

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045854.D
 Acq On : 18 Apr 2025 13:47
 Operator : JC/MD
 Sample : Q1828-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT4643

Quant Time: Apr 18 23:39:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

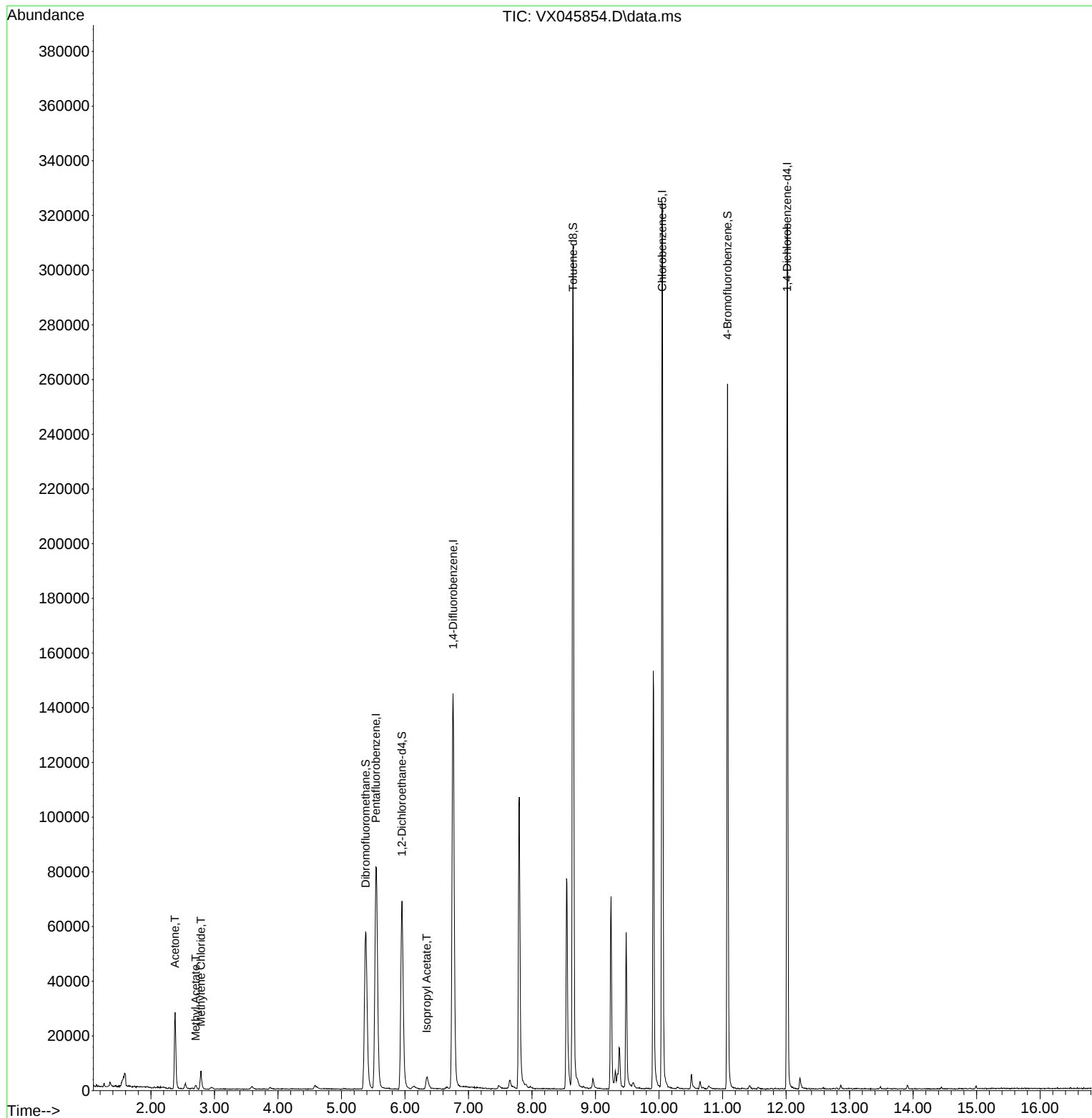
Internal Standards						
1) Pentafluorobenzene	5.544	168	70139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70338	54.838	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.680%		
35) Dibromofluoromethane	5.379	113	50744	50.734	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.460%		
50) Toluene-d8	8.647	98	177454	50.831	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.660%		
62) 4-Bromofluorobenzene	11.079	95	67427	53.025	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 106.040%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	30684	58.258	ug/l	100
18) Methyl Acetate	2.703	43	1853	1.528	ug/l	95
20) Methylene Chloride	2.788	84	2734	2.773	ug/l	87
43) Isopropyl Acetate	6.342	43	7327	2.841	ug/l	96

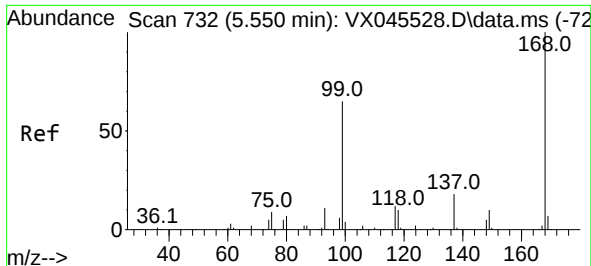
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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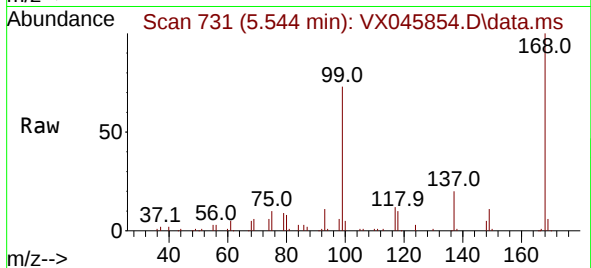
Quant Time: Apr 18 23:39:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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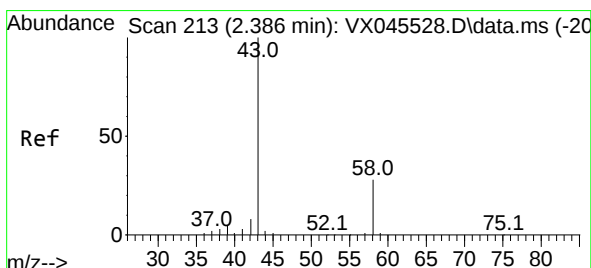
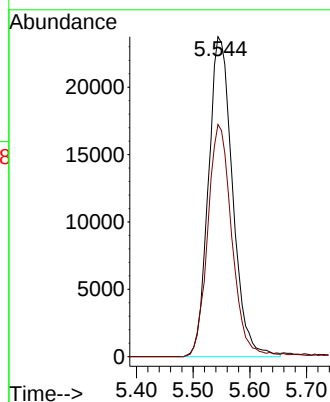
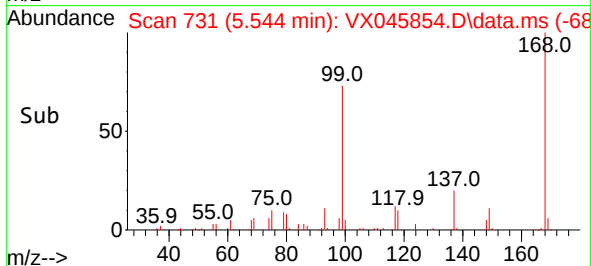


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
RT4643

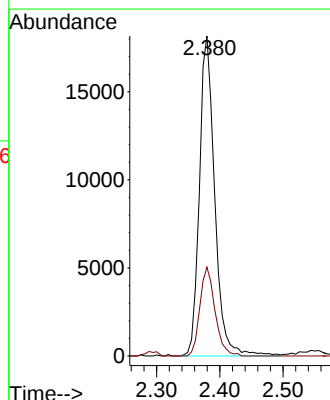
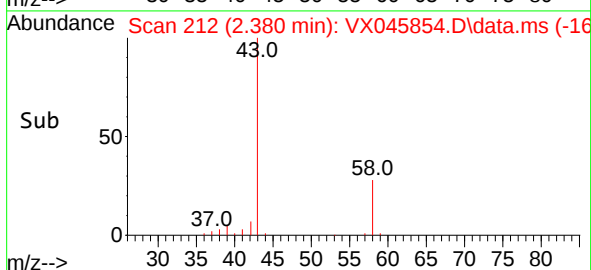
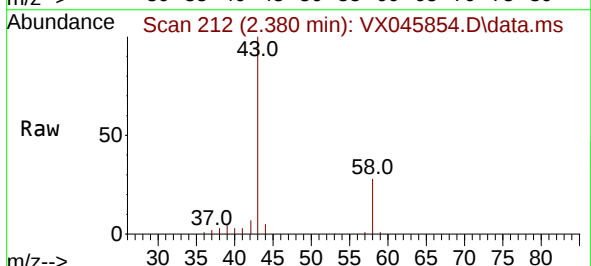


Tgt Ion:168 Resp: 70139
Ion Ratio Lower Upper
168 100
99 72.5 52.3 78.5



#16
Acetone
Concen: 58.258 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Tgt Ion: 43 Resp: 30684
Ion Ratio Lower Upper
43 100
58 27.8 22.3 33.5

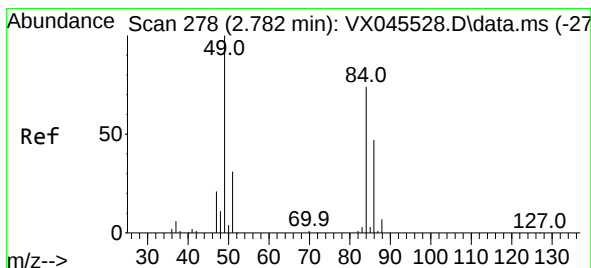
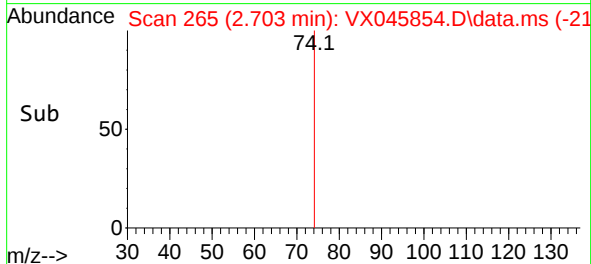
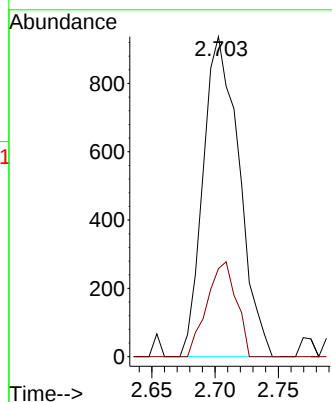
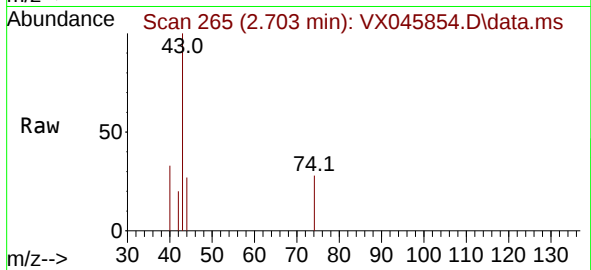




#18
Methyl Acetate
Concen: 1.528 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

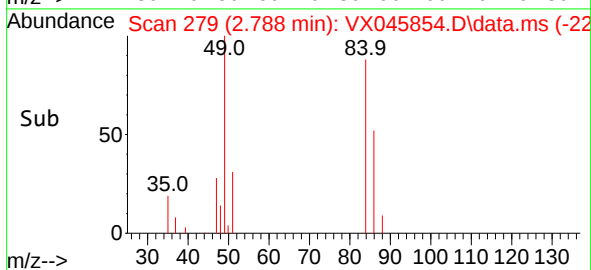
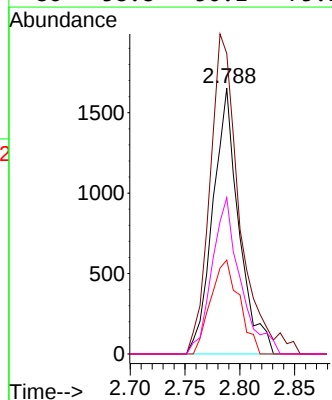
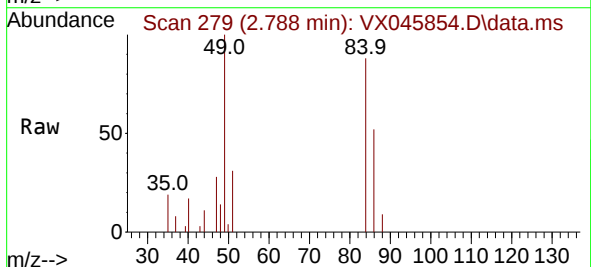
Instrument :
MSVOA_X
ClientSampleId :
RT4643

Tgt Ion: 43 Resp: 1853
Ion Ratio Lower Upper
43 100
74 24.2 17.5 26.3



#20
Methylene Chloride
Concen: 2.773 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Tgt Ion: 84 Resp: 2734
Ion Ratio Lower Upper
84 100
49 113.1 107.5 161.3
51 35.3 33.0 49.6
86 58.8 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 54.838 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045854.D

Acq: 18 Apr 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

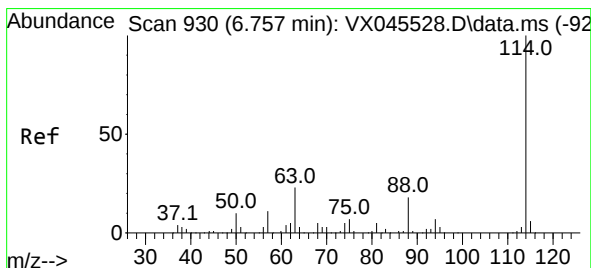
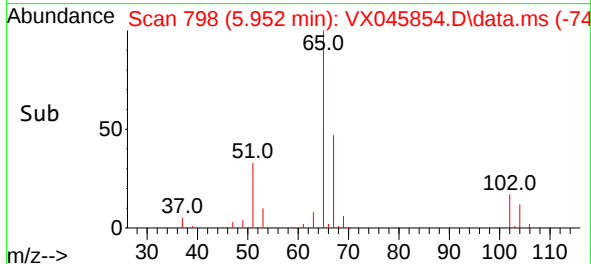
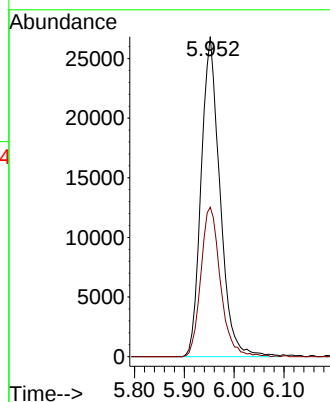
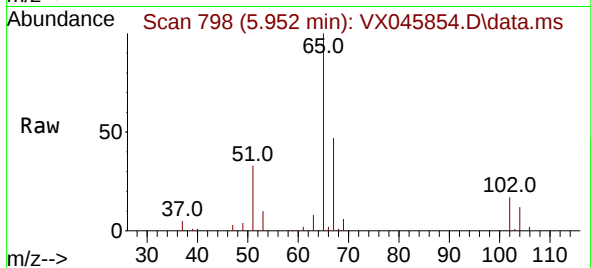
RT4643

Tgt Ion: 65 Resp: 70338

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045854.D

Acq: 18 Apr 2025 13:47

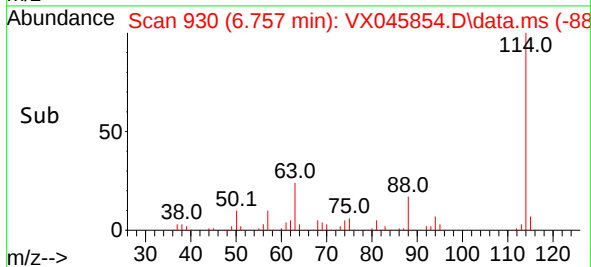
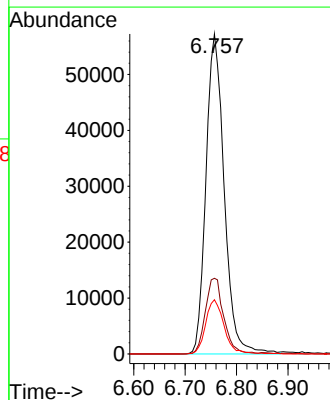
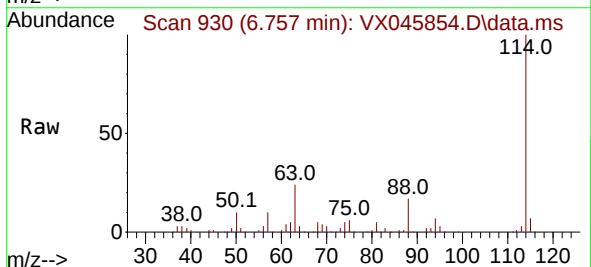
Tgt Ion: 114 Resp: 140971

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.8

88 17.0 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.734 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045854.D

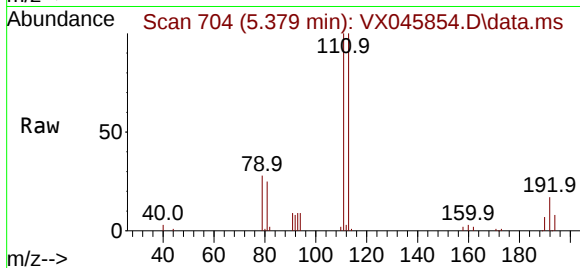
Acq: 18 Apr 2025 13:47

Instrument :

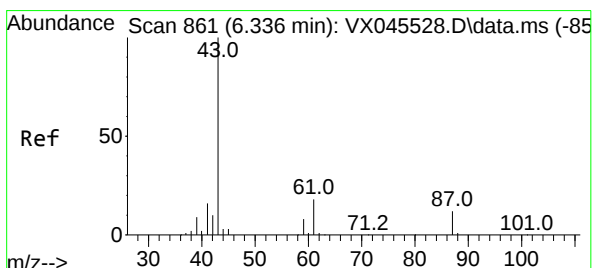
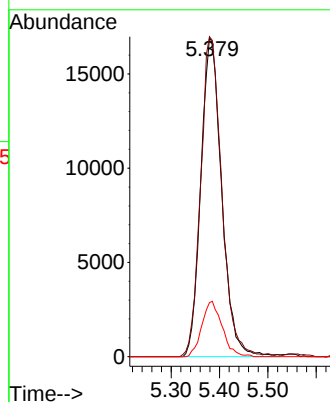
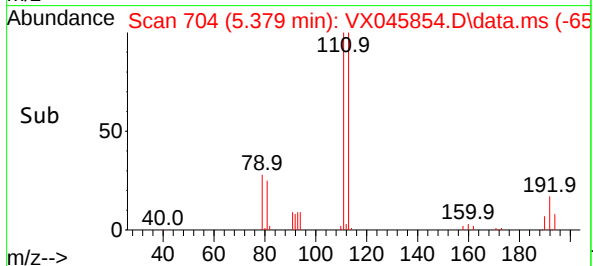
MSVOA_X

ClientSampleId :

RT4643



Tgt Ion:	113	Resp:	50744
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.6
192	16.9	13.8	20.6



#43

Isopropyl Acetate

Concen: 2.841 ug/l

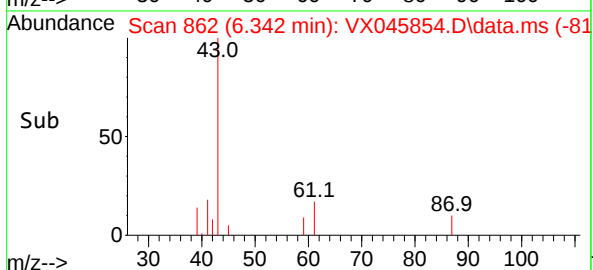
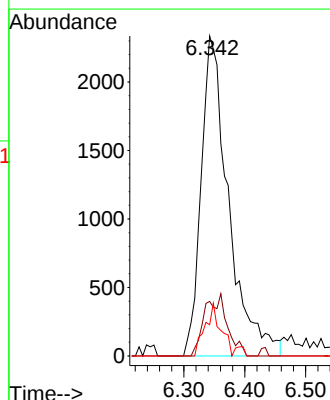
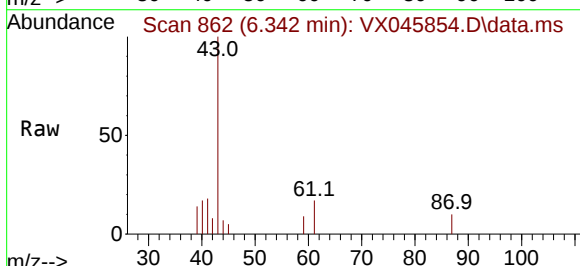
RT: 6.342 min Scan# 862

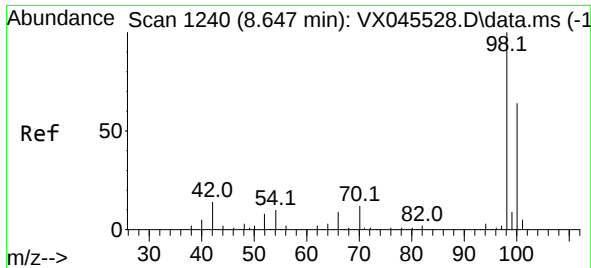
Delta R.T. 0.006 min

Lab File: VX045854.D

Acq: 18 Apr 2025 13:47

Tgt Ion:	43	Resp:	7327
Ion	Ratio	Lower	Upper
43	100		
61	16.0	14.1	21.1
87	9.6	9.2	13.8

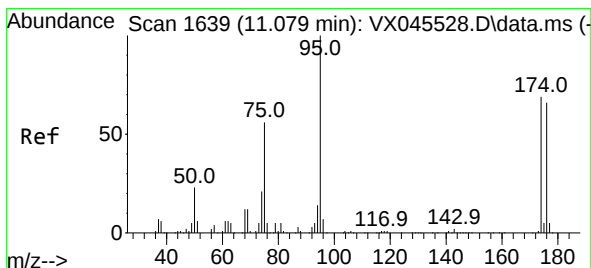
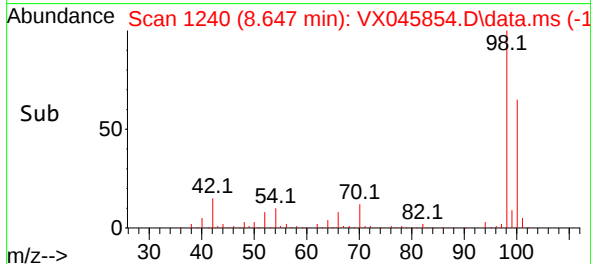
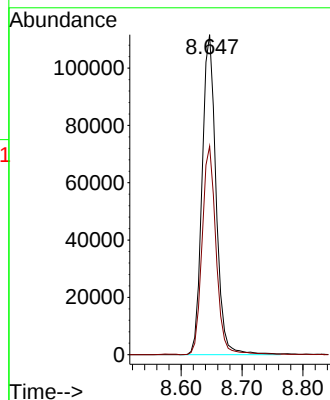
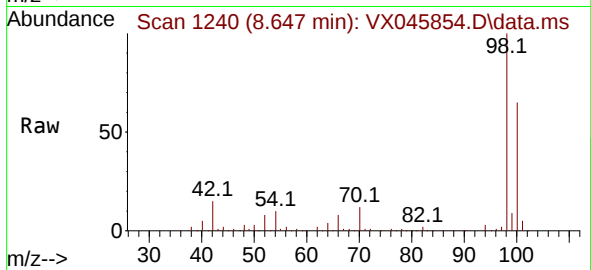




#50
Toluene-d8
Concen: 50.831 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

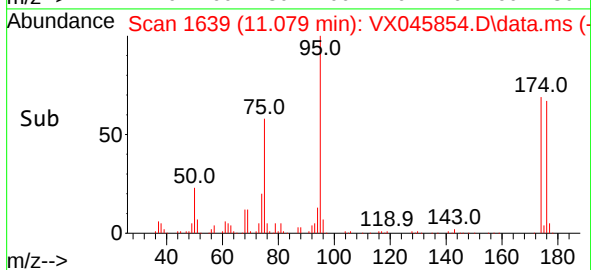
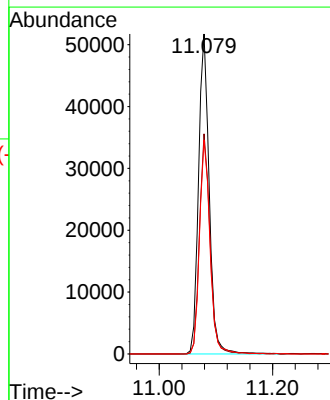
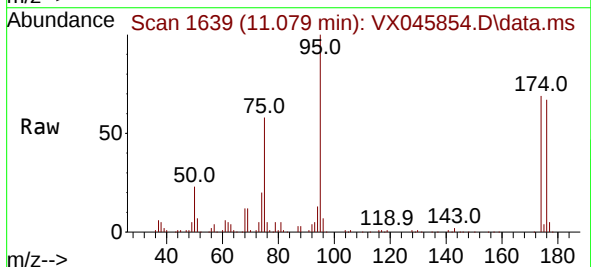
Instrument :
MSVOA_X
ClientSampleId :
RT4643

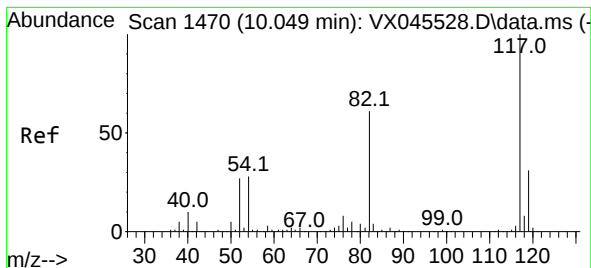
Tgt Ion: 98 Resp: 177454
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.025 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Tgt Ion: 95 Resp: 67427
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 65.9 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045854.D

Acq: 18 Apr 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

RT4643

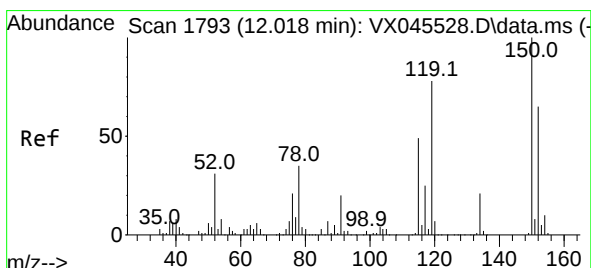
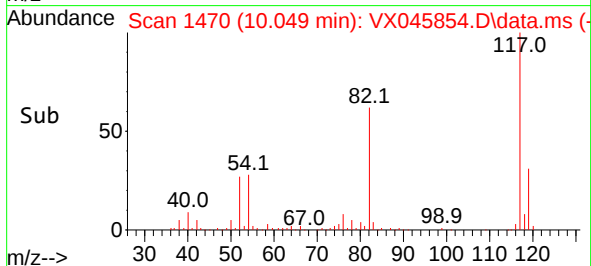
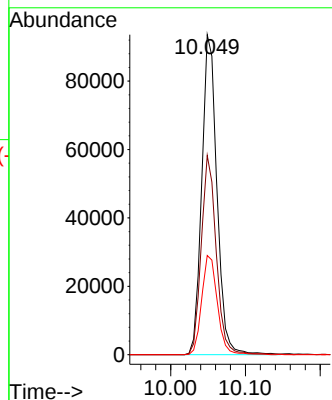
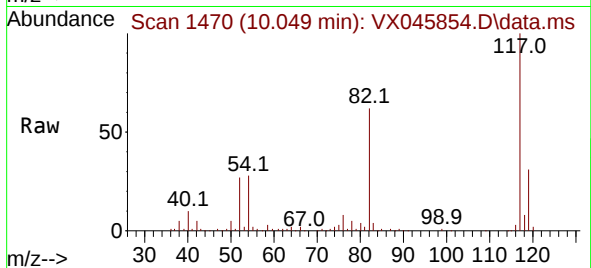
Tgt Ion:117 Resp: 131851

Ion Ratio Lower Upper

117 100

82 62.3 49.2 73.8

119 31.0 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045854.D

Acq: 18 Apr 2025 13:47

Tgt Ion:152 Resp: 56638

Ion Ratio Lower Upper

152 100

115 67.2 46.9 140.7

150 157.2 0.0 349.4

