

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046150.D
 Acq On : 12 May 2025 19:49
 Operator : JC/MD
 Sample : Q2004-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STONE-STOCK

Quant Time: May 13 03:23:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

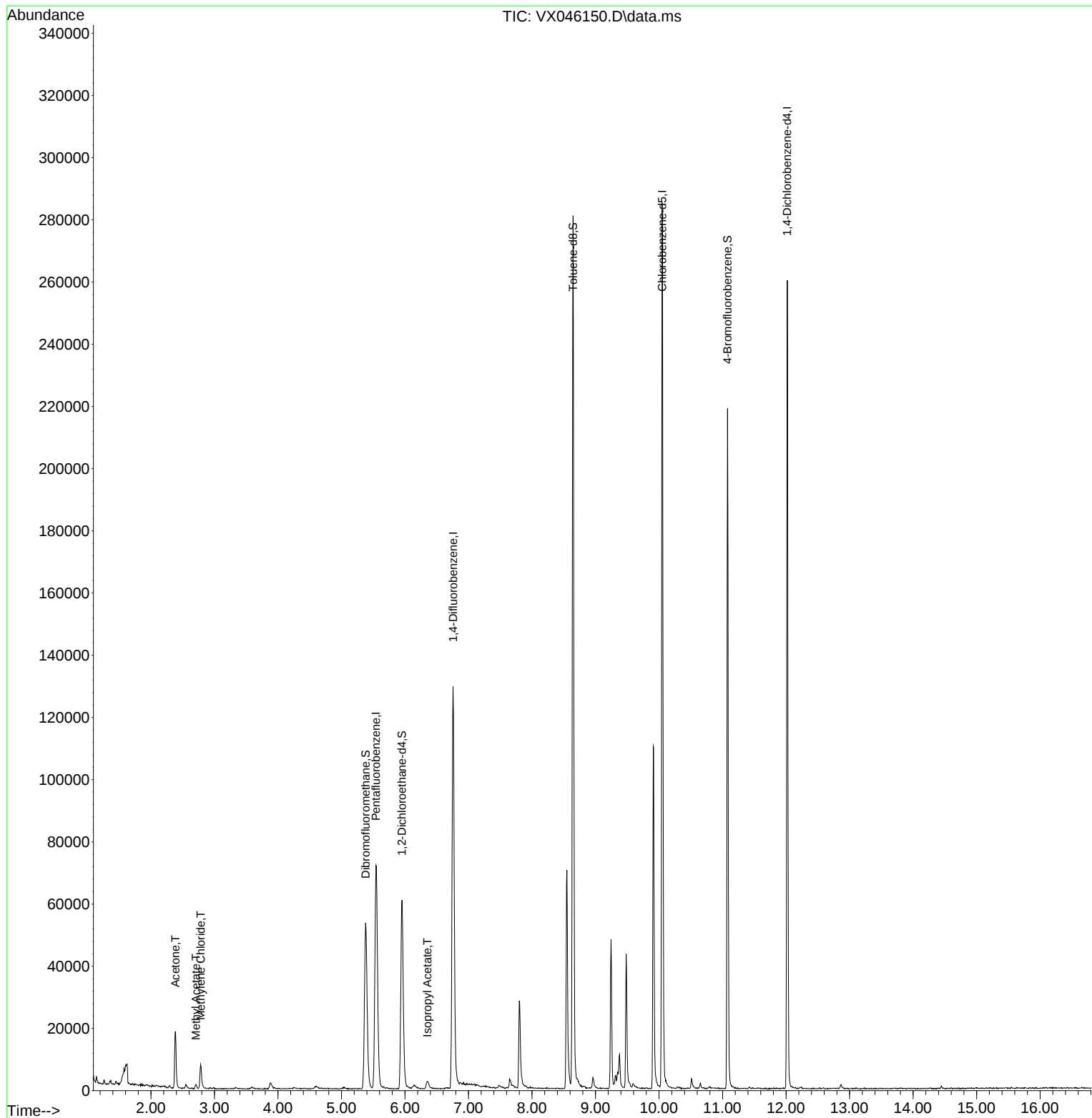
Internal Standards						
1) Pentafluorobenzene	5.544	168	61700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123008	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63781	55.448	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.900%
35) Dibromofluoromethane	5.379	113	46172	52.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.260%
50) Toluene-d8	8.647	98	157098	51.242	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.480%
62) 4-Bromofluorobenzene	11.079	95	57927	49.257	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.520%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	20945	45.413	ug/l	98
18) Methyl Acetate	2.709	43	2052	1.917	ug/l #	86
20) Methylene Chloride	2.782	84	3633	4.111	ug/l	96
43) Isopropyl Acetate	6.355	43	4061	1.810	ug/l	95

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

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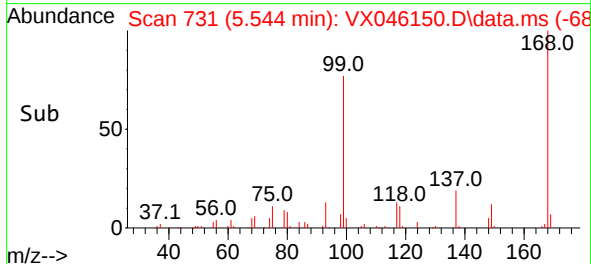
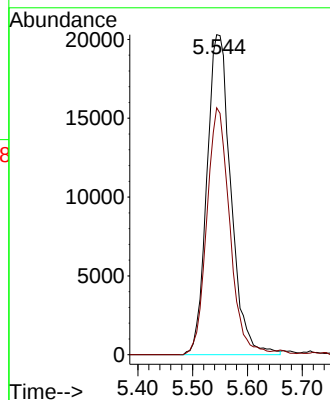
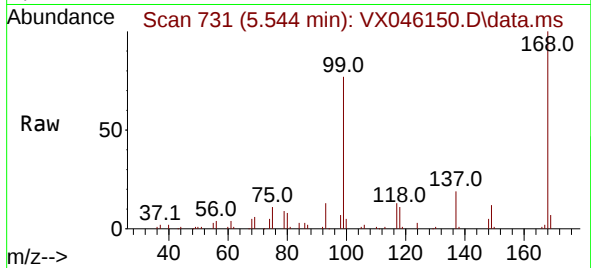




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046150.D
Acq: 12 May 2025 19:49

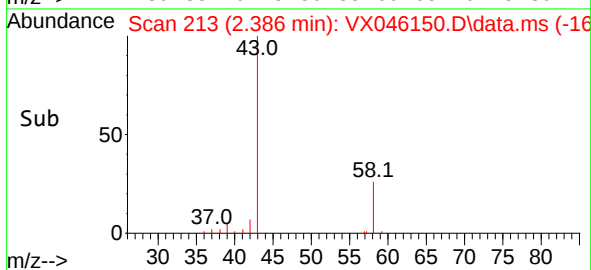
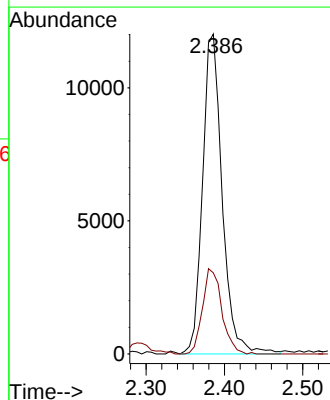
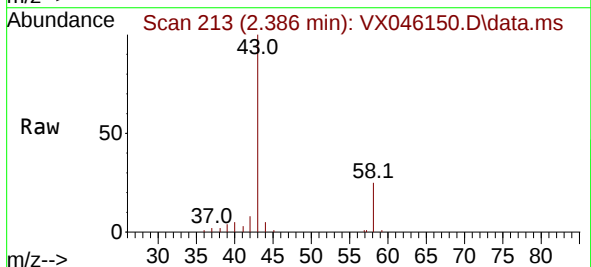
Instrument :
MSVOA_X
ClientSampleId :
STONE-STOCK

Tgt Ion:168 Resp: 61700
Ion Ratio Lower Upper
168 100
99 77.2 54.9 82.3



#16
Acetone
Concen: 45.413 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046150.D
Acq: 12 May 2025 19:49

Tgt Ion: 43 Resp: 20945
Ion Ratio Lower Upper
43 100
58 25.3 21.2 31.8

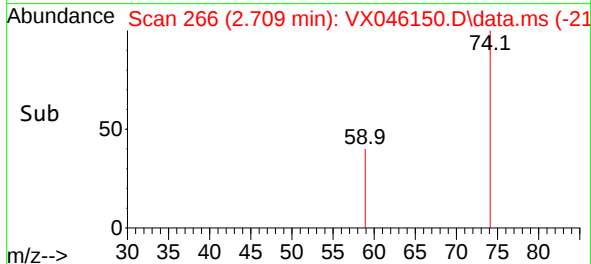
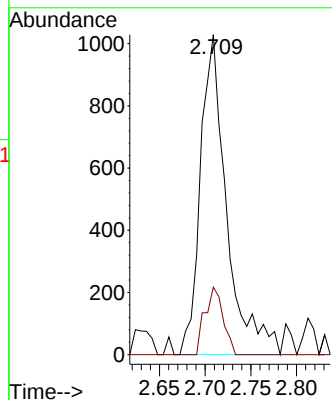
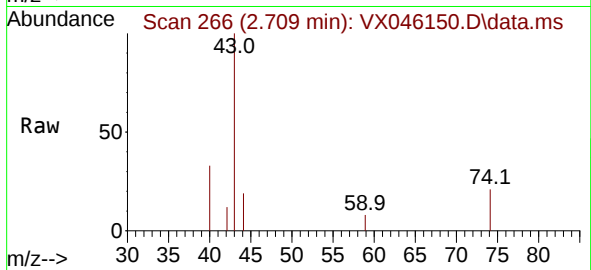




#18
Methyl Acetate
Concen: 1.917 ug/l
RT: 2.709 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX046150.D
Acq: 12 May 2025 19:49

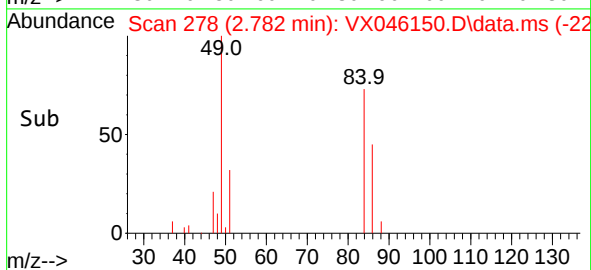
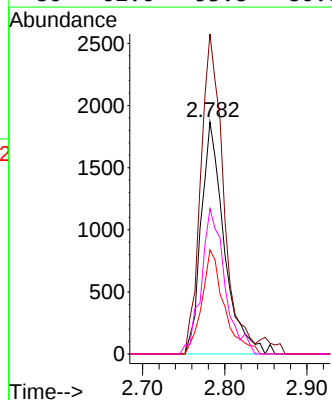
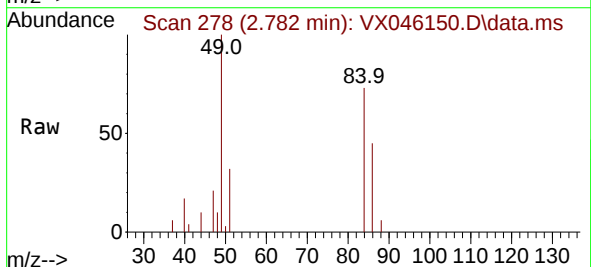
Instrument :
MSVOA_X
ClientSampleId :
STONE-STOCK

Tgt Ion: 43 Resp: 2052
Ion Ratio Lower Upper
43 100
74 14.6 16.7 25.1#



#20
Methylene Chloride
Concen: 4.111 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046150.D
Acq: 12 May 2025 19:49

Tgt Ion: 84 Resp: 3633
Ion Ratio Lower Upper
84 100
49 137.9 113.9 170.9
51 44.8 33.5 50.3
86 62.6 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 55.448 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046150.D

Acq: 12 May 2025 19:49

Instrument :

MSVOA_X

ClientSampleId :

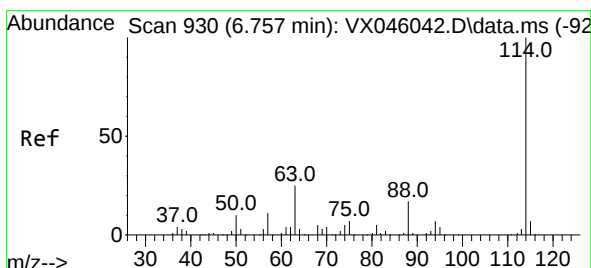
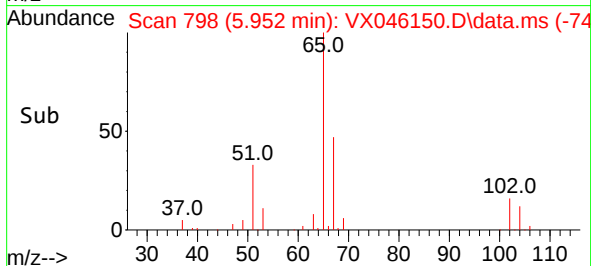
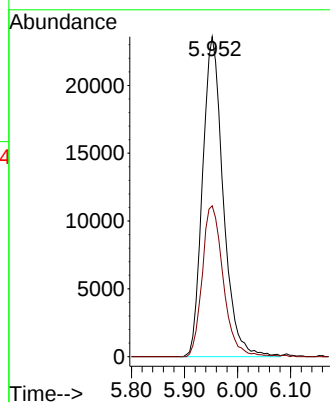
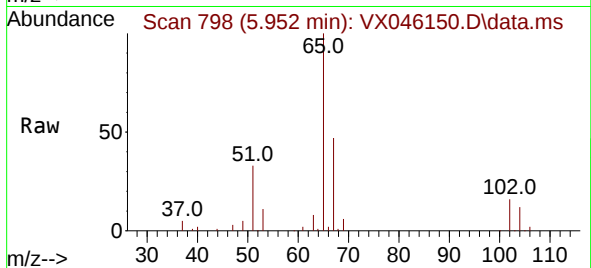
STONE-STOCK

Tgt Ion: 65 Resp: 63781

Ion Ratio Lower Upper

65 100

67 48.1 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: VX046150.D

Acq: 12 May 2025 19:49

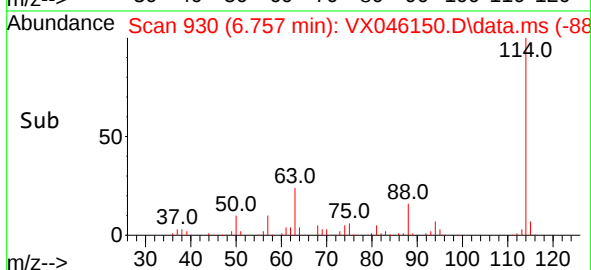
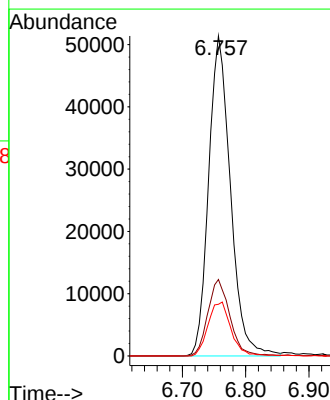
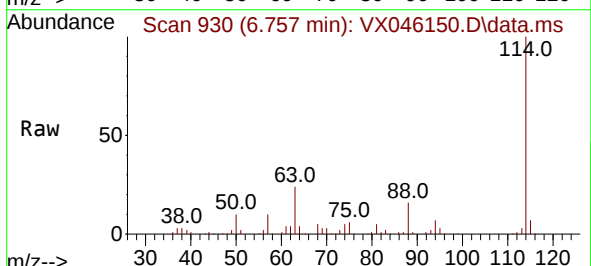
Tgt Ion: 114 Resp: 123008

Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

88 16.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 52.125 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046150.D

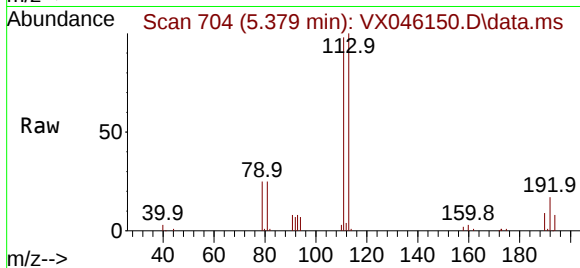
Acq: 12 May 2025 19:49

Instrument :

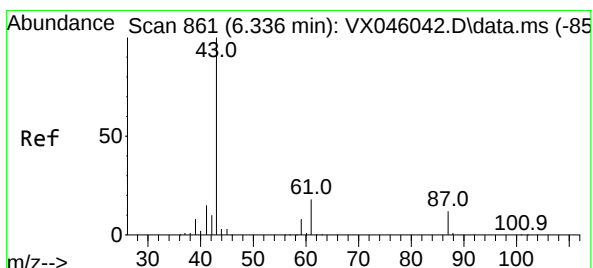
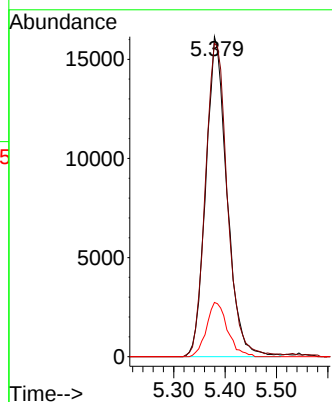
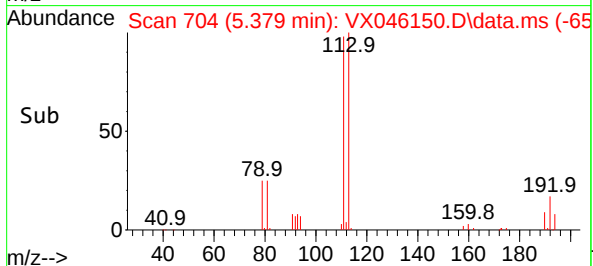
MSVOA_X

ClientSampleId :

STONE-STOCK



Tgt Ion:	113	Resp:	46172
Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.1	124.7
192	16.8	13.3	19.9



#43

Isopropyl Acetate

Concen: 1.810 ug/l

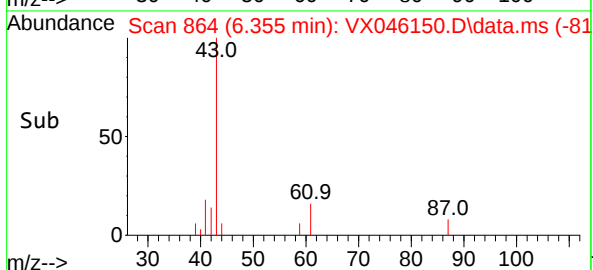
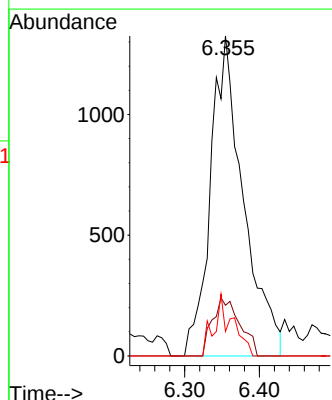
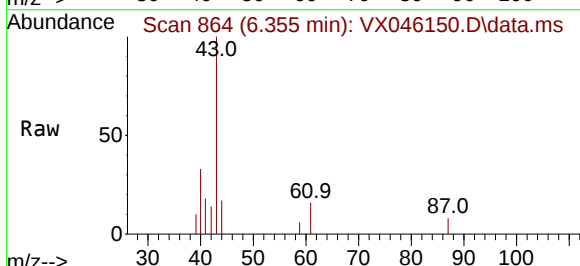
RT: 6.355 min Scan# 864

Delta R.T. 0.018 min

Lab File: VX046150.D

Acq: 12 May 2025 19:49

Tgt Ion:	43	Resp:	4061
Ion	Ratio	Lower	Upper
43	100		
61	15.1	14.3	21.5
87	10.9	9.5	14.3

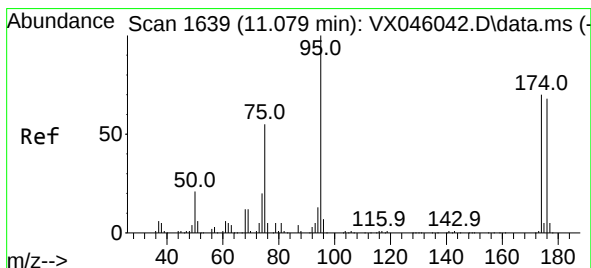
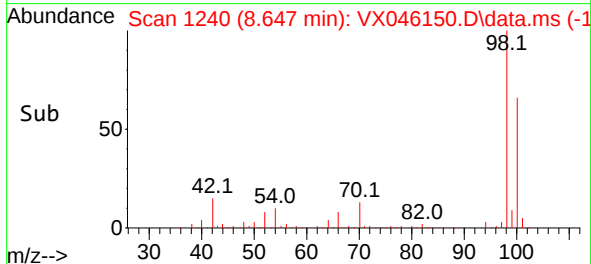
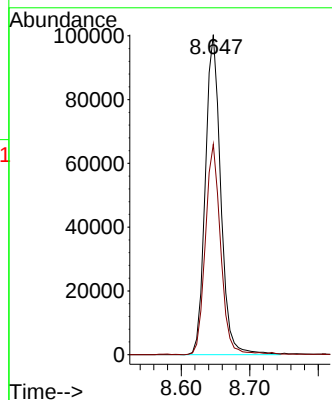
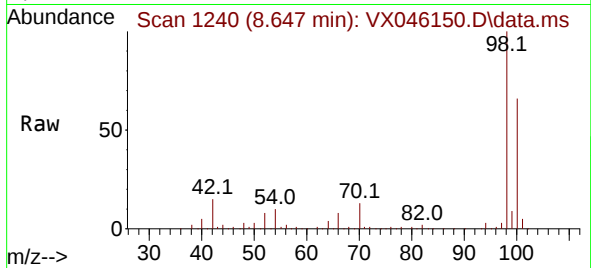




#50
Toluene-d8
Concen: 51.242 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046150.D
Acq: 12 May 2025 19:49

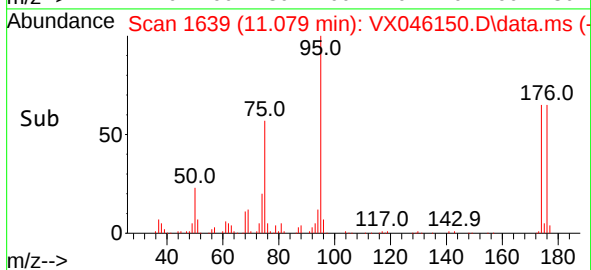
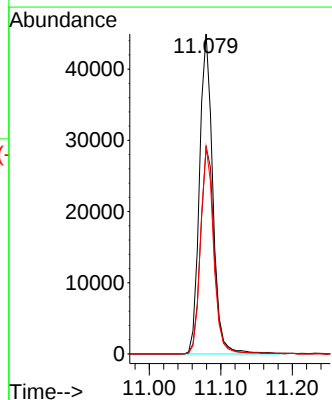
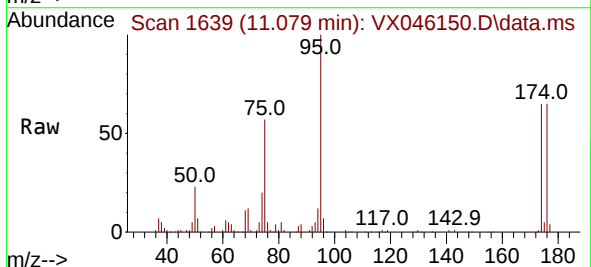
Instrument :
MSVOA_X
ClientSampleId :
STONE-STOCK

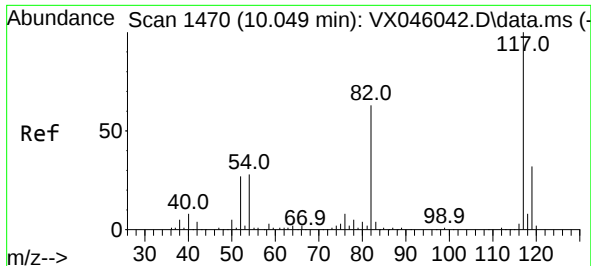
Tgt Ion: 98 Resp: 157098
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.257 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046150.D
Acq: 12 May 2025 19:49

Tgt Ion: 95 Resp: 57927
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 63.5 0.0 131.4

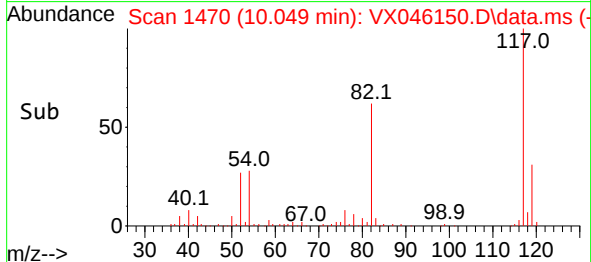
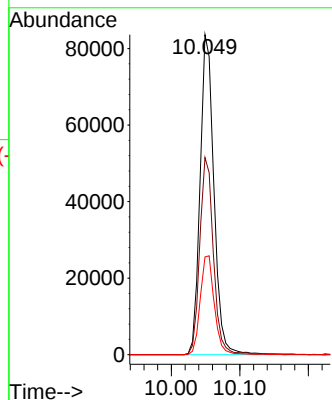
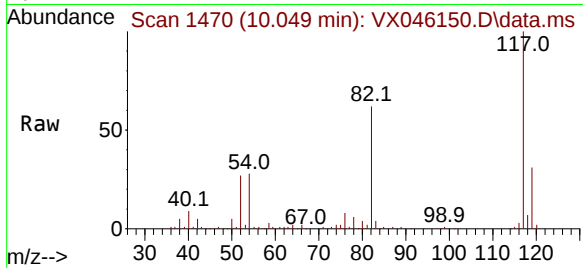




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046150.D
Acq: 12 May 2025 19:49

Instrument :
MSVOA_X
ClientSampleId :
STONE-STOCK

Tgt Ion:117 Resp: 117848
Ion Ratio Lower Upper
117 100
82 61.6 50.6 76.0
119 30.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046150.D
Acq: 12 May 2025 19:49

Tgt Ion:152 Resp: 46963
Ion Ratio Lower Upper
152 100
115 66.1 46.9 140.7
150 159.1 0.0 351.0

