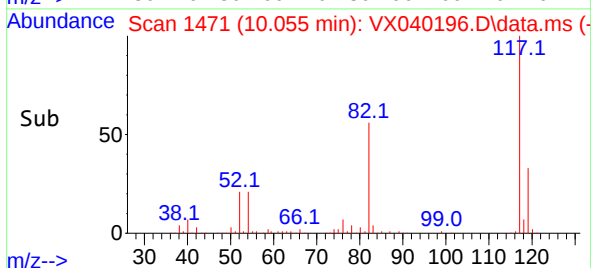
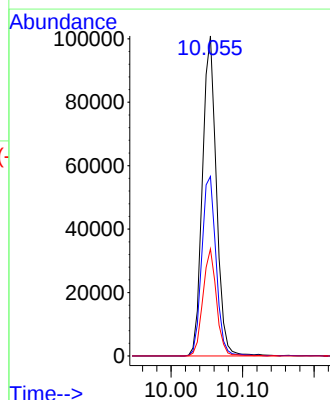
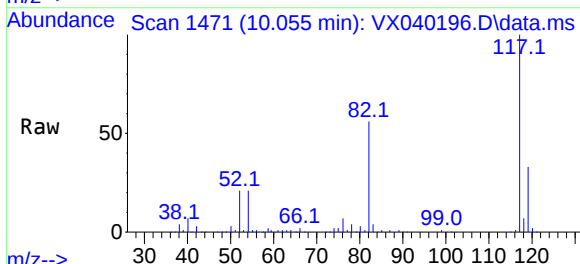
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-EB-20240207

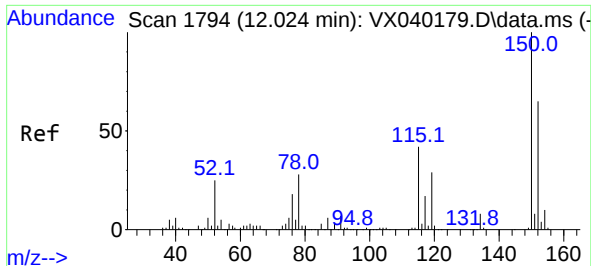
Tgt Ion: 95 Resp: 70488
Ion Ratio Lower Upper
95 100
174 76.0 0.0 135.6
176 72.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040196.D
Acq: 12 Feb 2024 13:56

Tgt Ion: 117 Resp: 137055
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 33.4 25.5 38.3

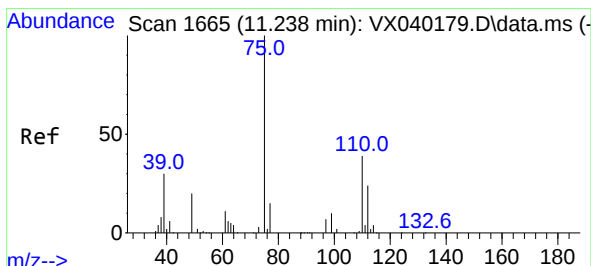
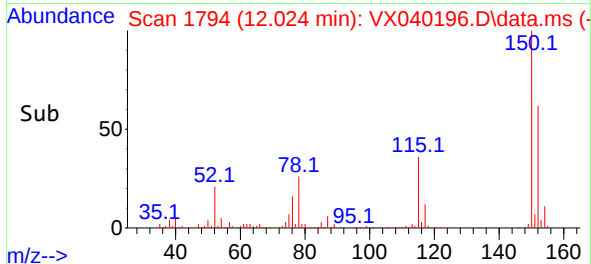
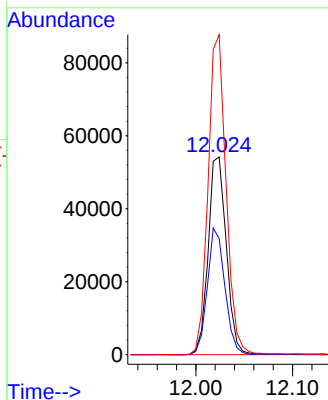
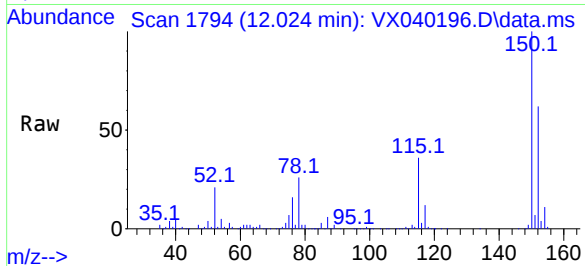




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040196.D
Acq: 12 Feb 2024 13:56

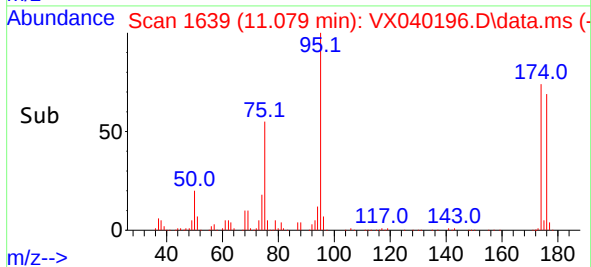
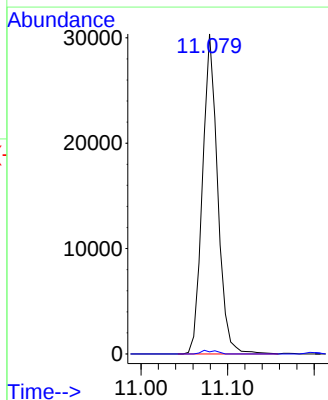
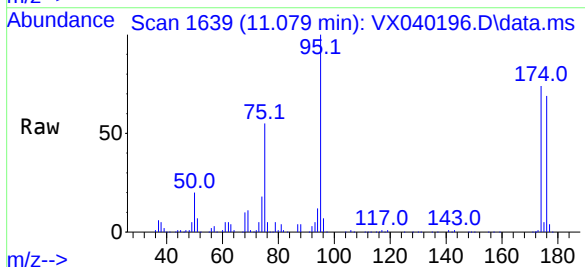
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-EB-20240207

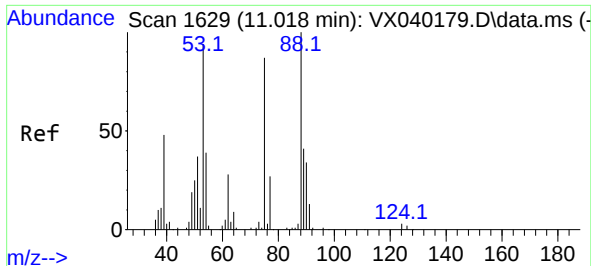
Tgt Ion:152 Resp: 70917
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 159.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.729 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040196.D
Acq: 12 Feb 2024 13:56

Tgt Ion: 75 Resp: 36949
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

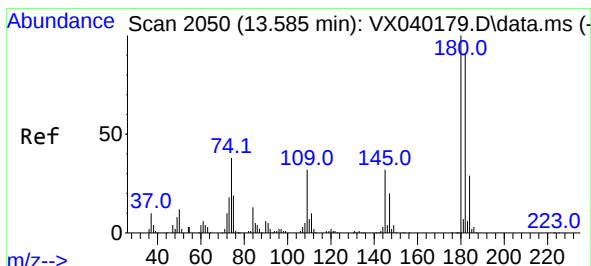
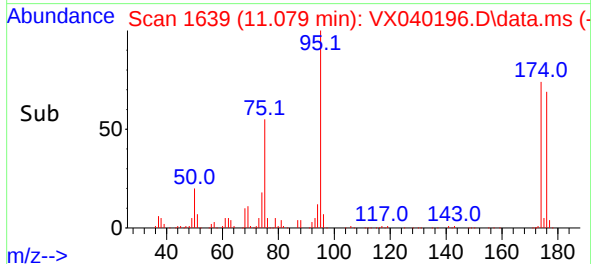
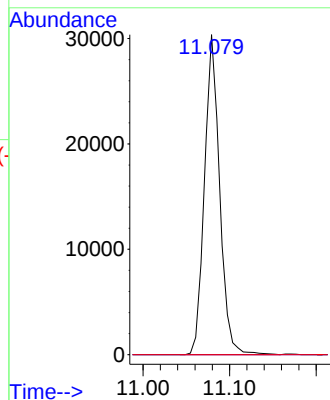
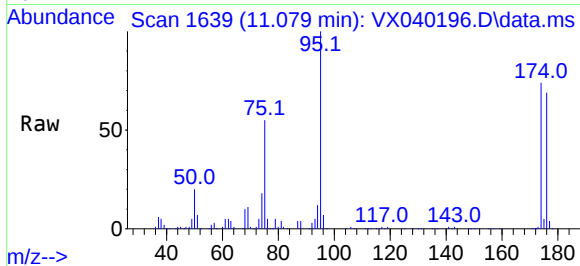




#81
trans-1,4-Dichloro-2-butene
Concen: 70.670 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040196.D
Acq: 12 Feb 2024 13:56

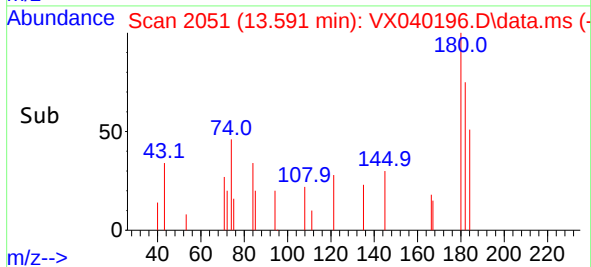
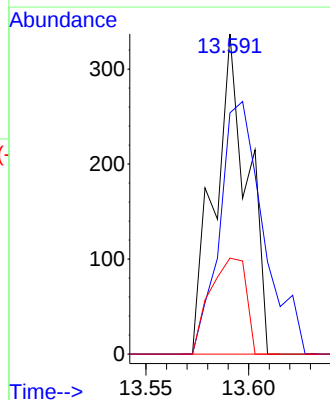
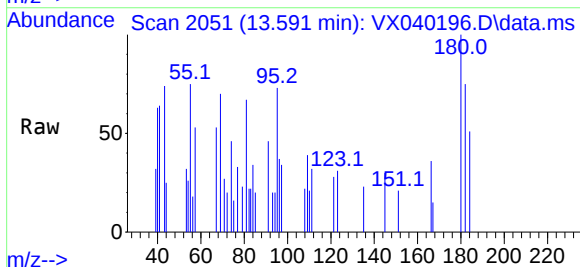
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-EB-20240207

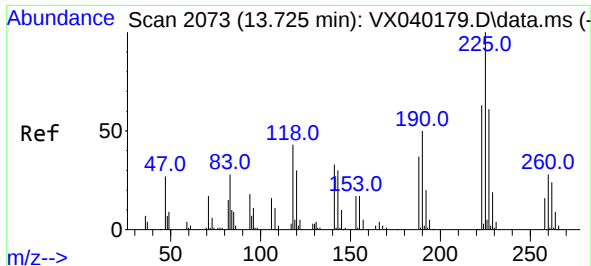
Tgt Ion: 75 Resp: 36949
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.244 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040196.D
Acq: 12 Feb 2024 13:56

Tgt Ion:180 Resp: 378
Ion Ratio Lower Upper
180 100
182 104.0 48.3 144.8
145 32.5 18.0 54.0

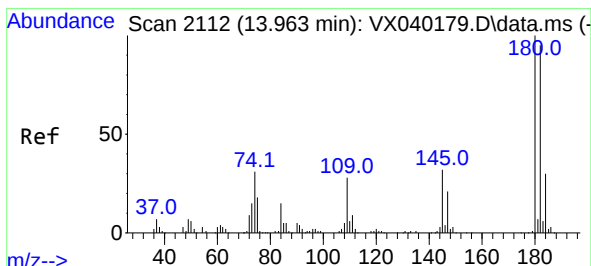
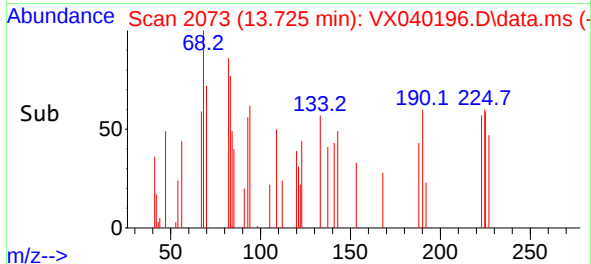
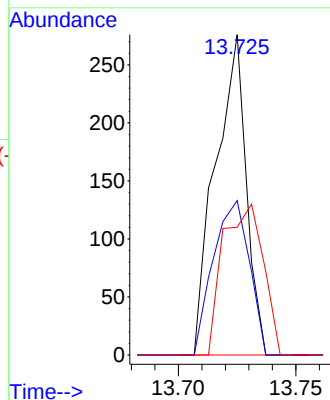
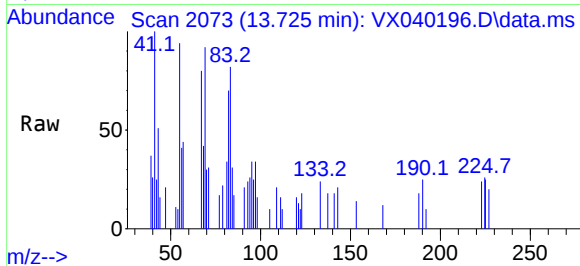




#94
Hexachlorobutadiene
Concen: 0.406 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040196.D
Acq: 12 Feb 2024 13:56

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-EB-20240207

Tgt Ion:225	Resp:	251	
Ion	Ratio	Lower	Upper
225	100		
223	56.6	31.1	93.2
227	61.4	32.5	97.5



#96
1,2,3-Trichlorobenzene
Concen: 0.290 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX040196.D
Acq: 12 Feb 2024 13:56

Tgt Ion:180	Resp:	428	
Ion	Ratio	Lower	Upper
180	100		
182	68.9	46.9	140.6
145	36.9	17.8	53.5

