

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040312.D
 Acq On : 17 Feb 2024 18:57
 Operator : JC/MD
 Sample : P1509-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-818-820

Quant Time: Feb 19 04:00:52 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)

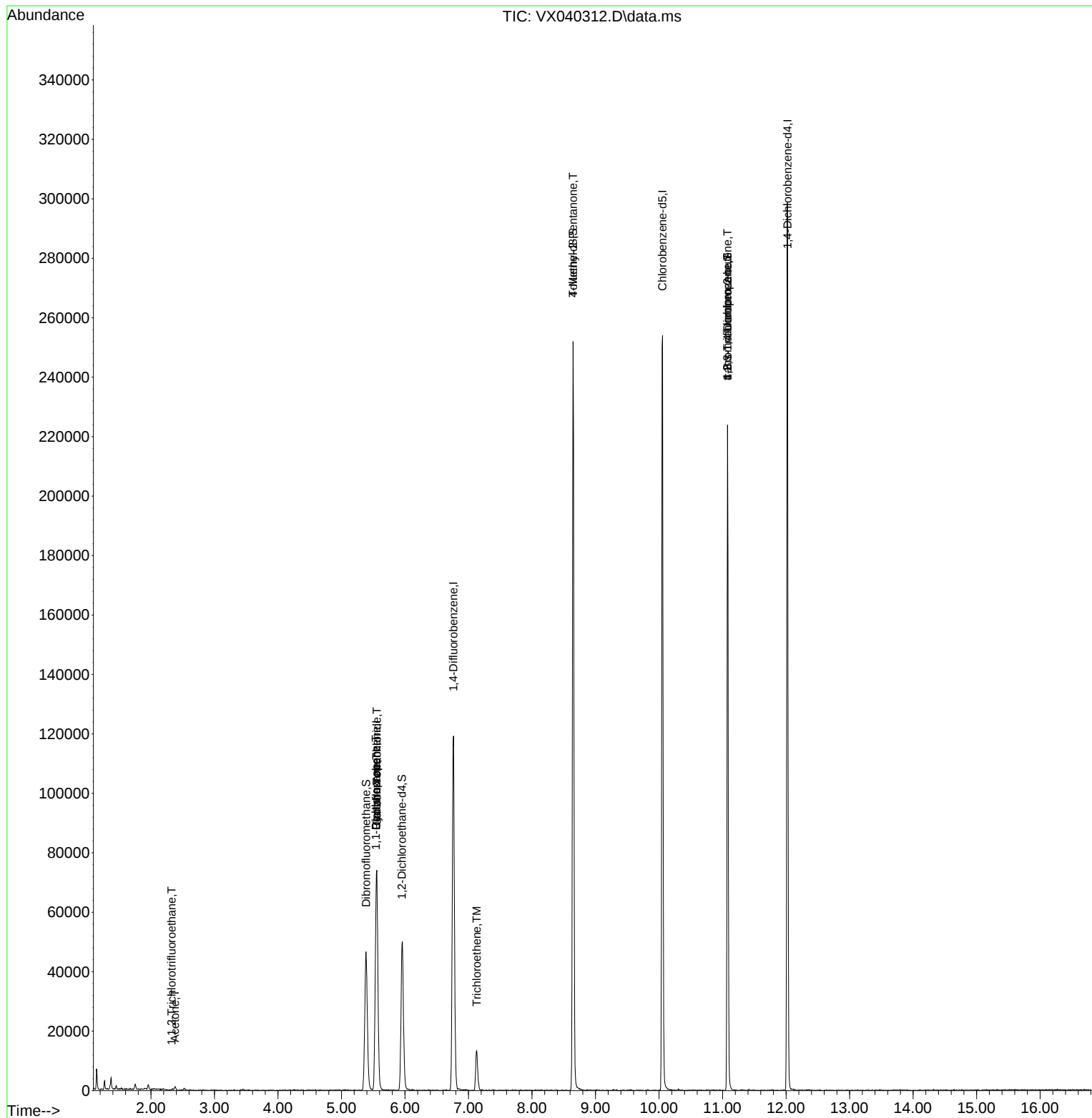
Internal Standards						
1) Pentafluorobenzene	5.550	168	71013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	119827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	48172	45.597	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.200%
35) Dibromofluoromethane	5.385	113	39712	47.457	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.920%
50) Toluene-d8	8.647	98	147609	47.156	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.320%
62) 4-Bromofluorobenzene	11.079	95	58014	45.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.880%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	169	0.224	ug/l #	64
16) Acetone	2.380	43	1201	2.768	ug/l #	73
31) Cyclohexane	5.550	56	1683	1.336	ug/l #	20
36) 1,1-Dichloropropene	5.544	75	5488	4.682	ug/l #	51
38) Carbon Tetrachloride	5.556	117	7101	6.371	ug/l #	15
44) Trichloroethene	7.129	130	5221	5.774	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	688	0.495	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30232	24.948	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	30232	68.632	ug/l #	5

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

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BP-VPB-191-GW-818-820

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Quant Title : SW846 8260
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Response via : Initial Calibration

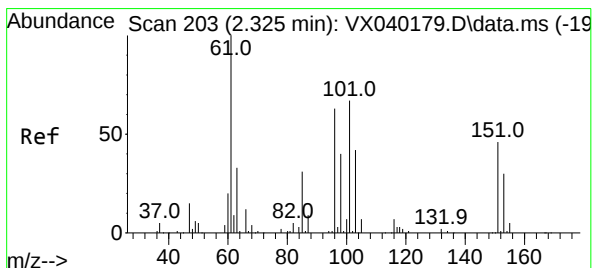
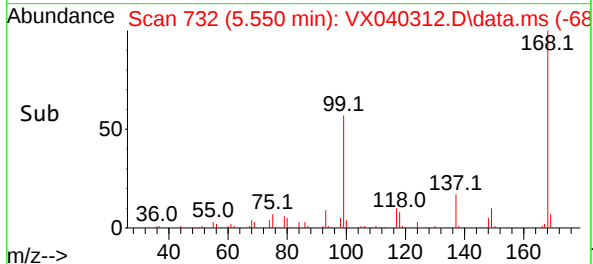
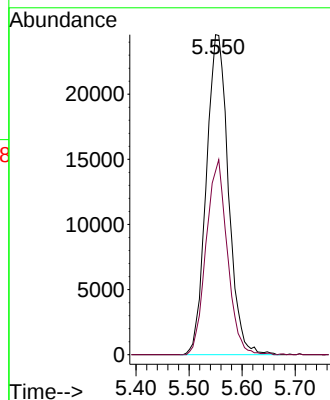
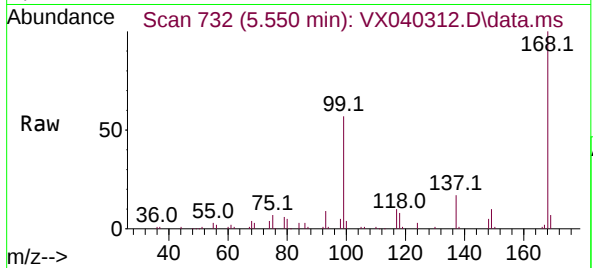




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040312.D
Acq: 17 Feb 2024 18:57

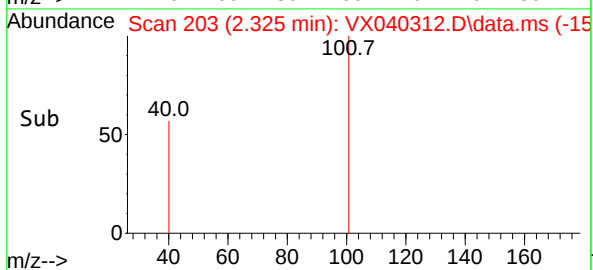
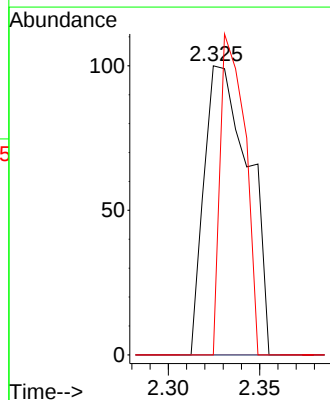
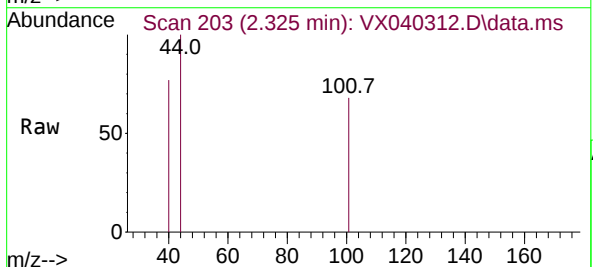
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-818-820

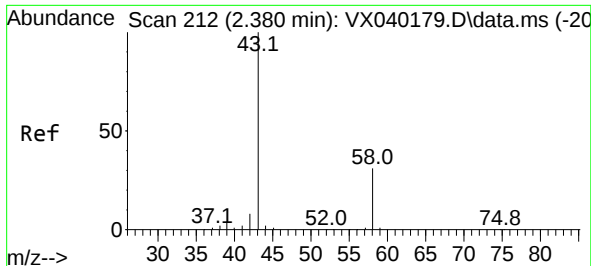
Tgt Ion:168 Resp: 71013
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.224 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX040312.D
Acq: 17 Feb 2024 18:57

Tgt Ion:101 Resp: 169
Ion Ratio Lower Upper
101 100
85 0.0 37.0 55.6#
151 61.5 58.6 87.8

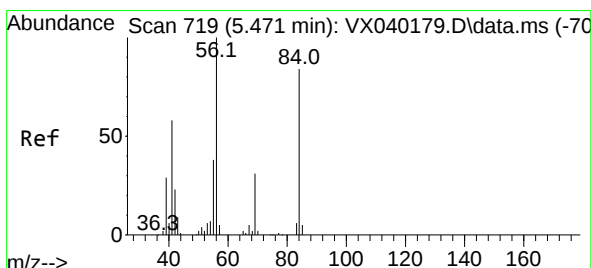
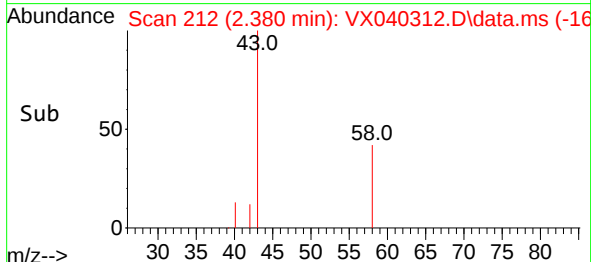
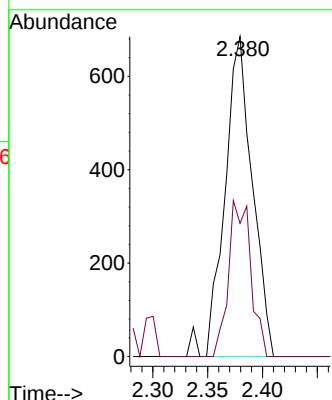
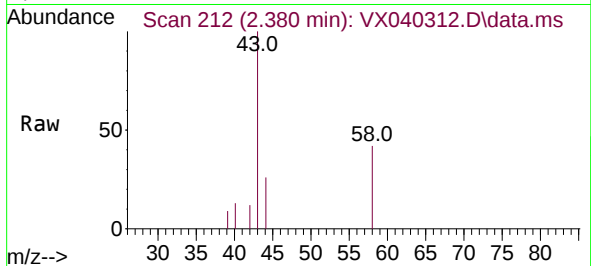




#16
Acetone
Concen: 2.768 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040312.D
Acq: 17 Feb 2024 18:57

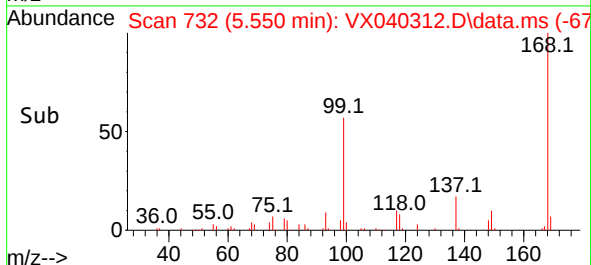
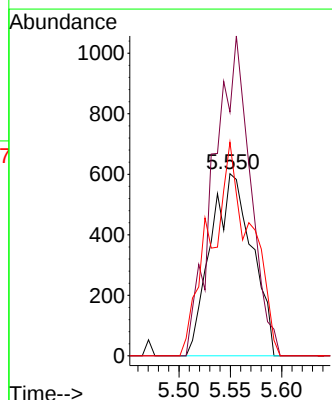
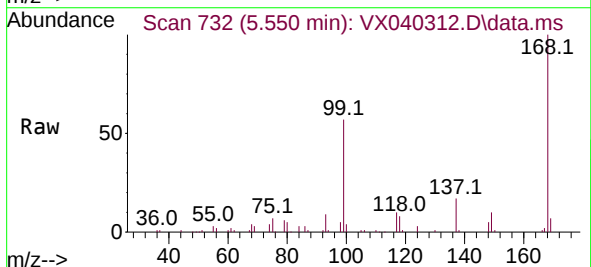
Instrument : MSVOA_X
ClientSampleId : BP-VPB-191-GW-818-820

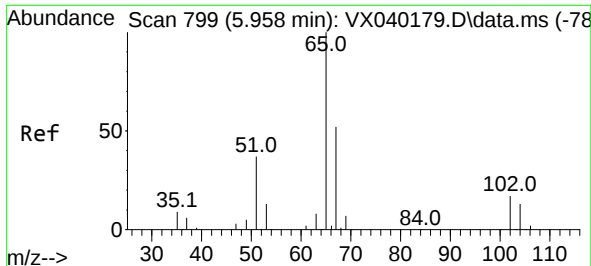
Tgt Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
58 41.6 21.9 32.9#



#31
Cyclohexane
Concen: 1.336 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX040312.D
Acq: 17 Feb 2024 18:57

Tgt Ion: 56 Resp: 1683
Ion Ratio Lower Upper
56 100
69 133.9 23.4 35.2#
84 117.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.597 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040312.D

Acq: 17 Feb 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

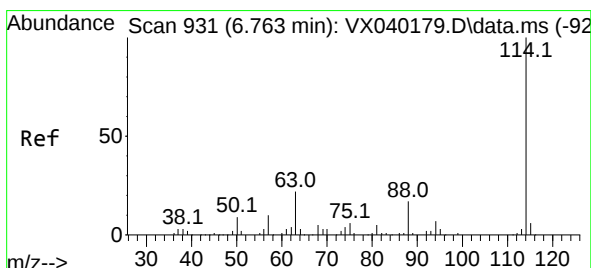
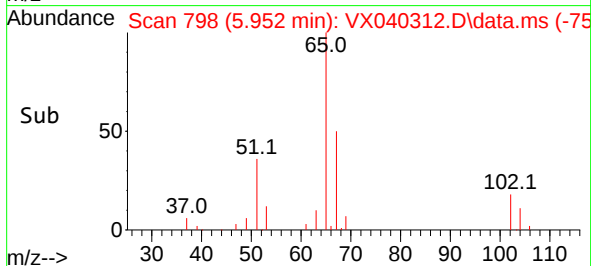
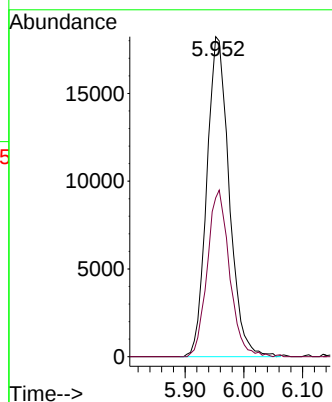
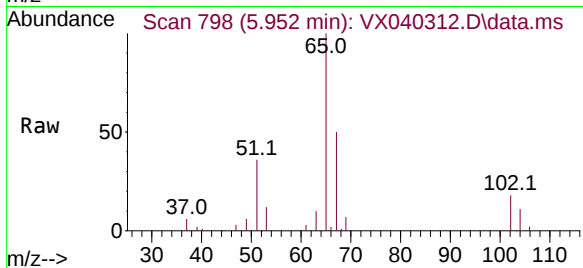
BP-VPB-191-GW-818-820

Tgt Ion: 65 Resp: 48172

Ion Ratio Lower Upper

65 100

67 51.7 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: VX040312.D

Acq: 17 Feb 2024 18:57

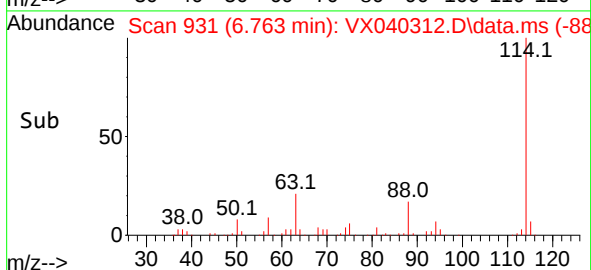
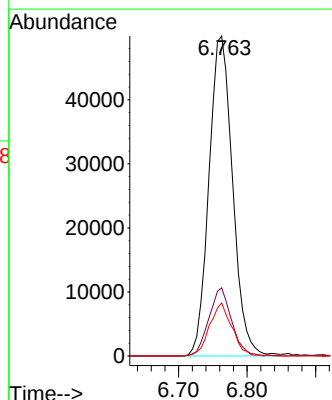
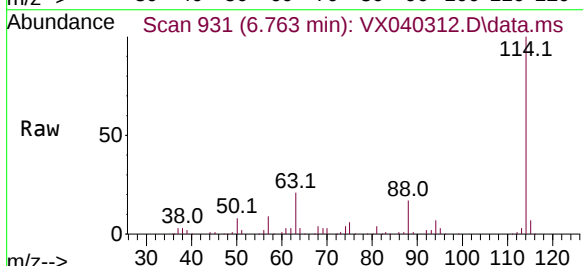
Tgt Ion: 114 Resp: 119827

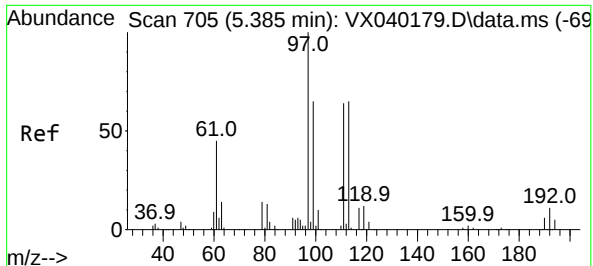
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

88 16.6 0.0 36.6

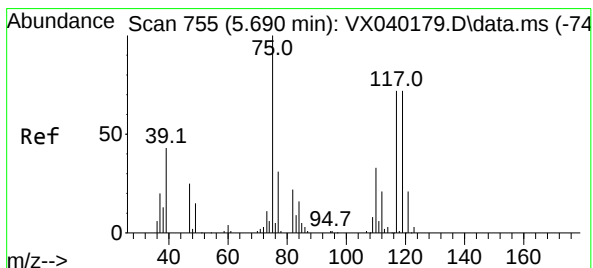
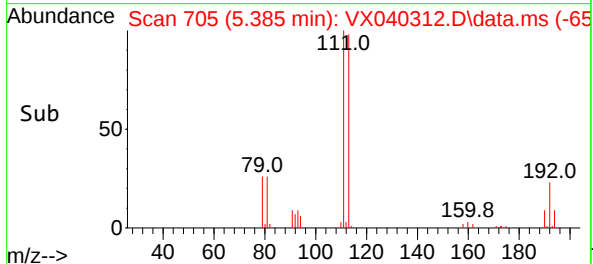
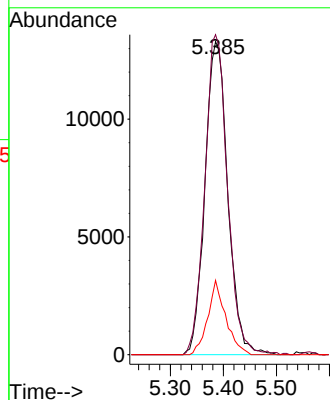
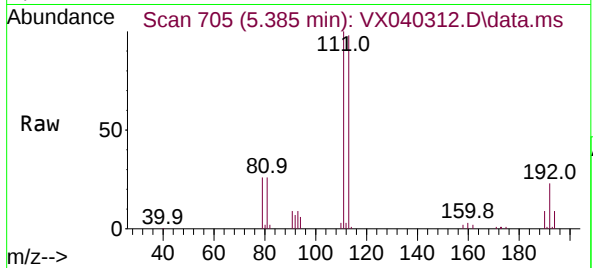




#35
Dibromofluoromethane
Concen: 47.457 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040312.D
Acq: 17 Feb 2024 18:57

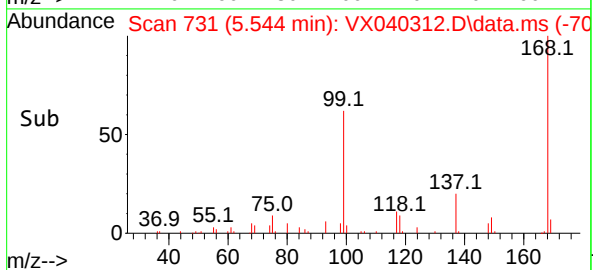
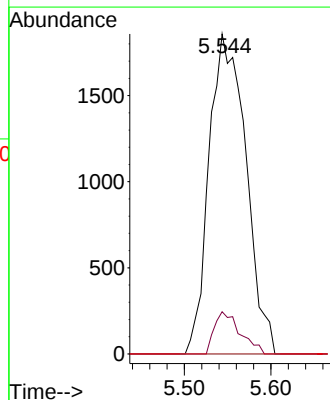
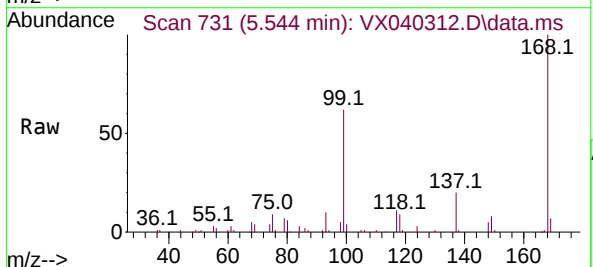
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-818-820

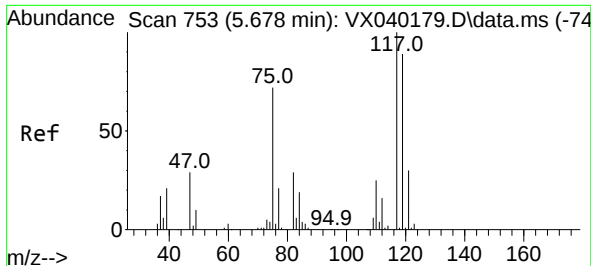
Tgt Ion:113 Resp: 39712
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.682 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX040312.D
Acq: 17 Feb 2024 18:57

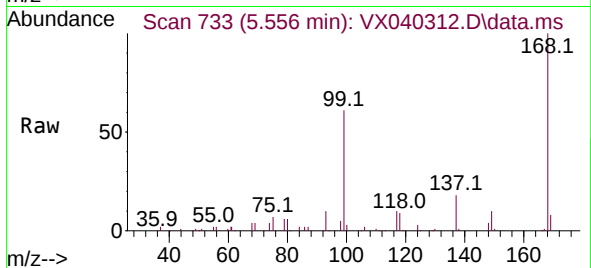
Tgt Ion: 75 Resp: 5488
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



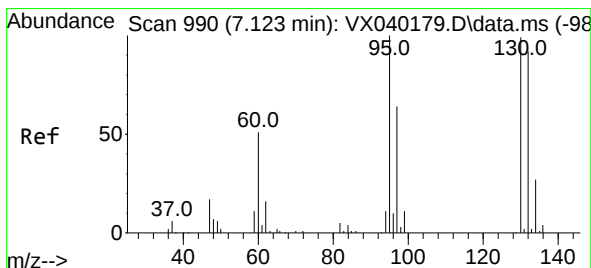
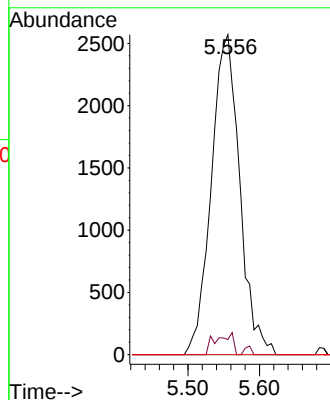
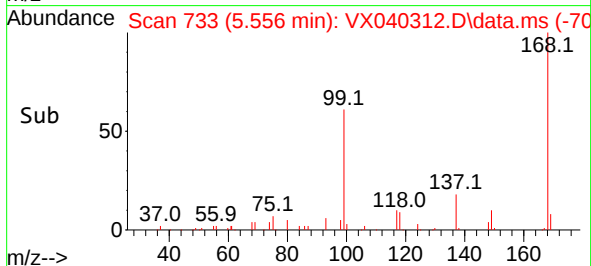


#38
Carbon Tetrachloride
Concen: 6.371 ug/l
RT: 5.556 min Scan# 710
Delta R.T. -0.116 min
Lab File: VX040312.D
Acq: 17 Feb 2024 18:57

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-818-820

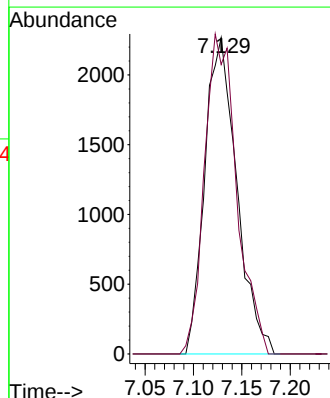
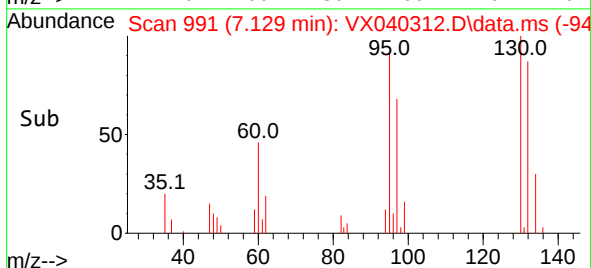
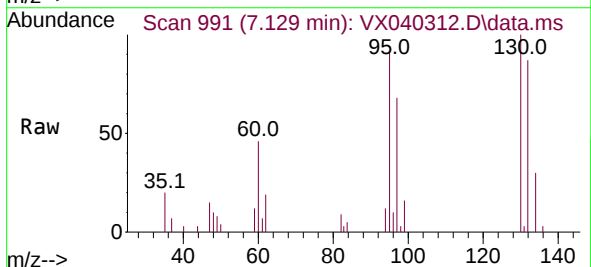


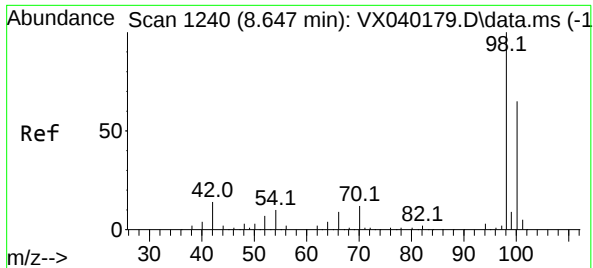
Tgt Ion:117 Resp: 7101
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 5.774 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX040312.D
Acq: 17 Feb 2024 18:57

Tgt Ion:130 Resp: 5221
Ion Ratio Lower Upper
130 100
95 91.5 0.0 204.4

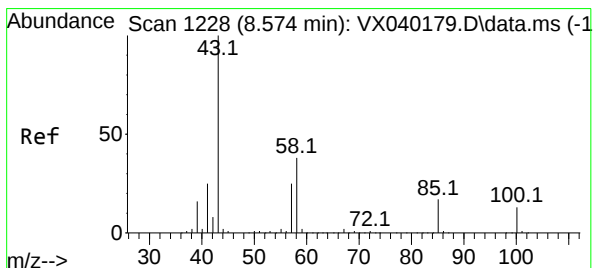
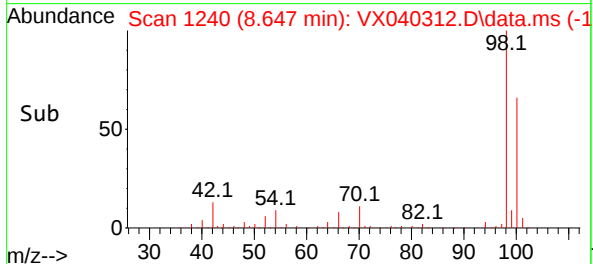
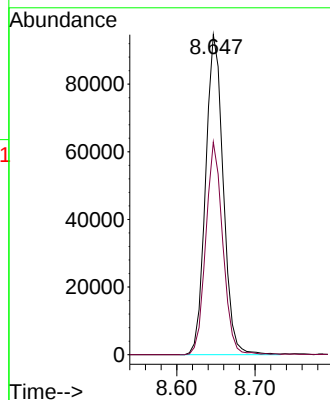
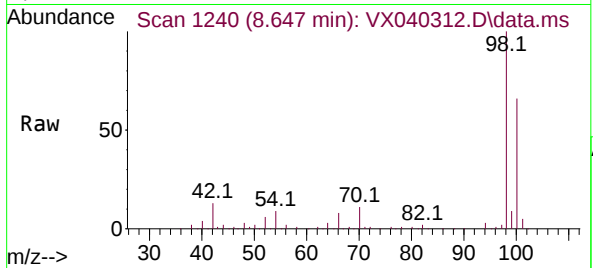




#50
Toluene-d8
Concen: 47.156 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040312.D
Acq: 17 Feb 2024 18:57

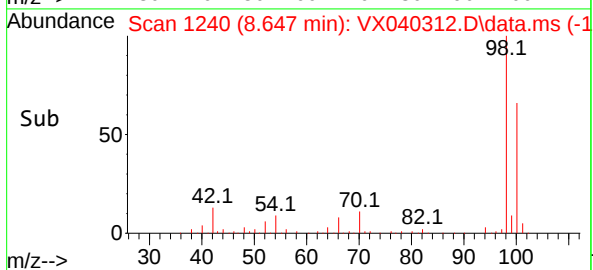
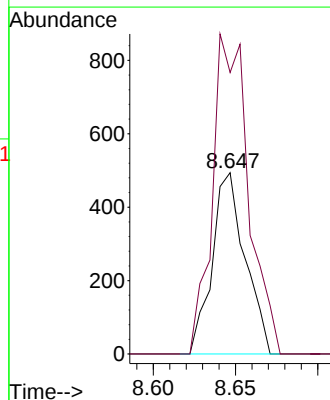
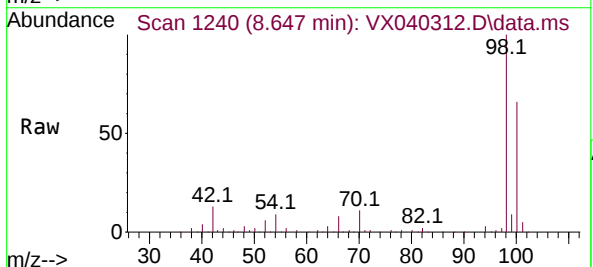
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BP-VPB-191-GW-818-820

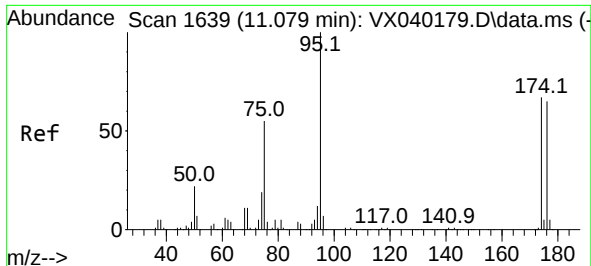
Tgt Ion: 98 Resp: 147609
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.495 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040312.D
Acq: 17 Feb 2024 18:57

Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
58 192.7 30.4 45.6#

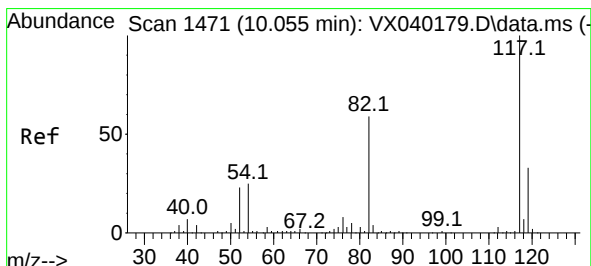
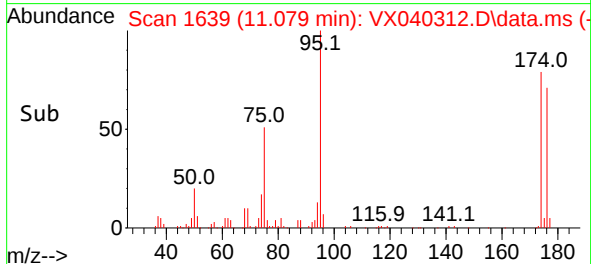
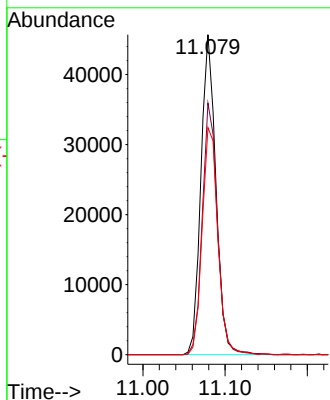
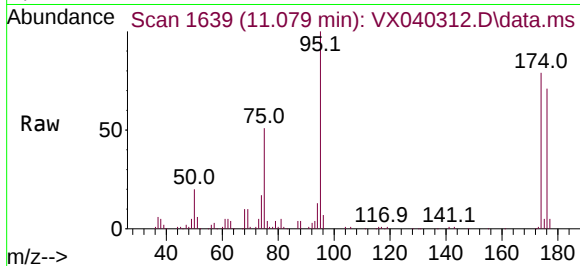




#62
4-Bromofluorobenzene
Concen: 45.443 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040312.D
Acq: 17 Feb 2024 18:57

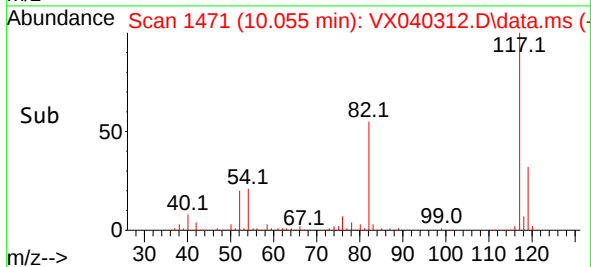
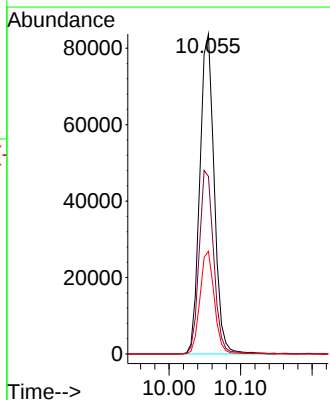
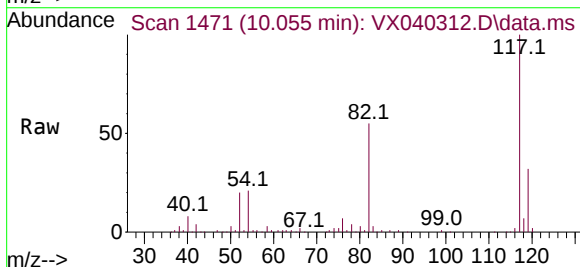
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-818-820

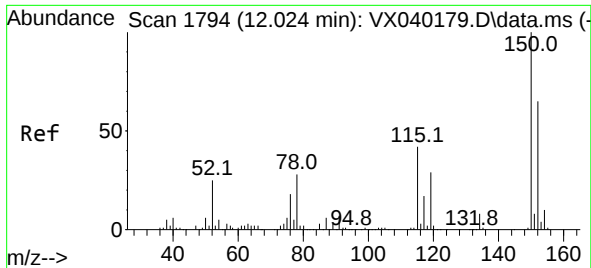
Tgt Ion: 95	Resp: 58014
Ion Ratio	Lower Upper
95	100
174	78.9 0.0 135.6
176	73.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040312.D
Acq: 17 Feb 2024 18:57

Tgt Ion: 117	Resp: 117526
Ion Ratio	Lower Upper
117	100
82	55.5 46.2 69.4
119	32.1 25.5 38.3

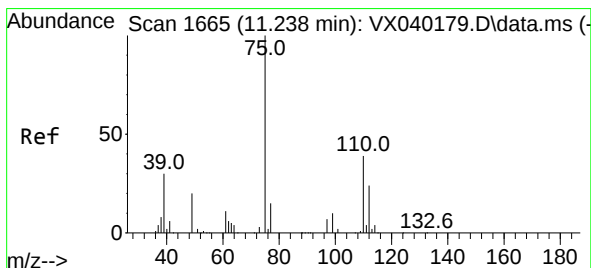
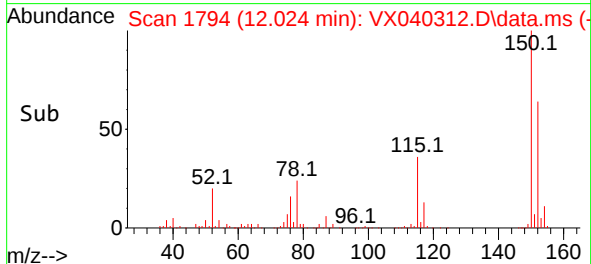
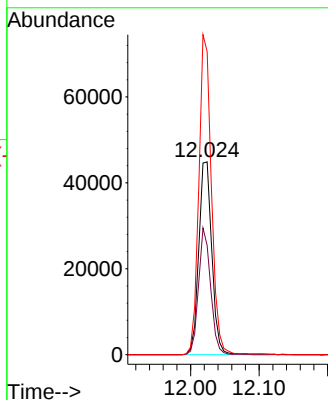
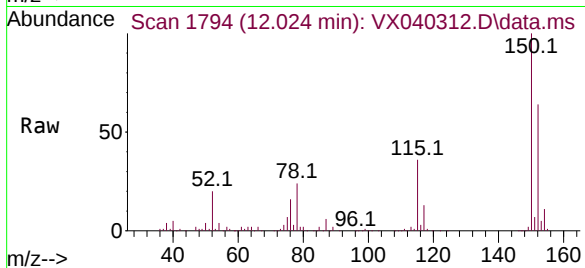




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040312.D
Acq: 17 Feb 2024 18:57

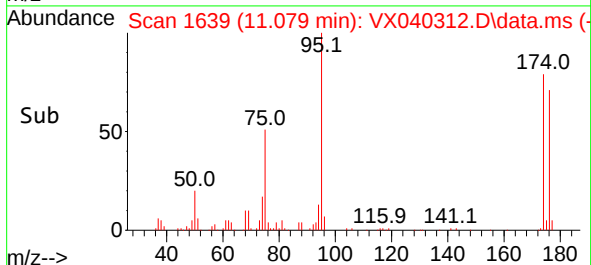
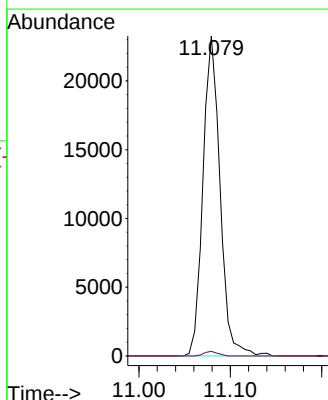
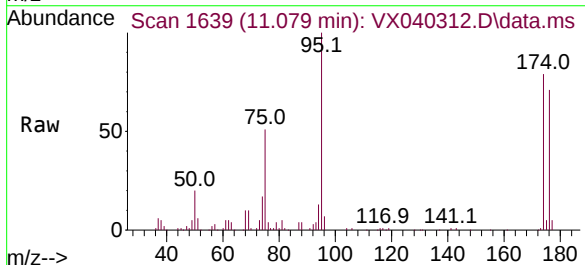
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-818-820

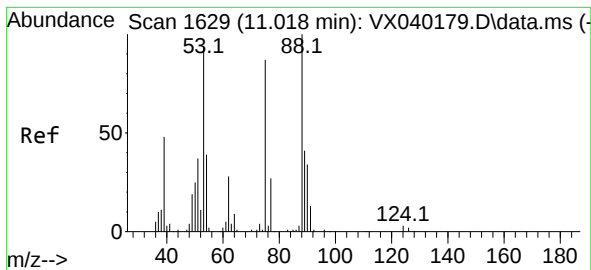
Tgt Ion:152 Resp: 59842
Ion Ratio Lower Upper
152 100
115 60.5 43.3 129.9
150 158.6 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.948 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040312.D
Acq: 17 Feb 2024 18:57

Tgt Ion: 75 Resp: 30232
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 68.632 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX040312.D

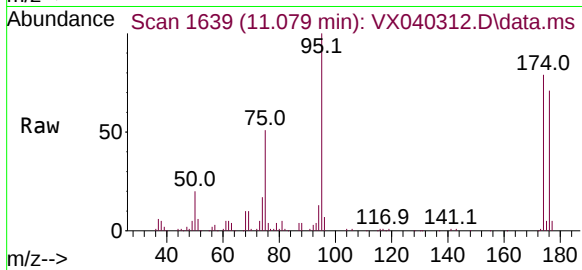
Acq: 17 Feb 2024 18:57

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-818-820



Tgt Ion: 75 Resp: 30232

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

