

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044962.D
 Acq On : 14 Feb 2025 15:29
 Operator : JC/MD
 Sample : Q1356-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CARBON-SOLID

Quant Time: Feb 14 22:15:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

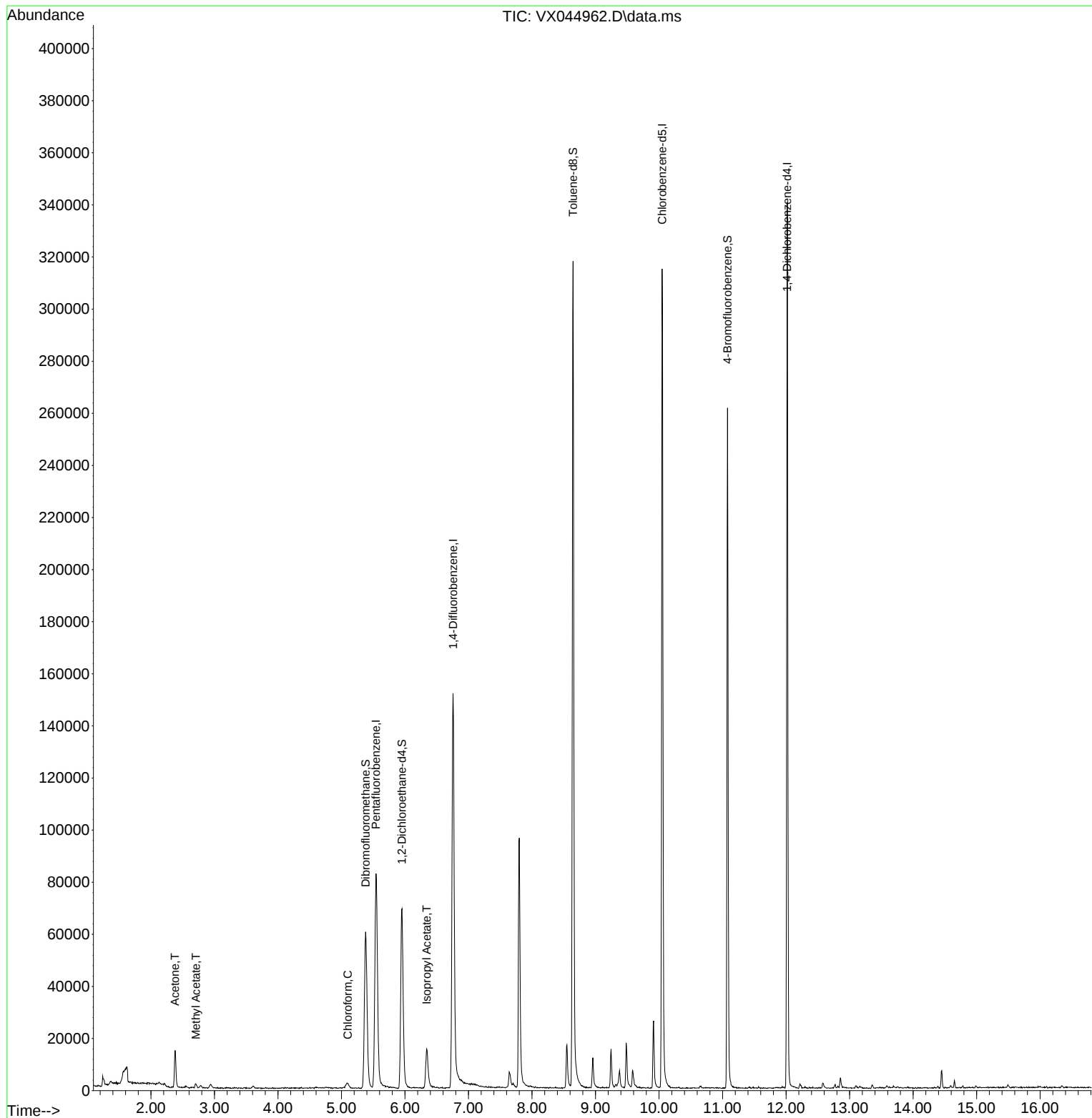
Internal Standards						
1) Pentafluorobenzene	5.544	168	78767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64334	55.797	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.600%	
35) Dibromofluoromethane	5.379	113	52974	50.496	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.000%	
50) Toluene-d8	8.647	98	199003	50.165	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.340%	
62) 4-Bromofluorobenzene	11.079	95	69016	51.607	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	103.220%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	14951	32.255	ug/l	96
18) Methyl Acetate	2.709	43	2102	1.437	ug/l	91
30) Chloroform	5.099	83	2631	1.397	ug/l	95
43) Isopropyl Acetate	6.342	43	22497	8.275	ug/l	98

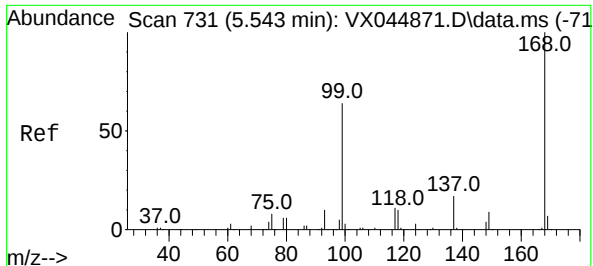
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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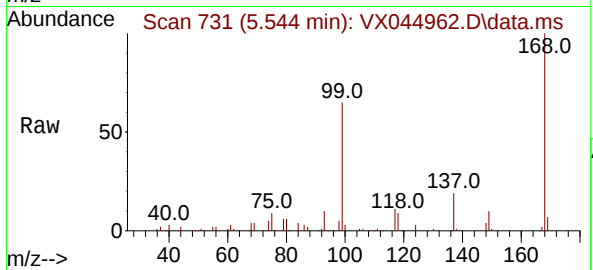
Quant Time: Feb 14 22:15:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
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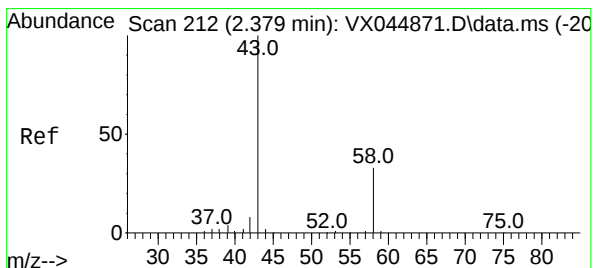
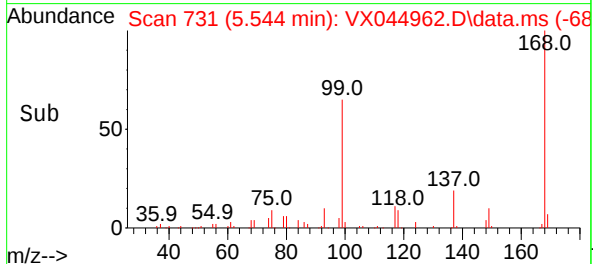
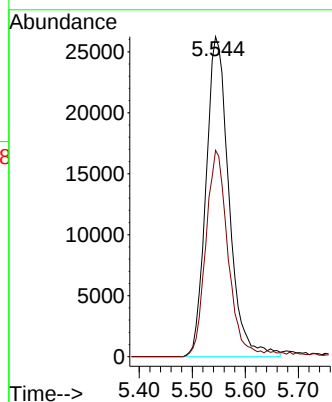


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

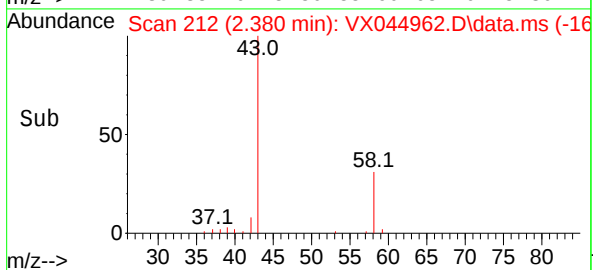
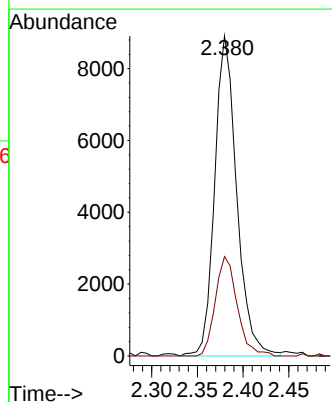
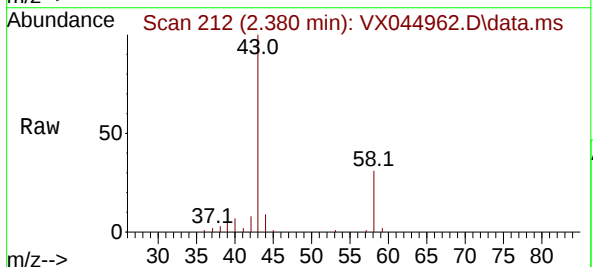


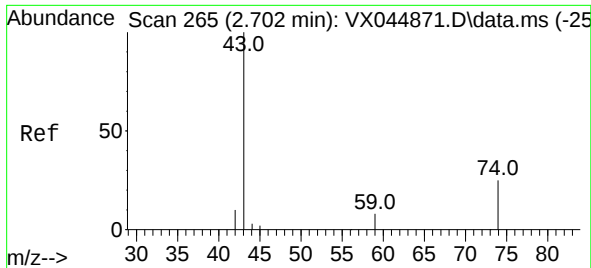
Tgt Ion:168 Resp: 78767
Ion Ratio Lower Upper
168 100
99 64.5 51.2 76.8



#16
Acetone
Concen: 32.255 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion: 43 Resp: 14951
Ion Ratio Lower Upper
43 100
58 31.1 26.5 39.7

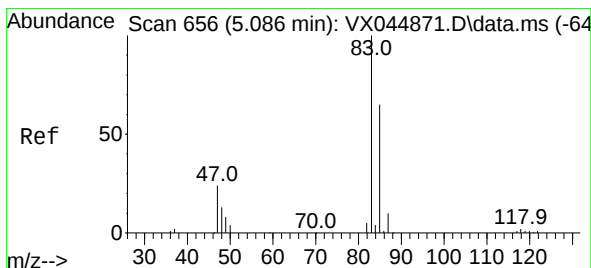
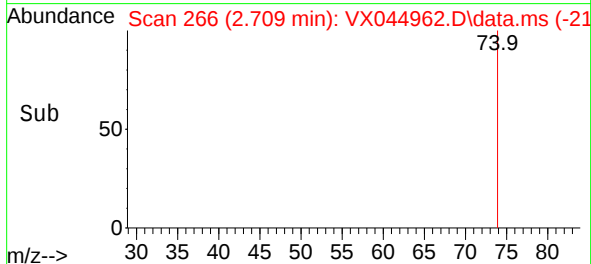
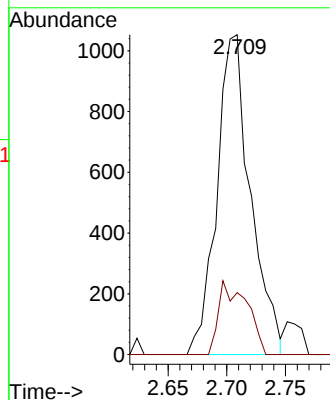
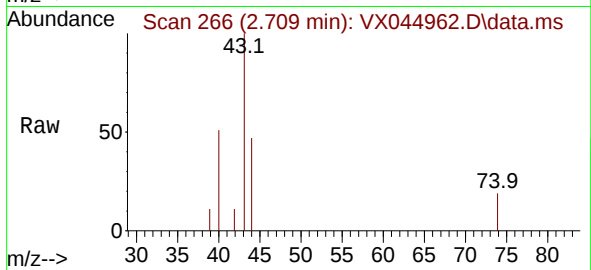




#18
Methyl Acetate
Concen: 1.437 ug/l
RT: 2.709 min Scan# 2102
Delta R.T. 0.006 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

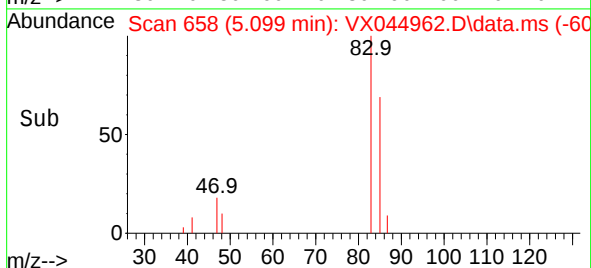
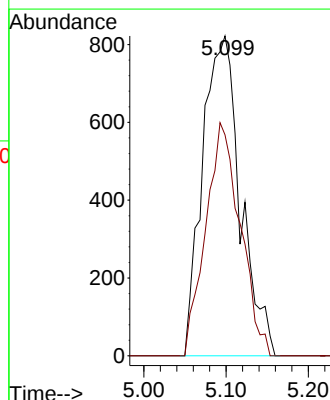
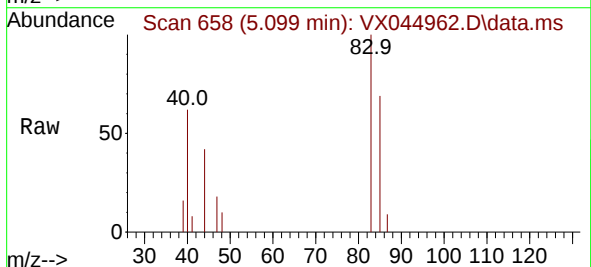
Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

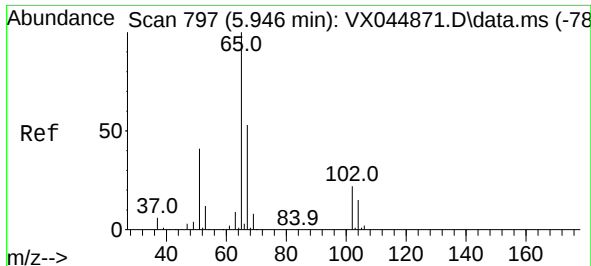
Tgt Ion: 43 Resp: 2102
Ion Ratio Lower Upper
43 100
74 19.3 18.9 28.3



#30
Chloroform
Concen: 1.397 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.013 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion: 83 Resp: 2631
Ion Ratio Lower Upper
83 100
85 69.1 52.1 78.1

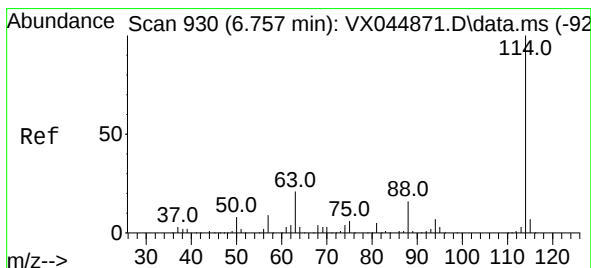
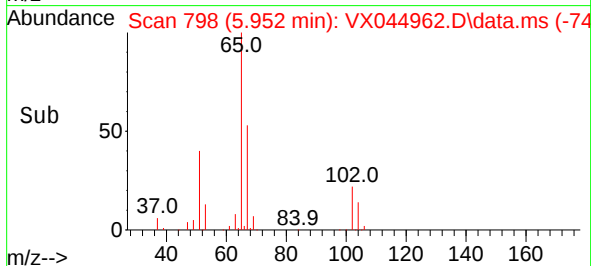
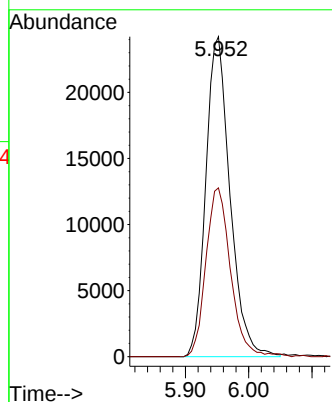
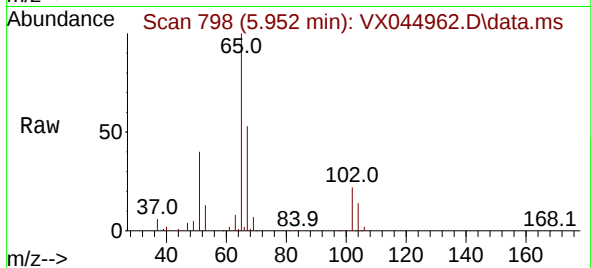




#33
1,2-Dichloroethane-d4
Concen: 55.797 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

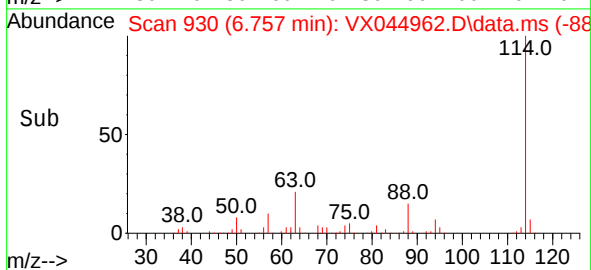
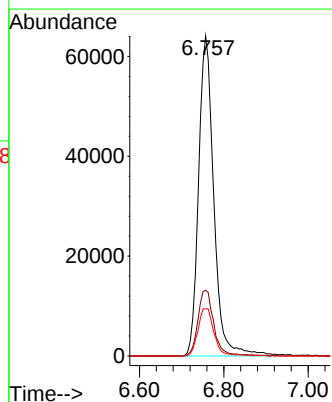
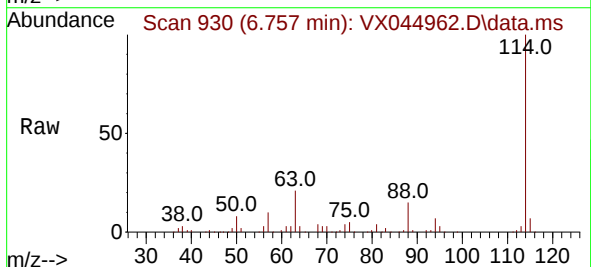
Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

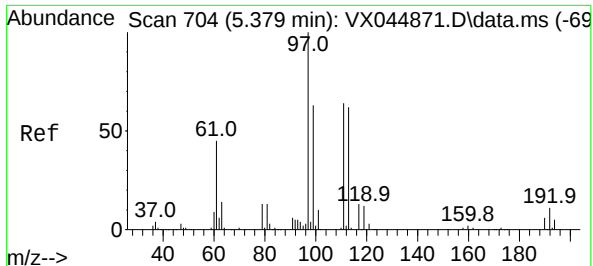
Tgt Ion: 65 Resp: 64334
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion: 114 Resp: 161354
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 14.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.496 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044962.D

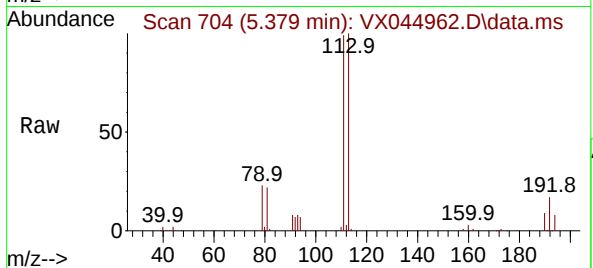
Acq: 14 Feb 2025 15:29

Instrument :

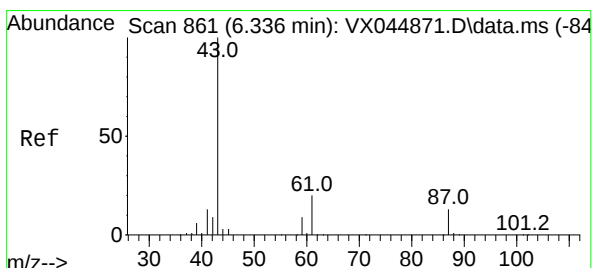
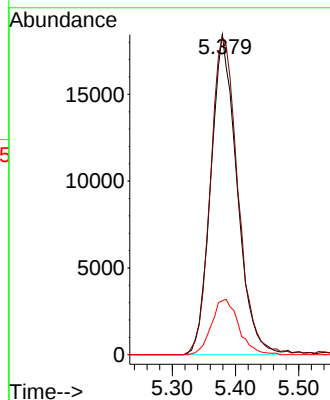
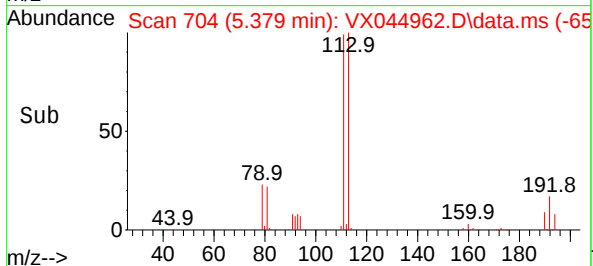
MSVOA_X

ClientSampleId :

CARBON-SOLID



Tgt Ion:	113	Resp:	52974
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.5	125.3
192	18.0	14.4	21.6



#43

Isopropyl Acetate

Concen: 8.275 ug/l

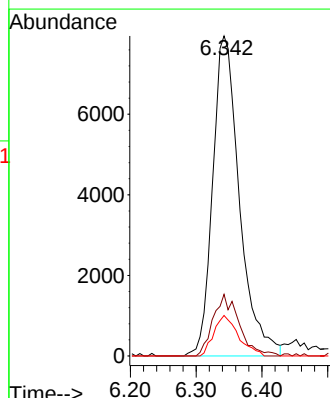
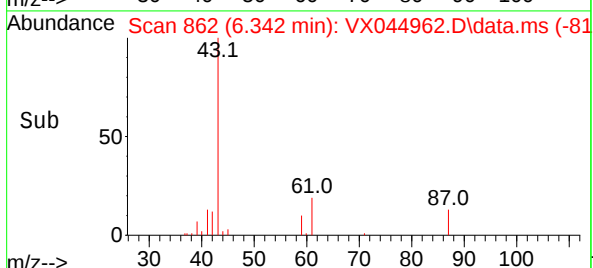
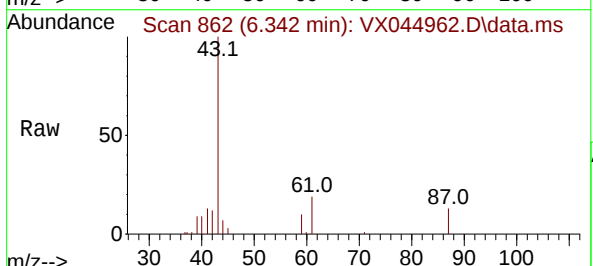
RT: 6.342 min Scan# 862

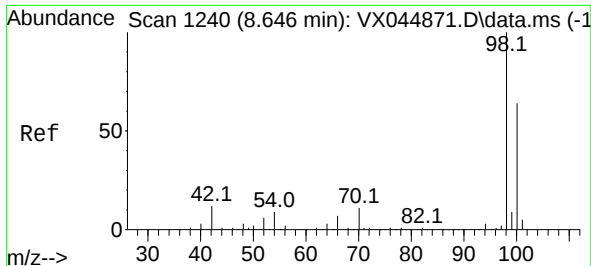
Delta R.T. 0.006 min

Lab File: VX044962.D

Acq: 14 Feb 2025 15:29

Tgt Ion:	43	Resp:	22497
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.8	23.8
87	11.6	10.0	15.0





#50

Toluene-d8

Concen: 50.165 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044962.D

Acq: 14 Feb 2025 15:29

Instrument :

MSVOA_X

ClientSampleId :

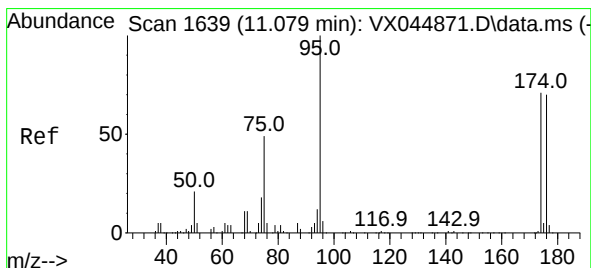
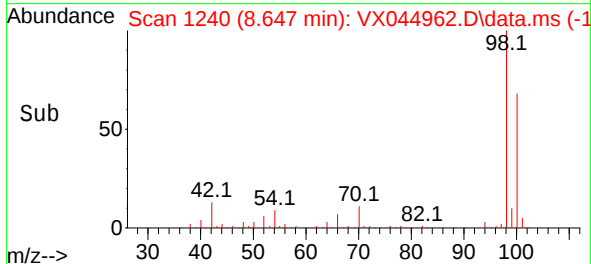
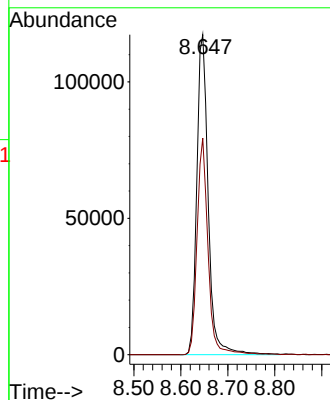
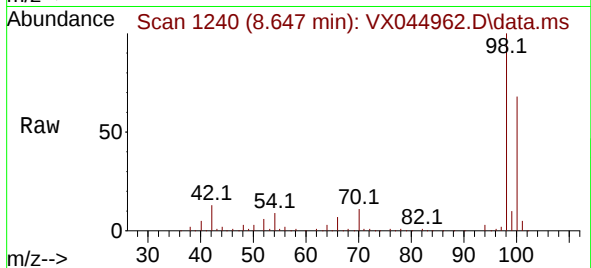
CARBON-SOLID

Tgt Ion: 98 Resp: 199003

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 51.607 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044962.D

Acq: 14 Feb 2025 15:29

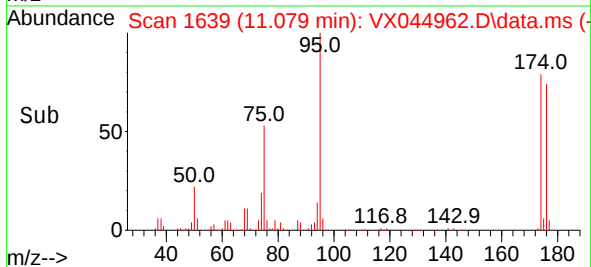
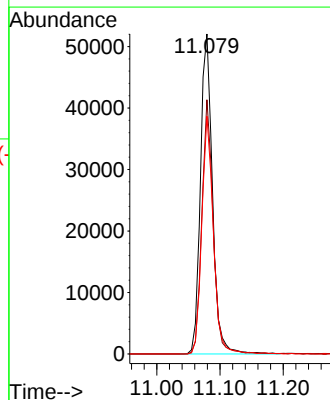
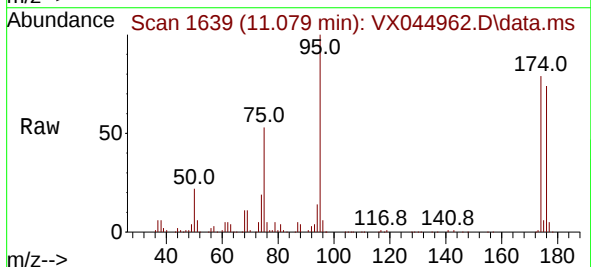
Tgt Ion: 95 Resp: 69016

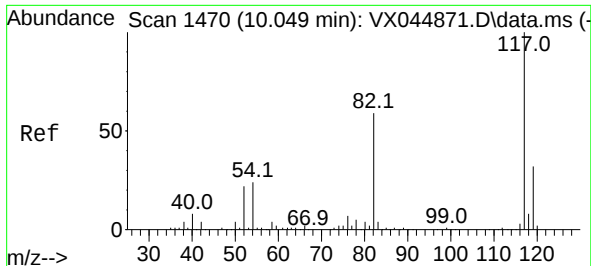
Ion Ratio Lower Upper

95 100

174 74.8 0.0 142.6

176 71.5 0.0 141.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044962.D

Acq: 14 Feb 2025 15:29

Instrument :

MSVOA_X

ClientSampleId :

CARBON-SOLID

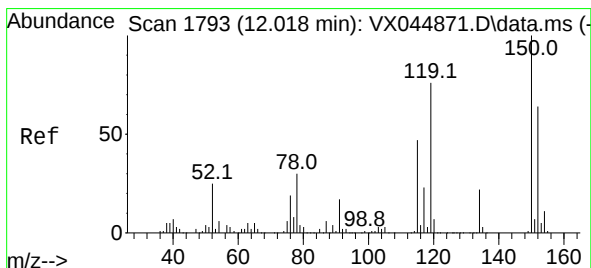
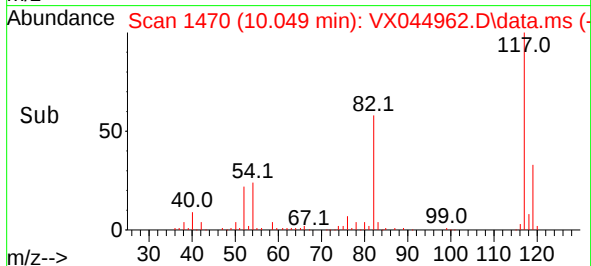
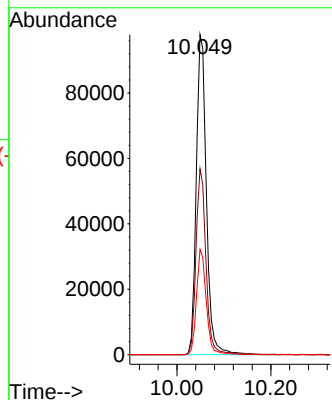
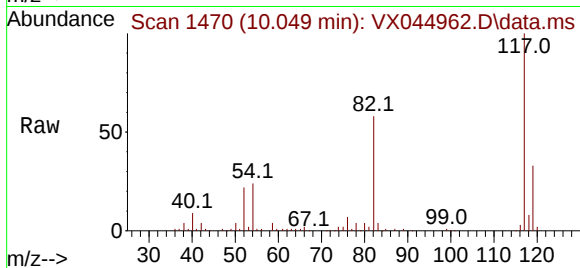
Tgt Ion:117 Resp: 147582

Ion Ratio Lower Upper

117 100

82 58.1 47.5 71.3

119 32.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044962.D

Acq: 14 Feb 2025 15:29

Tgt Ion:152 Resp: 65157

Ion Ratio Lower Upper

152 100

115 61.5 43.4 130.1

150 155.3 0.0 350.4

