

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044446.D
 Acq On : 20 Dec 2024 12:49
 Operator : JC/MD
 Sample : P5314-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190A-GW-698-700

Quant Time: Dec 20 14:08:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

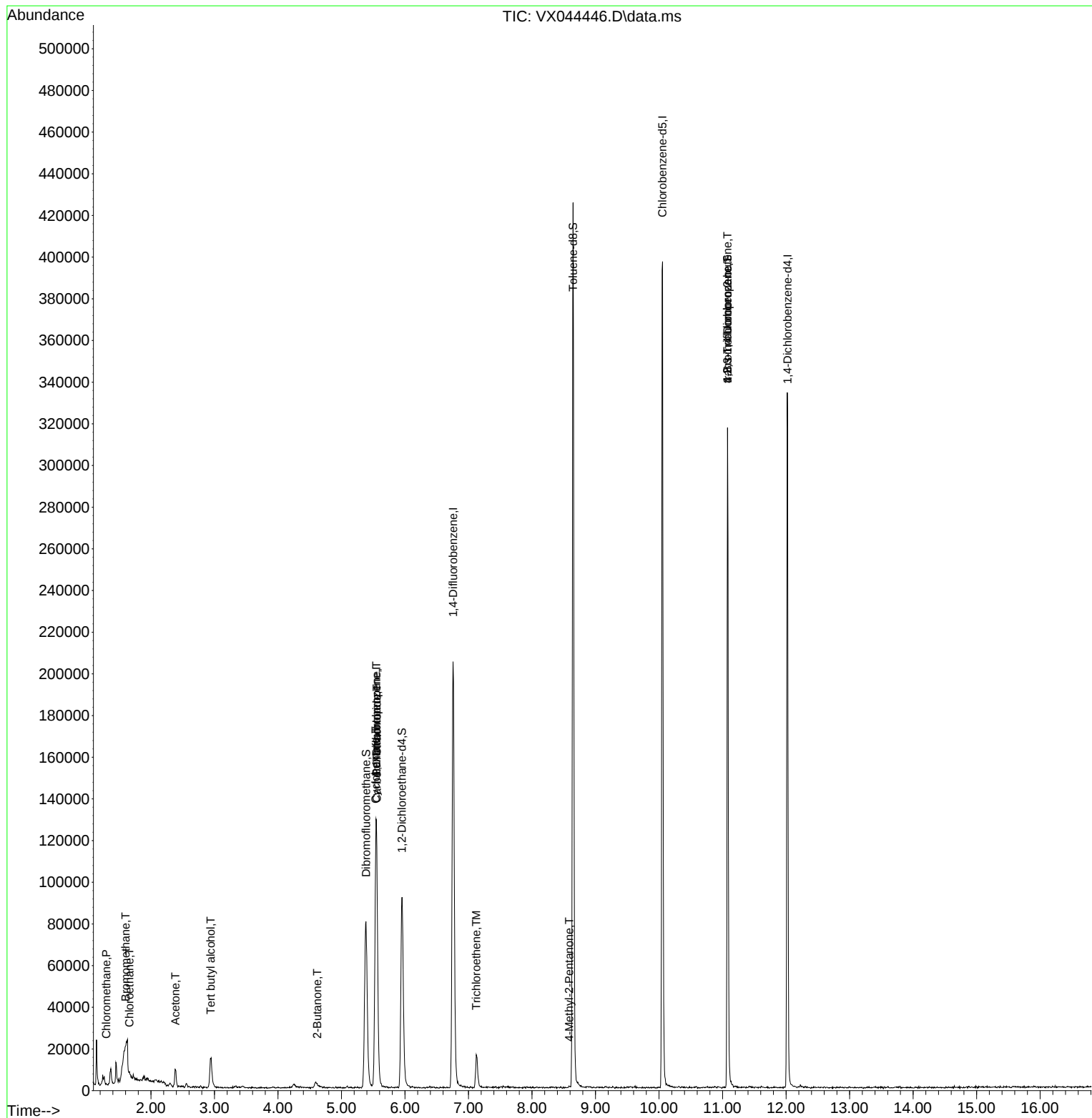
Internal Standards						
1) Pentafluorobenzene	5.550	168	121735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	211457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90187	42.254	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.500%
35) Dibromofluoromethane	5.385	113	68986	47.104	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.200%
50) Toluene-d8	8.647	98	252545	51.113	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.220%
62) 4-Bromofluorobenzene	11.079	95	79964	46.316	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.640%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	487	0.271	ug/l	89
5) Bromomethane	1.599	94	660	0.496	ug/l #	48
6) Chloroethane	1.660	64	390	0.334	ug/l #	41
11) Tert butyl alcohol	2.940	59	9223	30.660	ug/l #	72
16) Acetone	2.386	43	9498	10.915	ug/l	98
25) 2-Butanone	4.617	43	2159	1.745	ug/l	99
31) Cyclohexane	5.537	56	2969	1.289	ug/l #	52
36) 1,1-Dichloropropene	5.550	75	10154	5.364	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13010	6.383	ug/l #	17
44) Trichloroethene	7.122	130	6238	4.352	ug/l	93
51) 4-Methyl-2-Pentanone	8.586	43	575	0.245	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	43960	28.457	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	43960	78.025	ug/l #	4

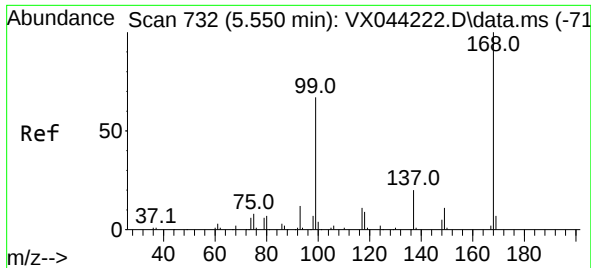
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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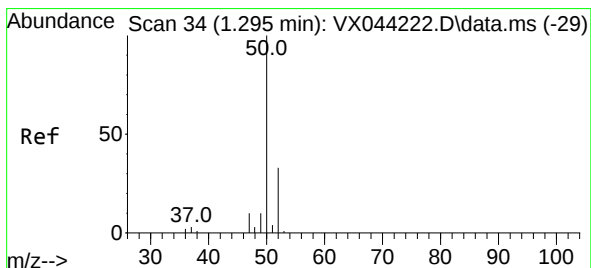
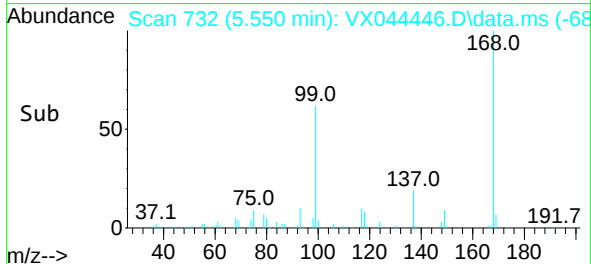
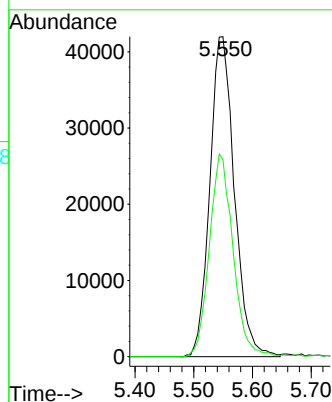
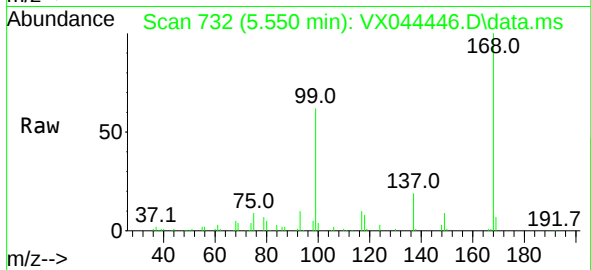




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

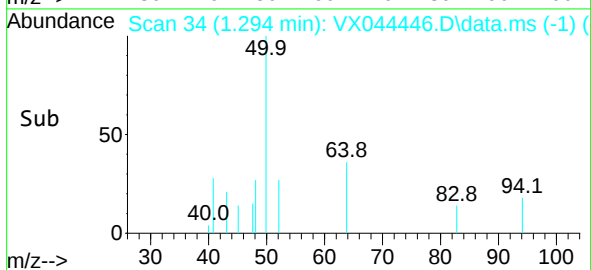
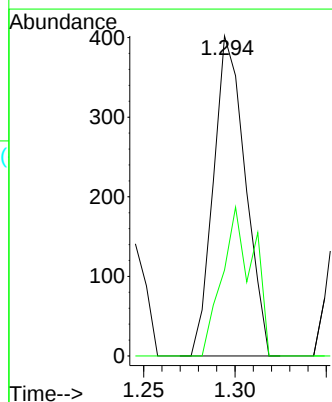
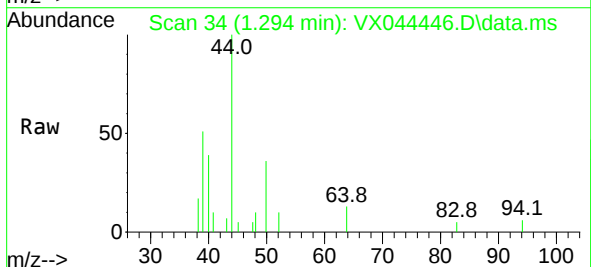
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-698-700

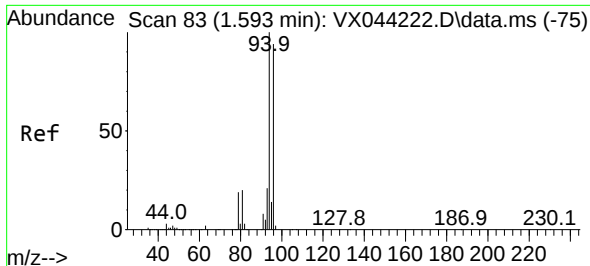
Tgt Ion:168 Resp: 121735
Ion Ratio Lower Upper
168 100
99 61.7 53.4 80.0



#3
Chloromethane
Concen: 0.271 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

Tgt Ion: 50 Resp: 487
Ion Ratio Lower Upper
50 100
52 26.9 26.5 39.7

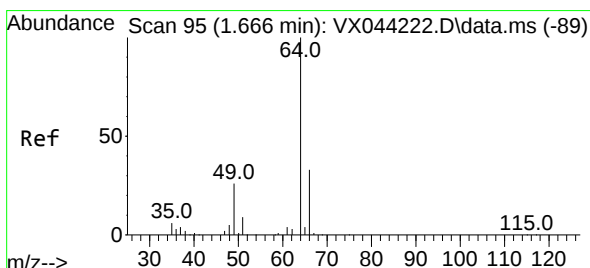
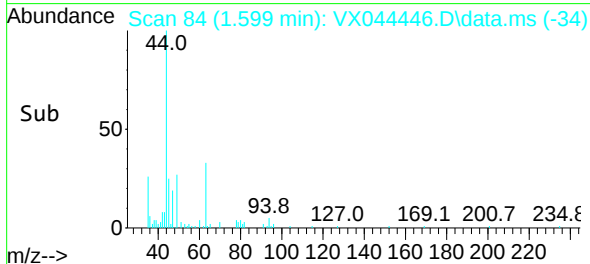
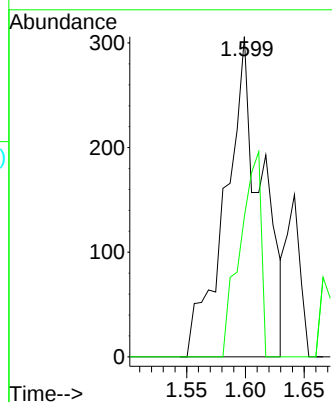
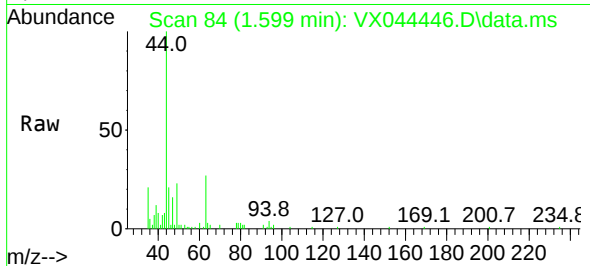




#5
Bromomethane
Concen: 0.496 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

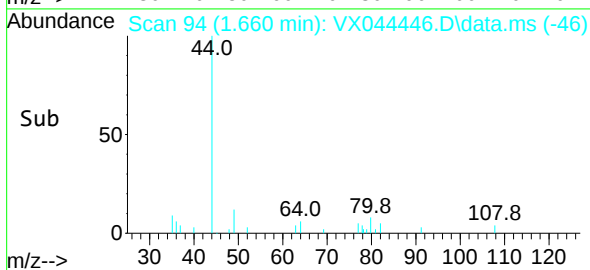
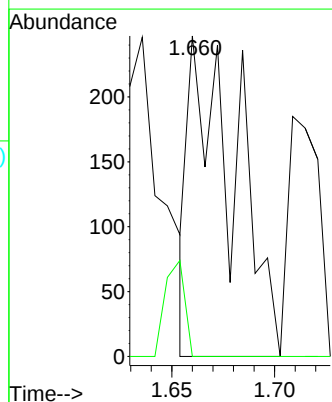
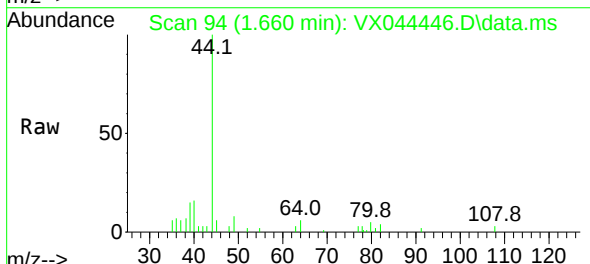
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-698-700

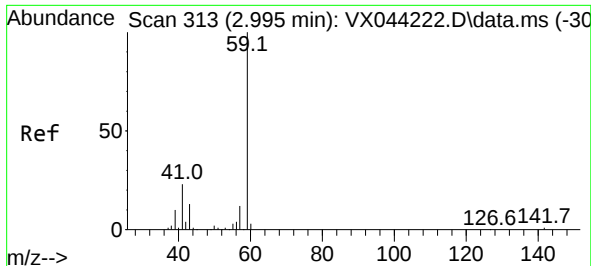
Tgt Ion: 94 Resp: 660
Ion Ratio Lower Upper
94 100
96 43.8 74.9 112.3#



#6
Chloroethane
Concen: 0.334 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

Tgt Ion: 64 Resp: 390
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: 30.660 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.055 min

Lab File: VX044446.D

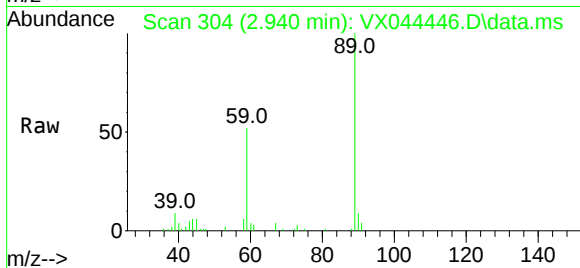
Acq: 20 Dec 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190A-GW-698-700

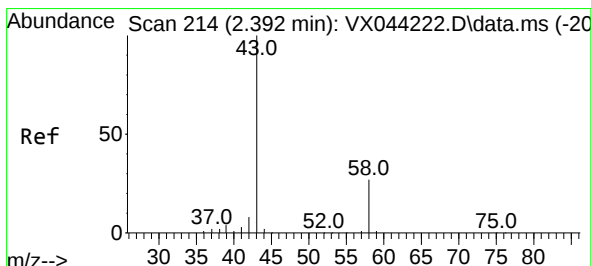
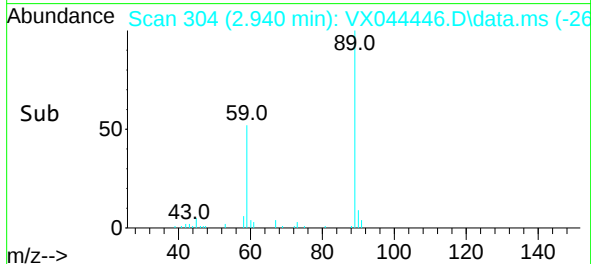
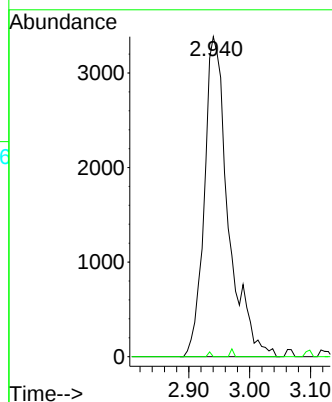


Tgt Ion: 59 Resp: 9223

Ion Ratio Lower Upper

59 100

57 0.2 8.8 13.2#



#16

Acetone

Concen: 10.915 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX044446.D

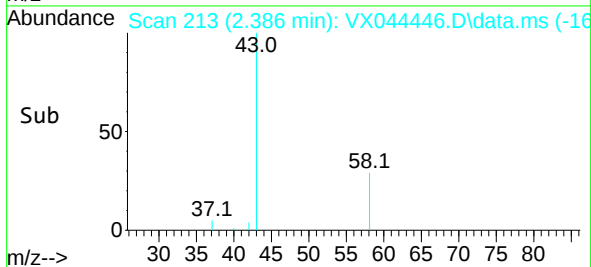
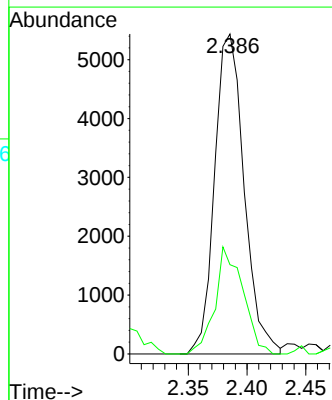
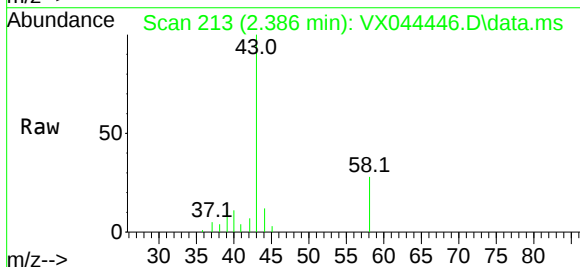
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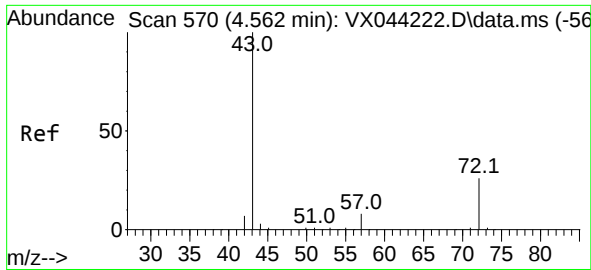
Tgt Ion: 43 Resp: 9498

Ion Ratio Lower Upper

43 100

58 27.9 21.6 32.4

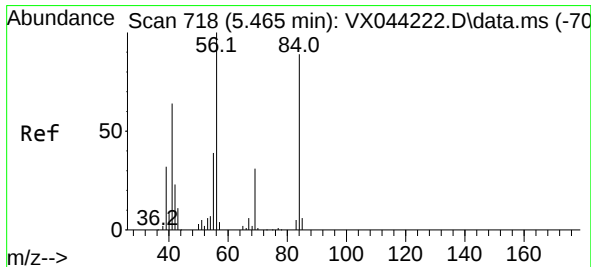
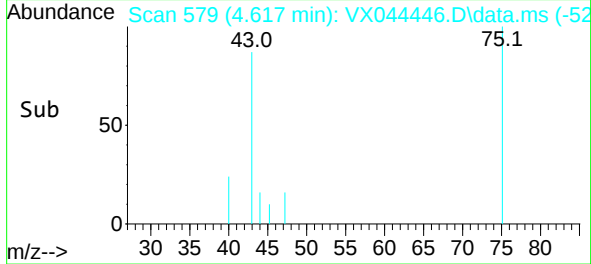
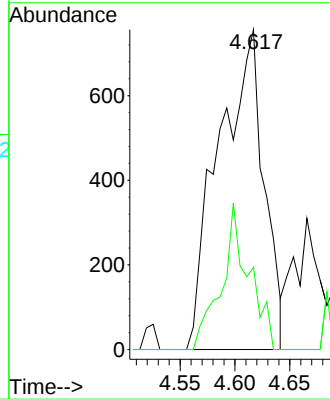
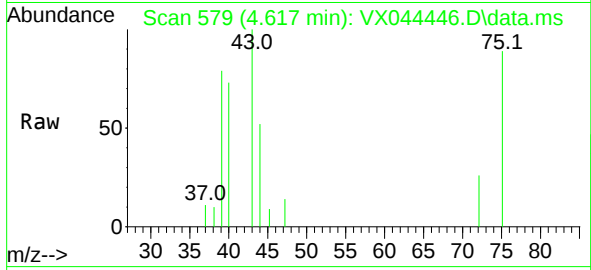




#25
2-Butanone
Concen: 1.745 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

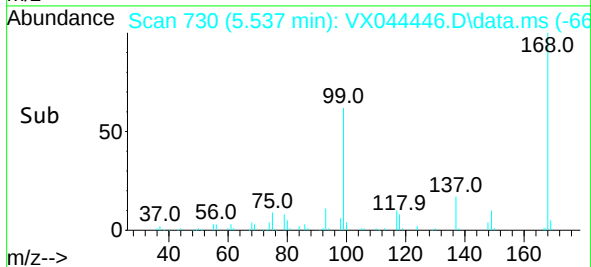
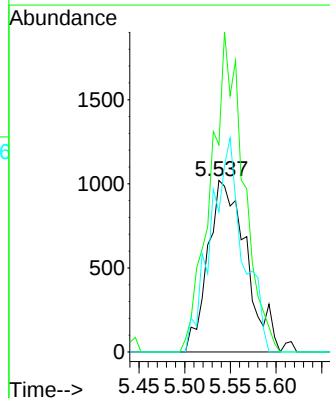
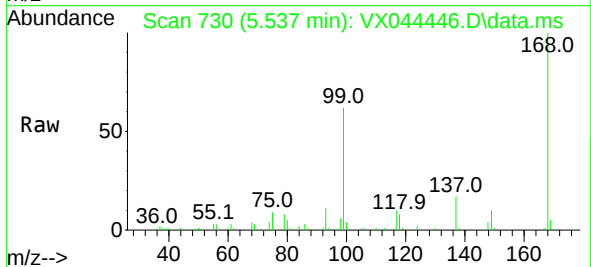
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-698-700

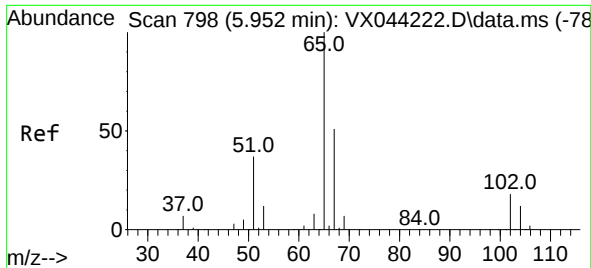
Tgt Ion: 43 Resp: 2159
Ion Ratio Lower Upper
43 100
72 25.7 20.2 30.4



#31
Cyclohexane
Concen: 1.289 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

Tgt Ion: 56 Resp: 2969
Ion Ratio Lower Upper
56 100
69 120.8 24.7 37.1#
84 81.7 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 42.254 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044446.D

Acq: 20 Dec 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

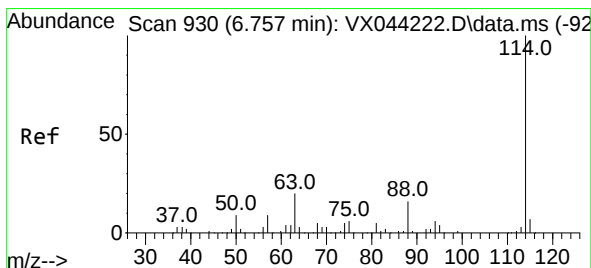
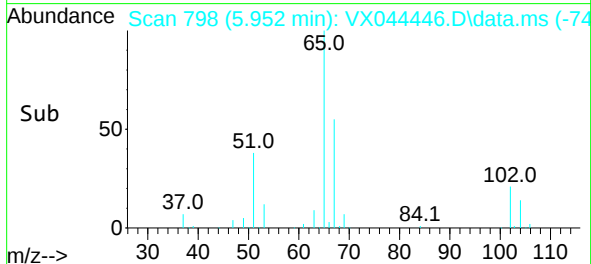
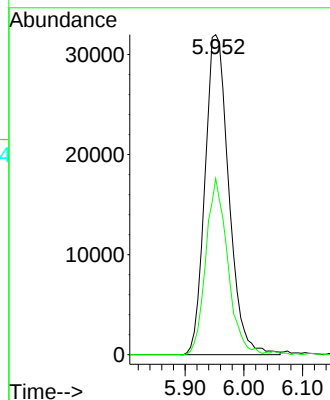
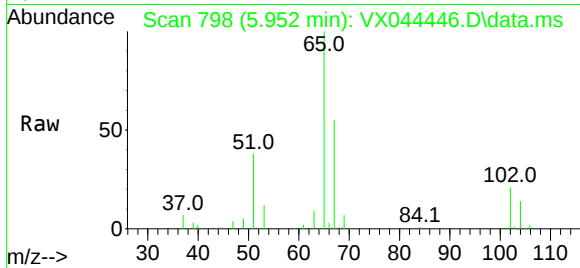
BP-VPB-190A-GW-698-700

Tgt Ion: 65 Resp: 90187

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044446.D

Acq: 20 Dec 2024 12:49

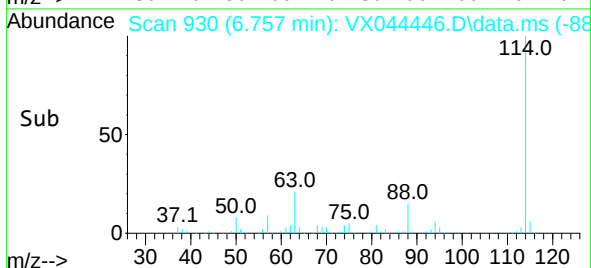
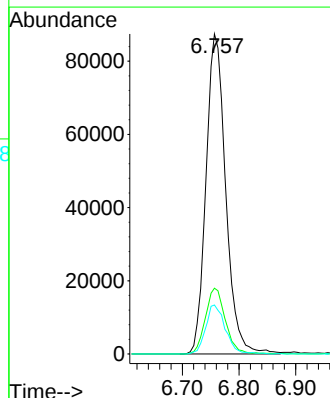
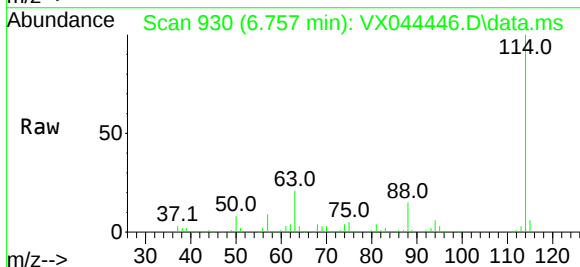
Tgt Ion: 114 Resp: 211457

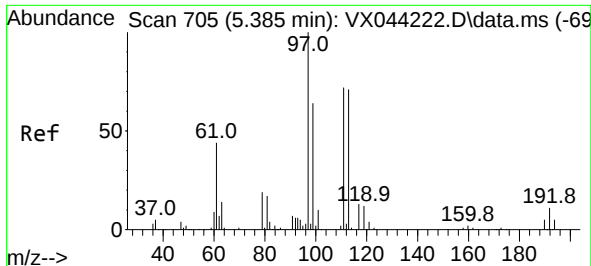
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

88 15.3 0.0 31.8

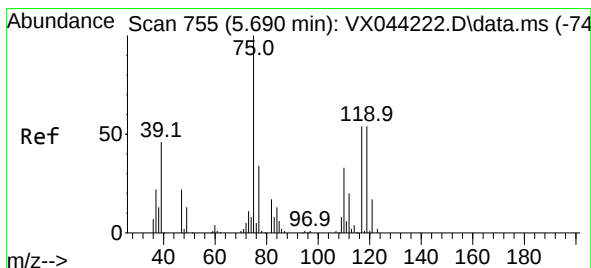
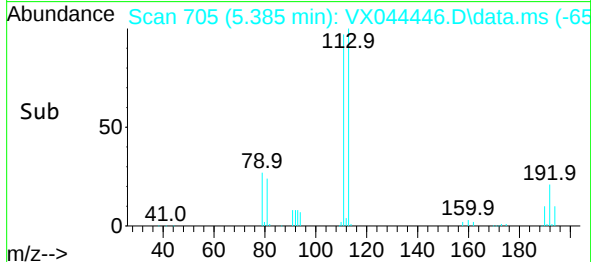
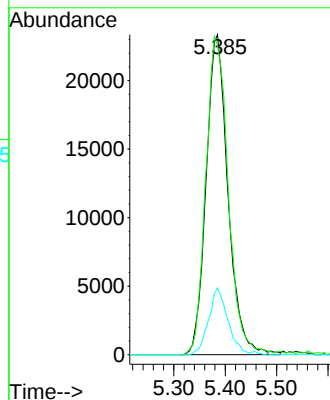
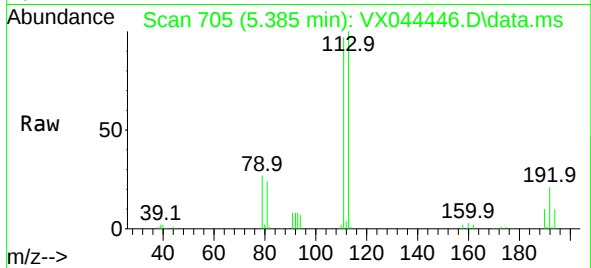




#35
Dibromofluoromethane
Concen: 47.104 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

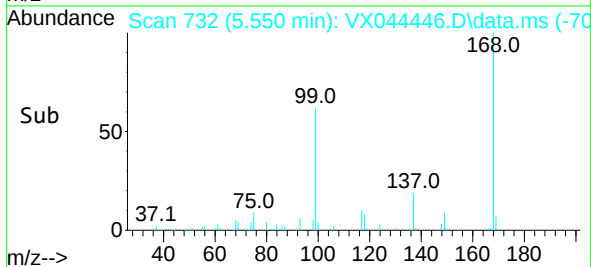
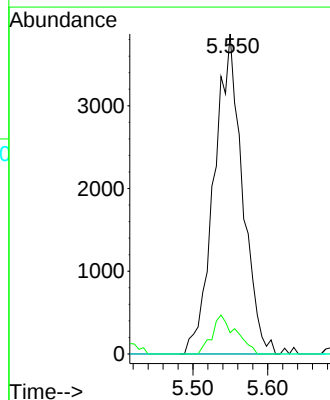
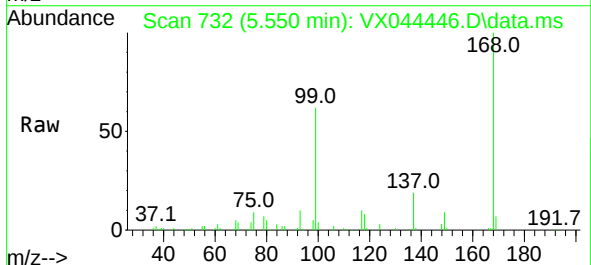
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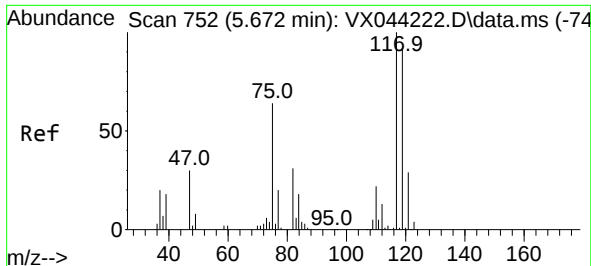
Tgt Ion:113 Resp: 68986
Ion Ratio Lower Upper
113 100
111 102.2 80.4 120.6
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.364 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

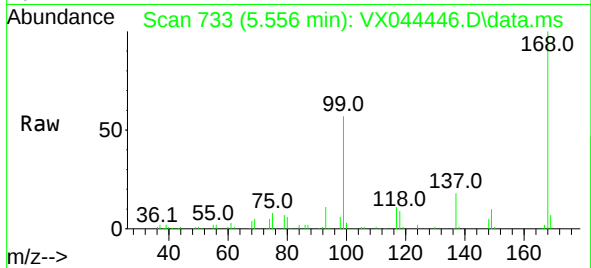
Tgt Ion: 75 Resp: 10154
Ion Ratio Lower Upper
75 100
110 10.3 17.3 51.7#
77 0.0 25.4 38.0#



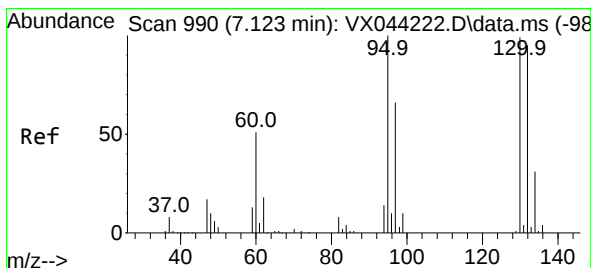
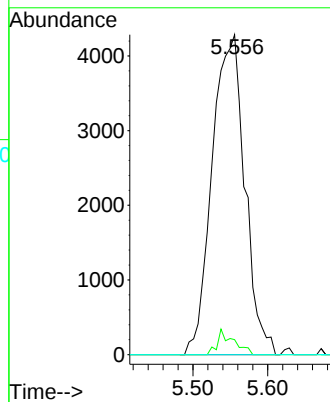
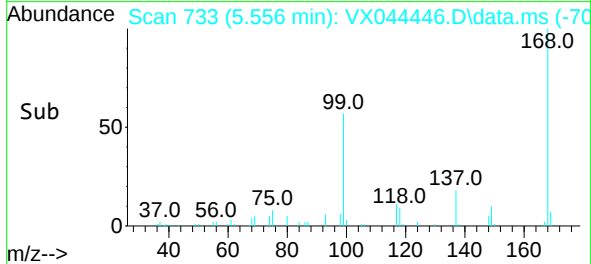


#38
Carbon Tetrachloride
Concen: 6.383 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-698-700

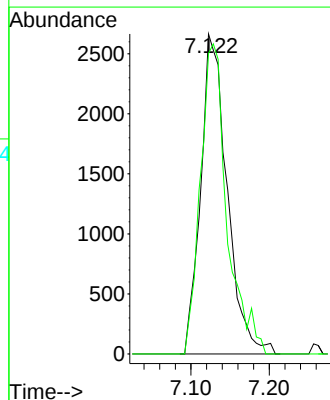
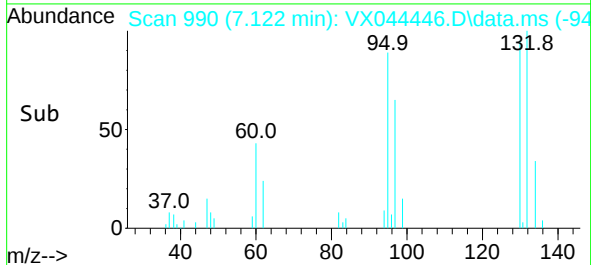
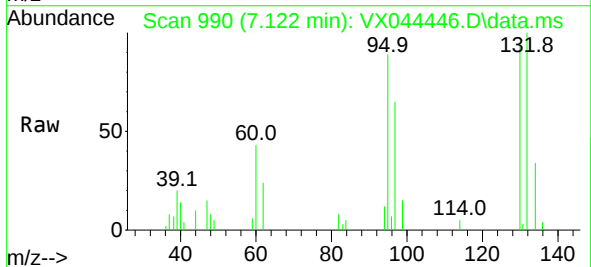


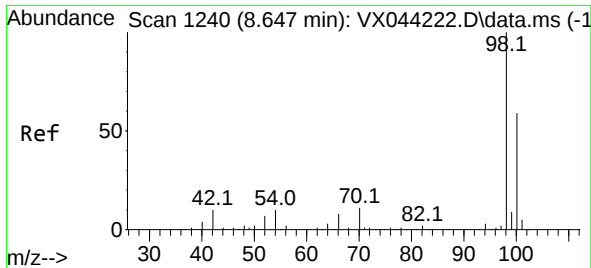
Tgt Ion:117 Resp: 13010
Ion Ratio Lower Upper
117 100
119 4.7 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 4.352 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

Tgt Ion:130 Resp: 6238
Ion Ratio Lower Upper
130 100
95 93.9 0.0 201.4

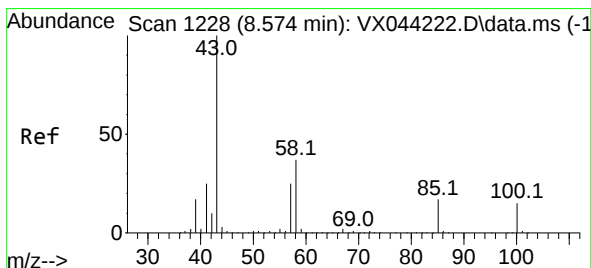
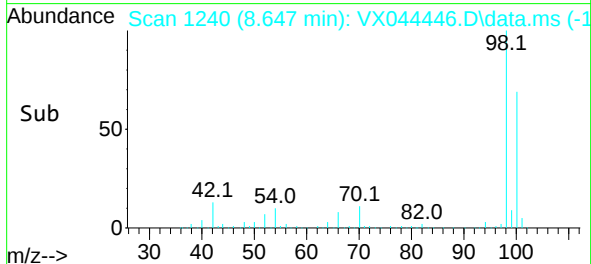
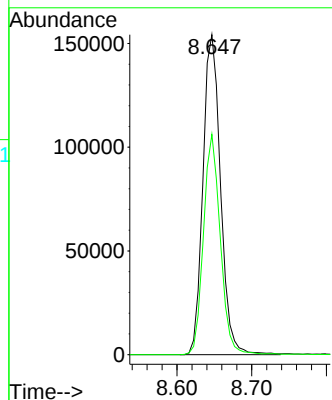
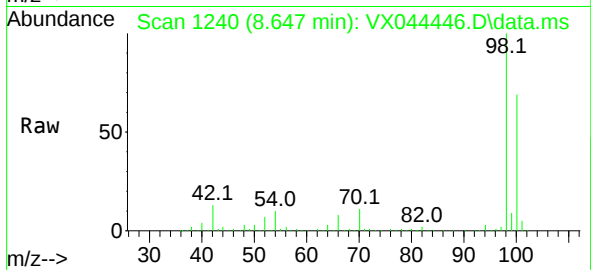




#50
Toluene-d8
Concen: 51.113 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

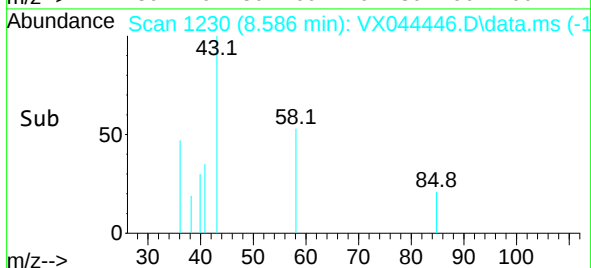
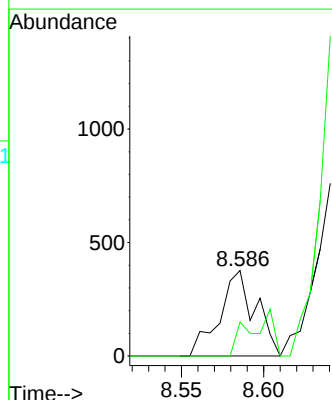
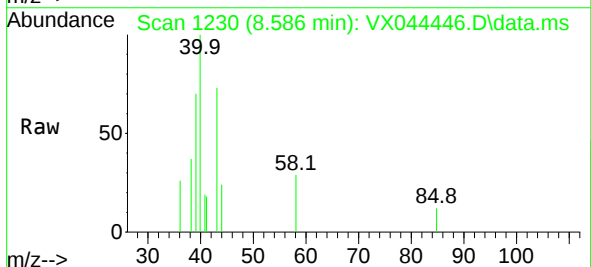
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-698-700

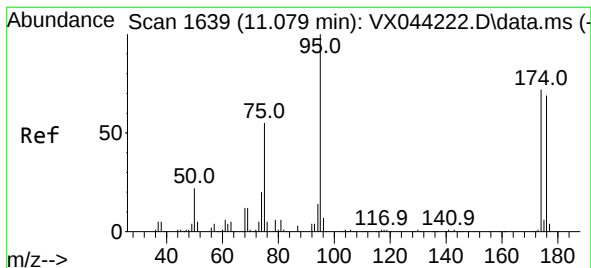
Tgt Ion: 98 Resp: 252545
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.245 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
58 35.3 29.4 44.0

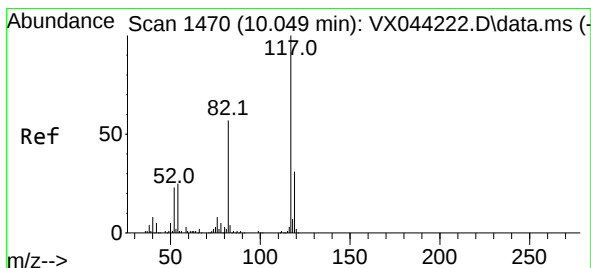
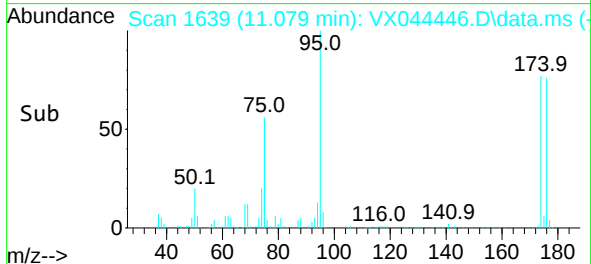
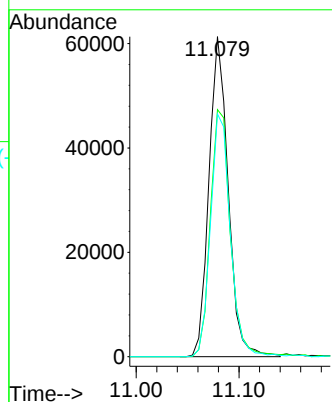
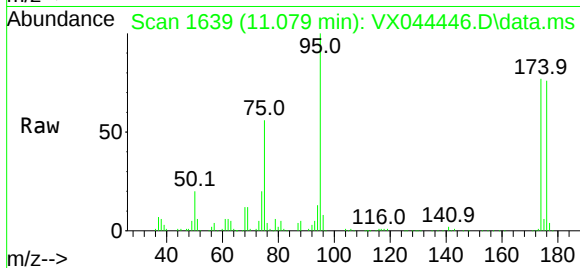




#62
4-Bromofluorobenzene
Concen: 46.316 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

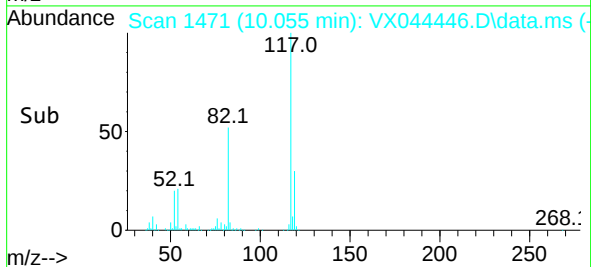
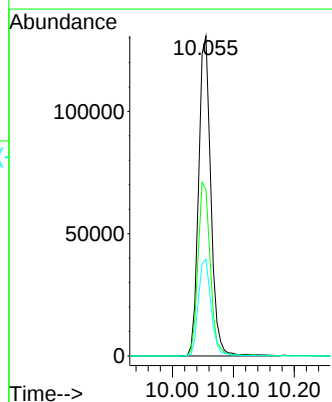
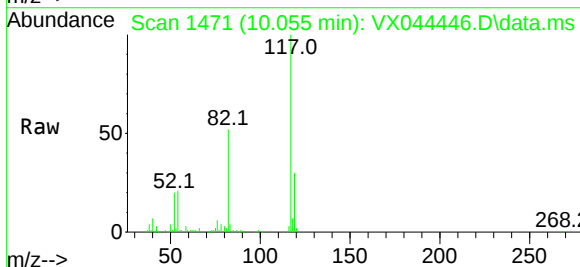
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-698-700

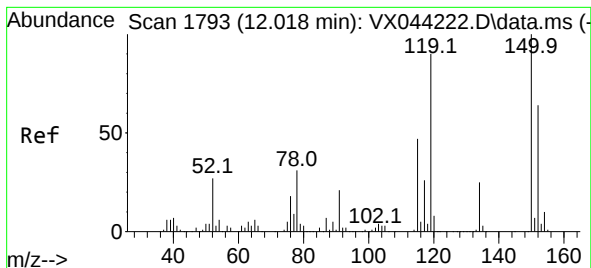
Tgt Ion: 95 Resp: 79964
Ion Ratio Lower Upper
95 100
174 81.0 0.0 145.8
176 78.0 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

Tgt Ion: 117 Resp: 182367
Ion Ratio Lower Upper
117 100
82 51.9 45.8 68.8
119 30.2 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044446.D

Acq: 20 Dec 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190A-GW-698-700

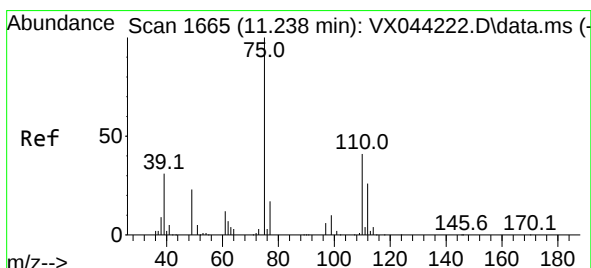
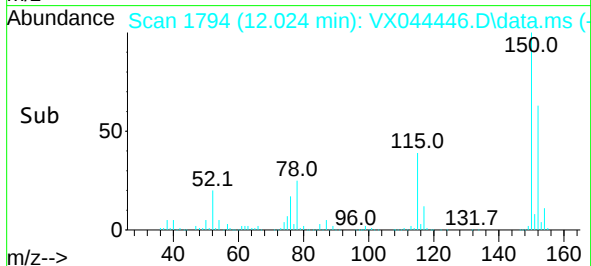
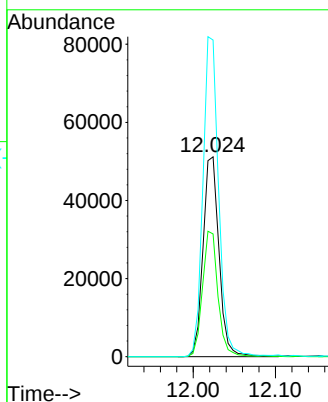
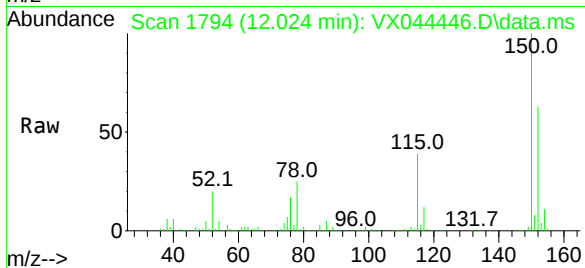
Tgt Ion:152 Resp: 69187

Ion Ratio Lower Upper

152 100

115 60.7 44.5 133.3

150 157.7 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 28.457 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044446.D

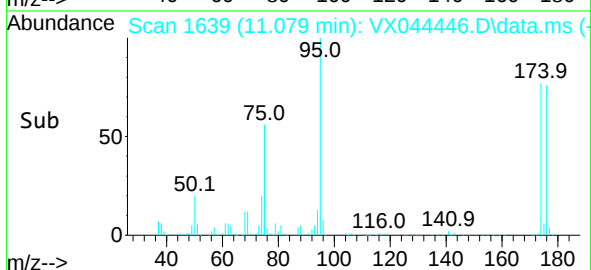
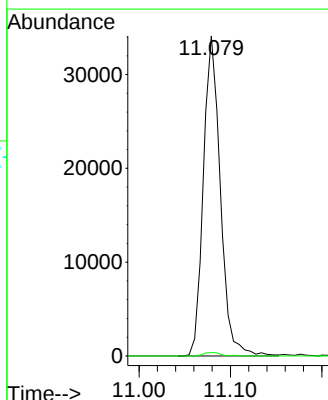
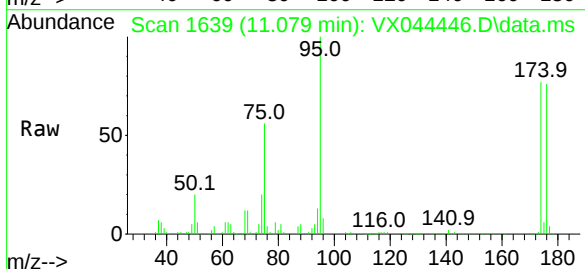
Acq: 20 Dec 2024 12:49

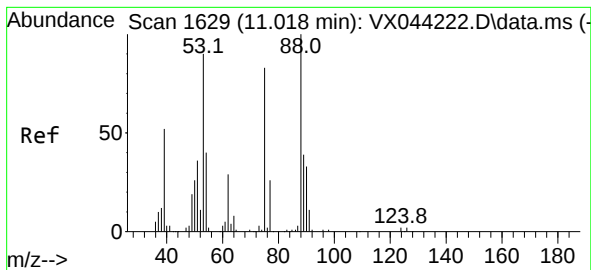
Tgt Ion: 75 Resp: 43960

Ion Ratio Lower Upper

75 100

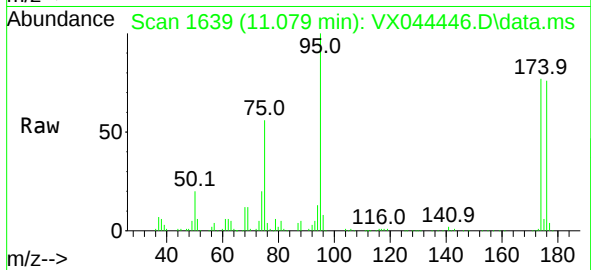
77 1.1 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.025 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044446.D
 Acq: 20 Dec 2024 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190A-GW-698-700



Tgt Ion: 75 Resp: 43960
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

