

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020624\
 Data File : VX040140.D
 Acq On : 06 Feb 2024 15:38
 Operator : JC/MD
 Sample : P1376-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-TB-20240201

Quant Time: Feb 07 00:36:46 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)

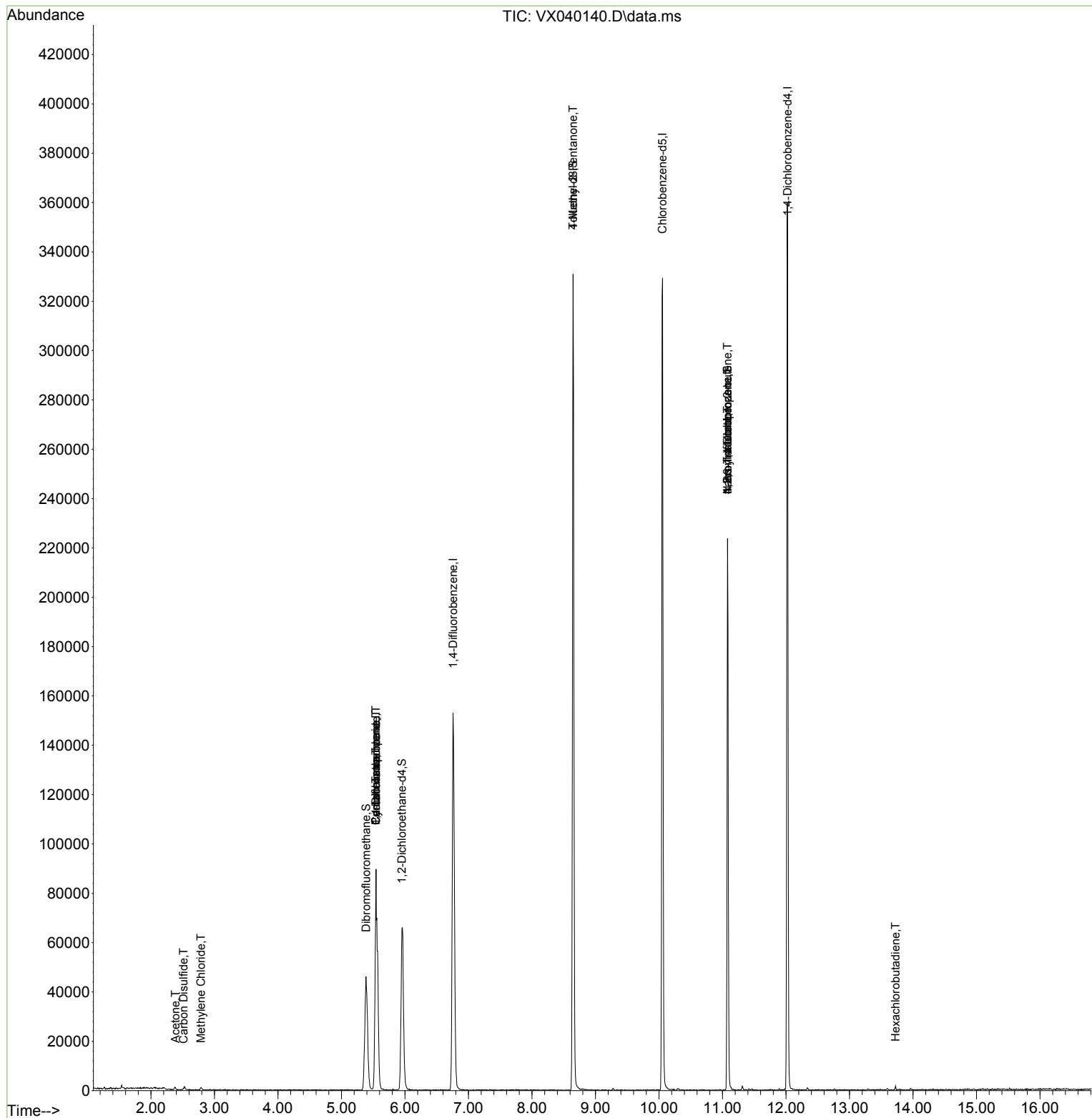
Internal Standards						
1) Pentafluorobenzene	5.544	168	76101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64651	52.787	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.580%			
35) Dibromofluoromethane	5.385	113	40844	38.882	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 77.760%			
50) Toluene-d8	8.647	98	191034	48.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.260%			
62) 4-Bromofluorobenzene	11.079	95	56001	37.022	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 74.040%#			
Target Compounds					Qvalue	
16) Acetone	2.386	43	996	1.736	ug/l #	71
17) Carbon Disulfide	2.514	76	541	0.216	ug/l #	76
20) Methylene Chloride	2.788	84	459	0.450	ug/l #	74
31) Cyclohexane	5.544	56	1925	1.255	ug/l #	14
36) 1,1-Dichloropropene	5.544	75	7210	4.746	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8202	5.642	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	856	0.479	ug/l #	1
74) N-amyl acetate	11.079	43	91	0.237	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33256	21.467	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	33256	64.986	ug/l #	5
94) Hexachlorobutadiene	13.725	225	326	0.565	ug/l	71

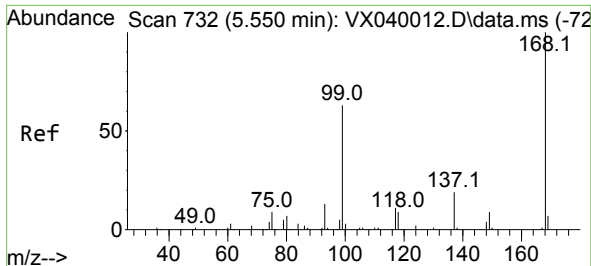
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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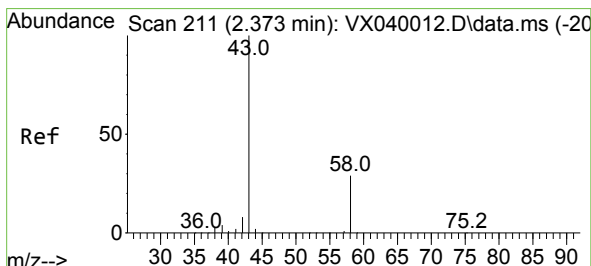
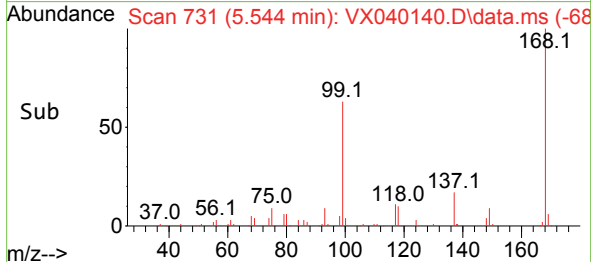
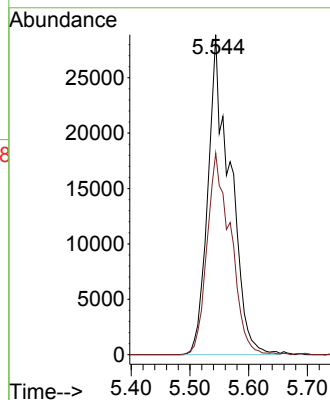
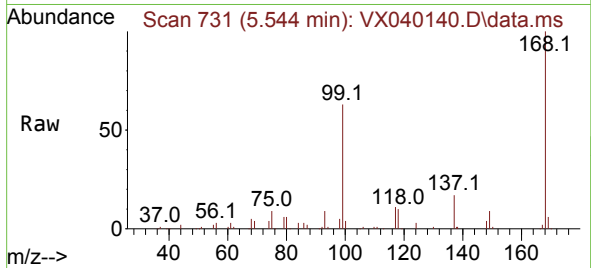




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

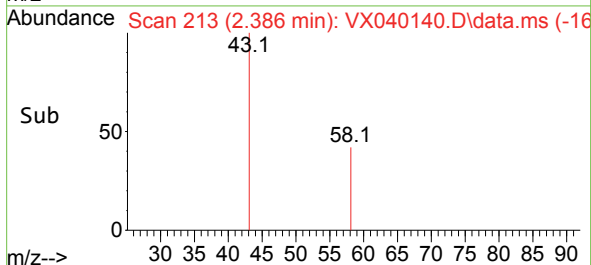
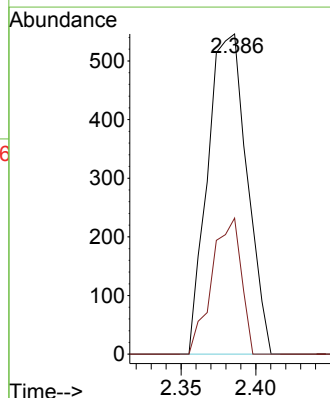
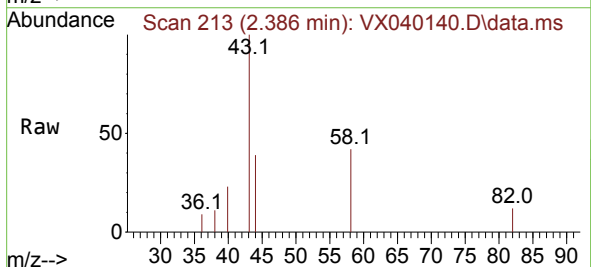
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240201

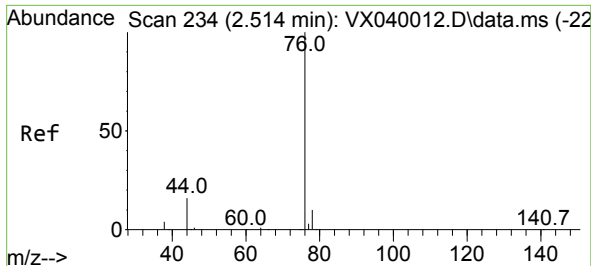
Tgt Ion:168 Resp: 76101
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#16
Acetone
Concen: 1.736 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 42.5 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.216 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040140.D

Acq: 06 Feb 2024 15:38

Instrument :

MSVOA_X

ClientSampleId :

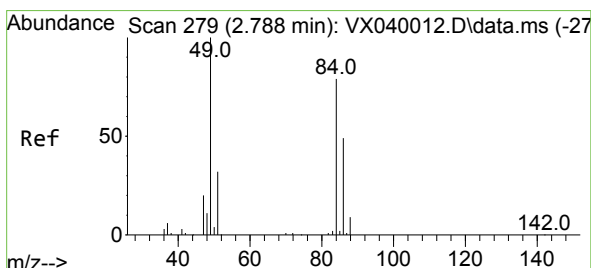
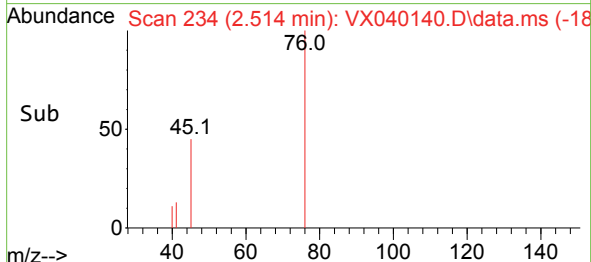
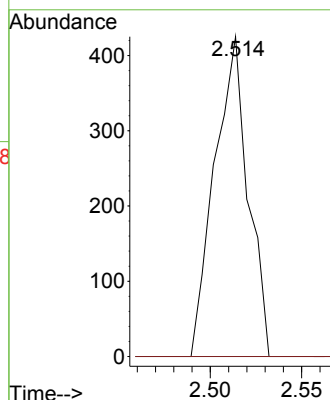
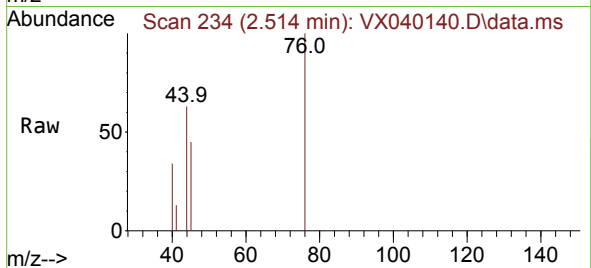
BP-VPB-195-TB-20240201

Tgt Ion: 76 Resp: 541

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.450 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040140.D

Acq: 06 Feb 2024 15:38

Tgt Ion: 84 Resp: 459

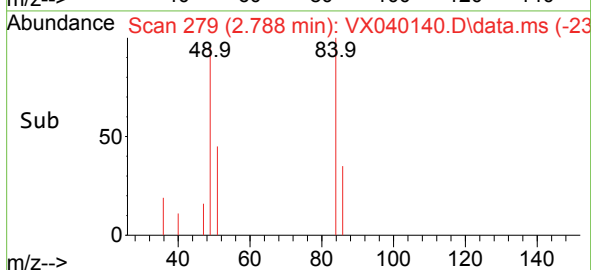
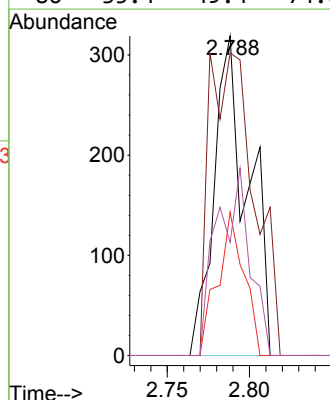
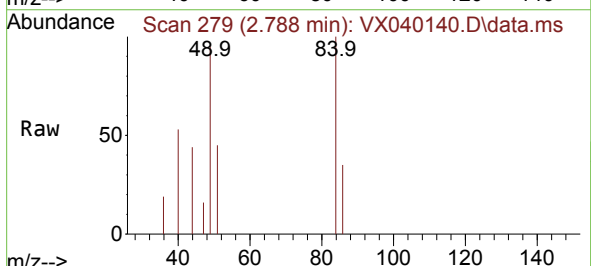
Ion Ratio Lower Upper

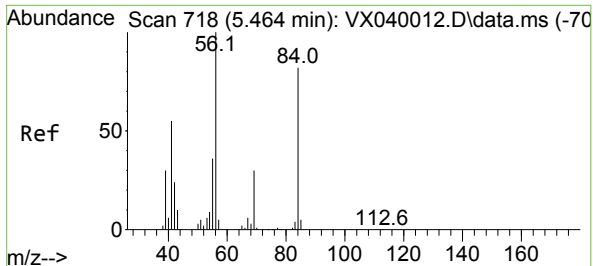
84 100

49 94.7 103.6 155.4#

51 44.8 33.8 50.6

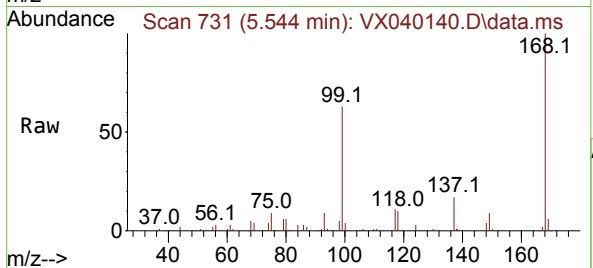
86 35.4 49.4 74.0#



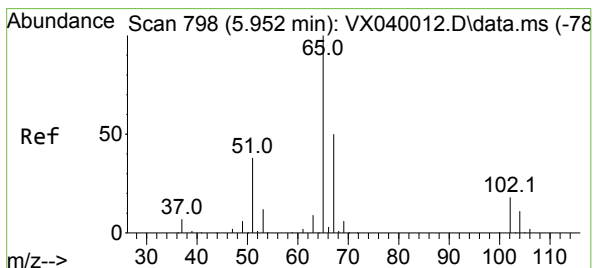
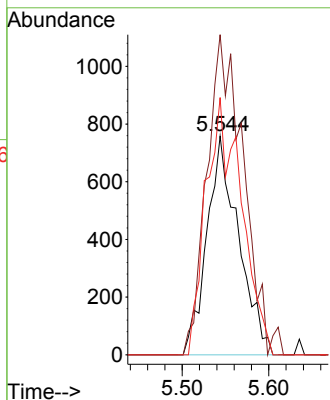
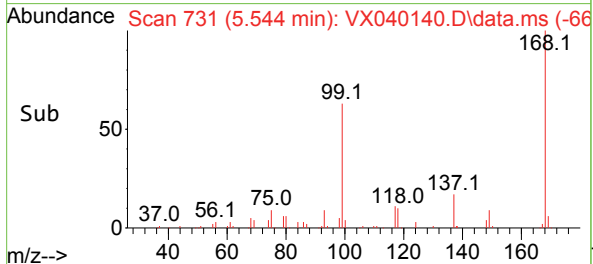


#31
Cyclohexane
Concen: 1.255 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240201

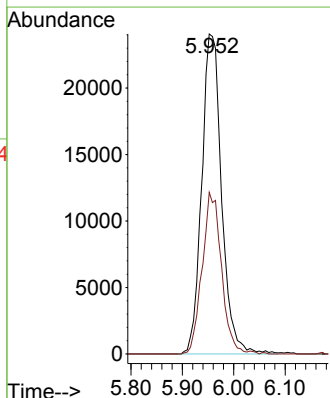
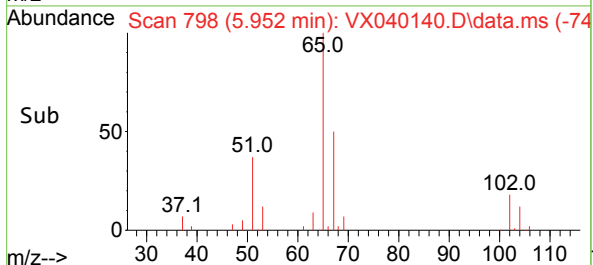
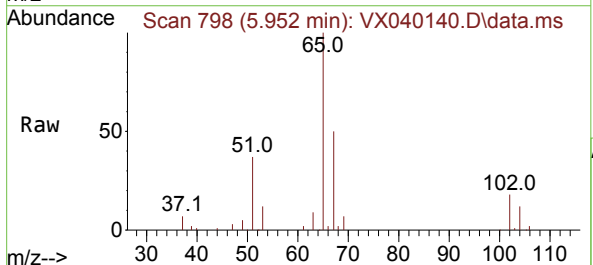


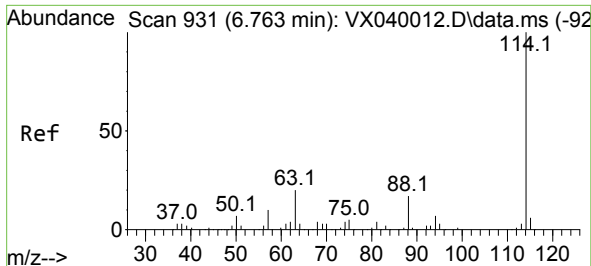
Tgt Ion: 56 Resp: 1925
Ion Ratio Lower Upper
56 100
69 146.4 23.4 35.2#
84 117.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.787 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

Tgt Ion: 65 Resp: 64651
Ion Ratio Lower Upper
65 100
67 48.8 0.0 100.2

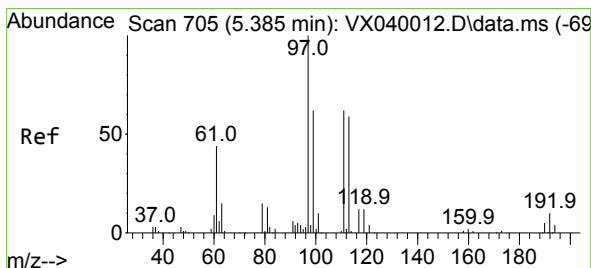
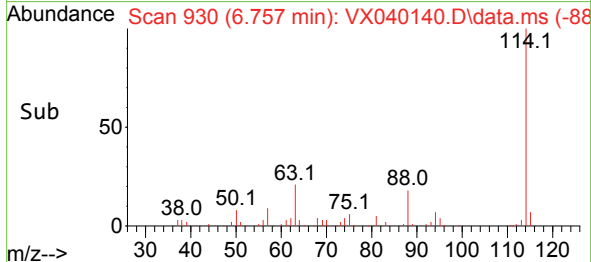
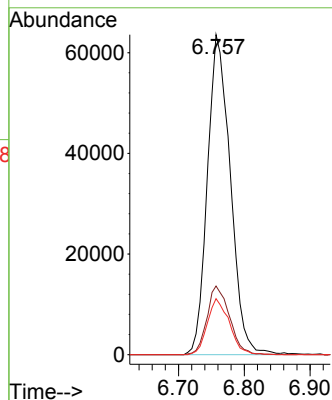
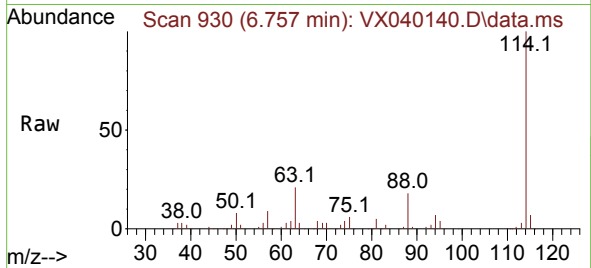




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

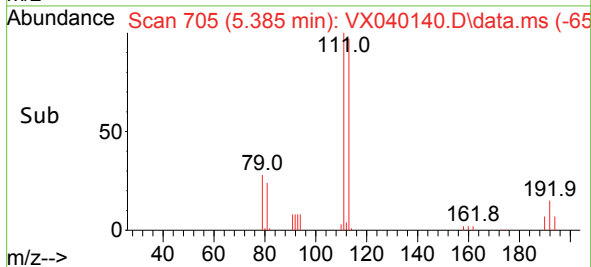
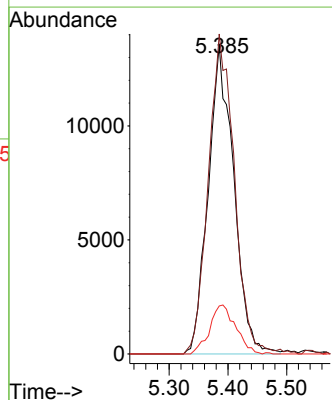
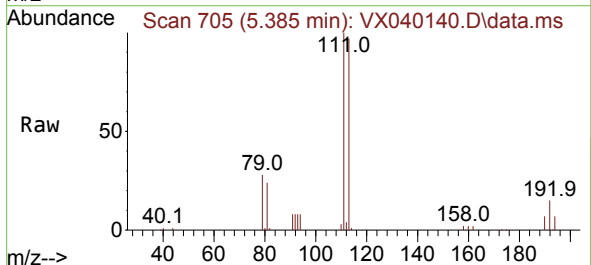
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240201

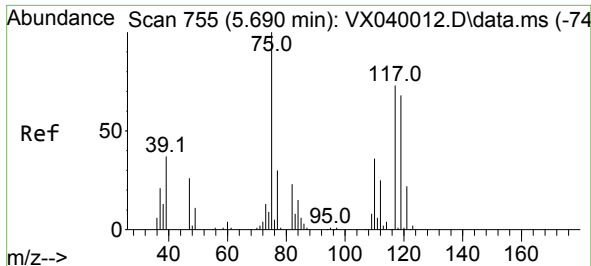
Tgt Ion:114 Resp: 154312
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 17.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 38.882 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

Tgt Ion:113 Resp: 40844
Ion Ratio Lower Upper
113 100
111 105.8 82.9 124.3
192 16.2 13.3 19.9

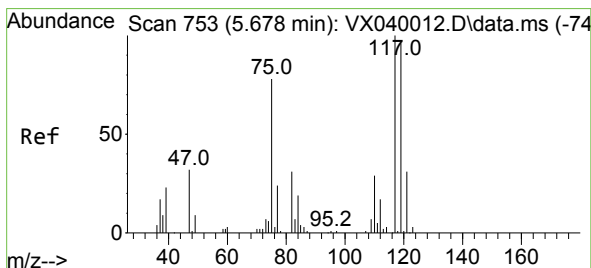
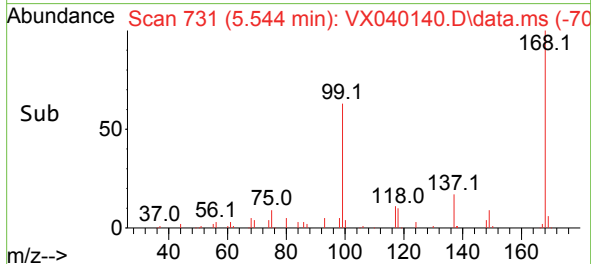
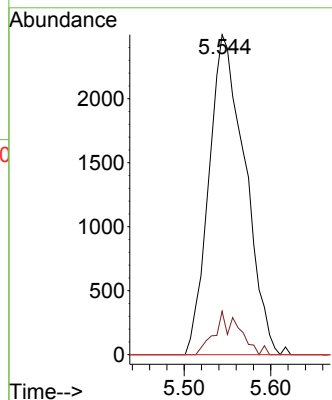
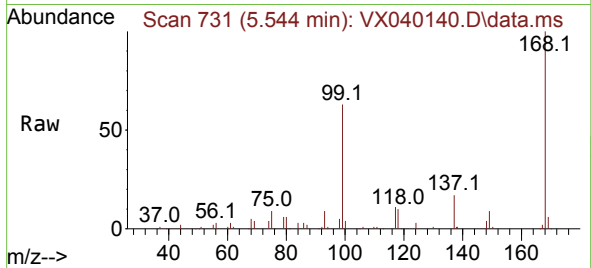




#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

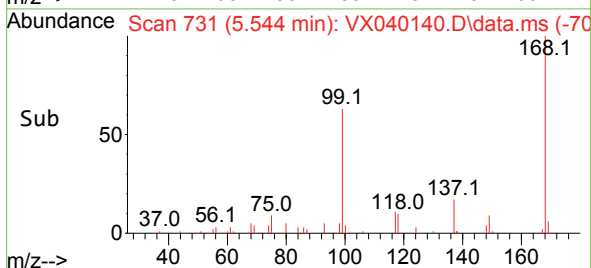
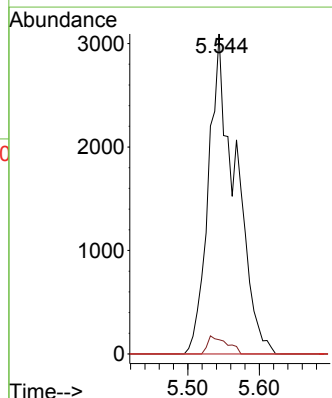
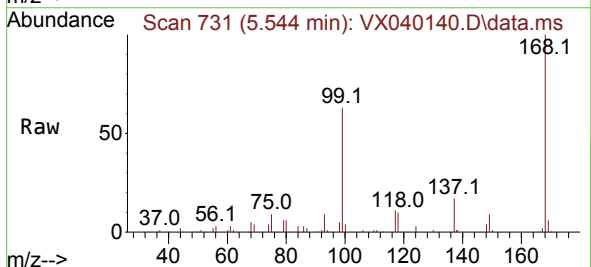
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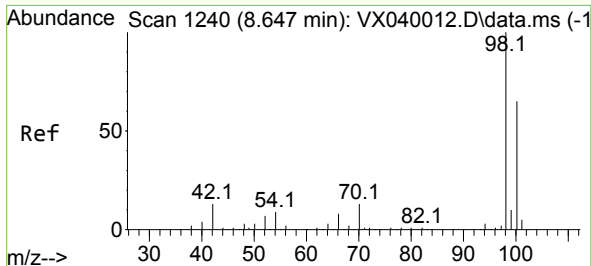
Tgt Ion: 75 Resp: 7210
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.642 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

Tgt Ion: 117 Resp: 8202
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#

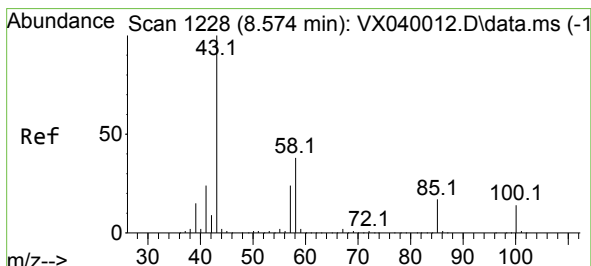
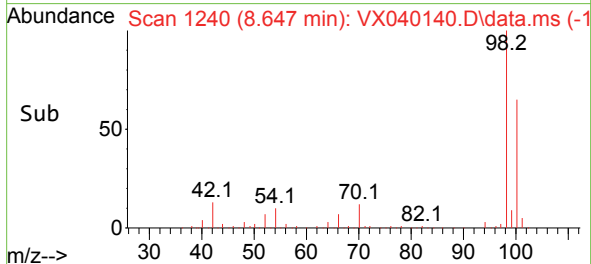
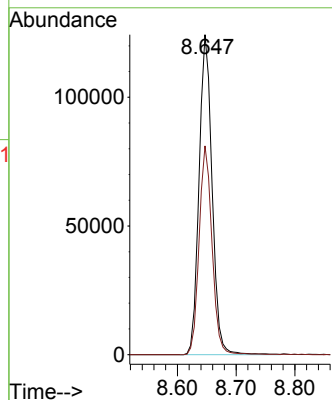
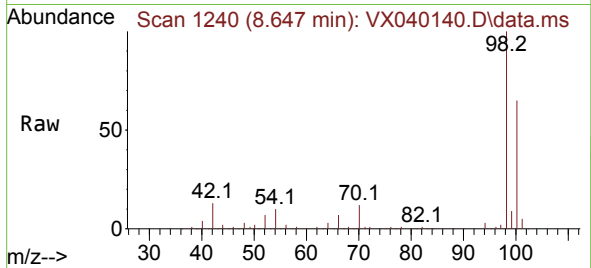




#50
Toluene-d8
Concen: 48.629 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

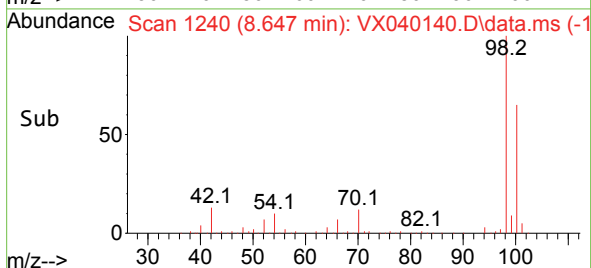
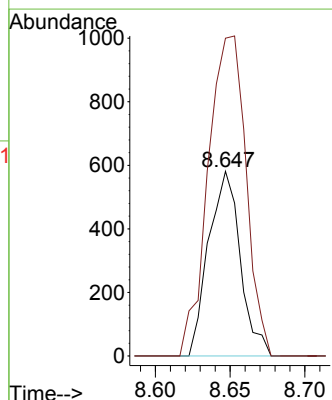
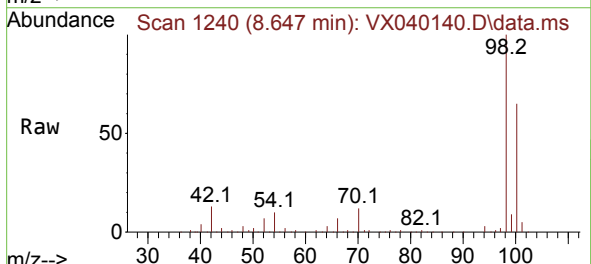
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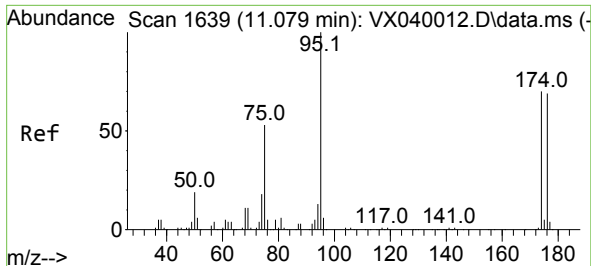
Tgt Ion: 98 Resp: 191034
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
58 207.6 30.4 45.6#

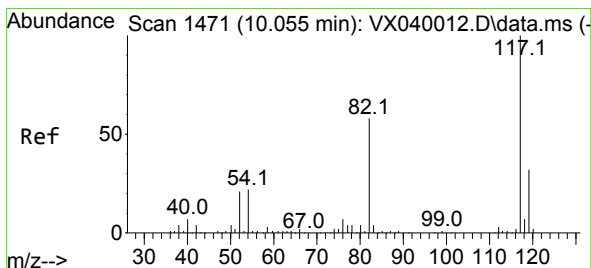
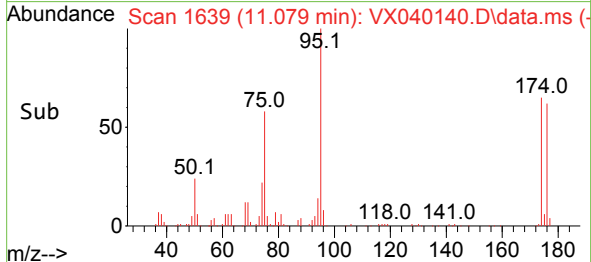
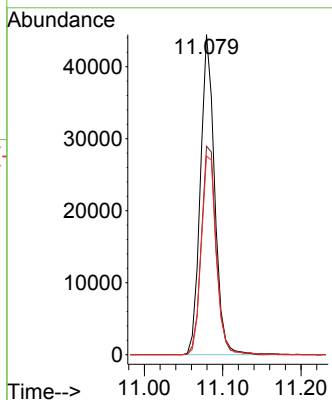
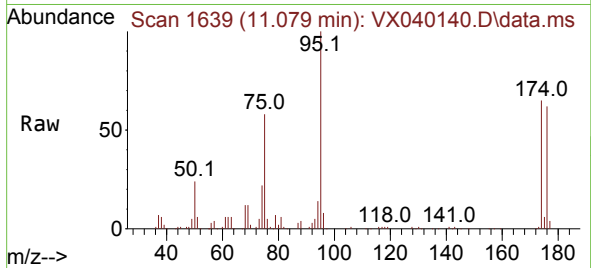




#62
4-Bromofluorobenzene
Concen: 37.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

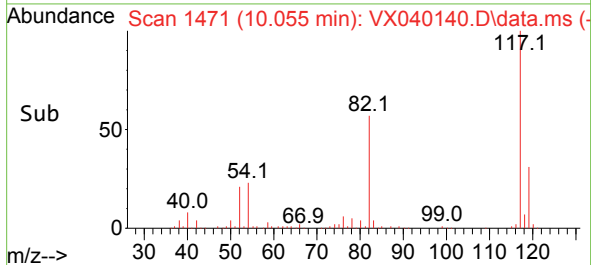
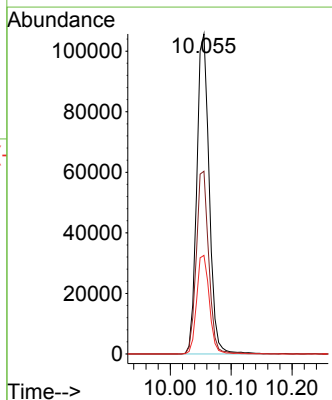
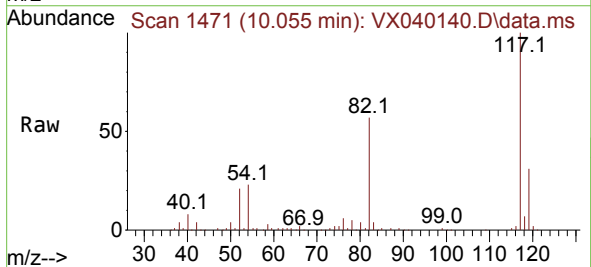
Instrument :
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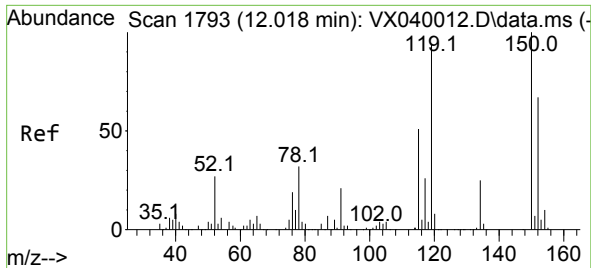
Tgt Ion: 95 Resp: 56001
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.6
176 65.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

Tgt Ion: 117 Resp: 149226
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 30.8 25.5 38.3

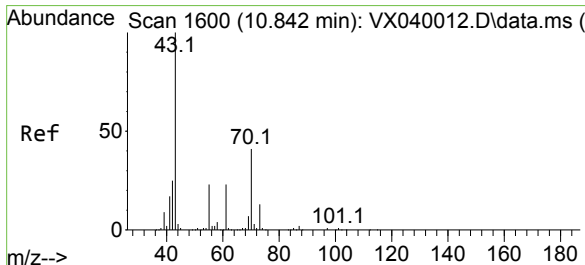
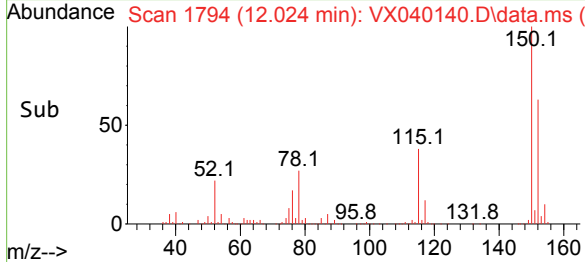
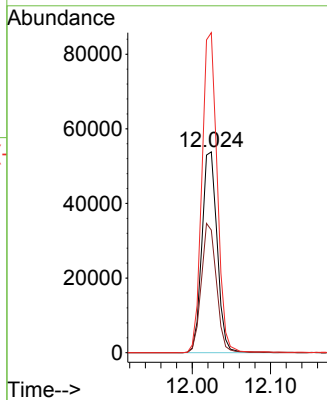
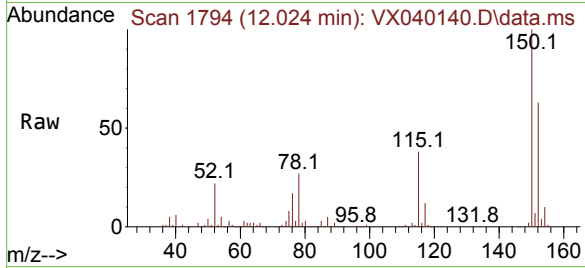




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040140.D
 Acq: 06 Feb 2024 15:38

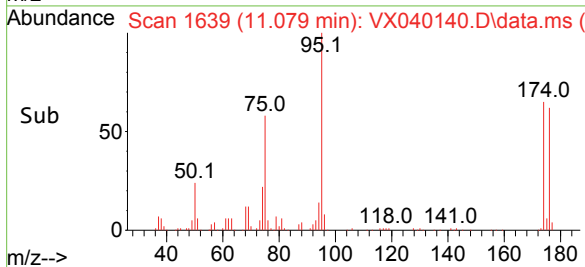
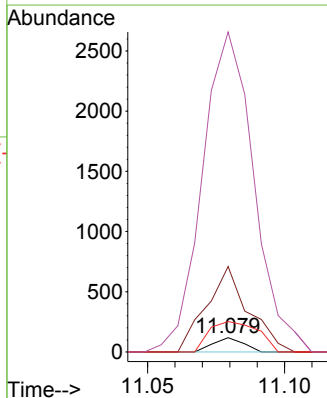
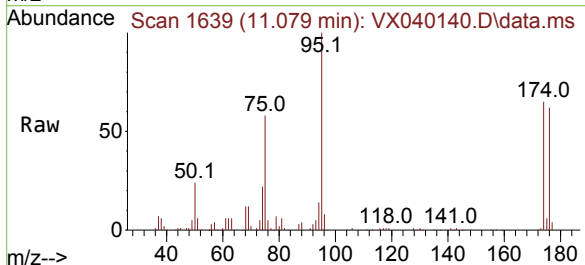
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-TB-20240201

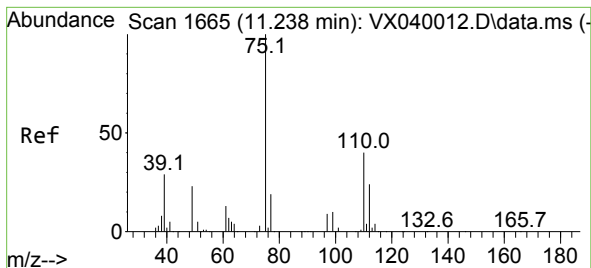
Tgt Ion:152 Resp: 72748
 Ion Ratio Lower Upper
 152 100
 115 63.6 43.3 129.9
 150 159.1 0.0 345.0



#74
 N-ethyl acetate
 Concen: 0.237 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.237 min
 Lab File: VX040140.D
 Acq: 06 Feb 2024 15:38

Tgt Ion: 43 Resp: 91
 Ion Ratio Lower Upper
 43 100
 70 835.2 32.9 49.3#
 55 342.9 19.3 28.9#
 61 3825.3 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 21.467 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040140.D

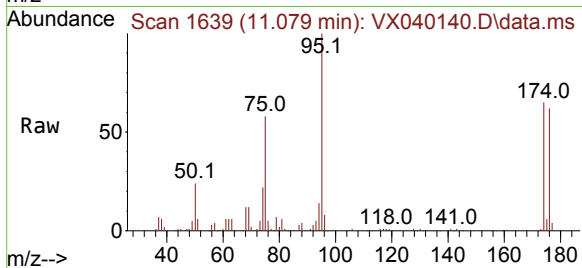
Acq: 06 Feb 2024 15:38

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-TB-20240201

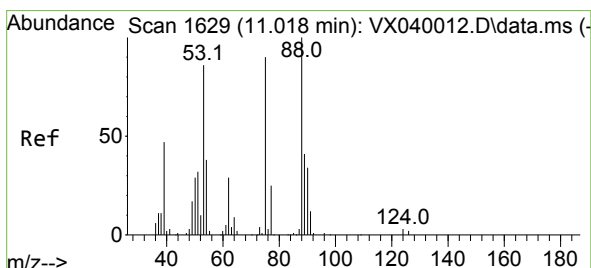
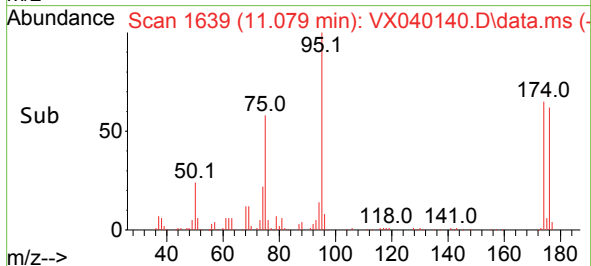
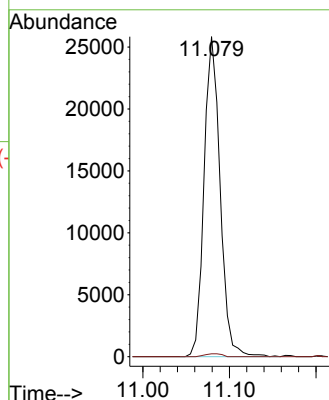


Tgt Ion: 75 Resp: 33256

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.986 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040140.D

Acq: 06 Feb 2024 15:38

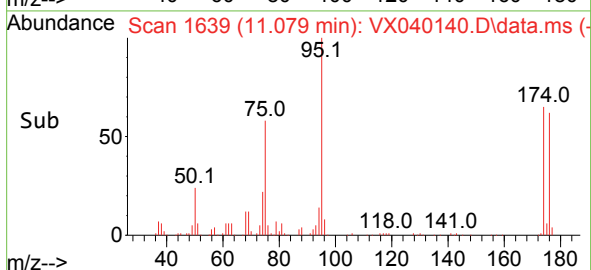
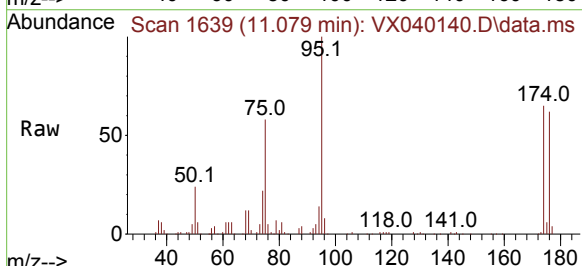
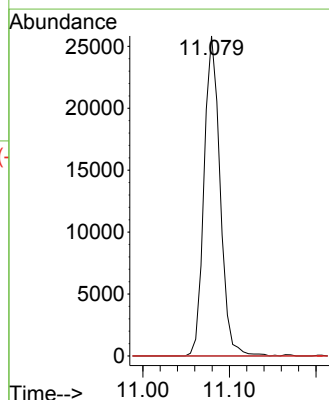
Tgt Ion: 75 Resp: 33256

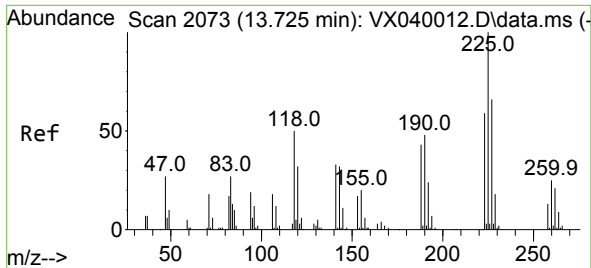
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#94

Hexachlorobutadiene

Concen: 0.565 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040140.D

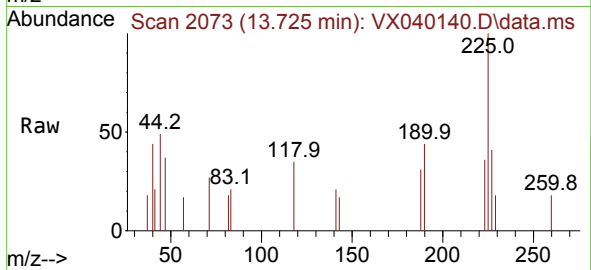
Acq: 06 Feb 2024 15:38

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-TB-20240201



Tgt Ion:	225	Resp:	326
Ion	Ratio	Lower	Upper
225	100		
223	41.7	31.1	93.2
227	39.6	32.5	97.5

