

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
 Data File : VX045162.D
 Acq On : 06 Mar 2025 12:46
 Operator : JC/MD
 Sample : Q1501-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-05-465-030525

Quant Time: Mar 07 00:40:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

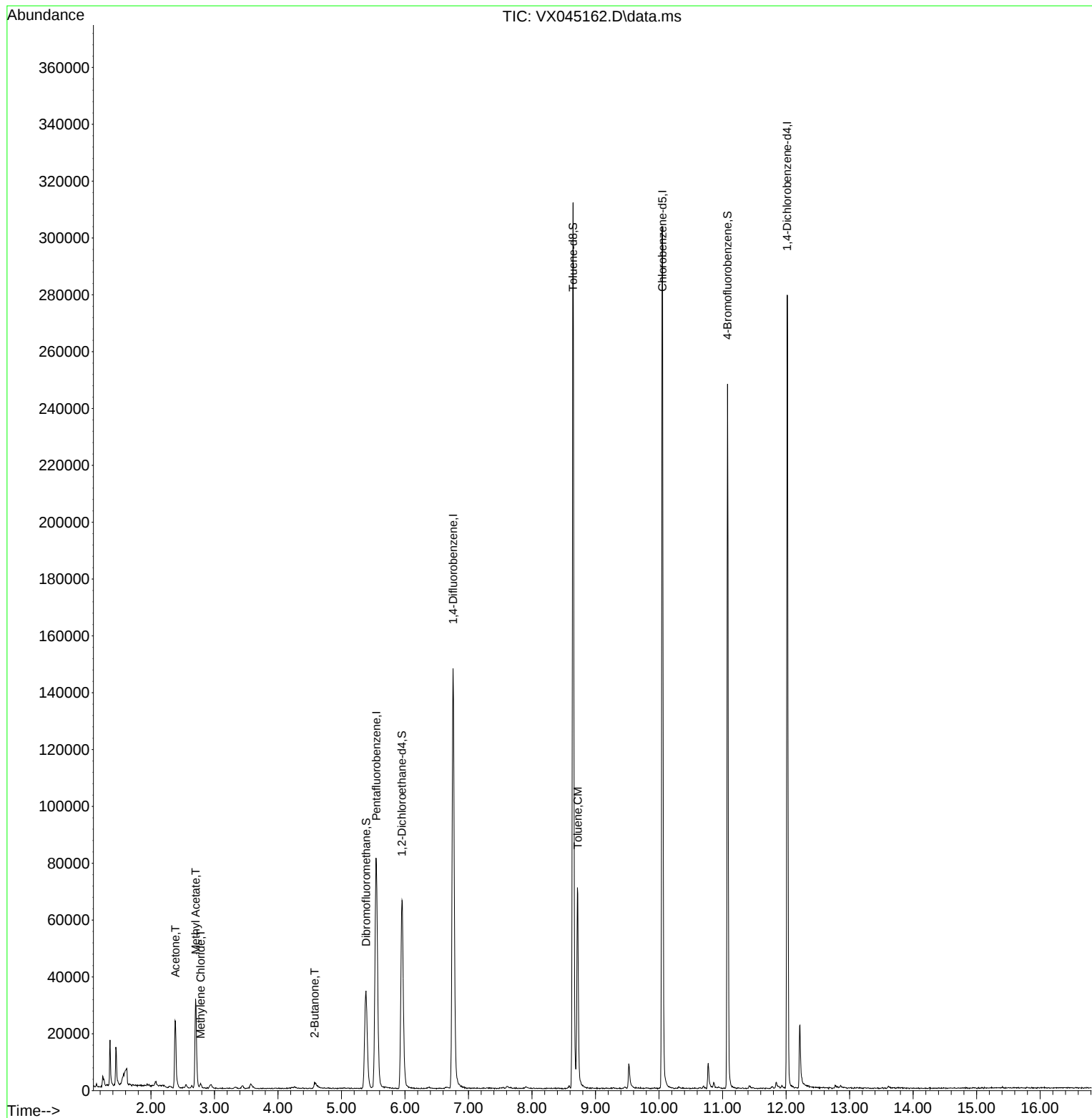
Internal Standards						
1) Pentafluorobenzene	5.549	168	75251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63460	53.017	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.040%	
35) Dibromofluoromethane	5.385	113	30932	31.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 62.460%#	
50) Toluene-d8	8.646	98	184959	51.504	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	11.079	95	61883	52.003	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.000%	
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	26153	47.092	ug/l	94
18) Methyl Acetate	2.702	43	37730	28.241	ug/l	100
20) Methylene Chloride	2.782	84	625	0.568	ug/l #	72
25) 2-Butanone	4.574	43	4764	5.699	ug/l #	85
52) Toluene	8.720	92	26485	10.523	ug/l	98

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

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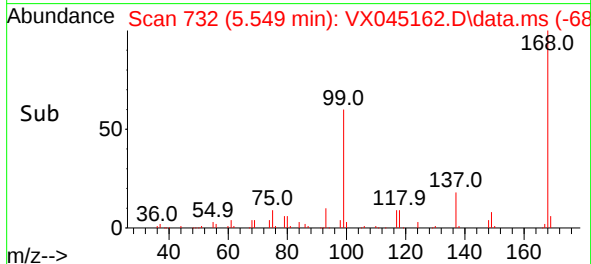
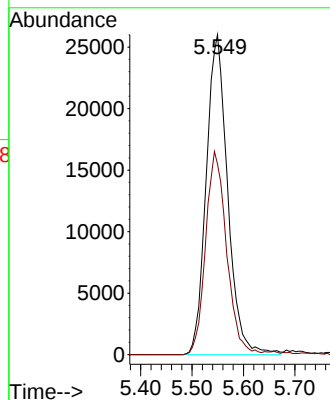
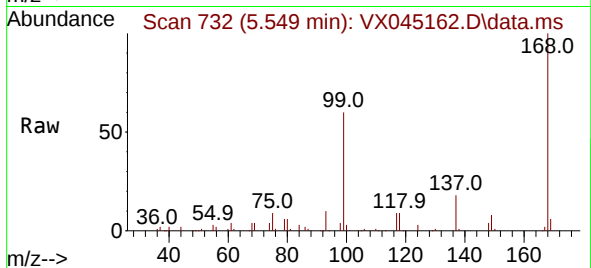




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045162.D
Acq: 06 Mar 2025 12:46

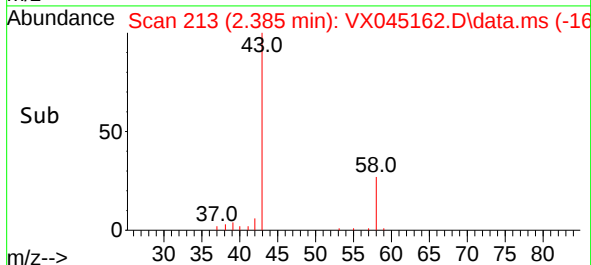
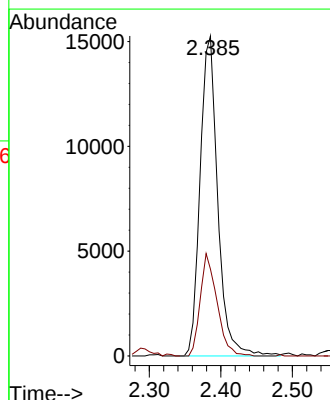
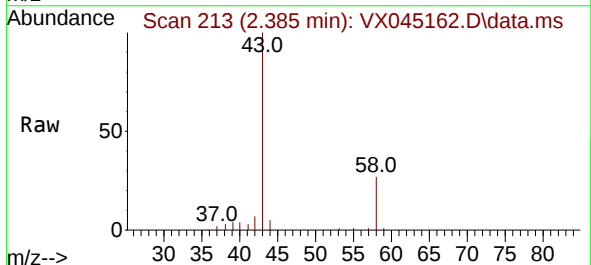
Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525

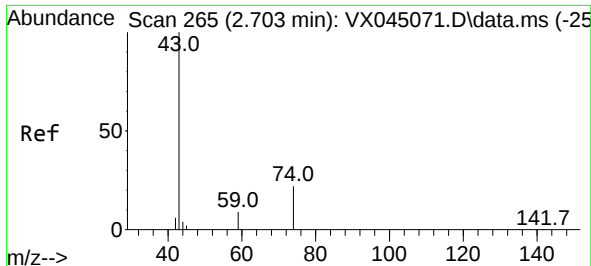
Tgt Ion:168 Resp: 75251
Ion Ratio Lower Upper
168 100
99 59.6 48.2 72.4



#16
Acetone
Concen: 47.092 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045162.D
Acq: 06 Mar 2025 12:46

Tgt Ion: 43 Resp: 26153
Ion Ratio Lower Upper
43 100
58 27.2 24.2 36.4

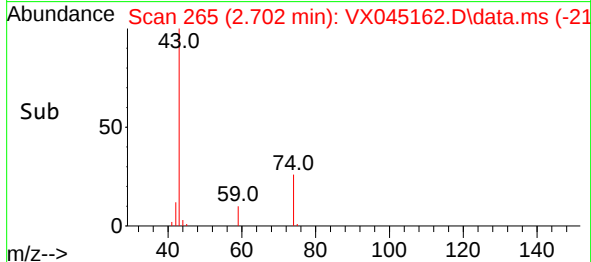
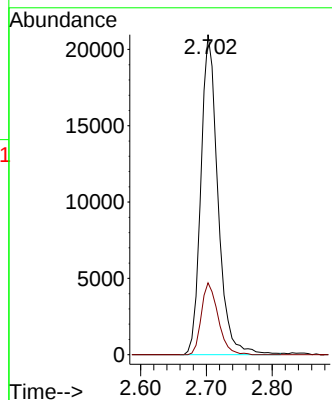
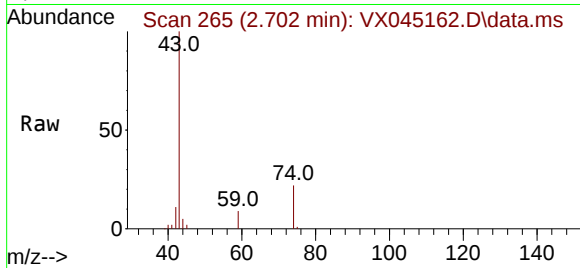




#18
Methyl Acetate
Concen: 28.241 ug/l
RT: 2.702 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX045162.D
Acq: 06 Mar 2025 12:46

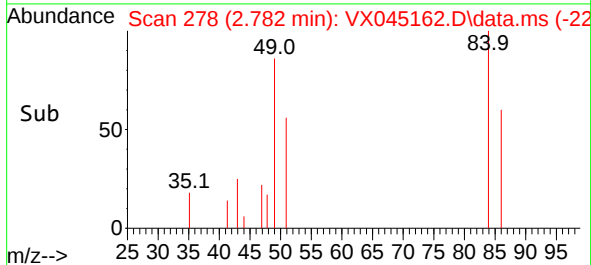
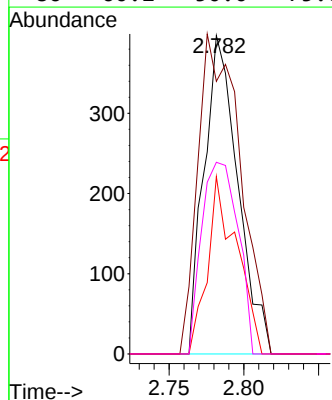
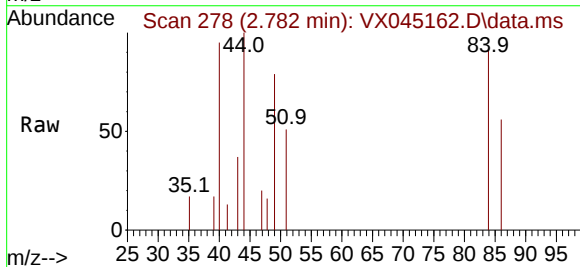
Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525

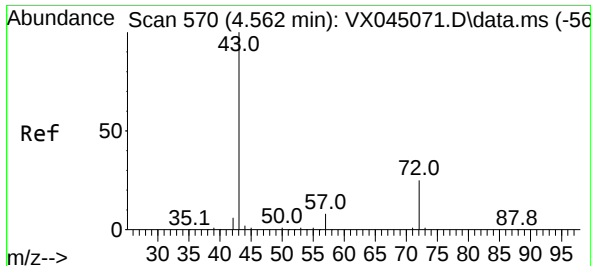
Tgt Ion: 43 Resp: 37730
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2



#20
Methylene Chloride
Concen: 0.568 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045162.D
Acq: 06 Mar 2025 12:46

Tgt Ion: 84 Resp: 625
Ion Ratio Lower Upper
84 100
49 85.6 106.5 159.7#
51 55.7 32.1 48.1#
86 60.2 50.0 75.0





#25

2-Butanone

Concen: 5.699 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX045162.D

Acq: 06 Mar 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

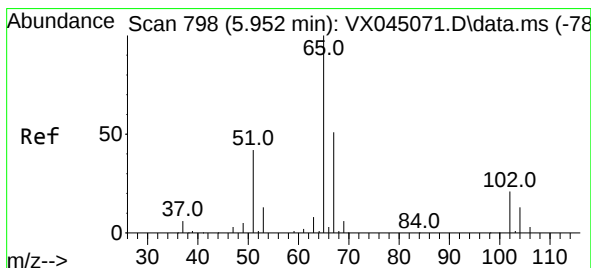
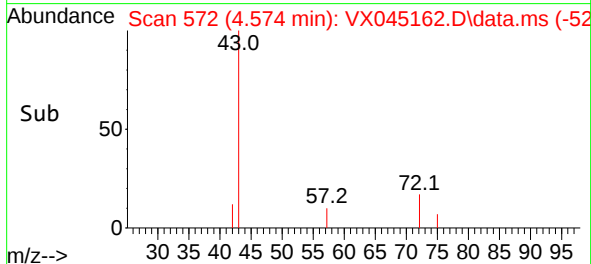
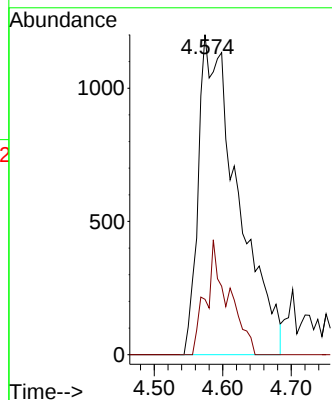
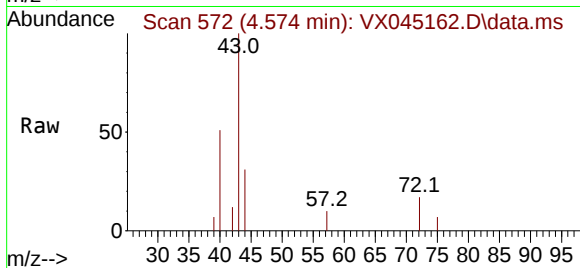
BR-05-465-030525

Tgt Ion: 43 Resp: 4764

Ion Ratio Lower Upper

43 100

72 17.3 20.0 30.0#



#33

1,2-Dichloroethane-d4

Concen: 53.017 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045162.D

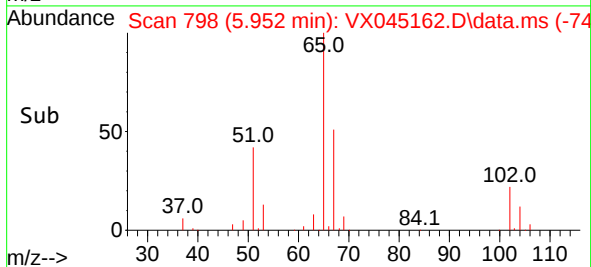
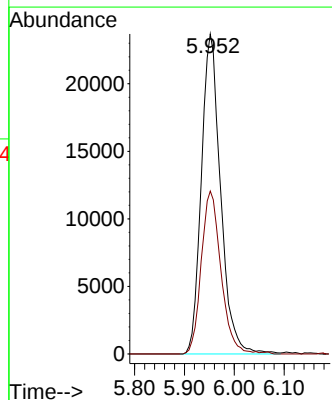
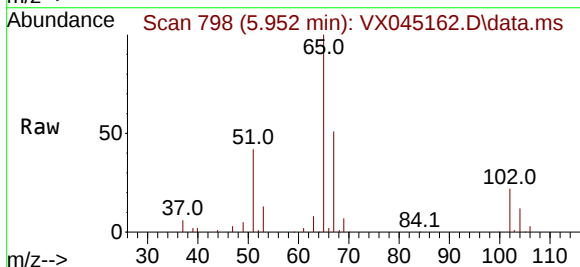
Acq: 06 Mar 2025 12:46

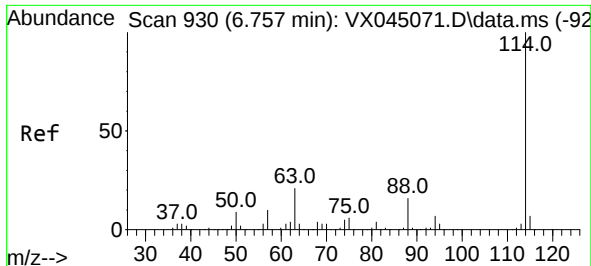
Tgt Ion: 65 Resp: 63460

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.2

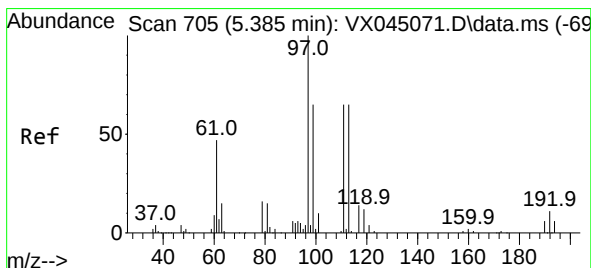
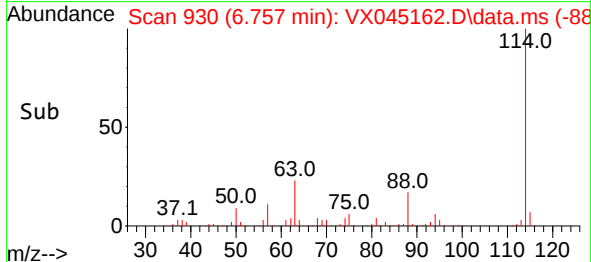
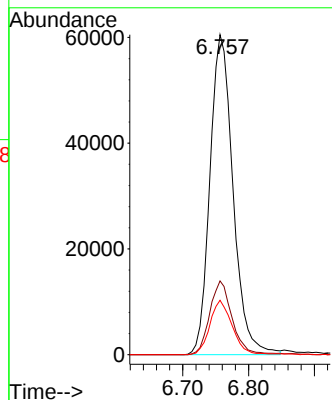
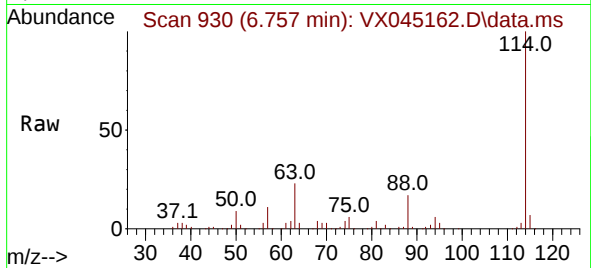




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045162.D
Acq: 06 Mar 2025 12:46

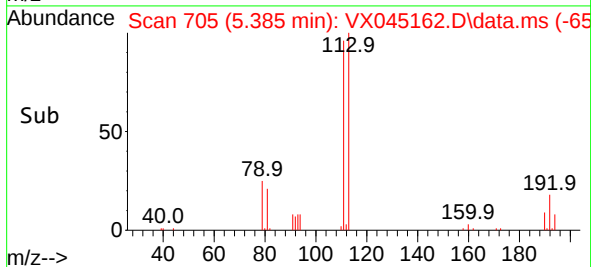
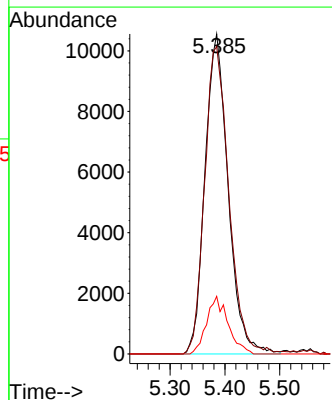
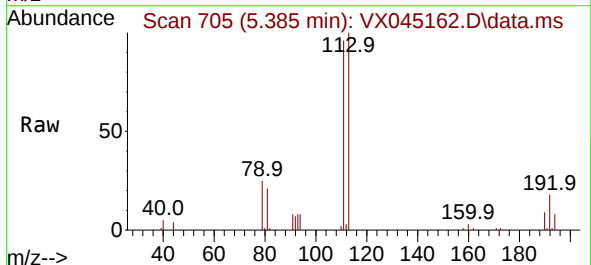
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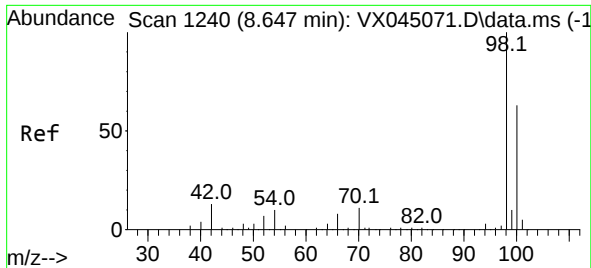
Tgt Ion:114 Resp: 148139
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 31.227 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045162.D
Acq: 06 Mar 2025 12:46

Tgt Ion:113 Resp: 30932
Ion Ratio Lower Upper
113 100
111 101.0 81.8 122.6
192 16.7 14.3 21.5

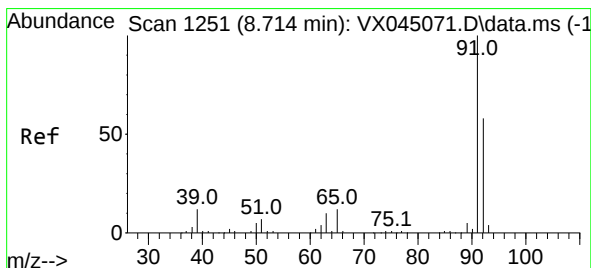
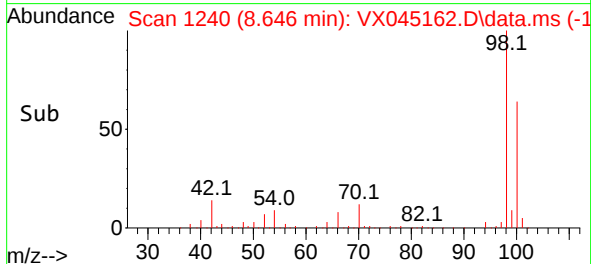
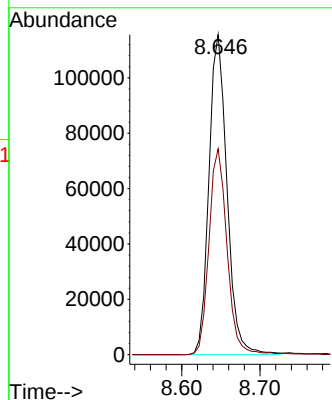
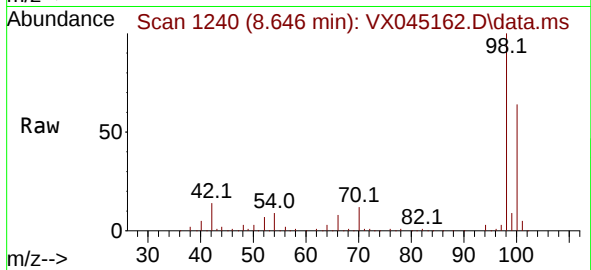




#50
Toluene-d8
Concen: 51.504 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045162.D
Acq: 06 Mar 2025 12:46

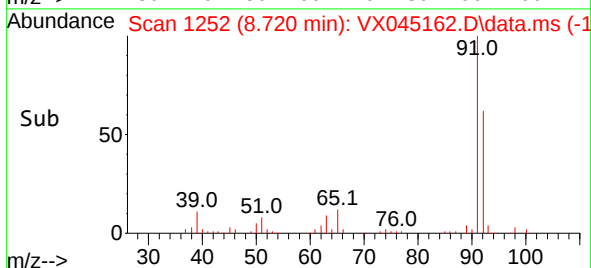
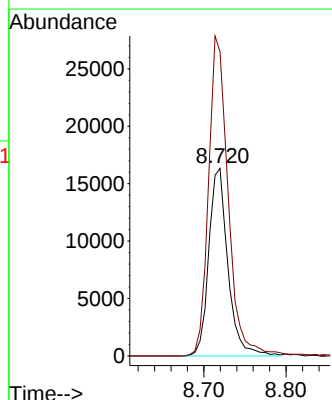
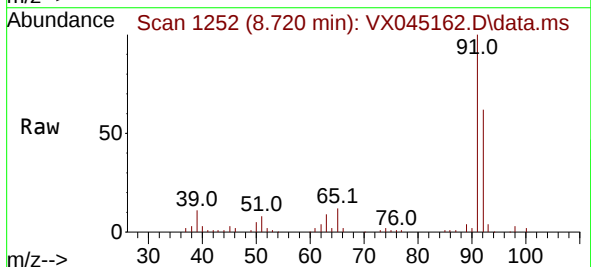
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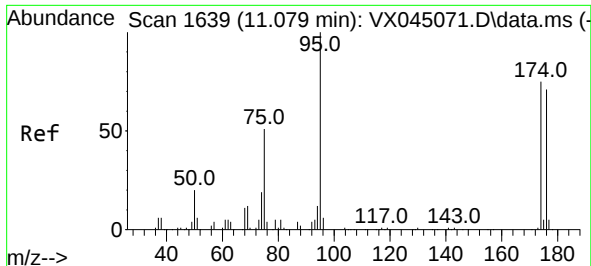
Tgt Ion: 98 Resp: 184959
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#52
Toluene
Concen: 10.523 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045162.D
Acq: 06 Mar 2025 12:46

Tgt Ion: 92 Resp: 26485
Ion Ratio Lower Upper
92 100
91 176.0 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 52.003 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045162.D

Acq: 06 Mar 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

BR-05-465-030525

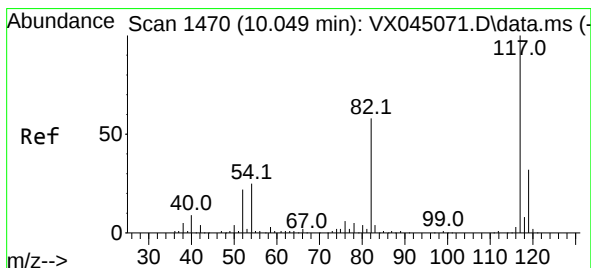
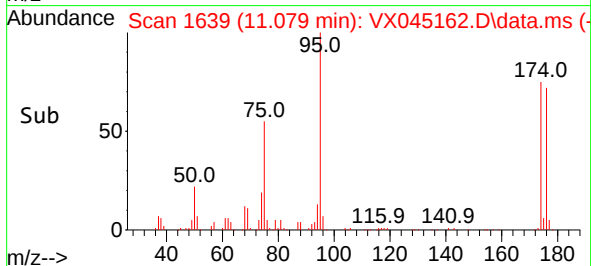
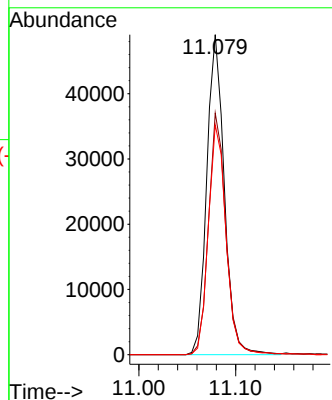
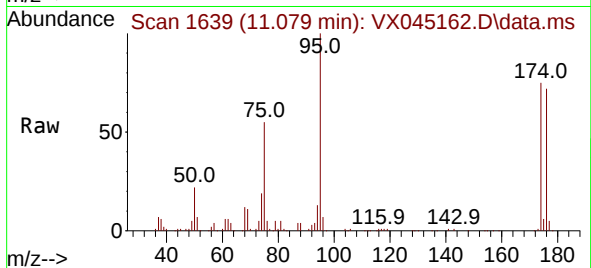
Tgt Ion: 95 Resp: 61883

Ion Ratio Lower Upper

95 100

174 75.0 0.0 148.2

176 73.0 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045162.D

Acq: 06 Mar 2025 12:46

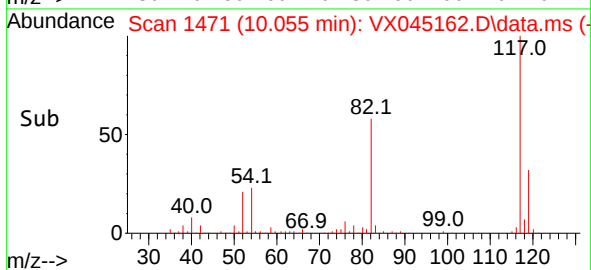
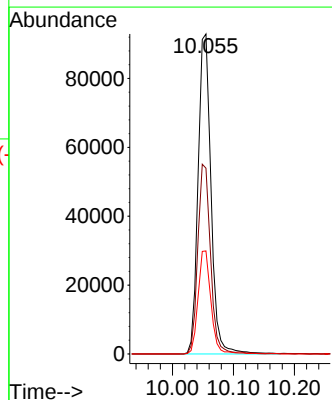
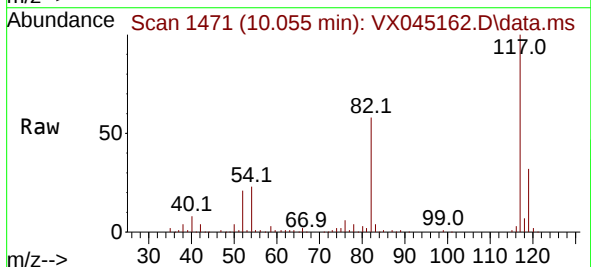
Tgt Ion: 117 Resp: 137077

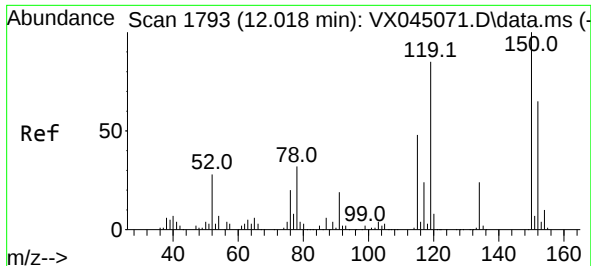
Ion Ratio Lower Upper

117 100

82 58.1 46.3 69.5

119 32.2 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045162.D

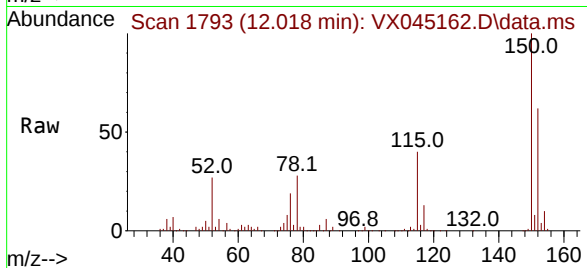
Acq: 06 Mar 2025 12:46

Instrument :

MSVOA_X

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BR-05-465-030525



Tgt Ion:152 Resp: 55408

Ion Ratio Lower Upper

152 100

115 61.3 44.2 132.6

150 157.0 0.0 349.0

