

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043604.D
 Acq On : 29 Oct 2024 17:57
 Operator : JC/MD
 Sample : P4600-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190-GW-498-500

Quant Time: Oct 30 01:36:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

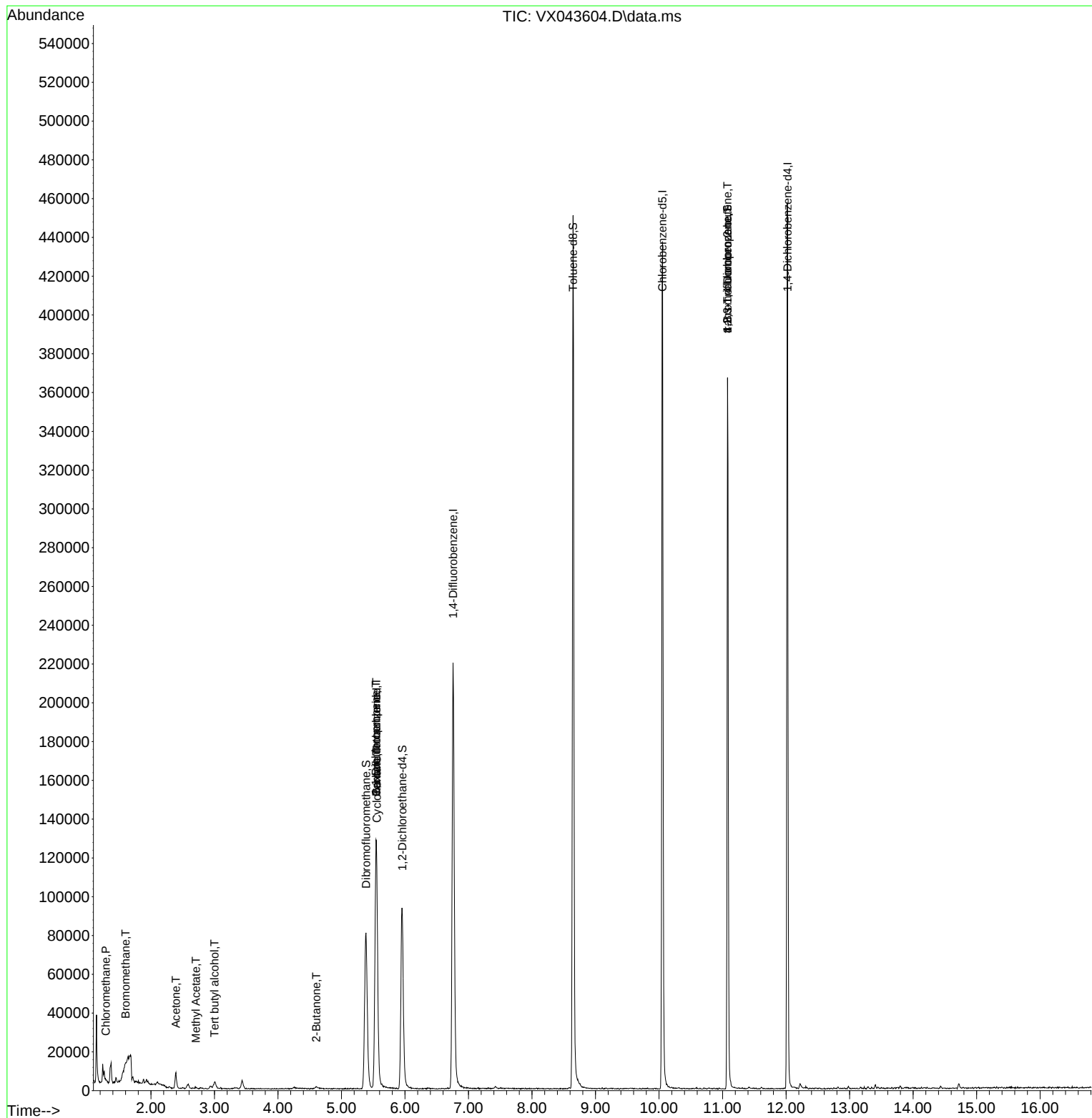
Internal Standards						
1) Pentafluorobenzene	5.550	168	128235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89594	43.817	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.640%
35) Dibromofluoromethane	5.385	113	74107	45.924	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.840%
50) Toluene-d8	8.647	98	279025	49.951	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	11.079	95	105956	51.189	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	420	0.240	ug/l #	42
5) Bromomethane	1.599	94	304	0.458	ug/l #	53
11) Tert butyl alcohol	3.001	59	6398	16.764	ug/l #	100
16) Acetone	2.392	43	8608	10.601	ug/l	99
18) Methyl Acetate	2.709	43	734	0.309	ug/l #	89
25) 2-Butanone	4.605	43	2731	2.306	ug/l	94
31) Cyclohexane	5.556	56	2658	1.231	ug/l #	10
36) 1,1-Dichloropropene	5.544	75	9590	5.012	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13413	6.344	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	50470	23.790	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	50470	65.448	ug/l #	7

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

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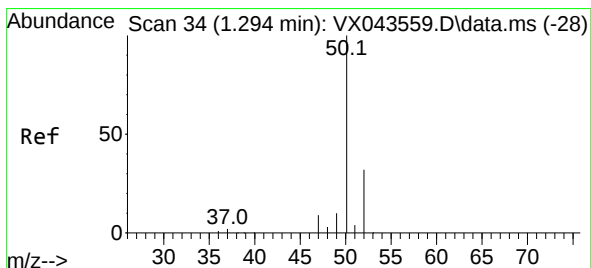
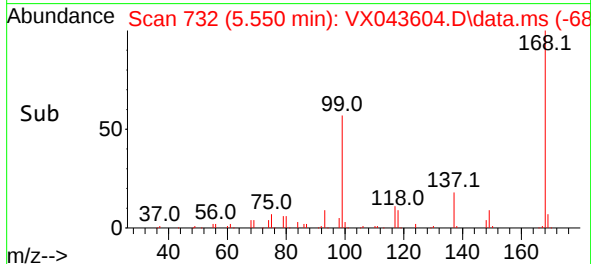
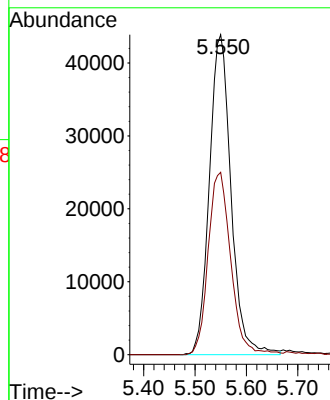
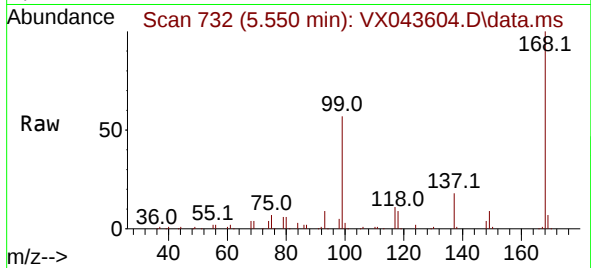




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043604.D
Acq: 29 Oct 2024 17:57

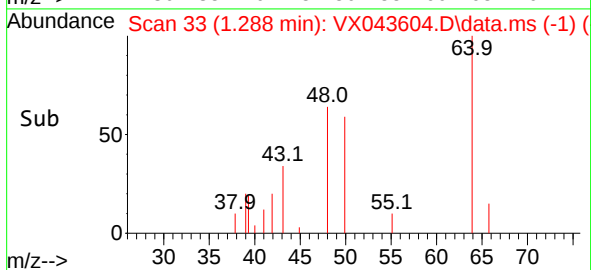
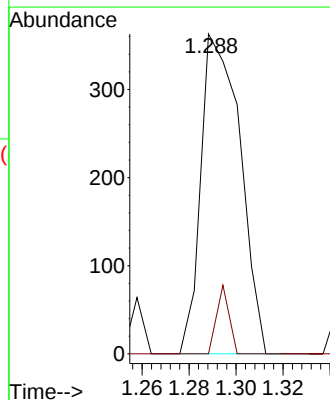
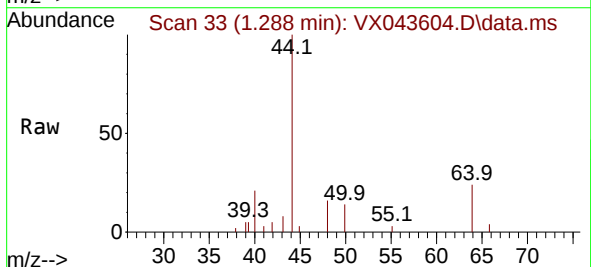
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-498-500

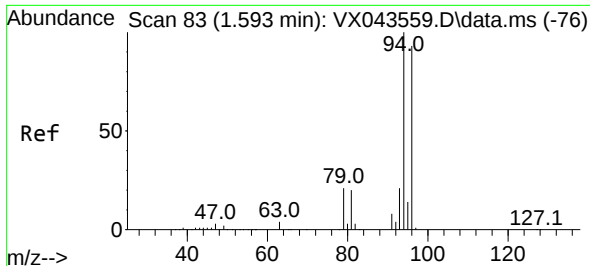
Tgt Ion:168 Resp: 128235
Ion Ratio Lower Upper
168 100
99 57.0 52.6 78.8



#3
Chloromethane
Concen: 0.240 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX043604.D
Acq: 29 Oct 2024 17:57

Tgt Ion: 50 Resp: 420
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

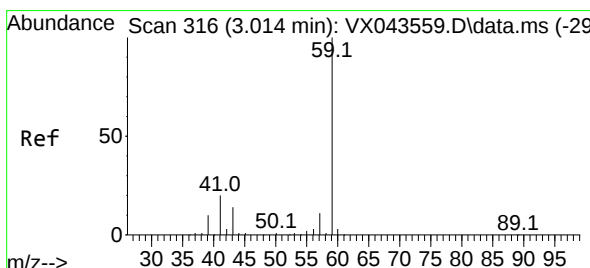
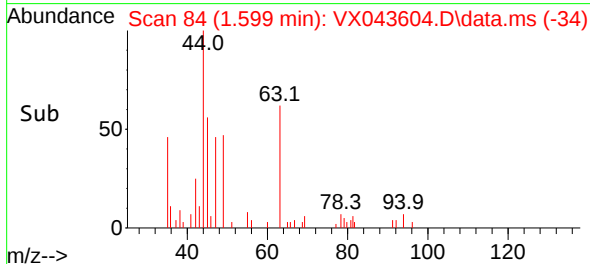
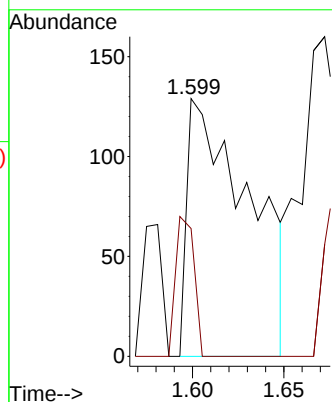
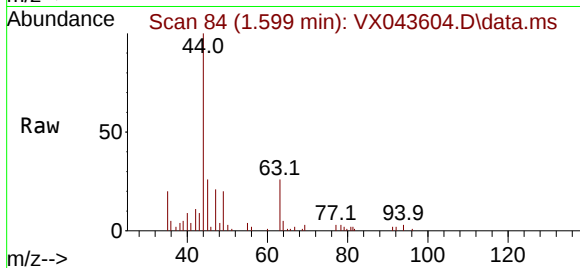




#5
Bromomethane
Concen: 0.458 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043604.D
Acq: 29 Oct 2024 17:57

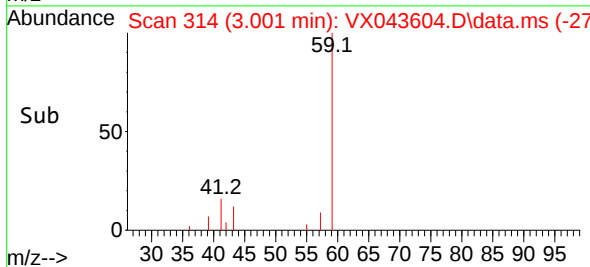
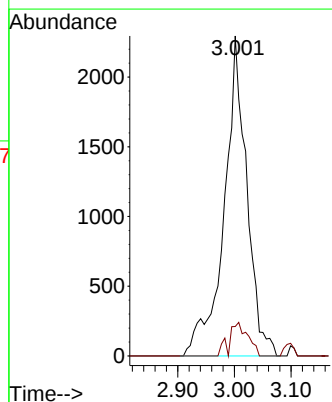
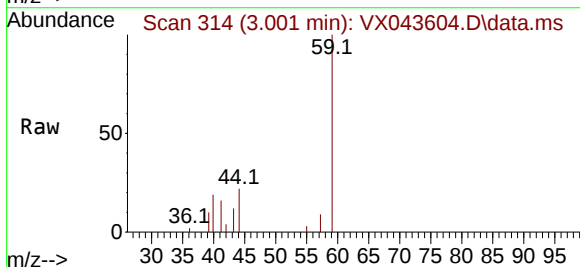
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-498-500

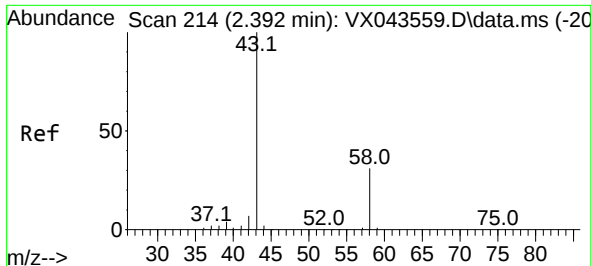
Tgt Ion: 94 Resp: 304
Ion Ratio Lower Upper
94 100
96 49.6 75.9 113.9#



#11
Tert butyl alcohol
Concen: 16.764 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.049 min
Lab File: VX043604.D
Acq: 29 Oct 2024 17:57

Tgt Ion: 59 Resp: 6398
Ion Ratio Lower Upper
59 100
57 8.6 0.0 0.0#

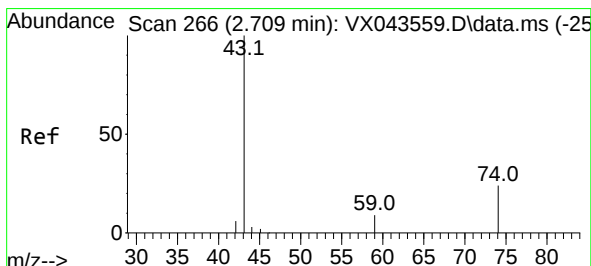
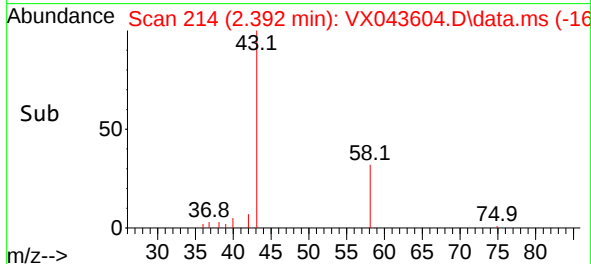
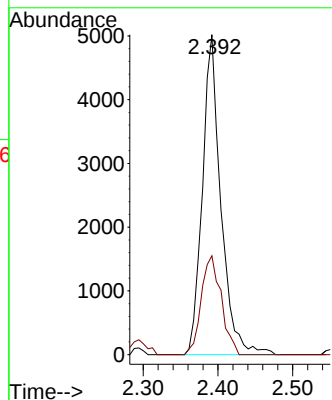
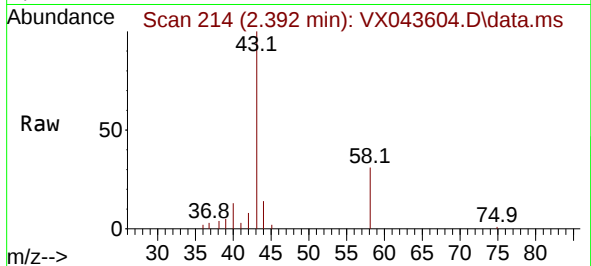




#16
Acetone
Concen: 10.601 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043604.D
Acq: 29 Oct 2024 17:57

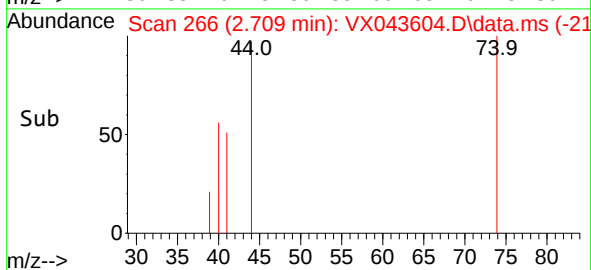
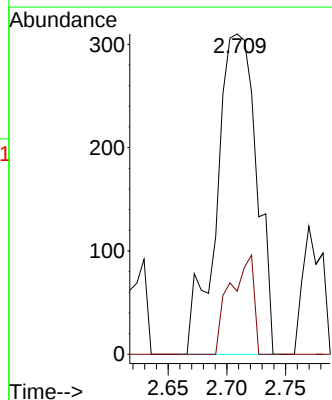
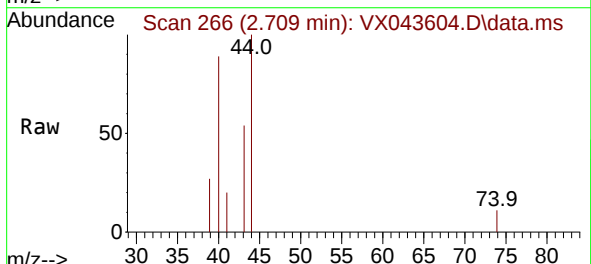
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-498-500

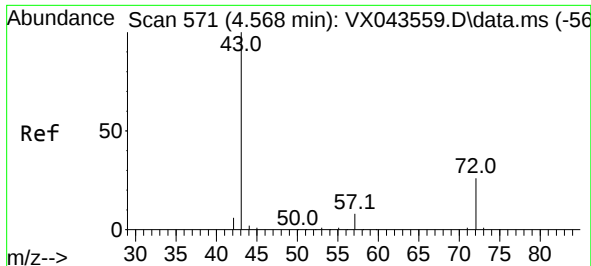
Tgt Ion: 43 Resp: 8608
Ion Ratio Lower Upper
43 100
58 30.9 25.1 37.7



#18
Methyl Acetate
Concen: 0.309 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX043604.D
Acq: 29 Oct 2024 17:57

Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
74 18.3 19.1 28.7#

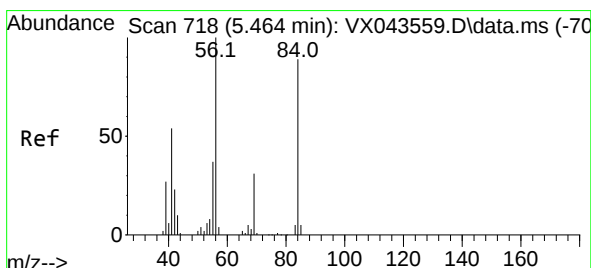
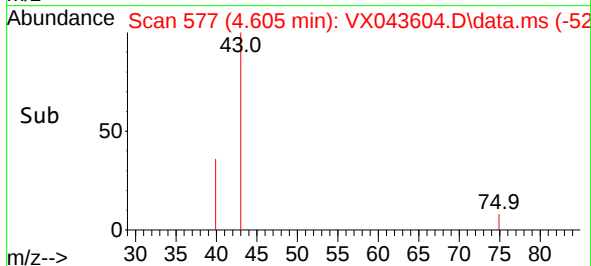
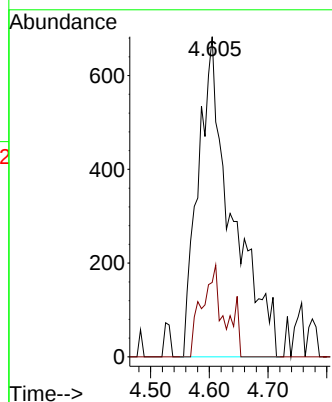
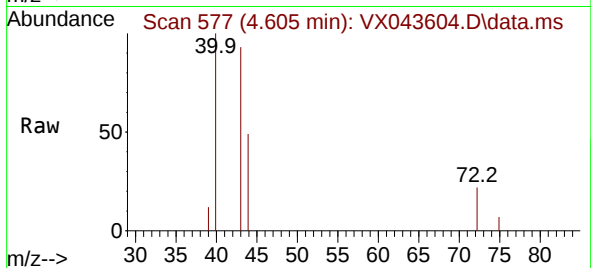




#25
2-Butanone
Concen: 2.306 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX043604.D
Acq: 29 Oct 2024 17:57

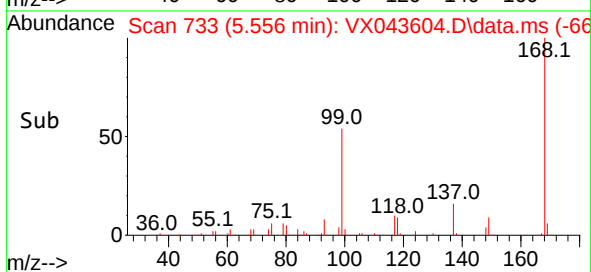
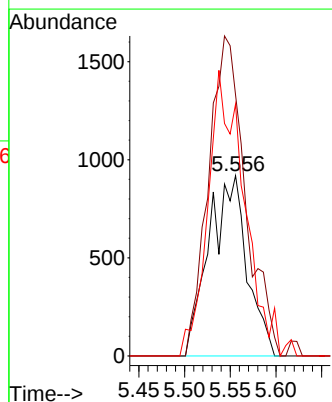
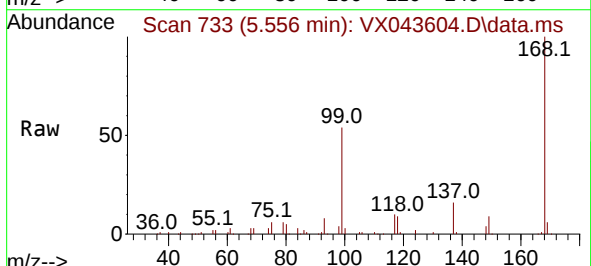
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-498-500

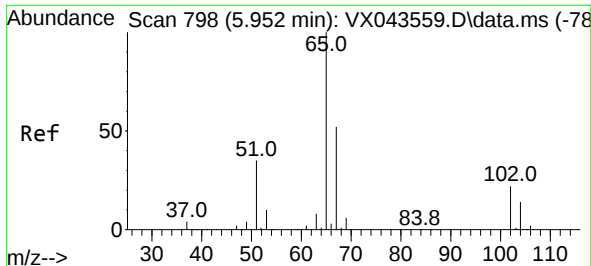
Tgt Ion: 43 Resp: 2731
Ion Ratio Lower Upper
43 100
72 23.3 21.1 31.7



#31
Cyclohexane
Concen: 1.231 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.098 min
Lab File: VX043604.D
Acq: 29 Oct 2024 17:57

Tgt Ion: 56 Resp: 2658
Ion Ratio Lower Upper
56 100
69 144.7 24.9 37.3#
84 139.7 73.3 109.9#





#33

1,2-Dichloroethane-d4

Concen: 43.817 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043604.D

Acq: 29 Oct 2024 17:57

Instrument :

MSVOA_X

ClientSampleId :

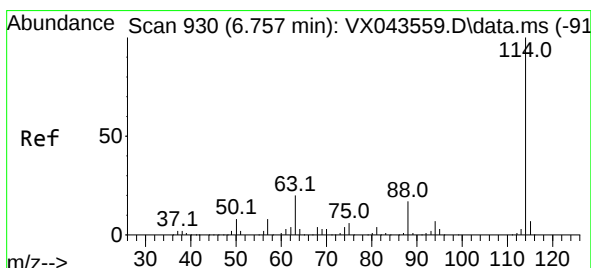
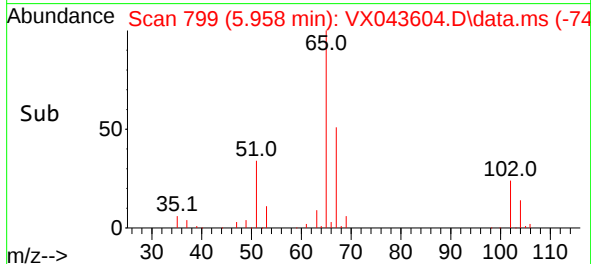
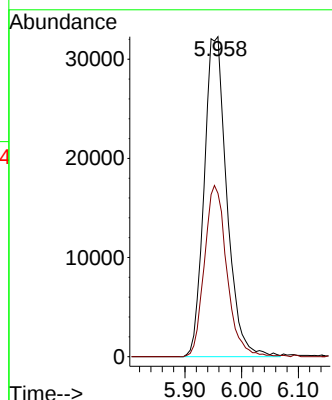
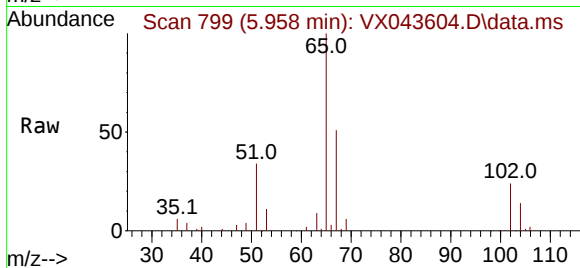
BP-VPB-190-GW-498-500

Tgt Ion: 65 Resp: 89594

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043604.D

Acq: 29 Oct 2024 17:57

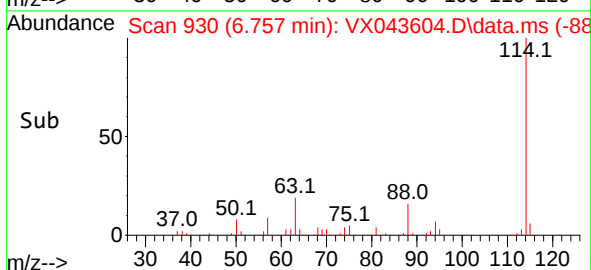
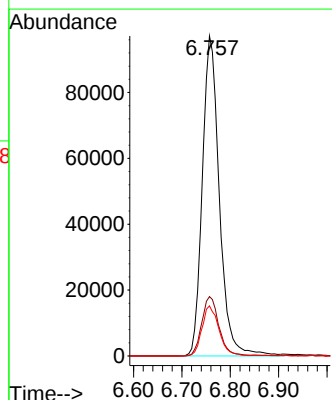
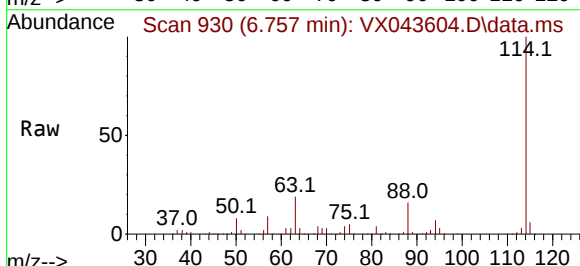
Tgt Ion: 114 Resp: 237971

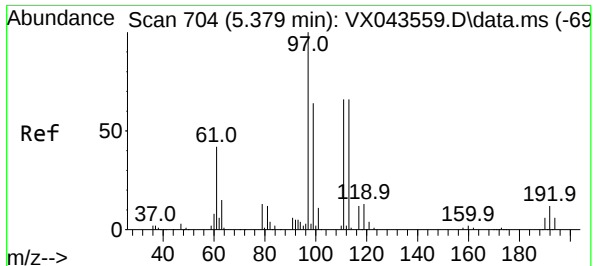
Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.2

88 15.6 0.0 34.0

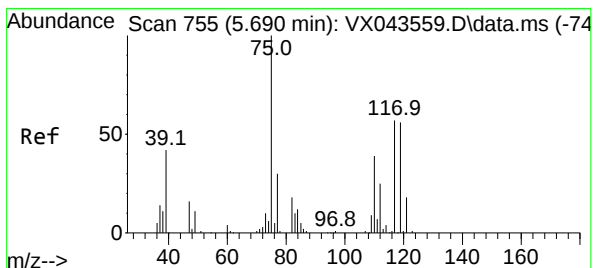
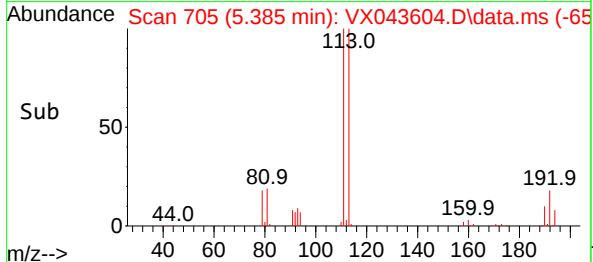
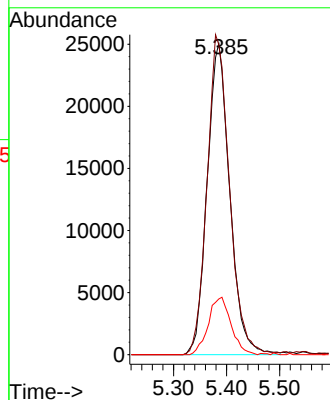
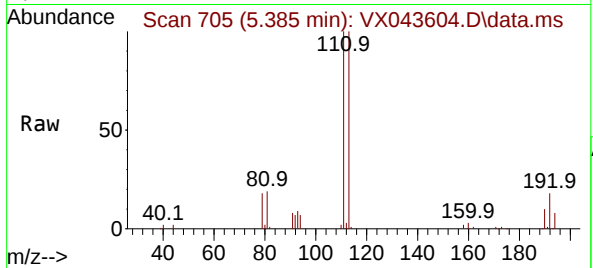




#35
Dibromofluoromethane
Concen: 45.924 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043604.D
Acq: 29 Oct 2024 17:57

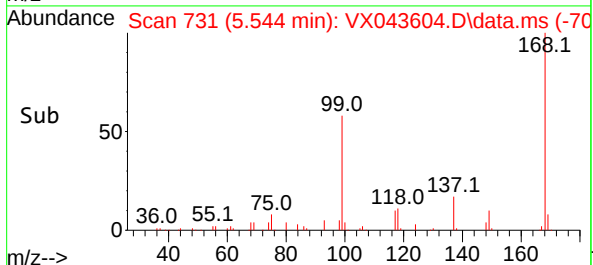
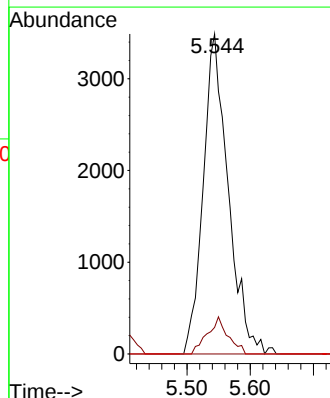
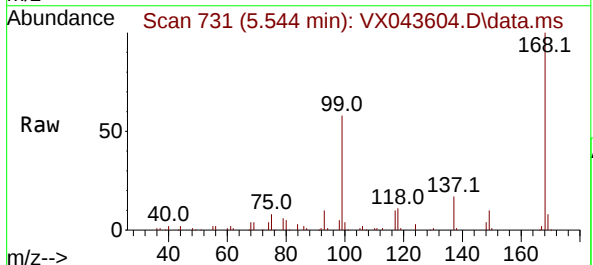
Instrument :
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BP-VPB-190-GW-498-500

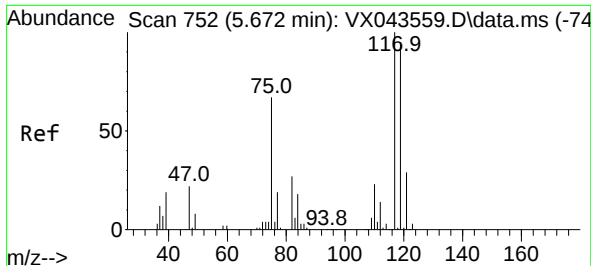
Tgt Ion:113 Resp: 74107
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 18.6 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX043604.D
Acq: 29 Oct 2024 17:57

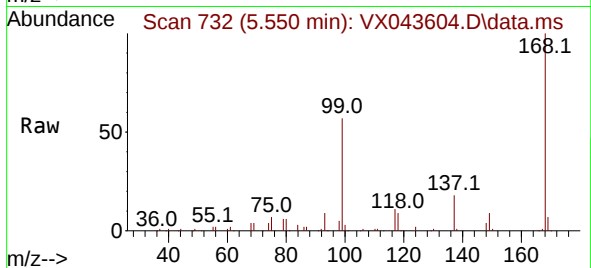
Tgt Ion: 75 Resp: 9590
Ion Ratio Lower Upper
75 100
110 9.5 17.9 53.7#
77 0.0 25.0 37.4#



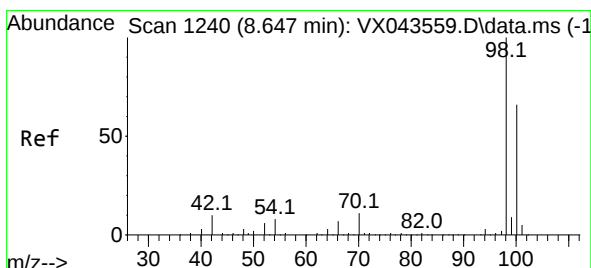
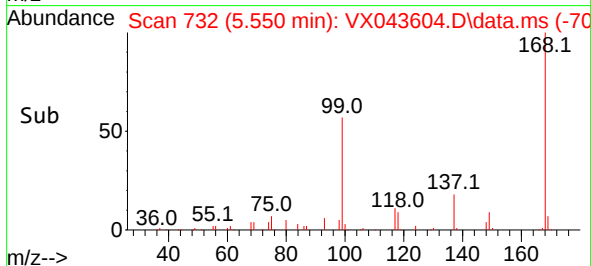
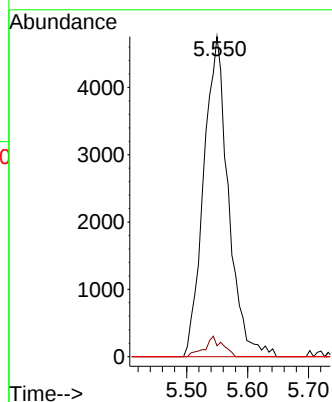


#38
Carbon Tetrachloride
Concen: 6.344 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043604.D
Acq: 29 Oct 2024 17:57

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-498-500

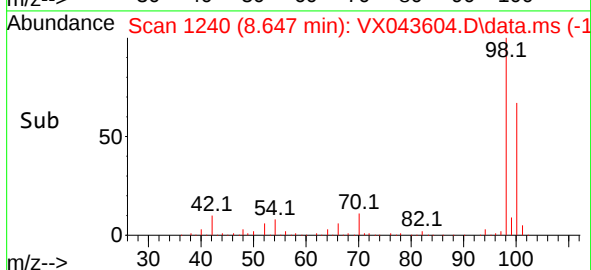
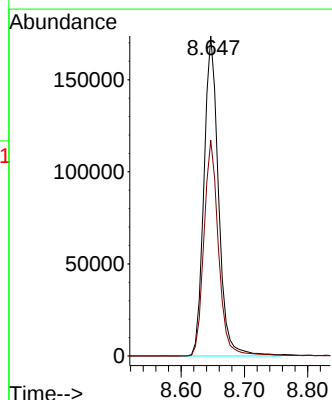
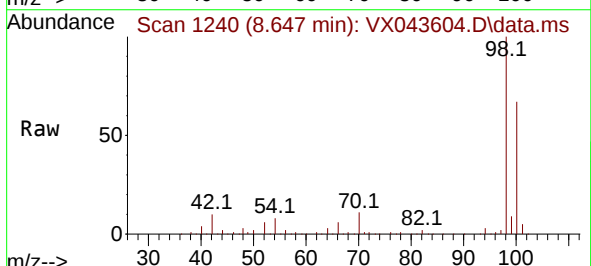


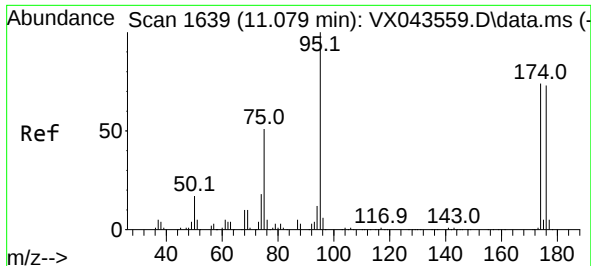
Tgt Ion:117 Resp: 13413
Ion Ratio Lower Upper
117 100
119 3.4 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.951 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043604.D
Acq: 29 Oct 2024 17:57

Tgt Ion: 98 Resp: 279025
Ion Ratio Lower Upper
98 100
100 67.8 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 51.189 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043604.D

Acq: 29 Oct 2024 17:57

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190-GW-498-500

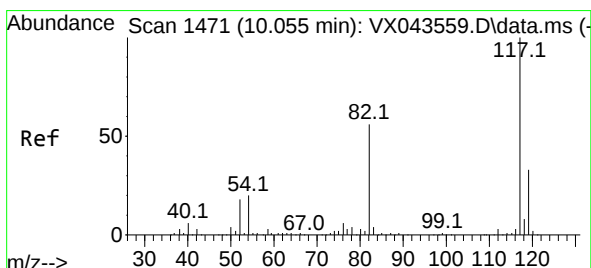
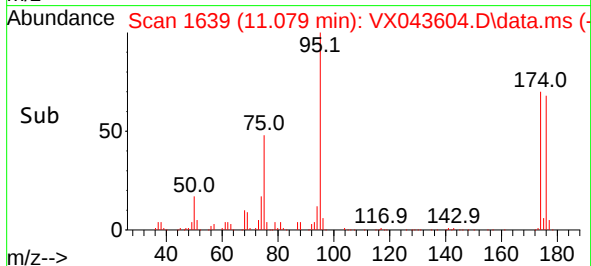
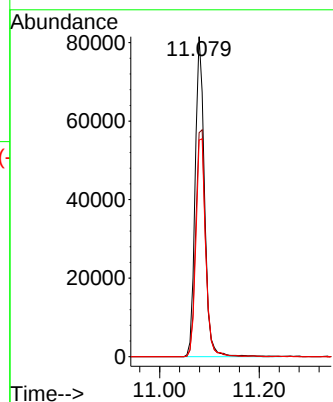
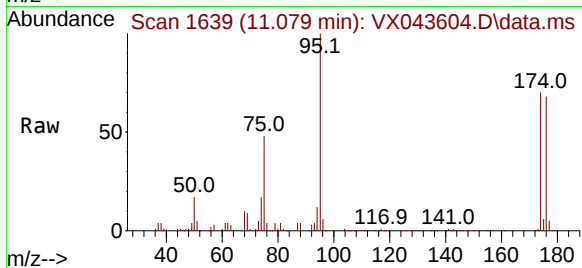
Tgt Ion: 95 Resp: 105956

Ion Ratio Lower Upper

95 100

174 74.4 0.0 146.6

176 71.2 0.0 139.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043604.D

Acq: 29 Oct 2024 17:57

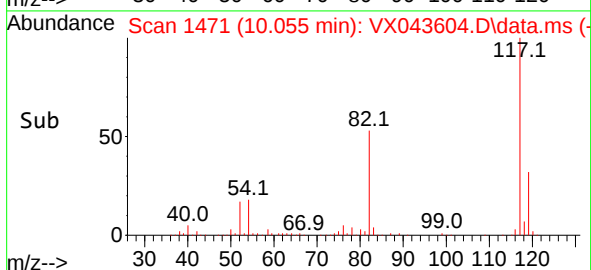
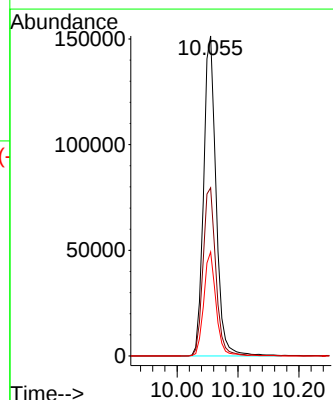
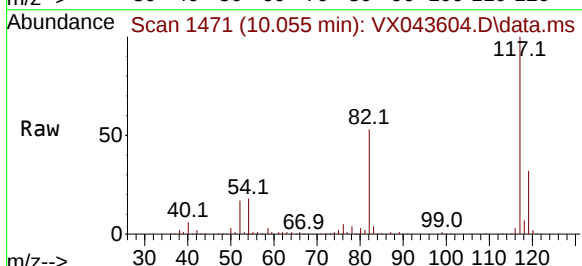
Tgt Ion: 117 Resp: 216332

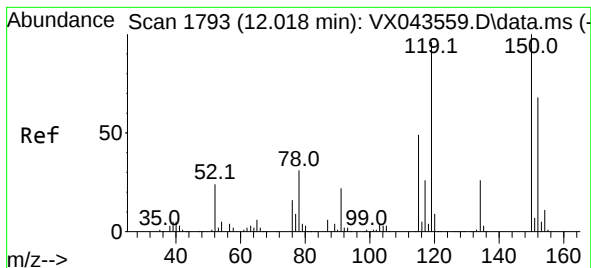
Ion Ratio Lower Upper

117 100

82 52.6 42.1 63.1

119 32.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043604.D

Acq: 29 Oct 2024 17:57

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190-GW-498-500

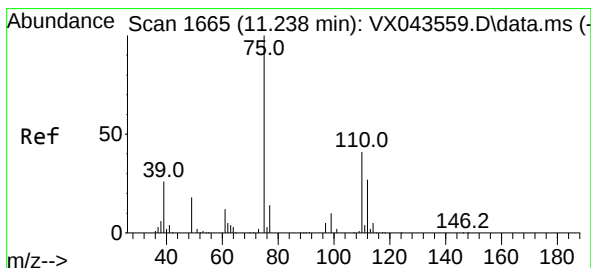
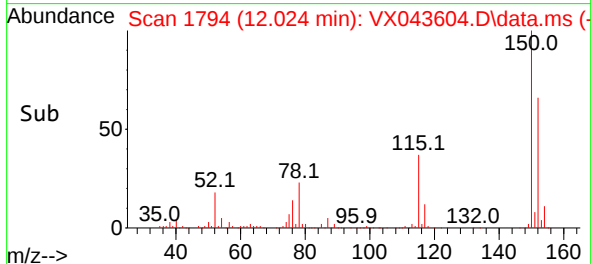
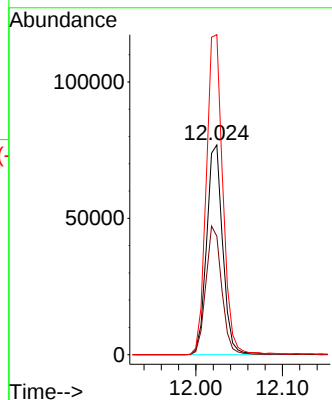
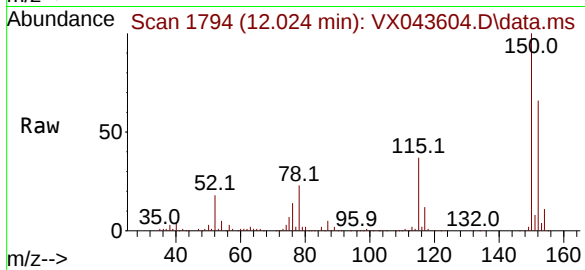
Tgt Ion:152 Resp: 99219

Ion Ratio Lower Upper

152 100

115 60.5 42.9 128.7

150 157.0 0.0 343.6



#76

1,2,3-Trichloropropane

Concen: 23.790 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043604.D

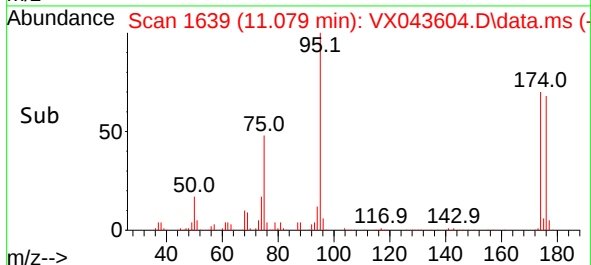
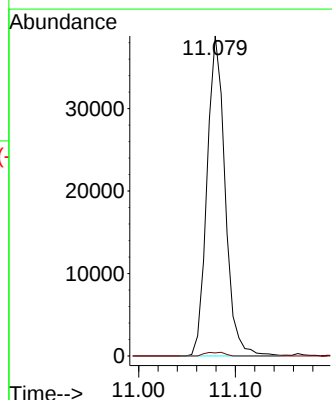
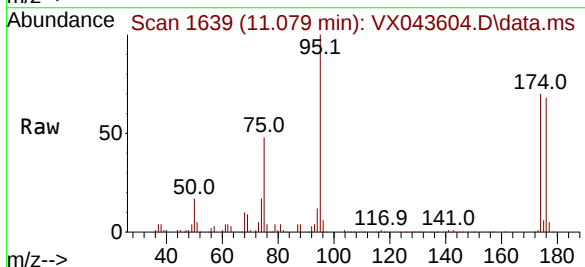
Acq: 29 Oct 2024 17:57

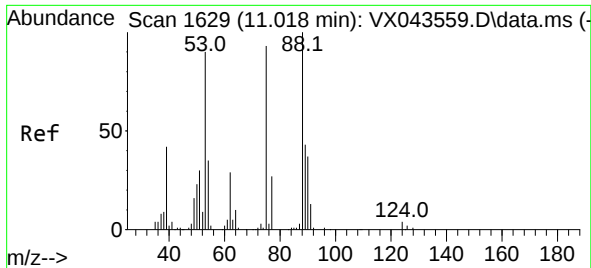
Tgt Ion: 75 Resp: 50470

Ion Ratio Lower Upper

75 100

77 1.2 22.4 67.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.448 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043604.D
Acq: 29 Oct 2024 17:57

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-498-500

Tgt Ion: 75 Resp: 50470
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

