

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040219.D
 Acq On : 14 Feb 2024 14:47
 Operator : JC/MD
 Sample : P1465-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-778-780

Quant Time: Feb 15 00:03:03 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)

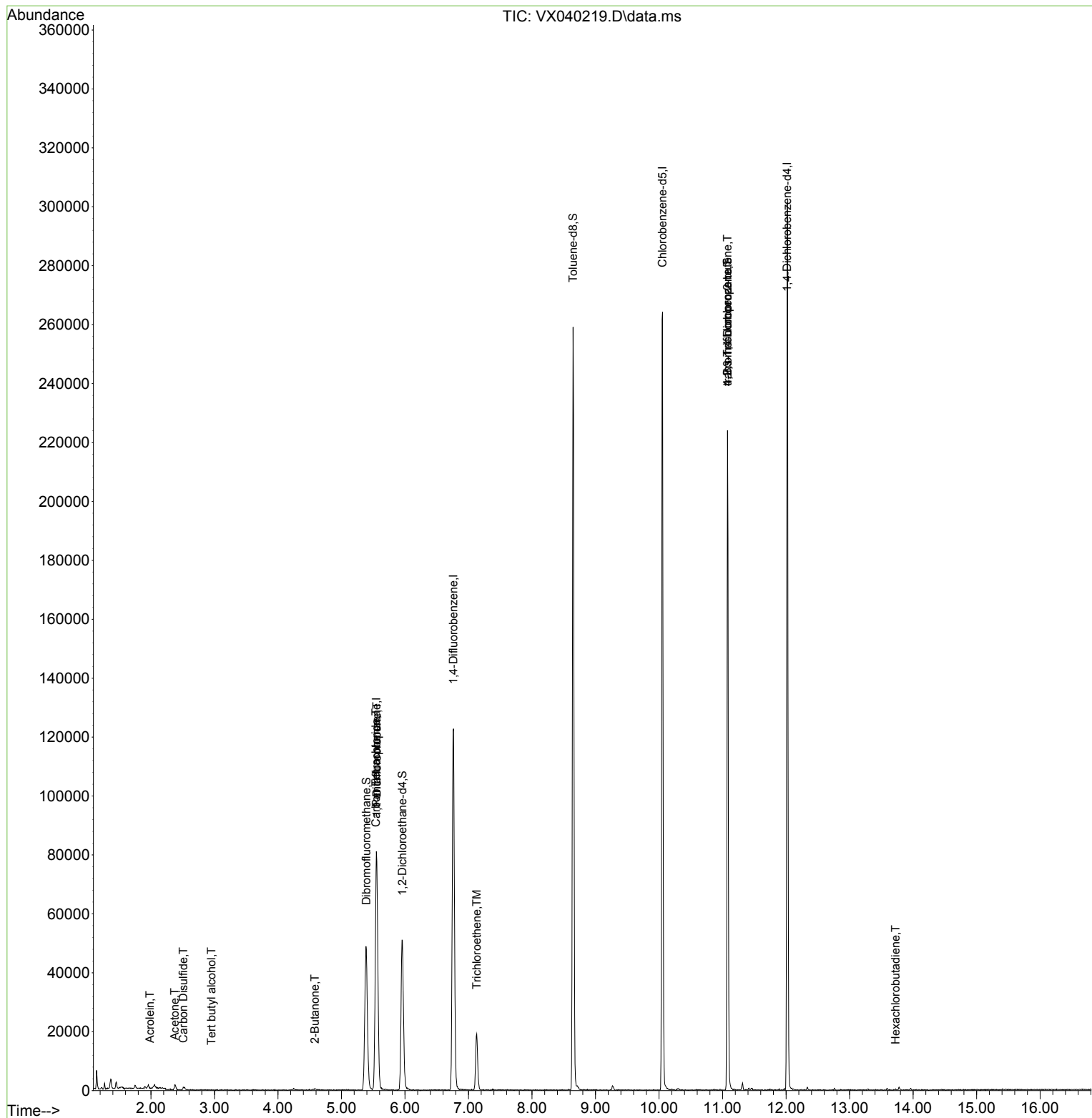
Internal Standards						
1) Pentafluorobenzene	5.550	168	78497	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	128393	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49529	42.412	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.820%
35) Dibromofluoromethane	5.391	113	42496	47.395	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.800%
50) Toluene-d8	8.647	98	155260	46.291	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.580%
62) 4-Bromofluorobenzene	11.079	95	61546	44.993	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	59	0.259	ug/l	# 78
13) Acrolein	1.983	56	45	0.214	ug/l	# 14
16) Acetone	2.373	43	2107	4.393	ug/l	91
17) Carbon Disulfide	2.508	76	960	0.454	ug/l	99
25) 2-Butanone	4.580	43	279	0.372	ug/l	# 51
36) 1,1-Dichloropropene	5.556	75	6157	4.902	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	7784	6.518	ug/l	# 15
44) Trichloroethene	7.129	130	7359	7.595	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	30615	24.385	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	30615	67.163	ug/l	# 5
94) Hexachlorobutadiene	13.725	225	129	0.239	ug/l	# 28

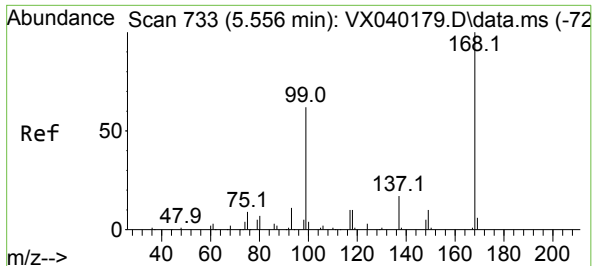
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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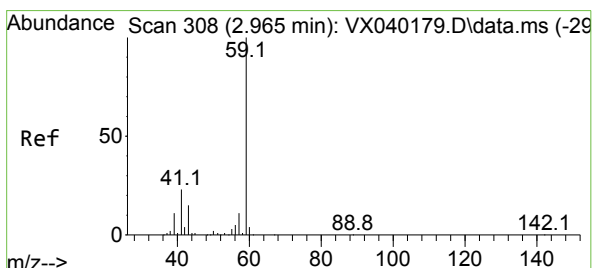
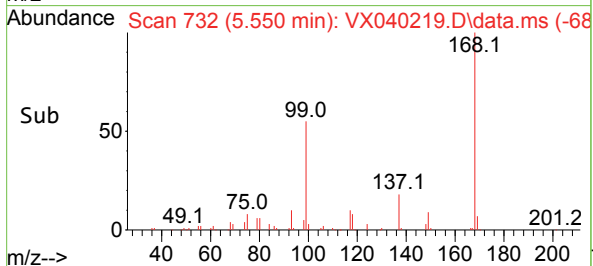
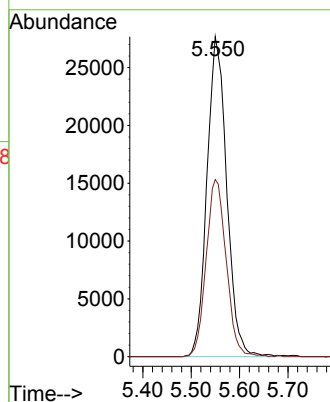
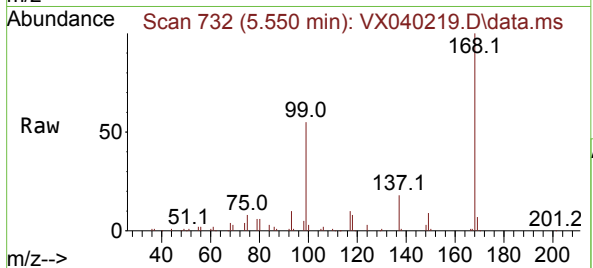




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040219.D
Acq: 14 Feb 2024 14:47

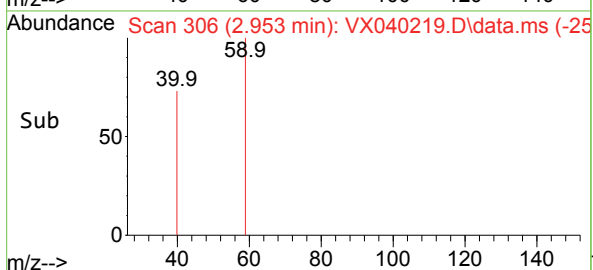
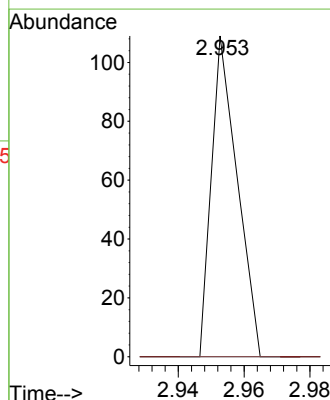
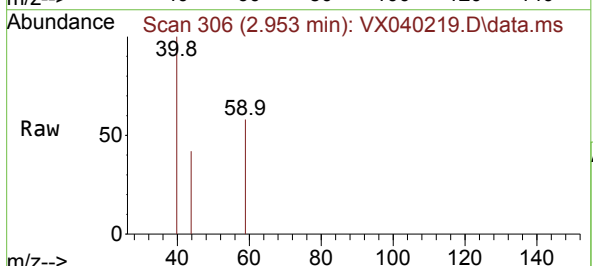
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-778-780

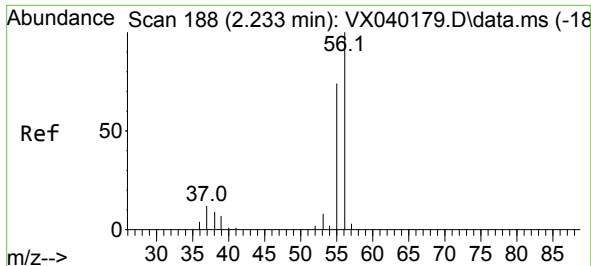
Tgt Ion:168 Resp: 78497
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.259 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX040219.D
Acq: 14 Feb 2024 14:47

Tgt Ion: 59 Resp: 59
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.214 ug/l

RT: 1.983 min Scan# 14

Delta R.T. -0.250 min

Lab File: VX040219.D

Acq: 14 Feb 2024 14:47

Instrument :

MSVOA_X

ClientSampleId :

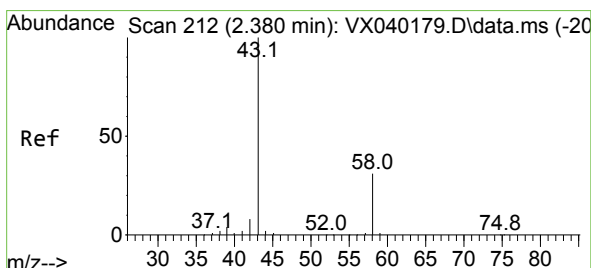
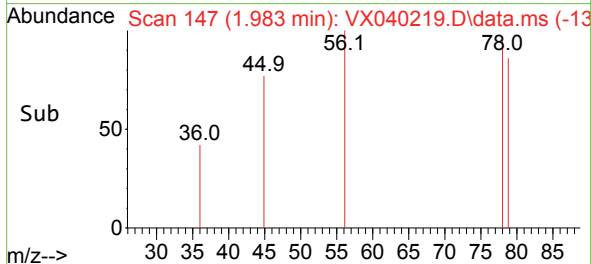
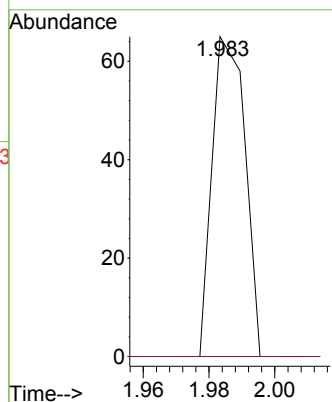
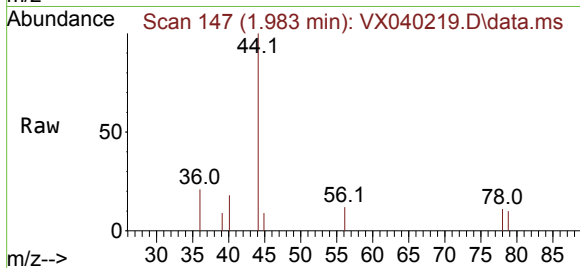
BP-VPB-191-GW-778-780

Tgt Ion: 56 Resp: 45

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 4.393 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040219.D

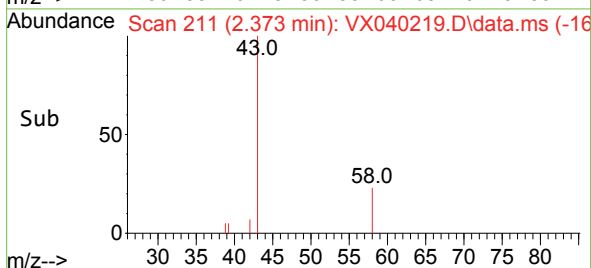
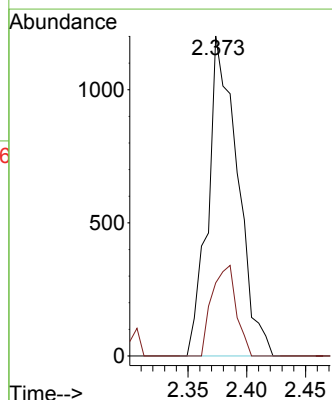
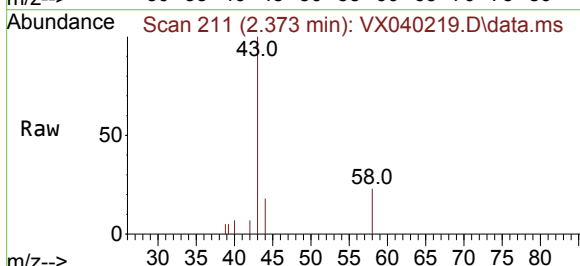
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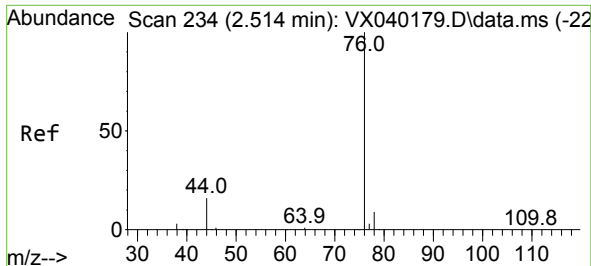
Tgt Ion: 43 Resp: 2107

Ion Ratio Lower Upper

43 100

58 22.9 21.9 32.9





#17

Carbon Disulfide

Concen: 0.454 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040219.D

Acq: 14 Feb 2024 14:47

Instrument :

MSVOA_X

ClientSampleId :

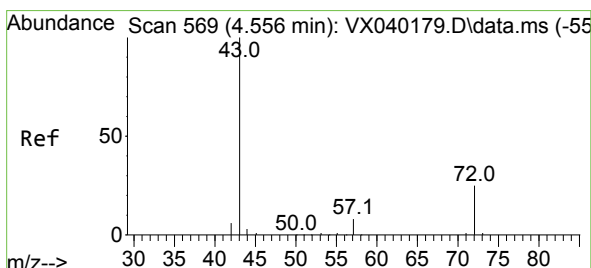
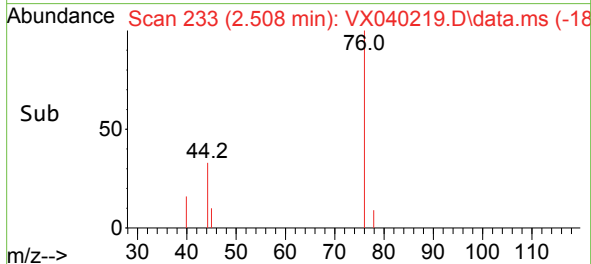
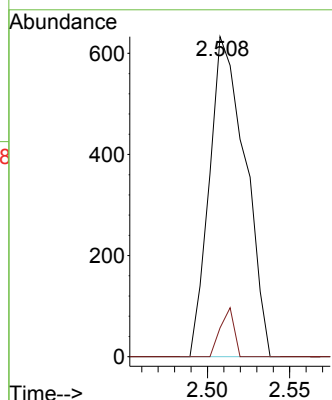
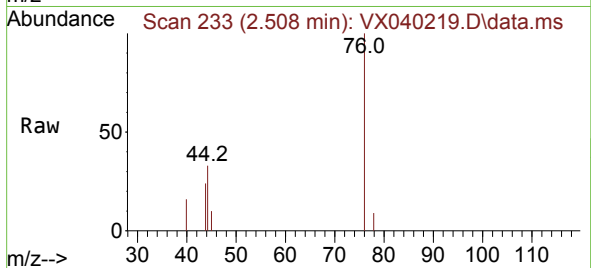
BP-VPB-191-GW-778-780

Tgt Ion: 76 Resp: 960

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



#25

2-Butanone

Concen: 0.372 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.024 min

Lab File: VX040219.D

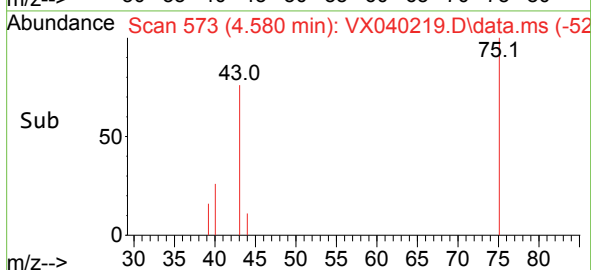
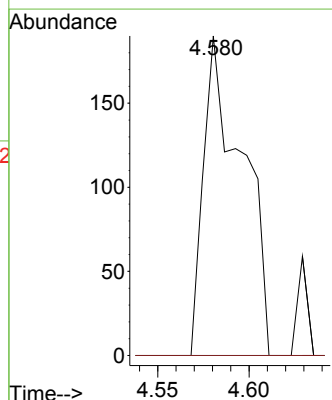
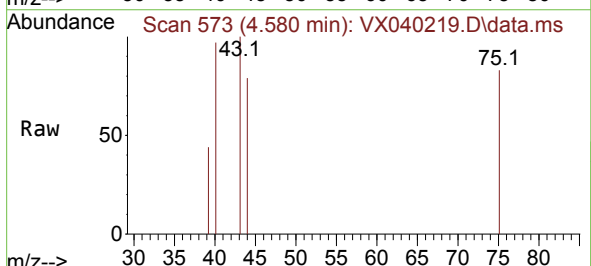
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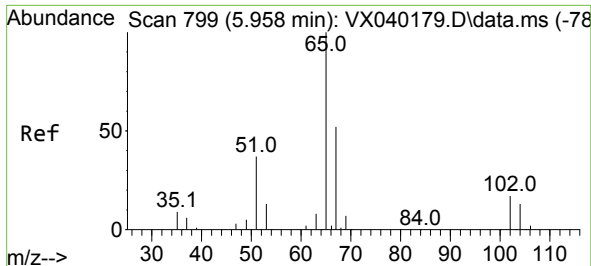
Tgt Ion: 43 Resp: 279

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#





#33

1,2-Dichloroethane-d4

Concen: 42.412 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040219.D

Acq: 14 Feb 2024 14:47

Instrument :

MSVOA_X

ClientSampleId :

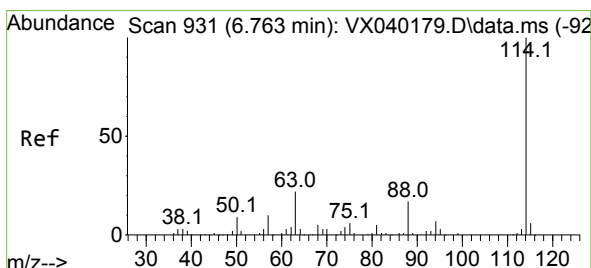
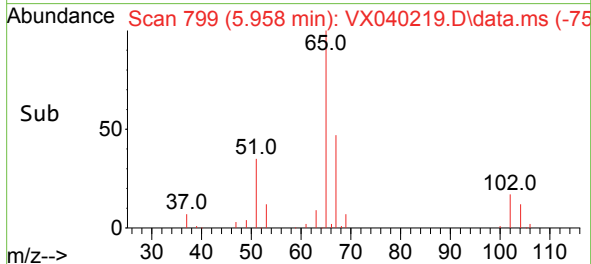
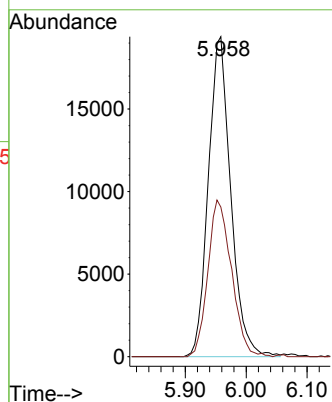
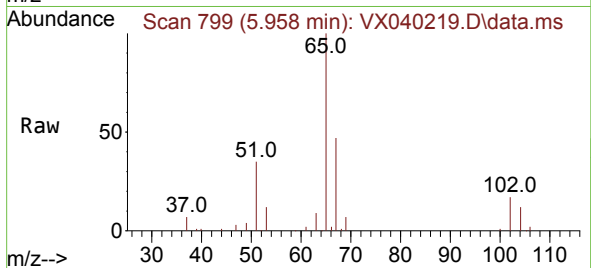
BP-VPB-191-GW-778-780

Tgt Ion: 65 Resp: 49529

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: VX040219.D

Acq: 14 Feb 2024 14:47

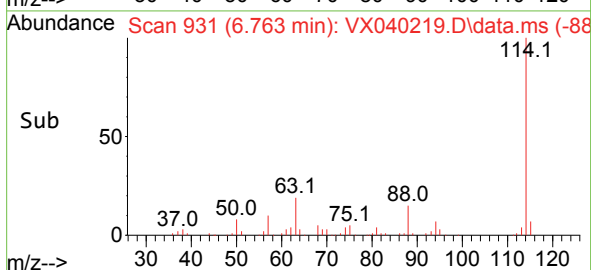
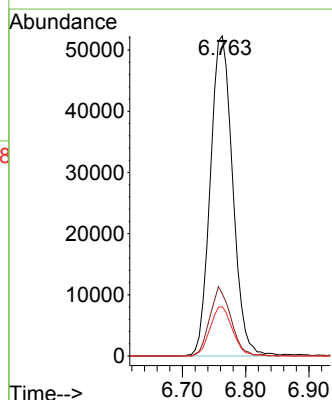
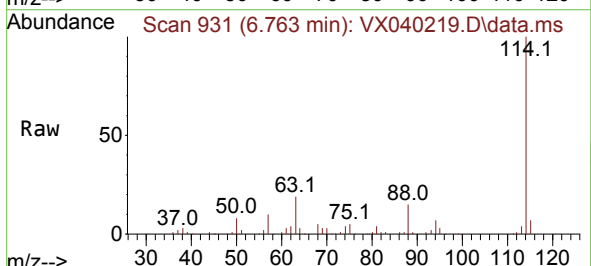
Tgt Ion: 114 Resp: 128393

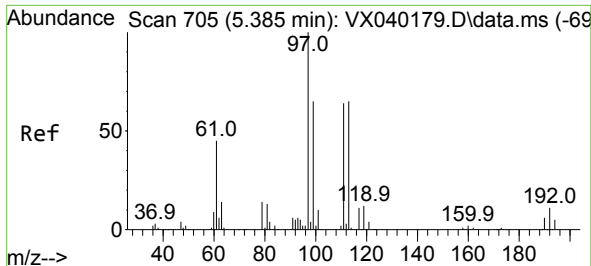
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

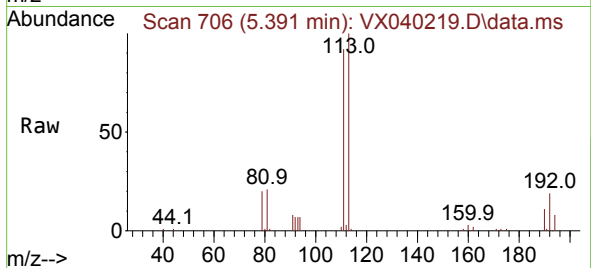
88 15.4 0.0 36.6



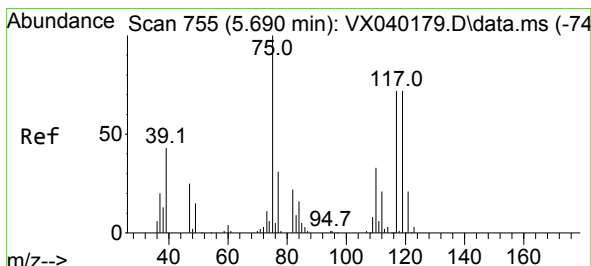
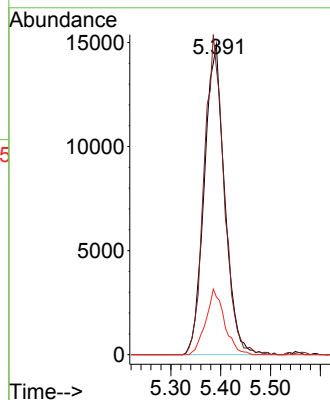
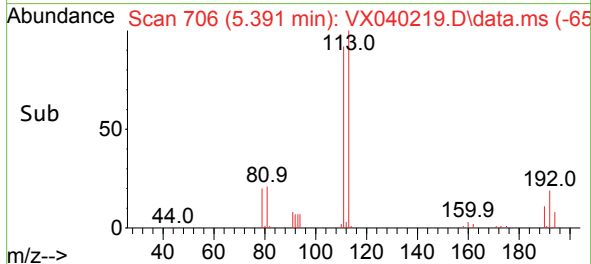


#35
 Dibromofluoromethane
 Concen: 47.395 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX040219.D
 Acq: 14 Feb 2024 14:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-778-780

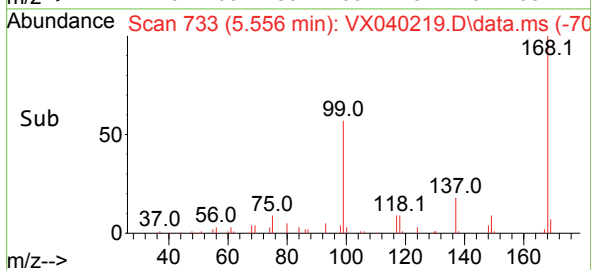
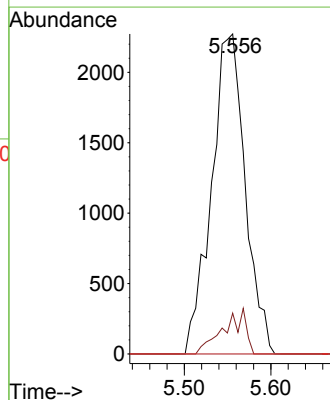
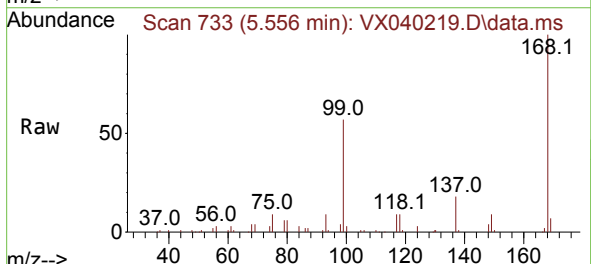


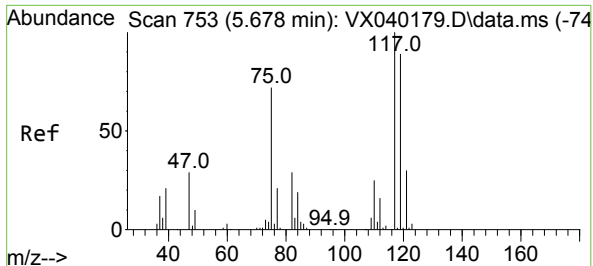
Tgt Ion:113 Resp: 42496
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.9 124.3
 192 19.3 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.902 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX040219.D
 Acq: 14 Feb 2024 14:47

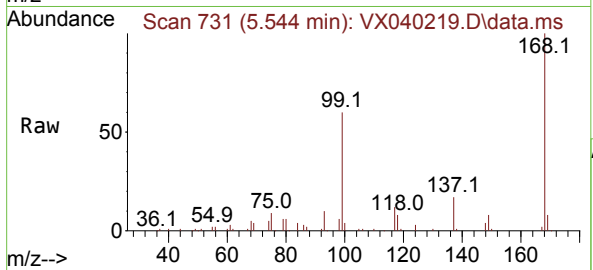
Tgt Ion: 75 Resp: 6157
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.0 50.9#
 77 0.0 24.7 37.1#



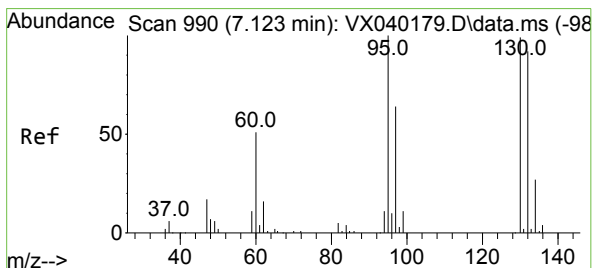
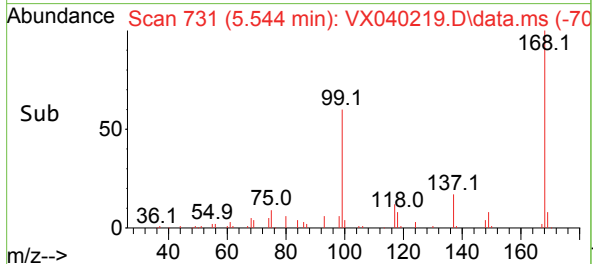
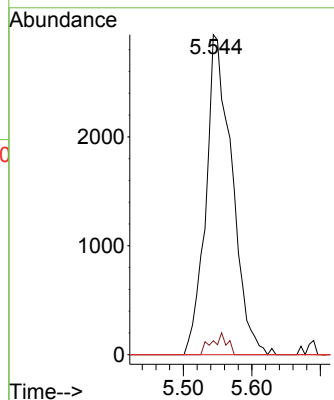


#38
Carbon Tetrachloride
Concen: 6.518 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX040219.D
Acq: 14 Feb 2024 14:47

Instrument :
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BP-VPB-191-GW-778-780

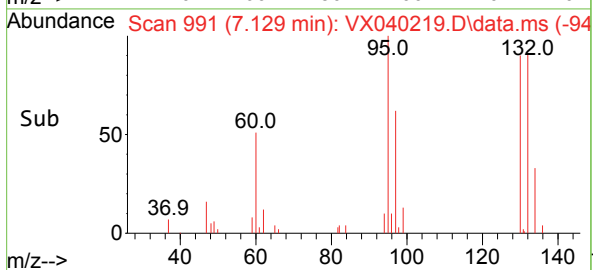
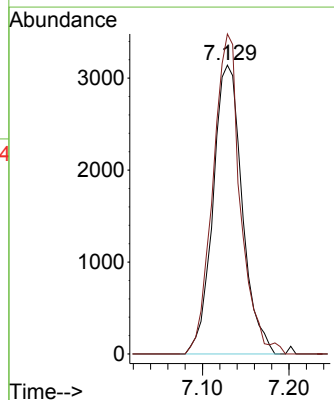
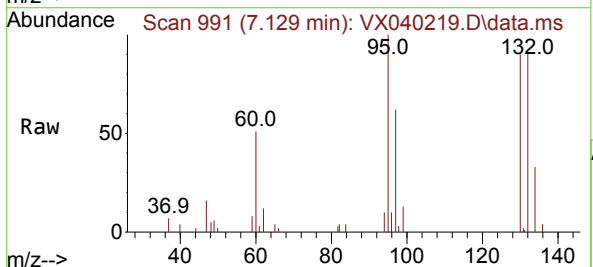


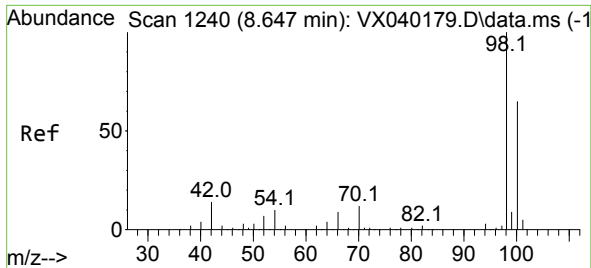
Tgt Ion:117 Resp: 7784
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 7.595 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040219.D
Acq: 14 Feb 2024 14:47

Tgt Ion:130 Resp: 7359
Ion Ratio Lower Upper
130 100
95 110.8 0.0 204.4

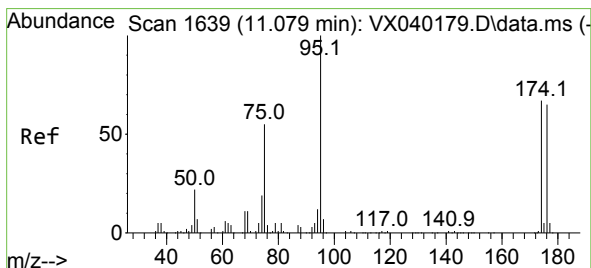
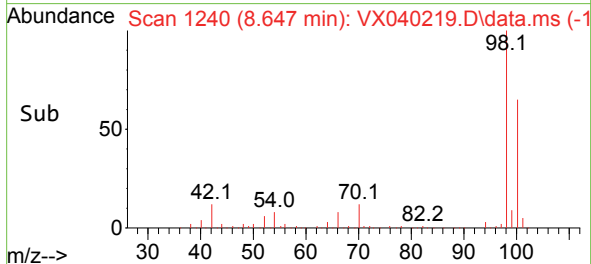
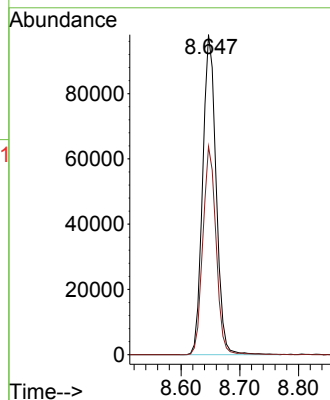
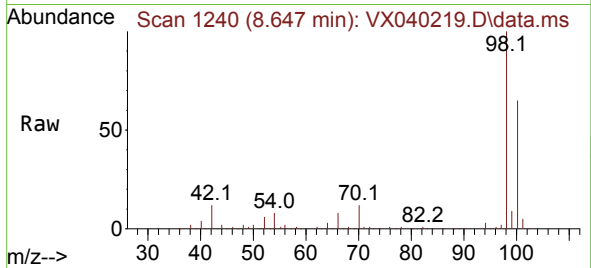




#50
Toluene-d8
Concen: 46.291 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040219.D
Acq: 14 Feb 2024 14:47

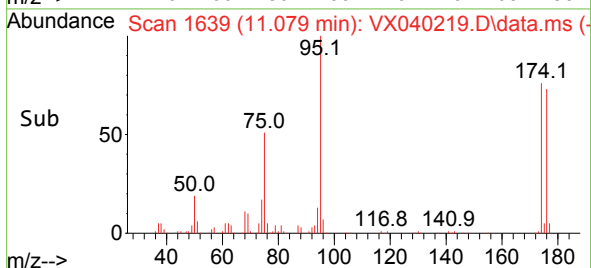
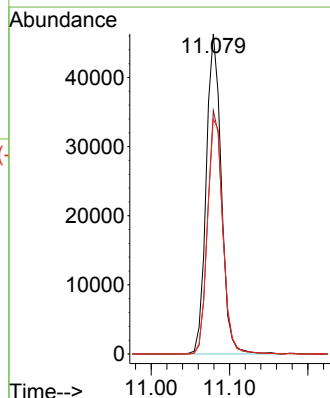
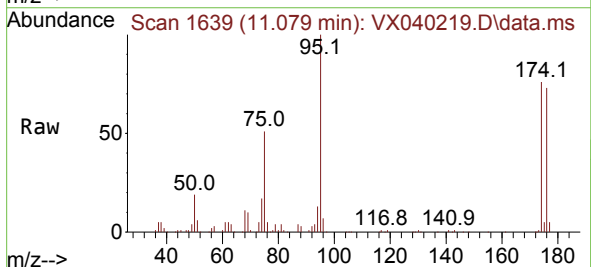
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-778-780

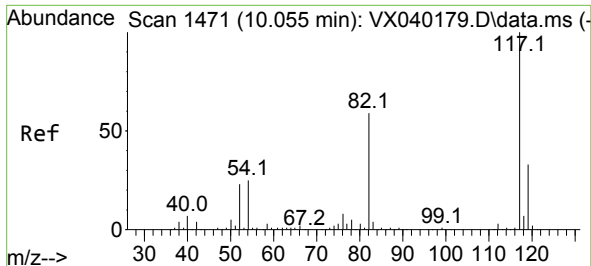
Tgt Ion: 98 Resp: 155260
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040219.D
Acq: 14 Feb 2024 14:47

Tgt Ion: 95 Resp: 61546
Ion Ratio Lower Upper
95 100
174 75.7 0.0 135.6
176 75.5 0.0 131.0

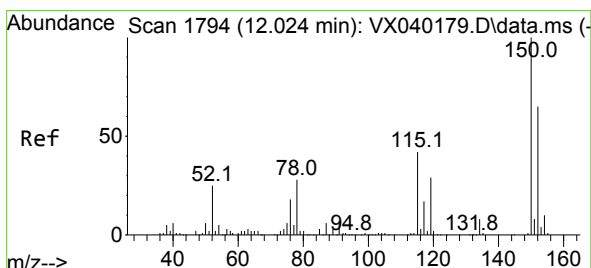
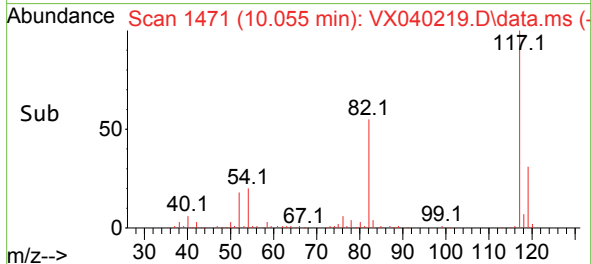
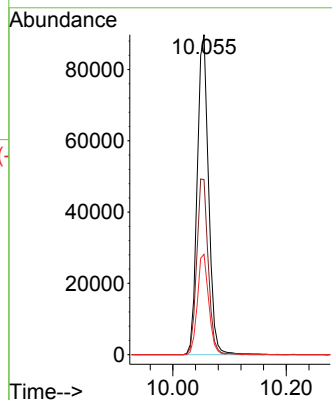
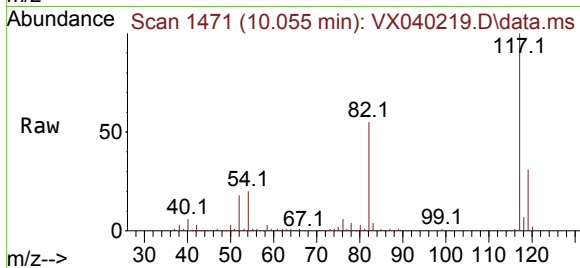




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040219.D
Acq: 14 Feb 2024 14:47

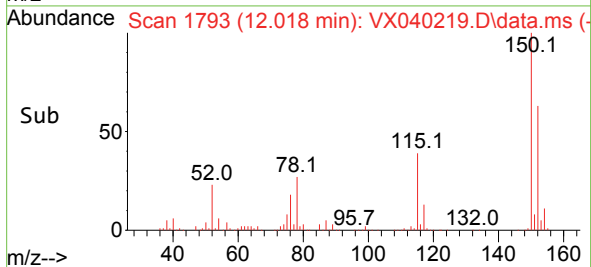
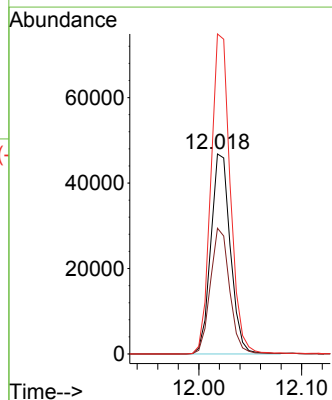
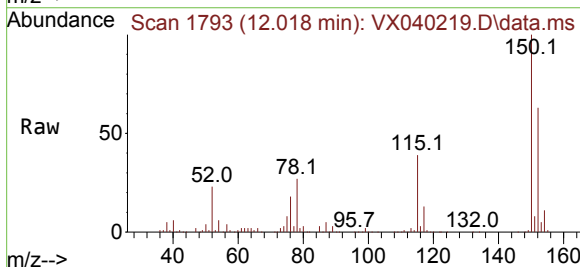
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-778-780

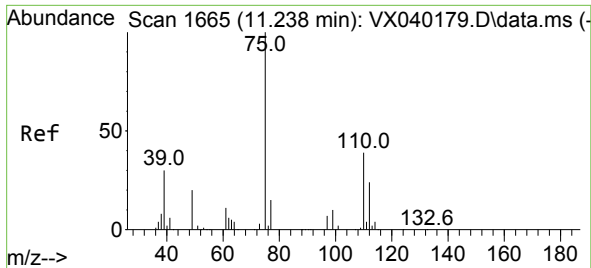
Tgt Ion:117 Resp: 124548
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040219.D
Acq: 14 Feb 2024 14:47

Tgt Ion:152 Resp: 61999
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 158.6 0.0 345.0

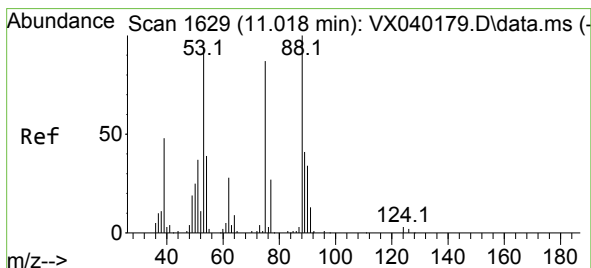
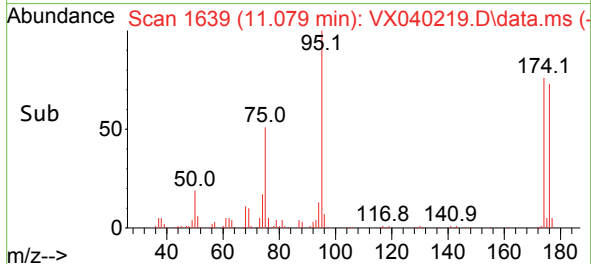
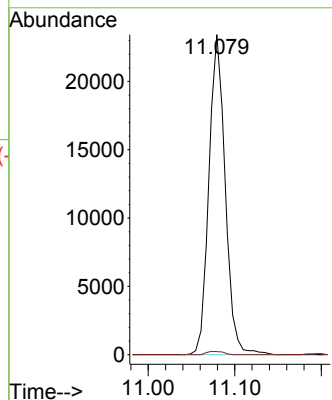
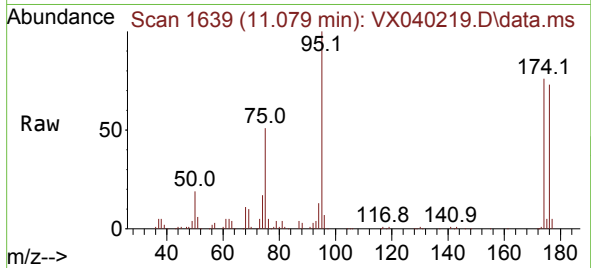




#76
1,2,3-Trichloropropane
Concen: 24.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040219.D
Acq: 14 Feb 2024 14:47

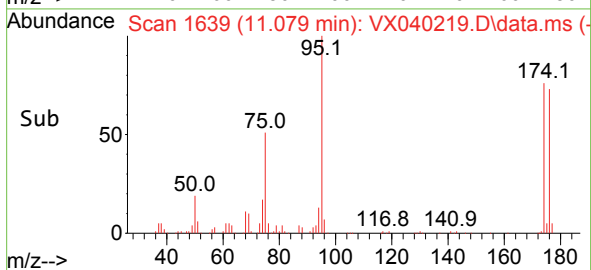
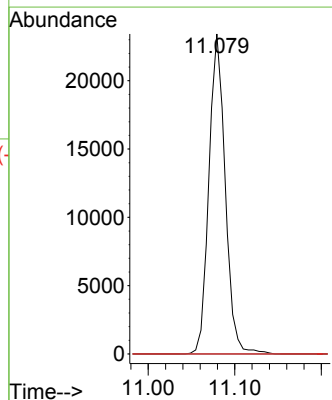
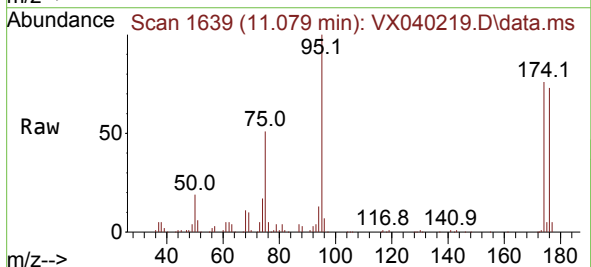
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-778-780

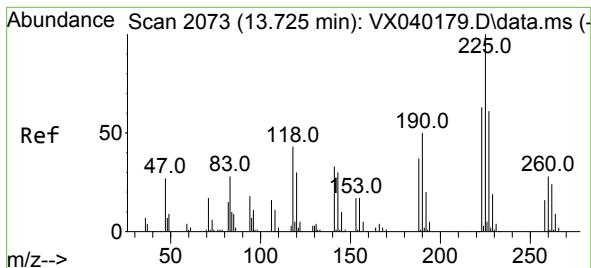
Tgt Ion: 75 Resp: 30615
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040219.D
Acq: 14 Feb 2024 14:47

Tgt Ion: 75 Resp: 30615
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#94

Hexachlorobutadiene

Concen: 0.239 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX040219.D

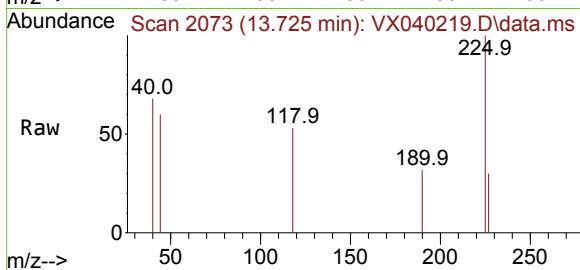
Acq: 14 Feb 2024 14:47

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-778-780



Tgt Ion:225 Resp: 129

Ion Ratio Lower Upper

225 100

223 0.0 31.1 93.2#

227 14.7 32.5 97.5#

