

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043629.D
 Acq On : 30 Oct 2024 17:07
 Operator : JC/MD
 Sample : PB164501ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB164501ZHE#07

Quant Time: Oct 31 23:02:01 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)

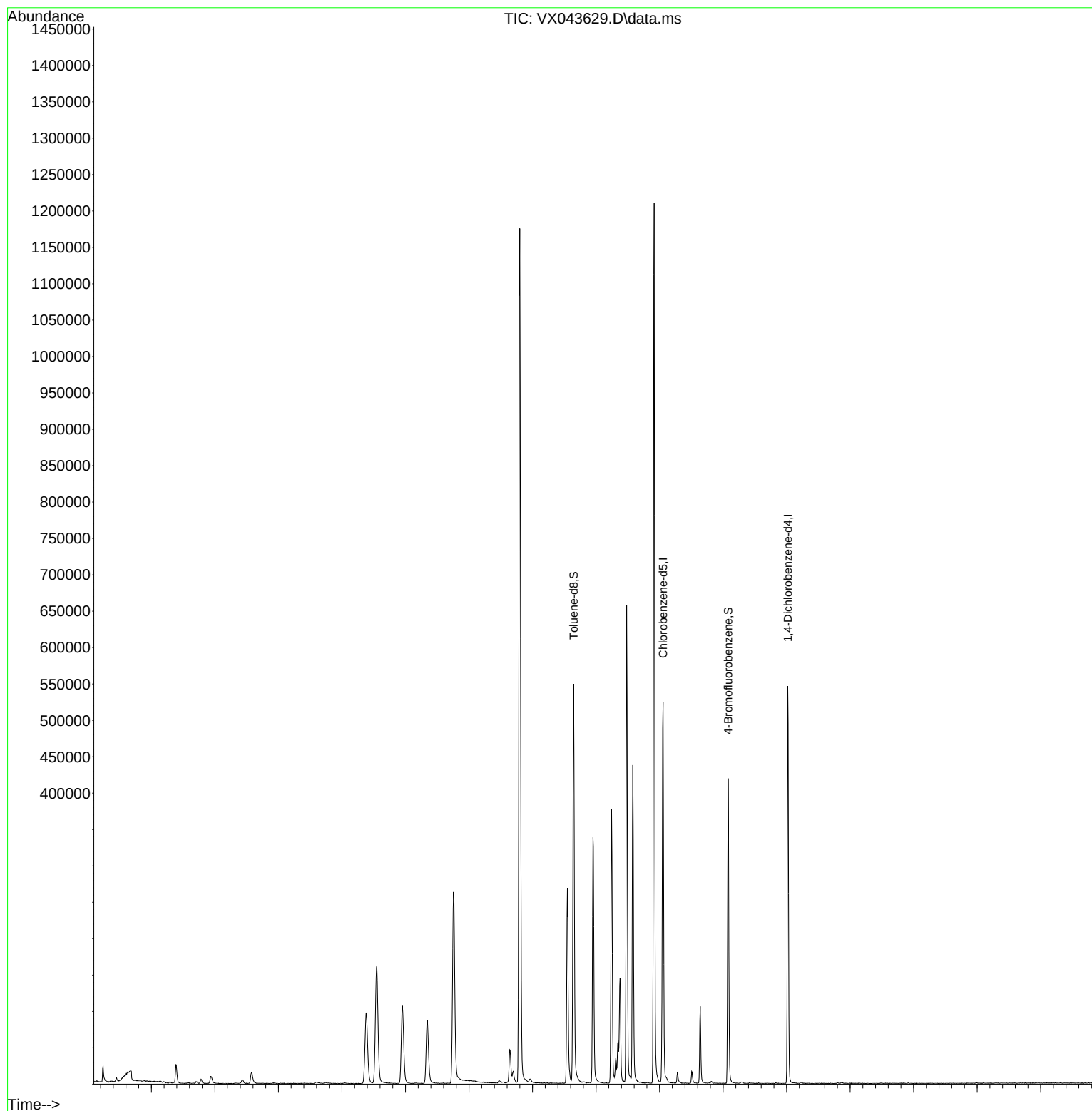
Internal Standards						
1) Pentafluorobenzene	5.550	168	159705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	294740	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105180	41.303	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.600%
35) Dibromofluoromethane	5.385	113	89153	44.607	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.220%
50) Toluene-d8	8.647	98	340114	49.160	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.079	95	118467	46.210	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.420%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	29298	28.972	ug/l	93
18) Methyl Acetate	2.703	43	3830	1.296	ug/l #	86
20) Methylene Chloride	2.788	84	2805	1.287	ug/l #	79
43) Isopropyl Acetate	6.342	43	122704	25.788	ug/l	98

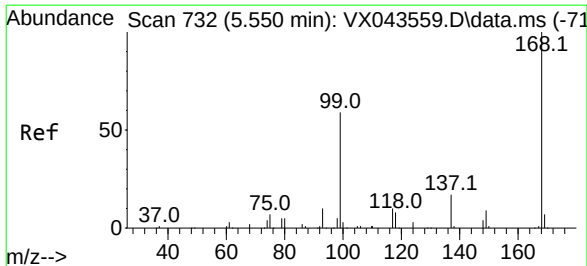
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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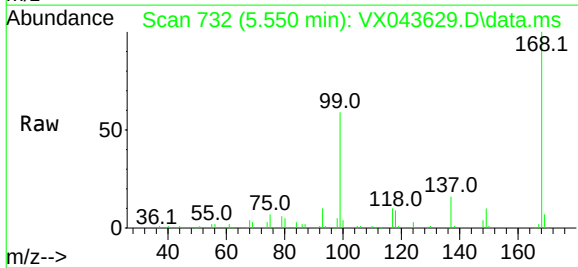
Quant Time: Oct 31 23:02:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration



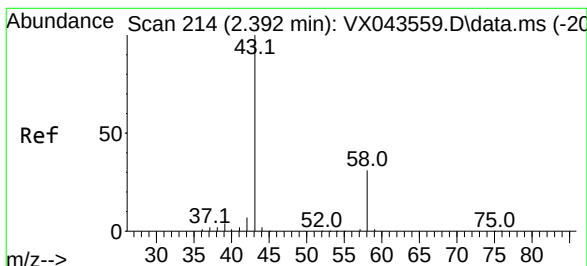
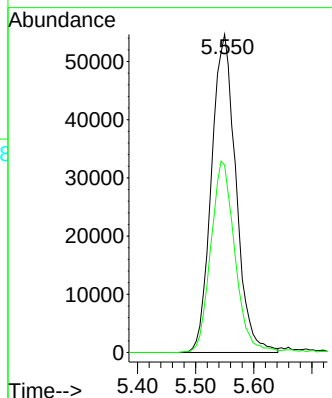
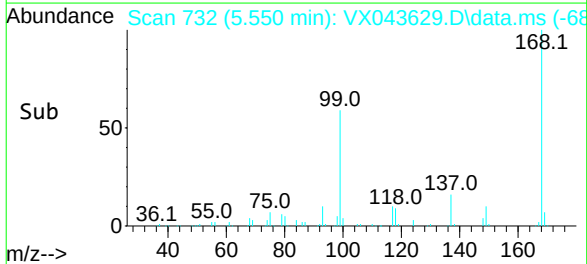


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043629.D
Acq: 30 Oct 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#07

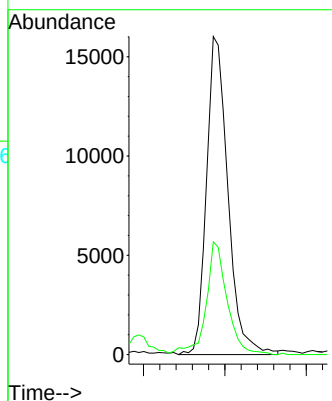
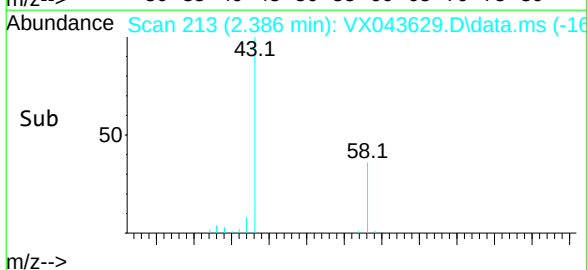
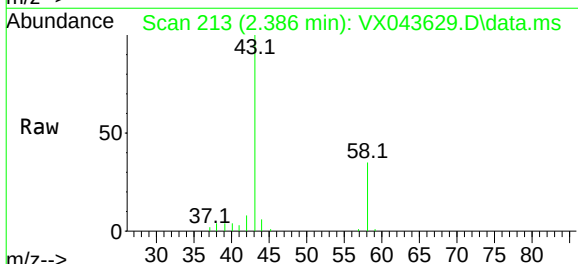


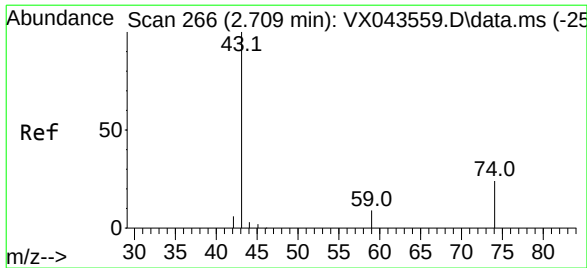
Tgt Ion:168 Resp: 159705
Ion Ratio Lower Upper
168 100
99 58.9 52.6 78.8



#16
Acetone
Concen: 28.972 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX043629.D
Acq: 30 Oct 2024 17:07

Tgt Ion: 43 Resp: 29298
Ion Ratio Lower Upper
43 100
58 35.5 25.1 37.7

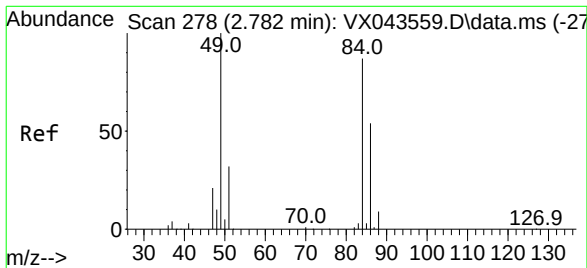
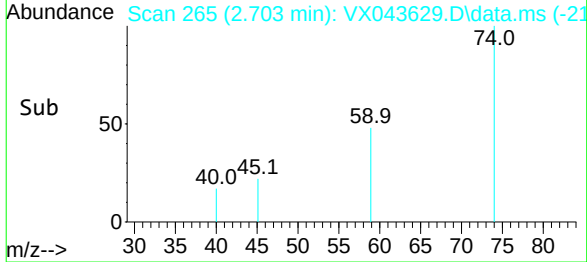
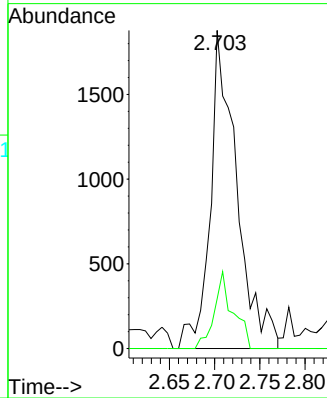
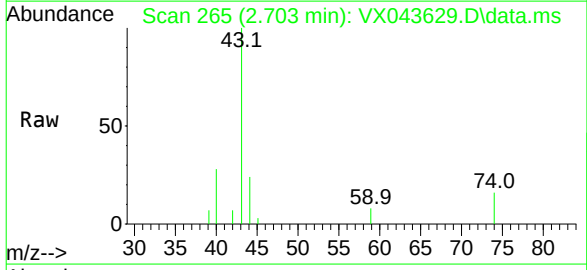




#18
Methyl Acetate
Concen: 1.296 ug/l
RT: 2.703 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX043629.D
Acq: 30 Oct 2024 17:07

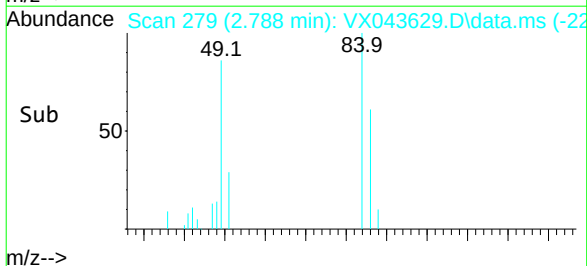
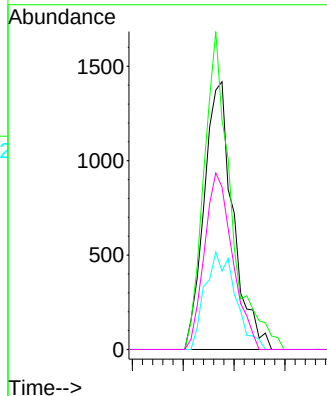
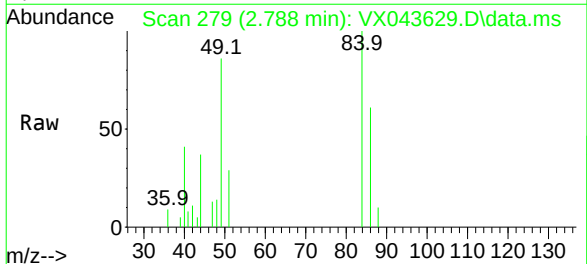
Instrument : MSVOA_X
ClientSampleId : PB164501ZHE#07

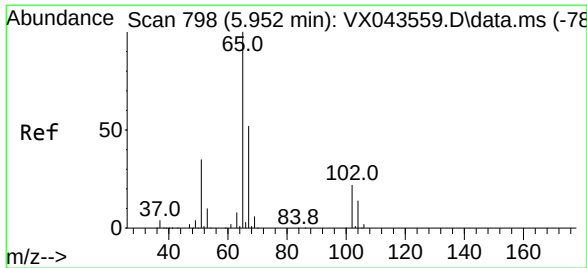
Tgt Ion: 43 Resp: 3830
Ion Ratio Lower Upper
43 100
74 17.0 19.1 28.7#



#20
Methylene Chloride
Concen: 1.287 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX043629.D
Acq: 30 Oct 2024 17:07

Tgt Ion: 84 Resp: 2805
Ion Ratio Lower Upper
84 100
49 85.8 97.0 145.6#
51 29.3 29.8 44.8#
86 60.7 53.1 79.7

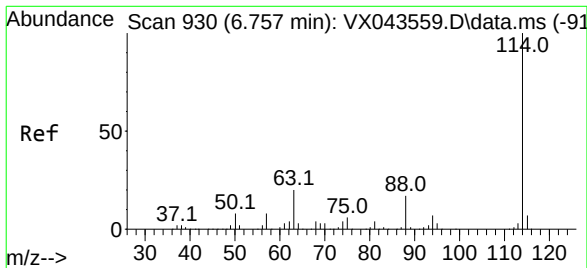
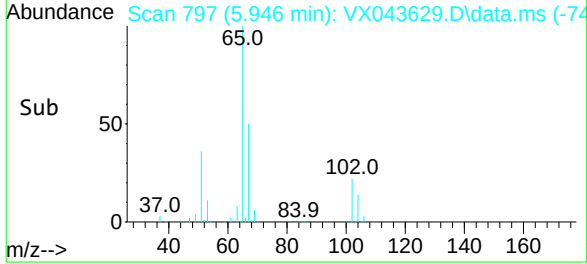
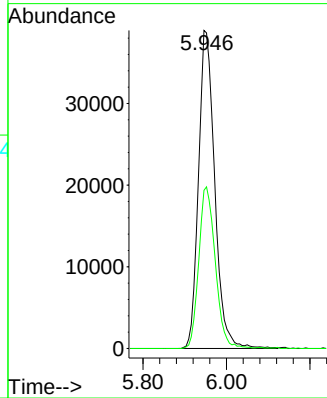
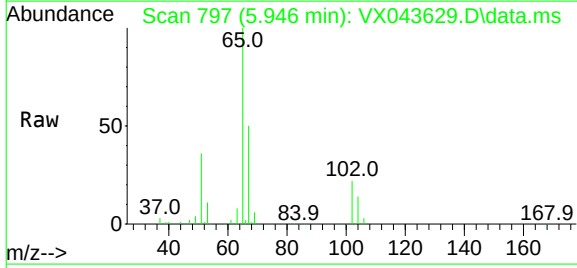




#33
1,2-Dichloroethane-d4
Concen: 41.303 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX043629.D
Acq: 30 Oct 2024 17:07

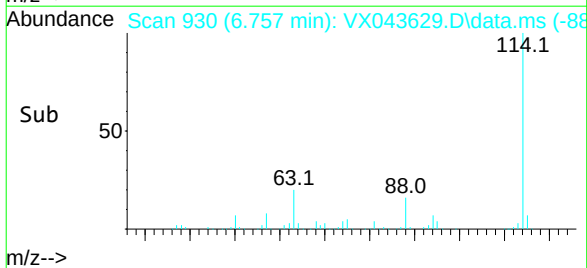
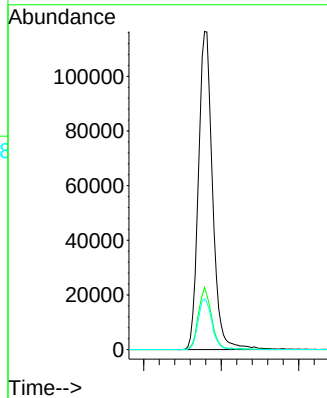
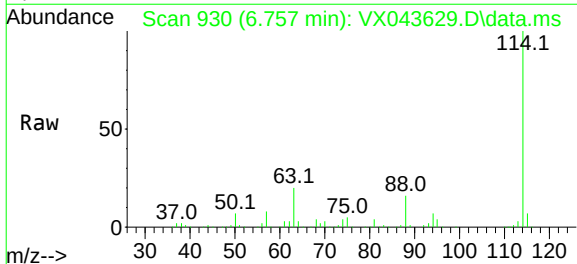
Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#07

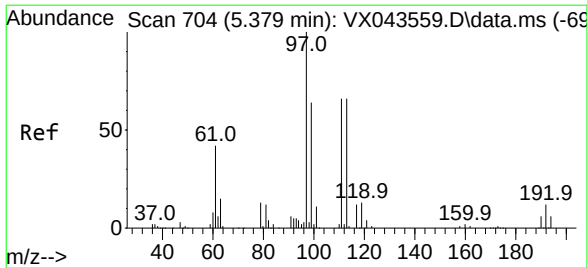
Tgt Ion: 65 Resp: 105180
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043629.D
Acq: 30 Oct 2024 17:07

Tgt Ion: 114 Resp: 294740
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.2
88 16.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 44.607 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX043629.D

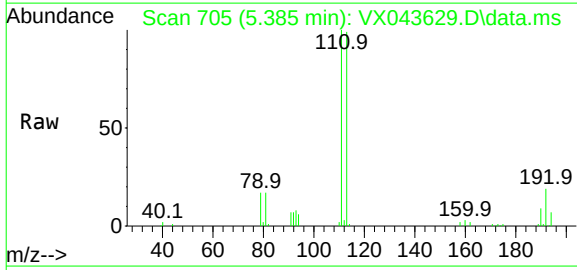
Acq: 30 Oct 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

PB164501ZHE#07



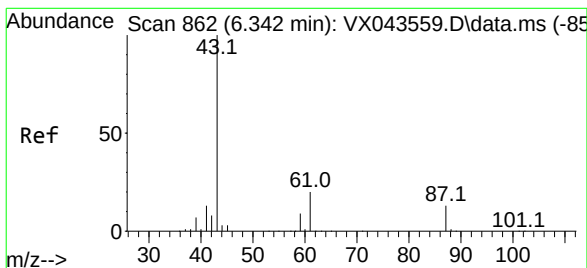
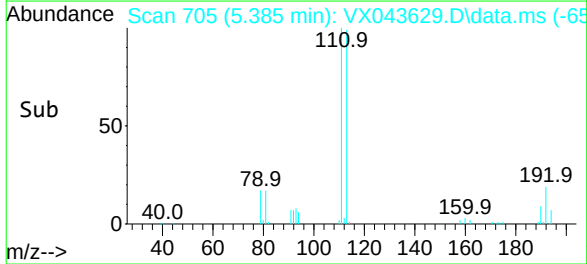
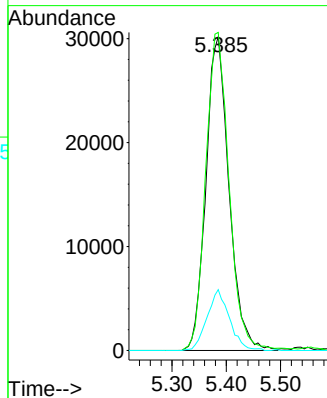
Tgt Ion: 113 Resp: 89153

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.8 14.1 21.1



#43

Isopropyl Acetate

Concen: 25.788 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX043629.D

Acq: 30 Oct 2024 17:07

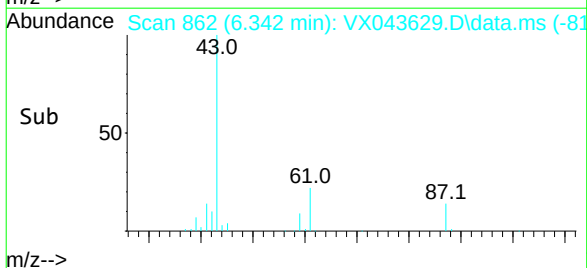
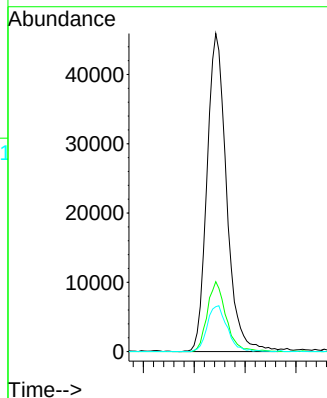
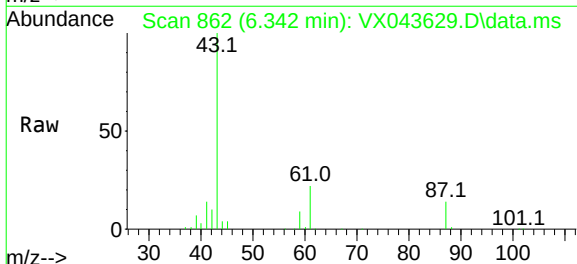
Tgt Ion: 43 Resp: 122704

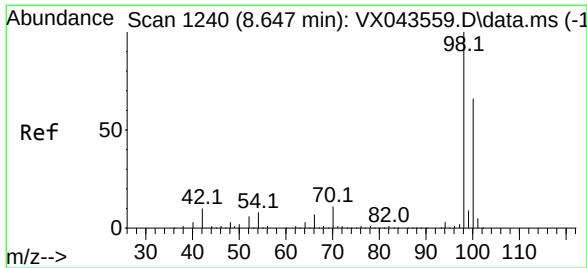
Ion Ratio Lower Upper

43 100

61 21.1 16.2 24.4

87 14.8 11.0 16.6





#50

Toluene-d8

Concen: 49.160 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX043629.D

Acq: 30 Oct 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

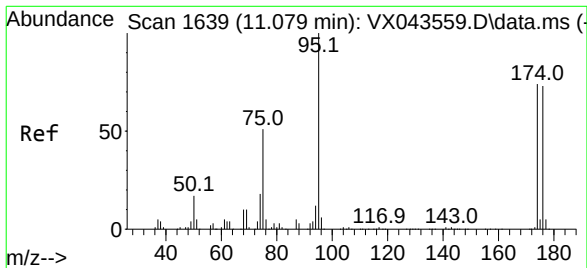
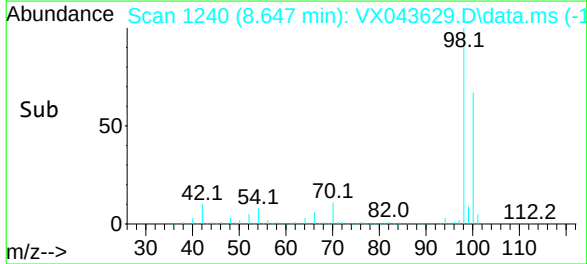
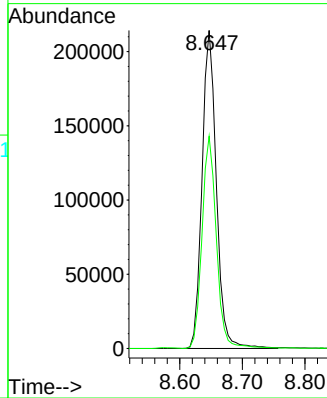
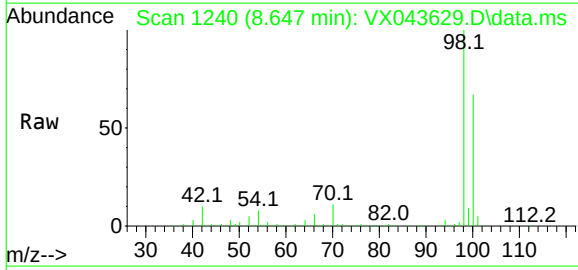
PB164501ZHE#07

Tgt Ion: 98 Resp: 340114

Ion Ratio Lower Upper

98 100

100 66.8 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 46.210 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043629.D

Acq: 30 Oct 2024 17:07

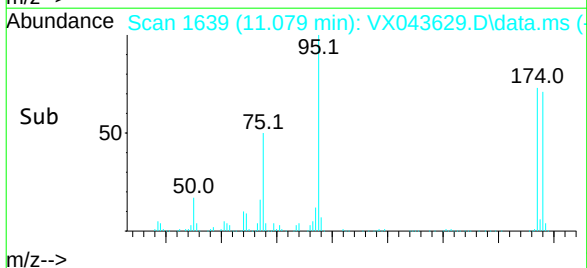
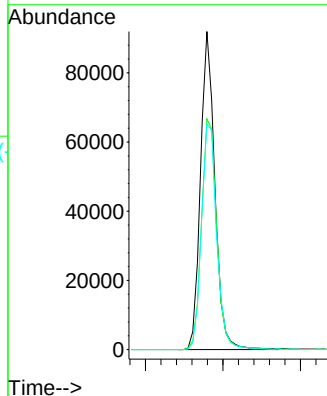
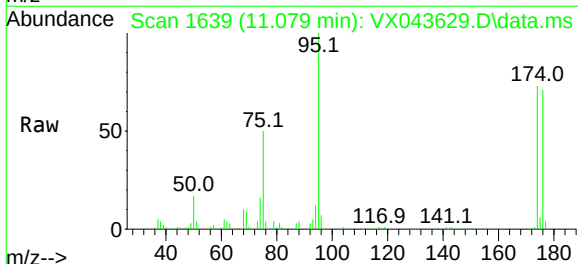
Tgt Ion: 95 Resp: 118467

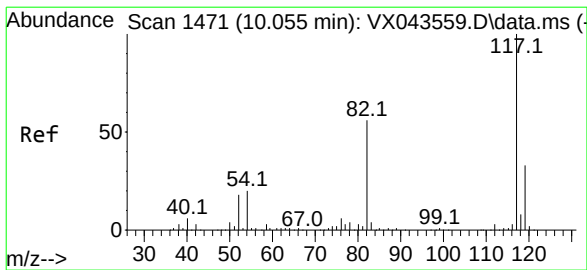
Ion Ratio Lower Upper

95 100

174 77.2 0.0 146.6

176 75.2 0.0 139.6

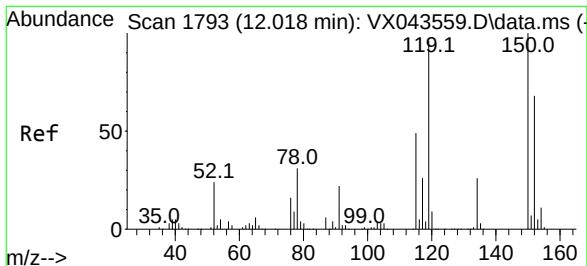
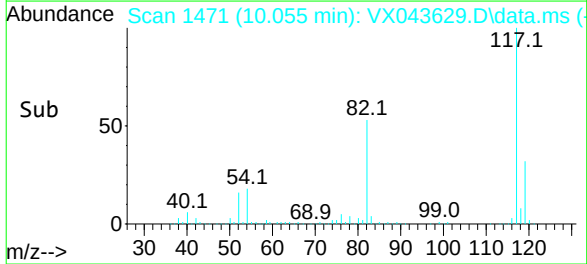
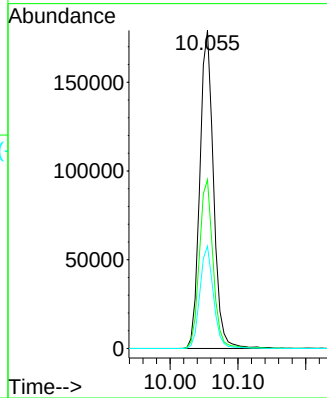
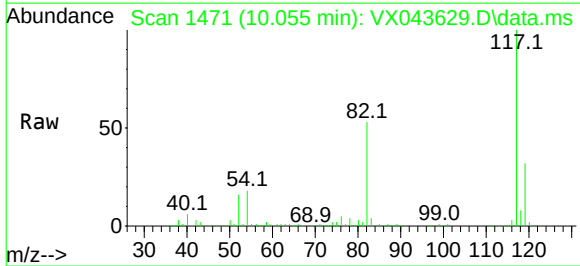




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043629.D
Acq: 30 Oct 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#07

Tgt Ion:117 Resp: 251397
Ion Ratio Lower Upper
117 100
82 53.1 42.1 63.1
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX043629.D
Acq: 30 Oct 2024 17:07

Tgt Ion:152 Resp: 116547
Ion Ratio Lower Upper
152 100
115 61.1 42.9 128.7
150 159.8 0.0 343.6

