

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043605.D
 Acq On : 29 Oct 2024 18:20
 Operator : JC/MD
 Sample : P4600-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190-GW-518-520

Quant Time: Oct 30 01:36:42 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)

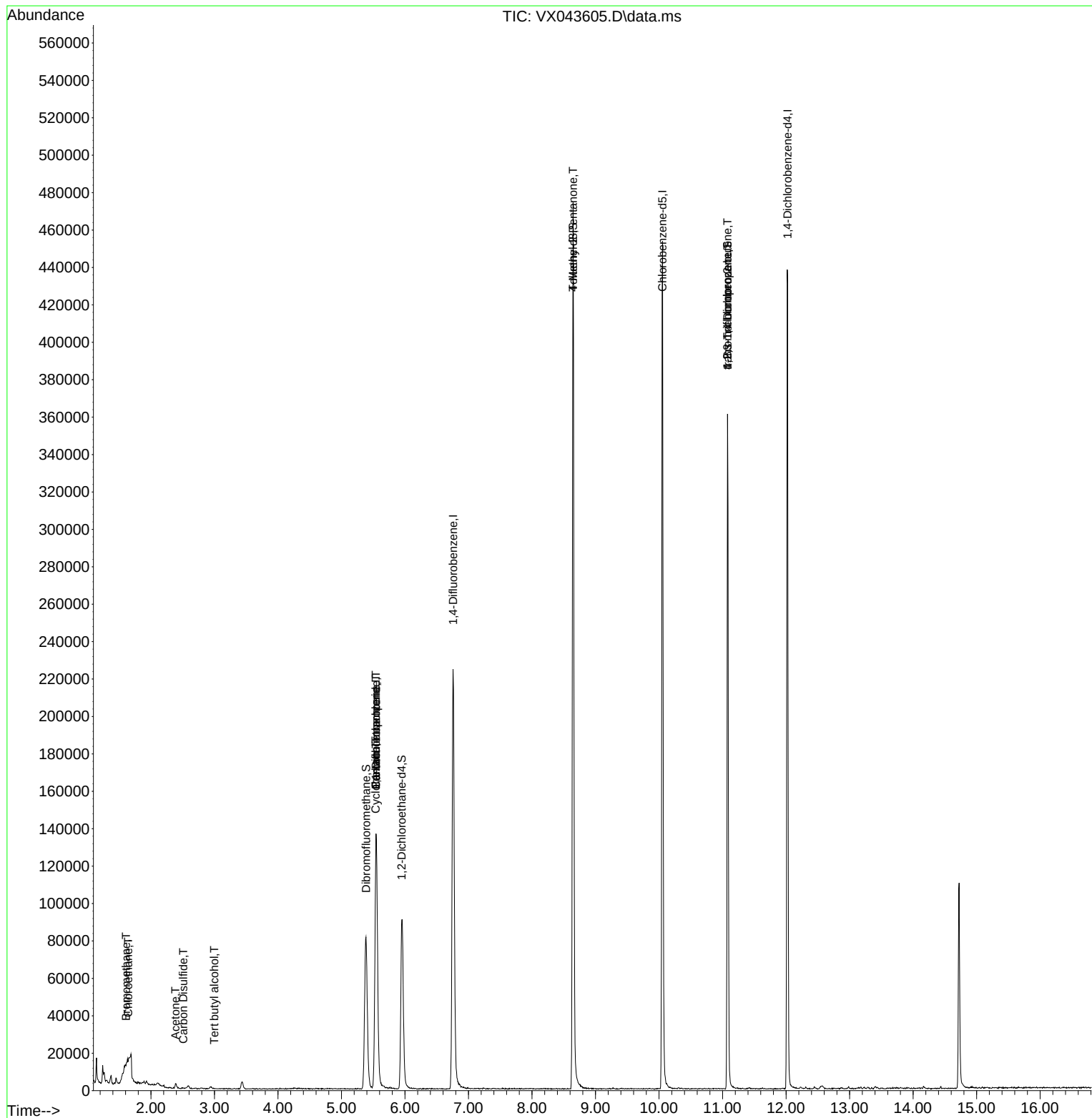
Internal Standards						
1) Pentafluorobenzene	5.544	168	133601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	245193	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	91064	42.747	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.500%
35) Dibromofluoromethane	5.385	113	75165	45.208	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.420%
50) Toluene-d8	8.647	98	290898	50.543	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.080%
62) 4-Bromofluorobenzene	11.079	95	102924	48.260	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.520%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	340	0.492	ug/l #	2
6) Chloroethane	1.642	64	155	0.260	ug/l #	43
11) Tert butyl alcohol	2.995	59	281	0.707	ug/l #	100
16) Acetone	2.386	43	3053	3.609	ug/l	95
17) Carbon Disulfide	2.508	76	637	0.213	ug/l #	75
31) Cyclohexane	5.538	56	1239	0.551	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9929	5.036	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13812	6.341	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1274	0.528	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49421	23.578	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	49421	64.863	ug/l #	7

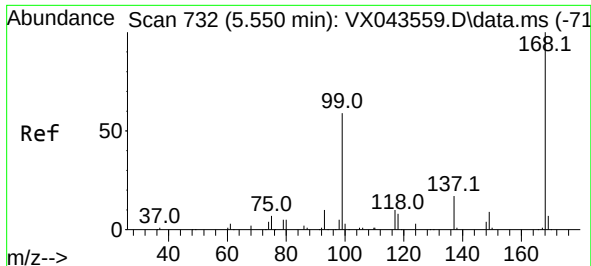
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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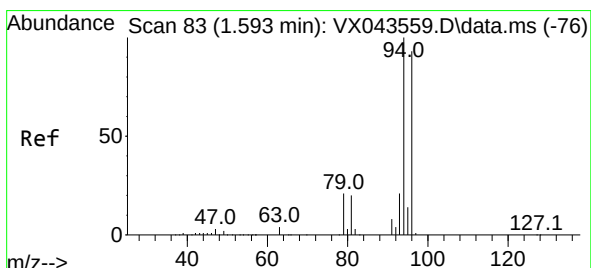
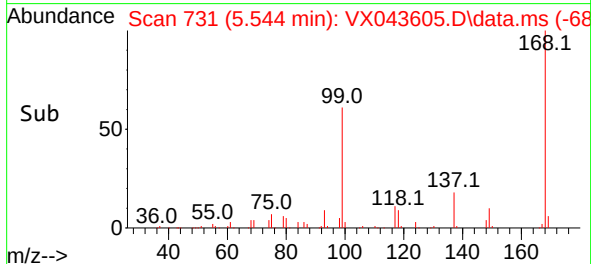
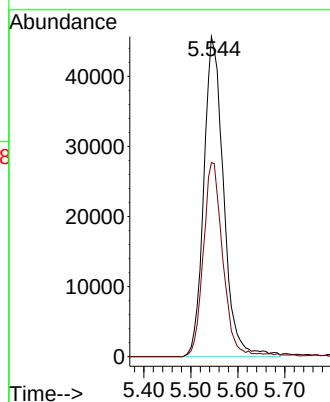
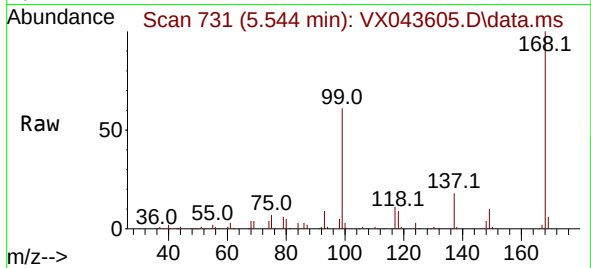




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043605.D
Acq: 29 Oct 2024 18:20

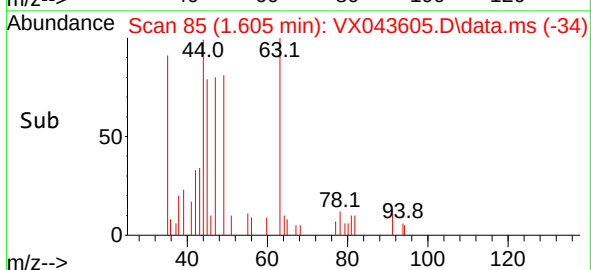
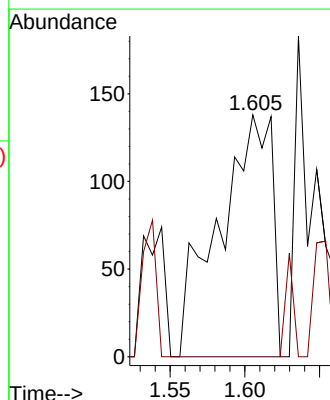
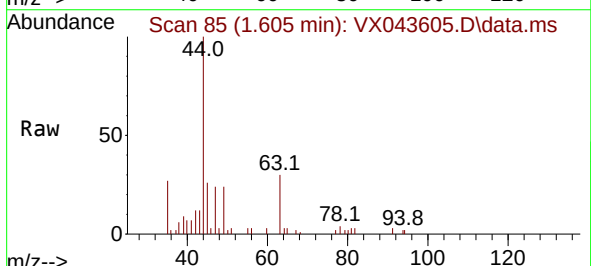
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-518-520

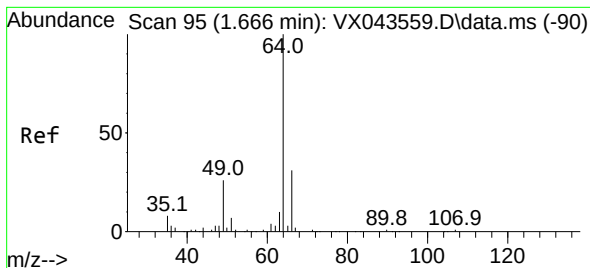
Tgt Ion:168 Resp: 133601
Ion Ratio Lower Upper
168 100
99 60.7 52.6 78.8



#5
Bromomethane
Concen: 0.492 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX043605.D
Acq: 29 Oct 2024 18:20

Tgt Ion: 94 Resp: 340
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#





#6

Chloroethane

Concen: 0.260 ug/l

RT: 1.642 min Scan# 91

Delta R.T. -0.018 min

Lab File: VX043605.D

Acq: 29 Oct 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :

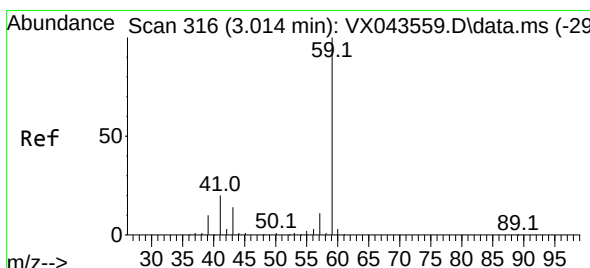
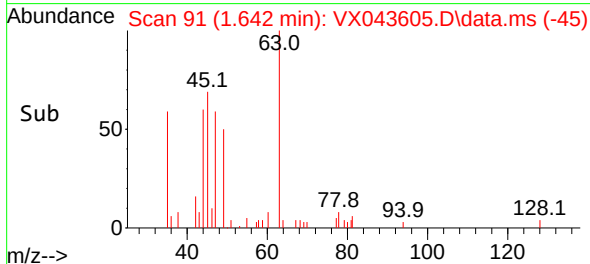
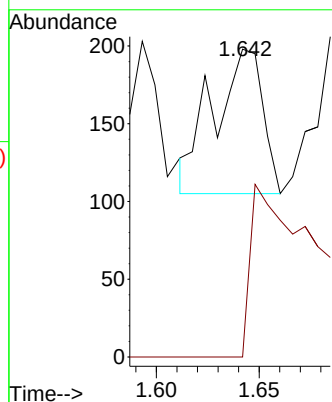
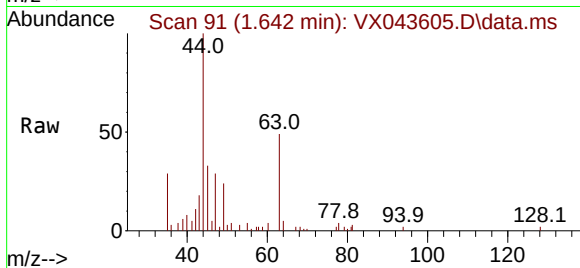
BP-VPB-190-GW-518-520

Tgt Ion: 64 Resp: 155

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 0.707 ug/l

RT: 2.995 min Scan# 313

Delta R.T. -0.055 min

Lab File: VX043605.D

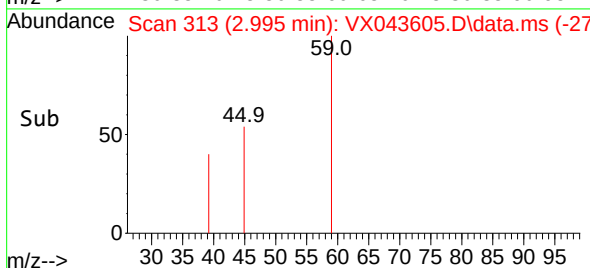
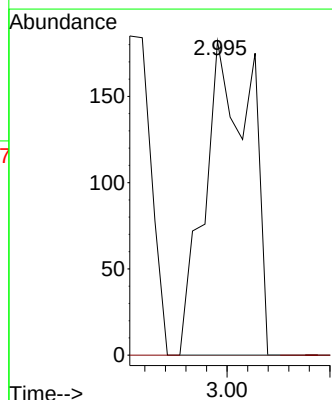
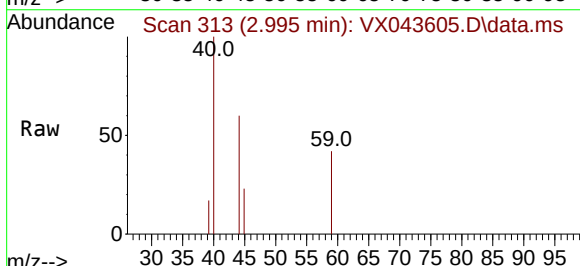
Acq: 29 Oct 2024 18:20

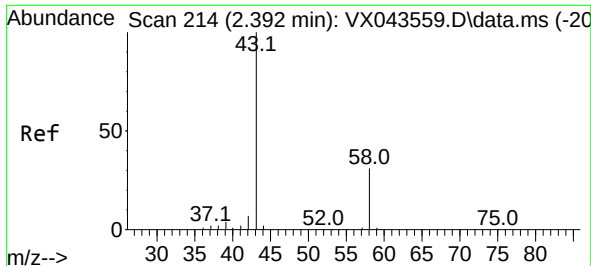
Tgt Ion: 59 Resp: 281

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0





#16

Acetone

Concen: 3.609 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.012 min

Lab File: VX043605.D

Acq: 29 Oct 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :

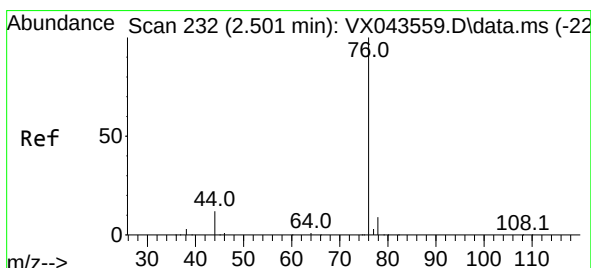
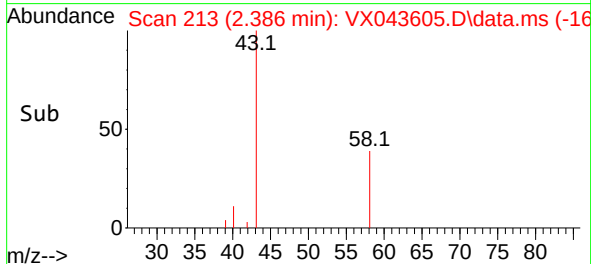
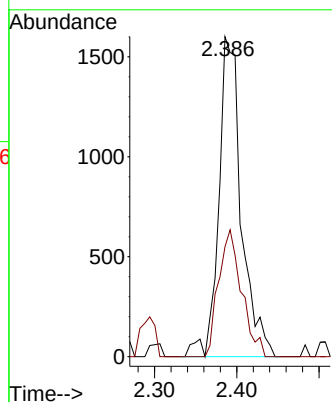
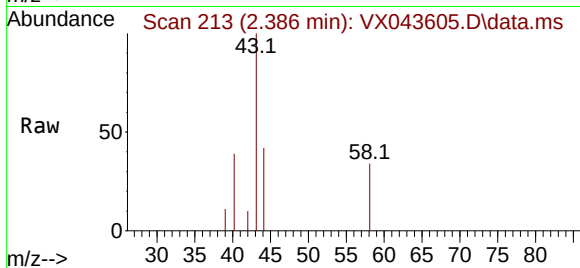
BP-VPB-190-GW-518-520

Tgt Ion: 43 Resp: 3053

Ion Ratio Lower Upper

43 100

58 34.4 25.1 37.7



#17

Carbon Disulfide

Concen: 0.213 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.012 min

Lab File: VX043605.D

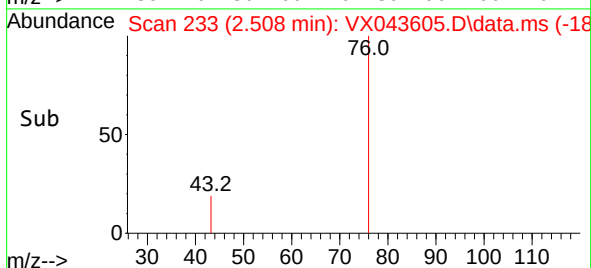
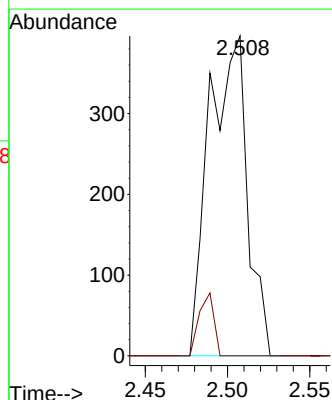
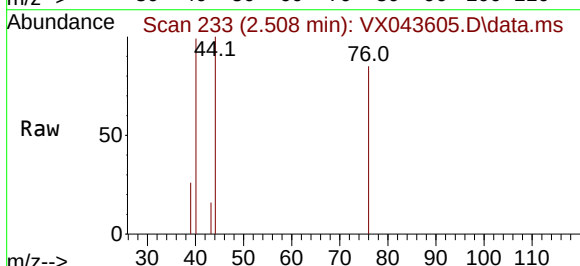
Acq: 29 Oct 2024 18:20

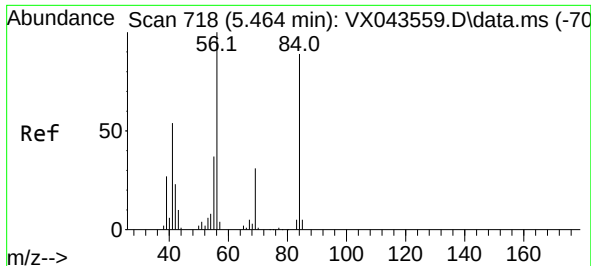
Tgt Ion: 76 Resp: 637

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#





#31

Cyclohexane

Concen: 0.551 ug/l

RT: 5.538 min Scan# 718

Delta R.T. 0.079 min

Lab File: VX043605.D

Acq: 29 Oct 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190-GW-518-520

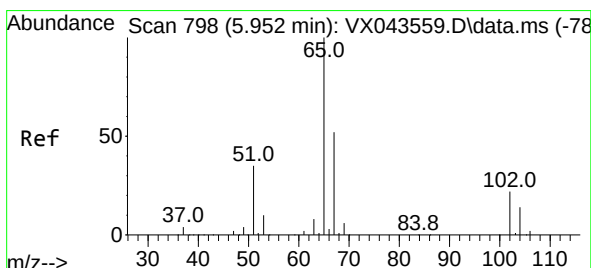
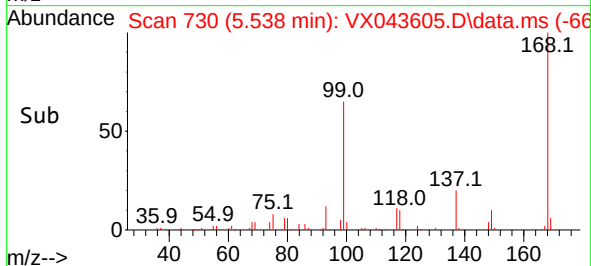
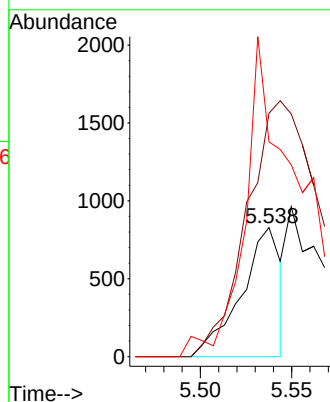
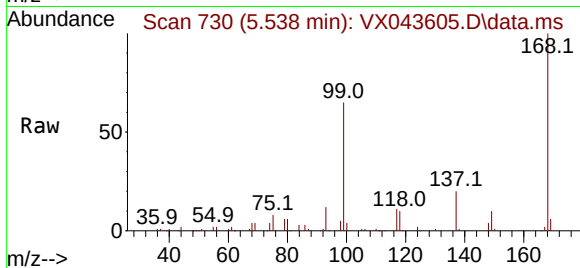
Tgt Ion: 56 Resp: 1239

Ion Ratio Lower Upper

56 100

69 188.4 24.9 37.3#

84 166.3 73.3 109.9#



#33

1,2-Dichloroethane-d4

Concen: 42.747 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX043605.D

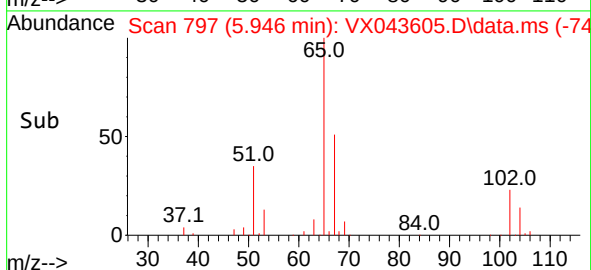
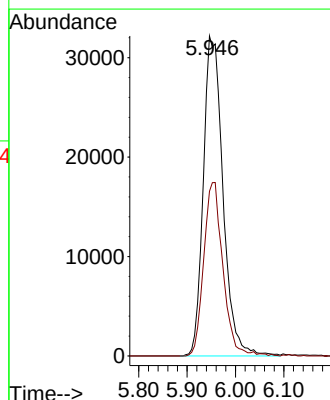
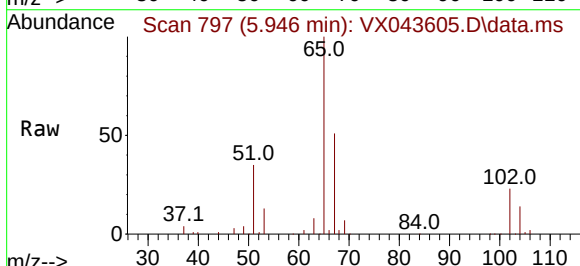
Acq: 29 Oct 2024 18:20

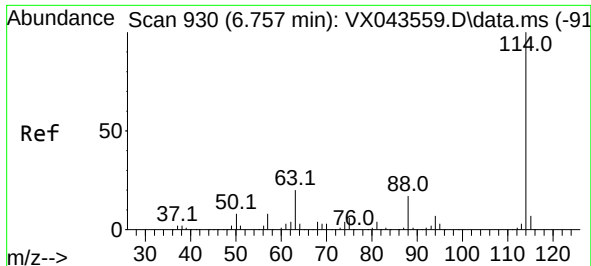
Tgt Ion: 65 Resp: 91064

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.4

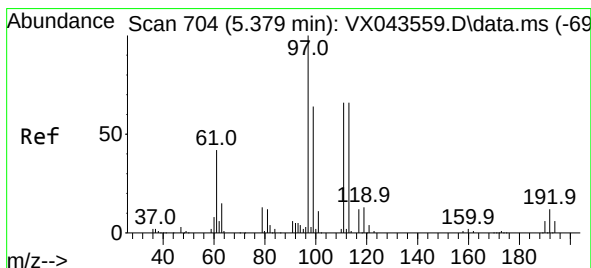
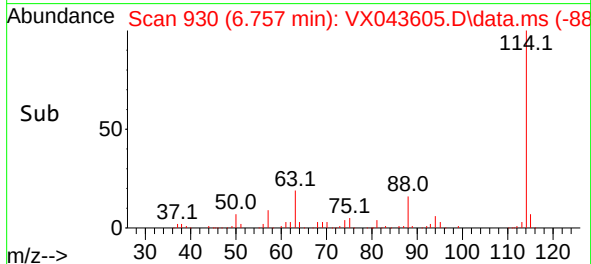
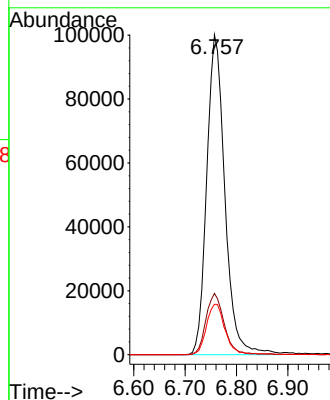
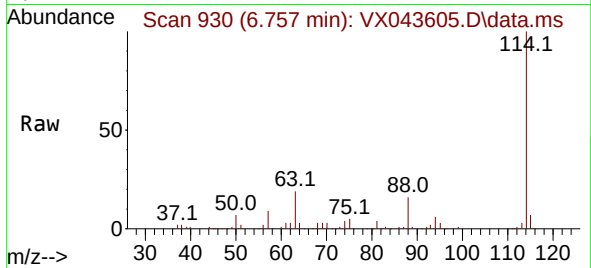




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043605.D
Acq: 29 Oct 2024 18:20

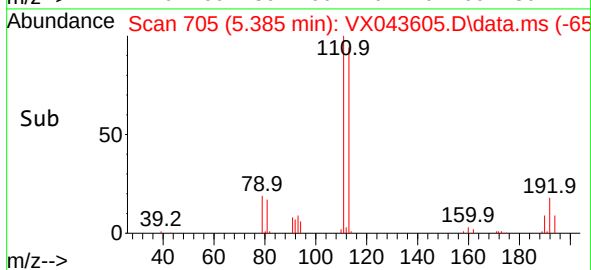
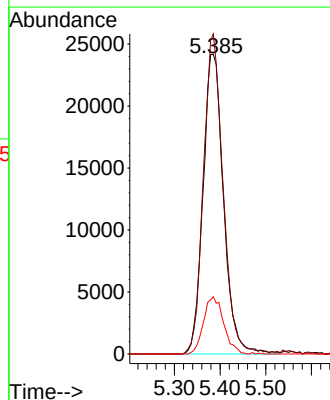
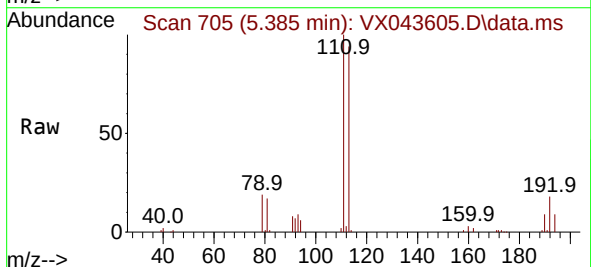
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-518-520

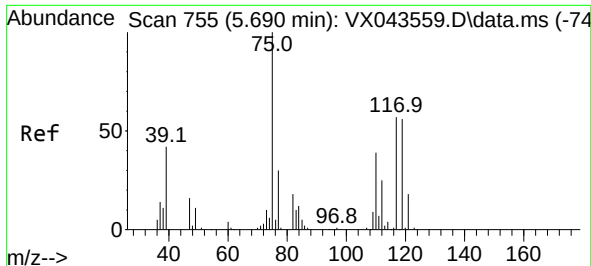
Tgt Ion:114 Resp: 245193
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.2
88 15.7 0.0 34.0



#35
Dibromofluoromethane
Concen: 45.208 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043605.D
Acq: 29 Oct 2024 18:20

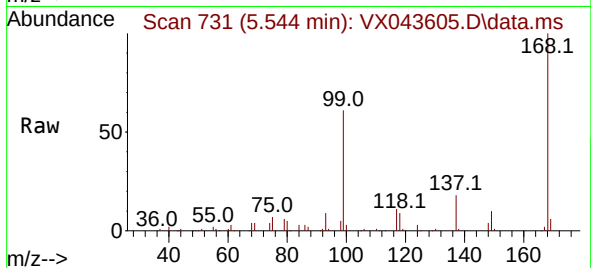
Tgt Ion:113 Resp: 75165
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 18.7 14.1 21.1



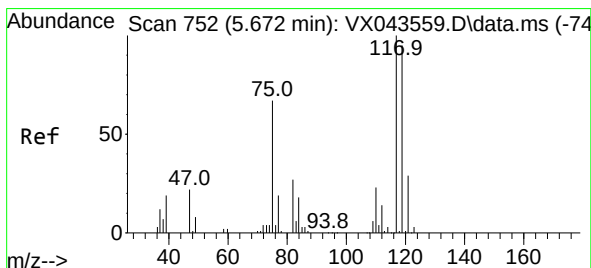
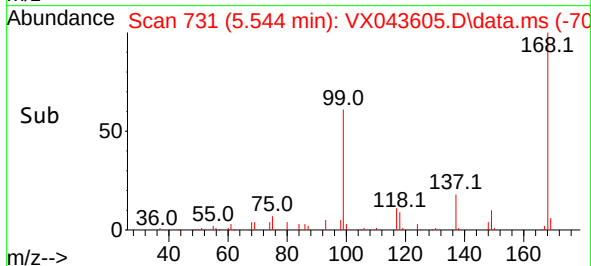
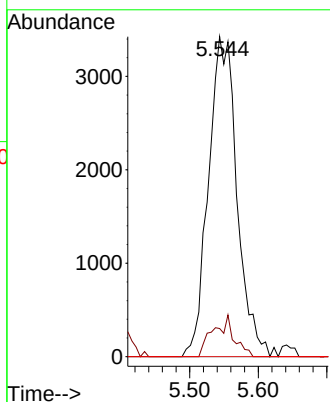


#36
1,1-Dichloropropene
Concen: 5.036 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX043605.D
Acq: 29 Oct 2024 18:20

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-518-520

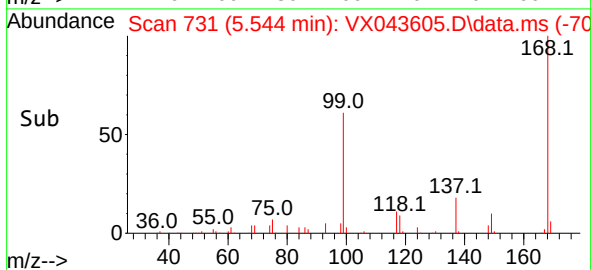
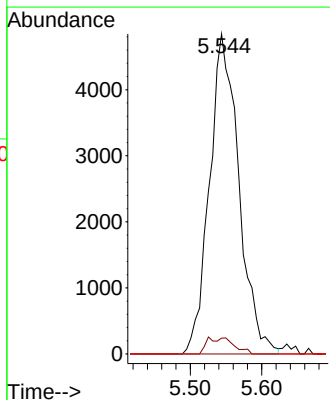
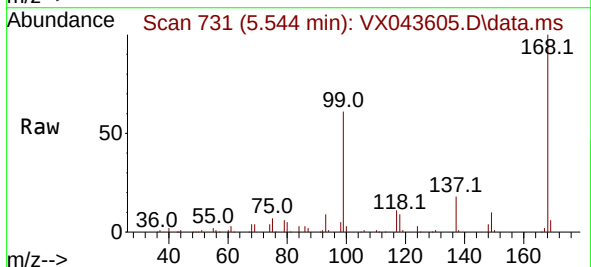


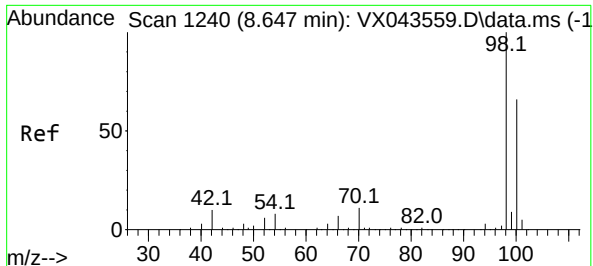
Tgt Ion: 75 Resp: 9929
Ion Ratio Lower Upper
75 100
110 9.5 17.9 53.7#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.341 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043605.D
Acq: 29 Oct 2024 18:20

Tgt Ion: 117 Resp: 13812
Ion Ratio Lower Upper
117 100
119 5.0 77.0 115.6#
121 0.0 24.7 37.1#

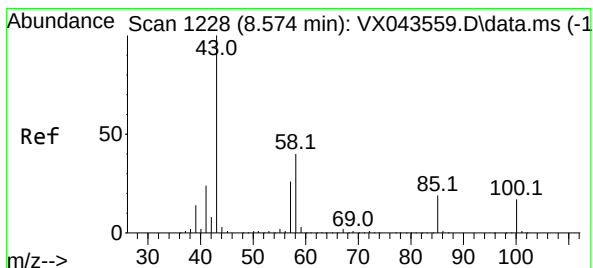
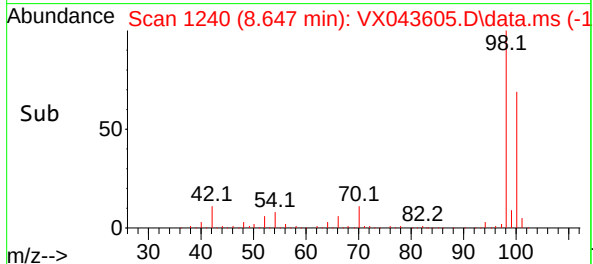
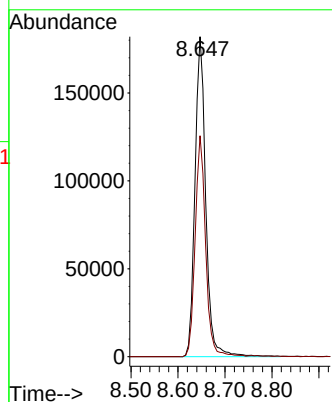
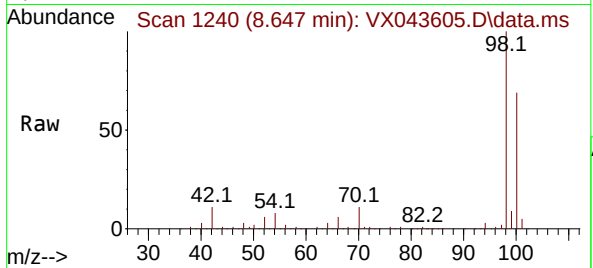




#50
Toluene-d8
Concen: 50.543 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043605.D
Acq: 29 Oct 2024 18:20

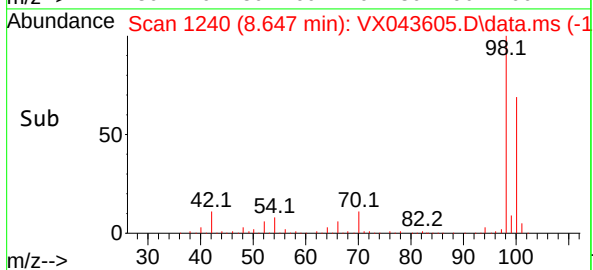
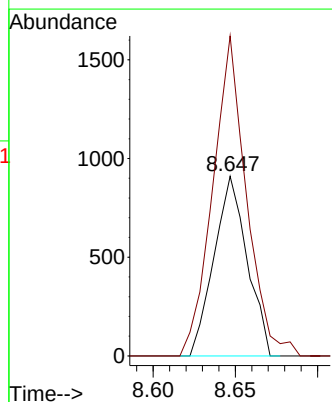
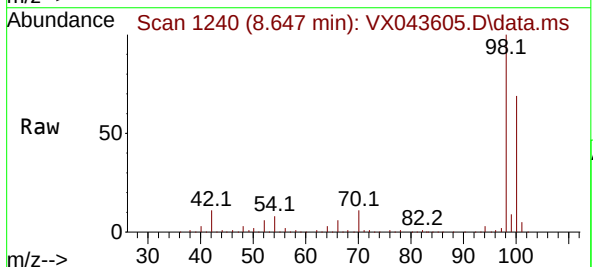
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-518-520

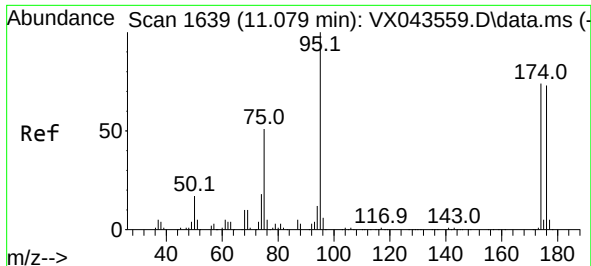
Tgt Ion: 98 Resp: 290898
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 0.528 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX043605.D
Acq: 29 Oct 2024 18:20

Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
58 181.3 31.7 47.5

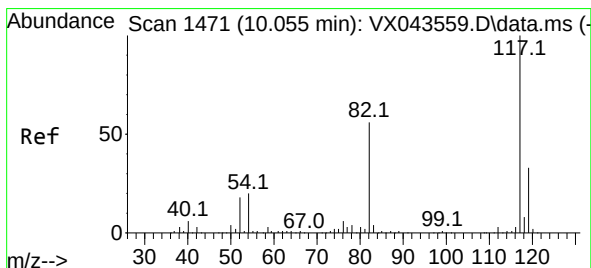
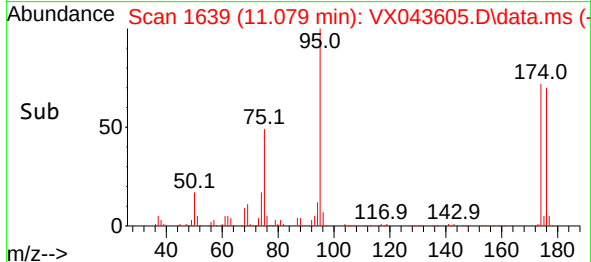
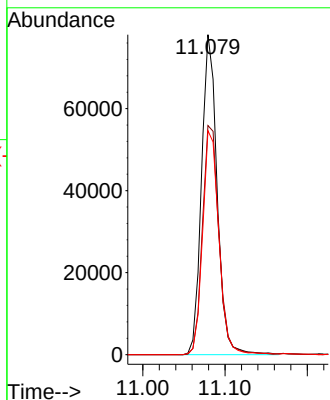
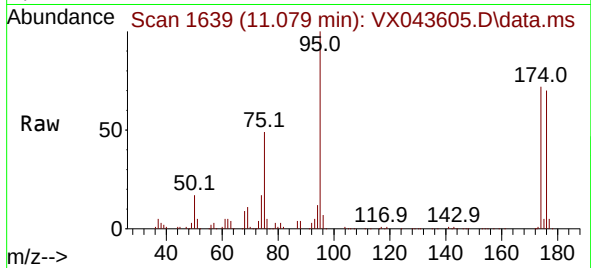




#62
4-Bromofluorobenzene
Concen: 48.260 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043605.D
Acq: 29 Oct 2024 18:20

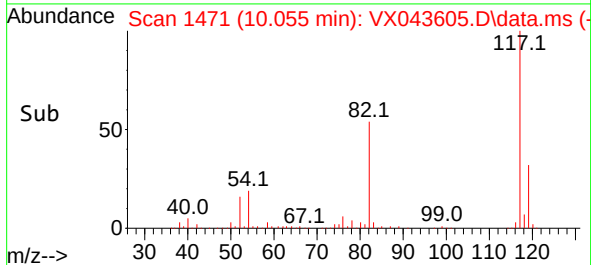
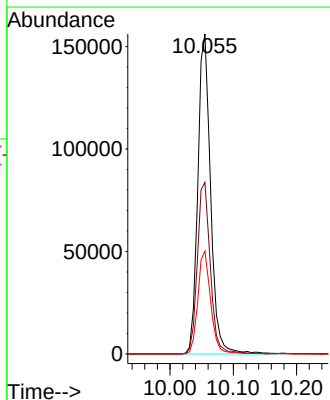
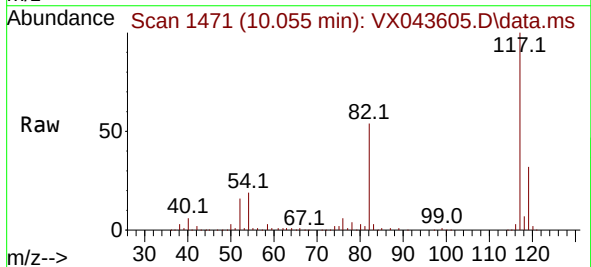
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-518-520

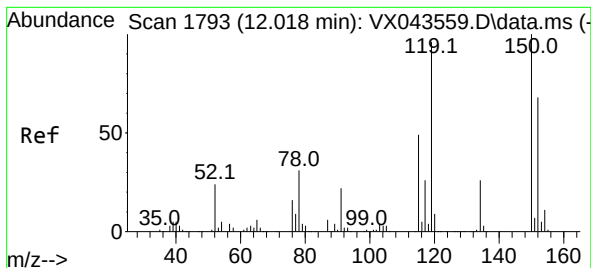
Tgt Ion: 95 Resp: 102924
Ion Ratio Lower Upper
95 100
174 75.9 0.0 146.6
176 73.0 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043605.D
Acq: 29 Oct 2024 18:20

Tgt Ion: 117 Resp: 219937
Ion Ratio Lower Upper
117 100
82 53.6 42.1 63.1
119 32.1 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: VX043605.D

Acq: 29 Oct 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190-GW-518-520

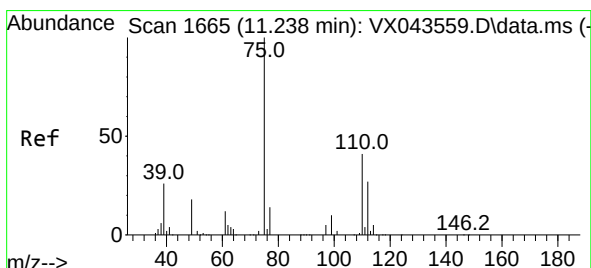
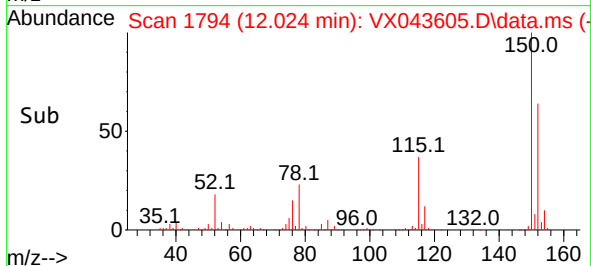
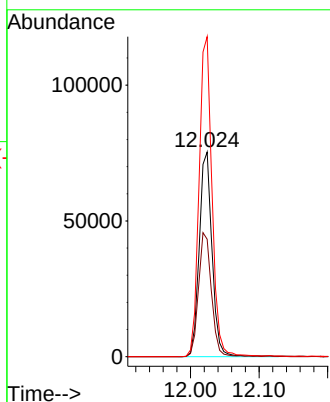
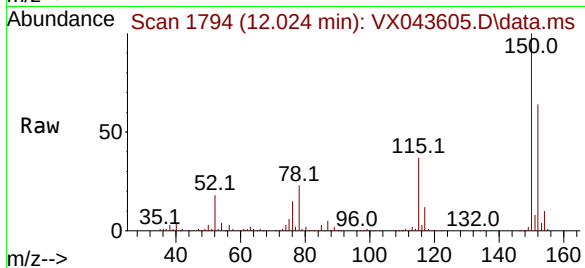
Tgt Ion:152 Resp: 98034

Ion Ratio Lower Upper

152 100

115 61.3 42.9 128.7

150 157.6 0.0 343.6



#76

1,2,3-Trichloropropane

Concen: 23.578 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043605.D

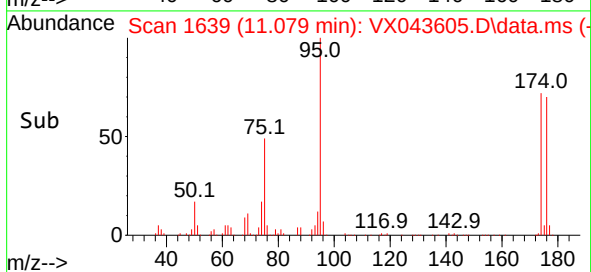
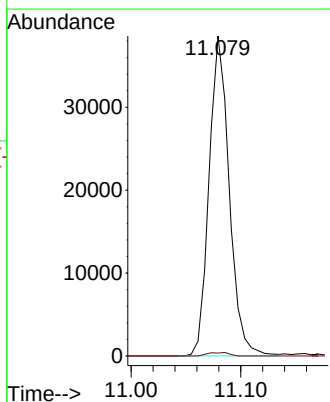
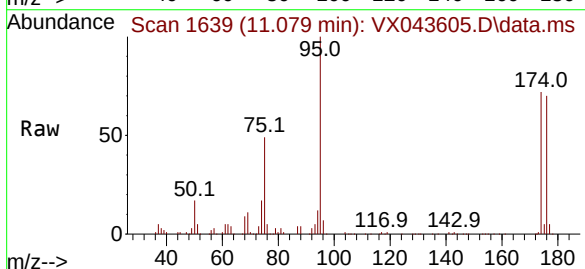
Acq: 29 Oct 2024 18:20

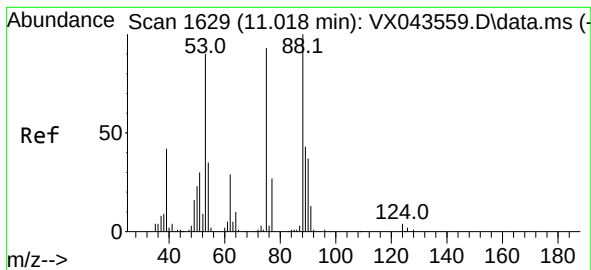
Tgt Ion: 75 Resp: 49421

Ion Ratio Lower Upper

75 100

77 1.2 22.4 67.2#





#81

trans-1,4-Dichloro-2-butene

Concen: 64.863 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX043605.D

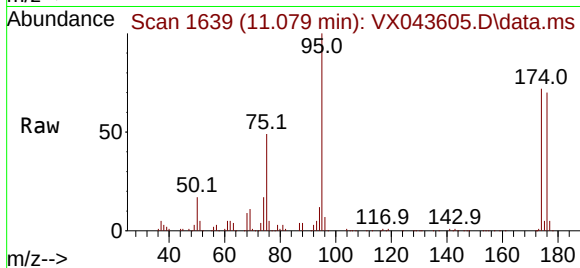
Acq: 29 Oct 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190-GW-518-520



Tgt Ion: 75 Resp: 49421

Ion Ratio Lower Upper

75 100

53 0.0 84.6 126.8#

89 0.0 38.6 58.0#

