

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080625\
 Data File : VX047244.D
 Acq On : 06 Aug 2025 13:36
 Operator : JC/MD
 Sample : Q2763-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2

Quant Time: Aug 07 01:17:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

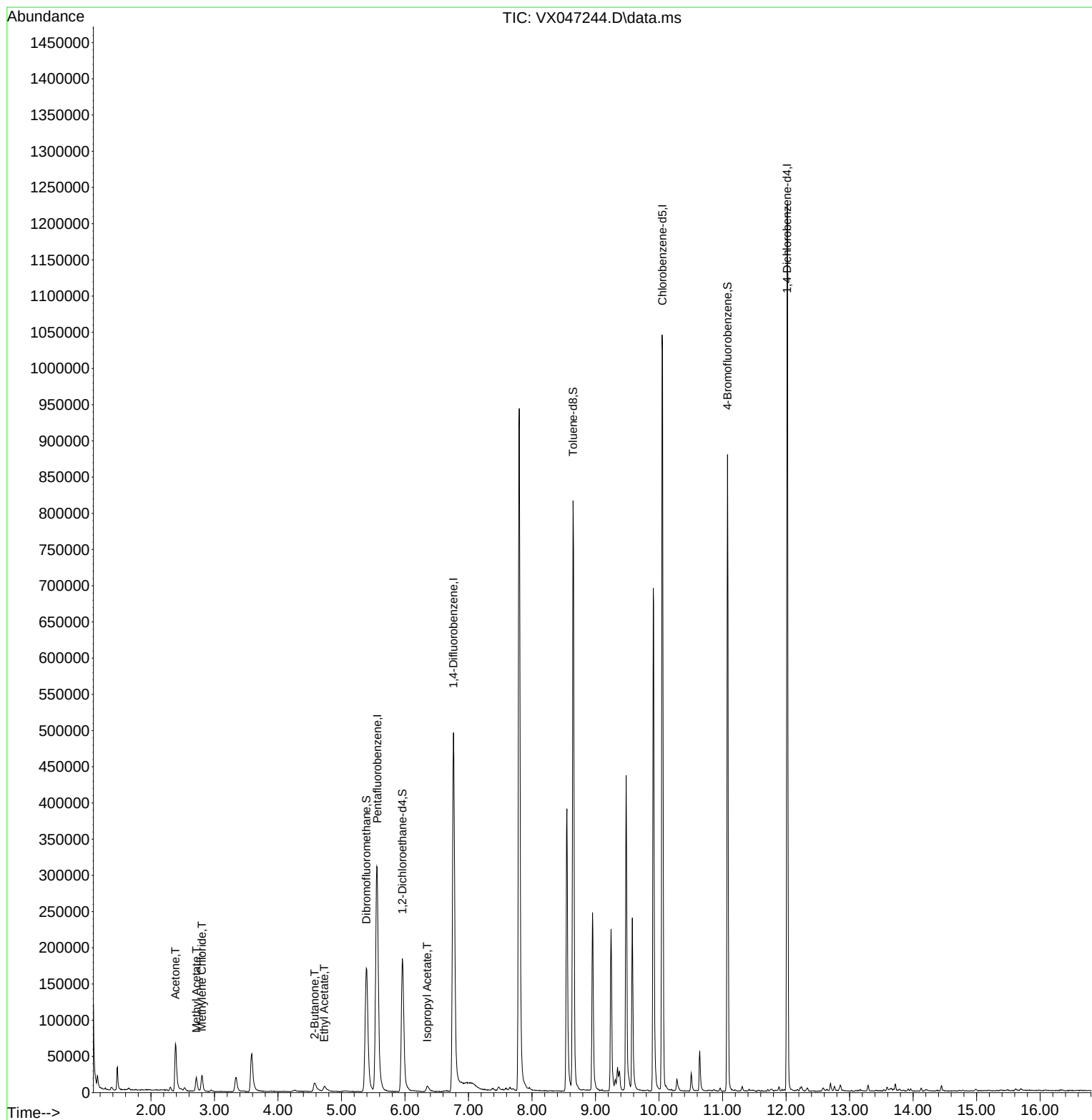
Internal Standards						
1) Pentafluorobenzene	5.562	168	313399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	531979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	240511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	193336	49.523	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.040%
35) Dibromofluoromethane	5.391	113	167100	50.874	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.740%
50) Toluene-d8	8.647	98	492543	46.304	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.600%
62) 4-Bromofluorobenzene	11.079	95	233771	50.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.000%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	94324	60.312	ug/l	100
18) Methyl Acetate	2.715	43	26780	6.444	ug/l	95
20) Methylene Chloride	2.800	84	10532	2.448	ug/l #	89
25) 2-Butanone	4.574	43	28931	12.705	ug/l	94
37) Ethyl Acetate	4.727	43	17544	3.401	ug/l	95
43) Isopropyl Acetate	6.348	43	12661	1.574	ug/l #	78

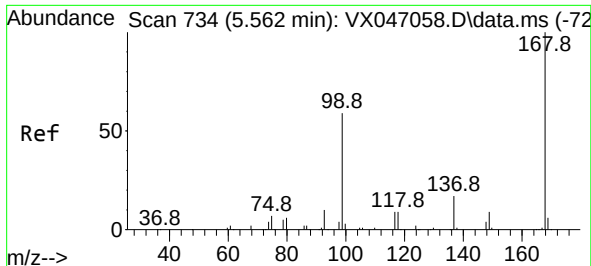
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 07 01:17:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

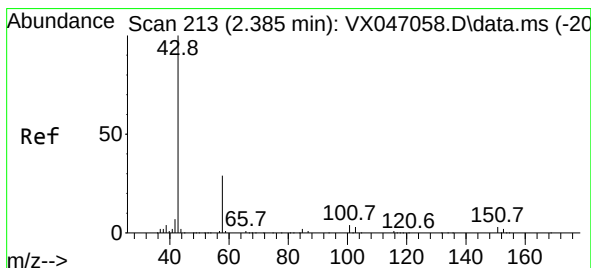
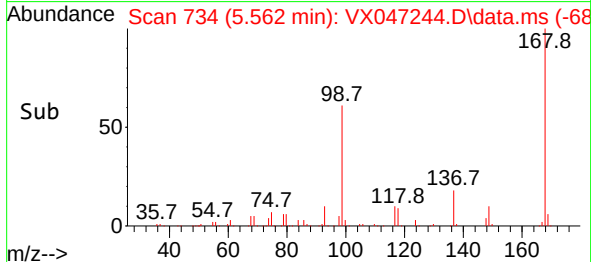
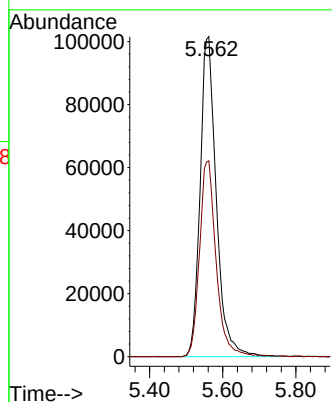
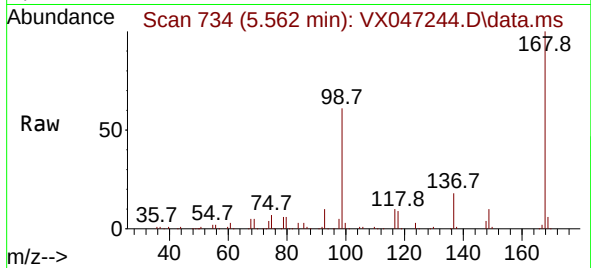




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047244.D
Acq: 06 Aug 2025 13:36

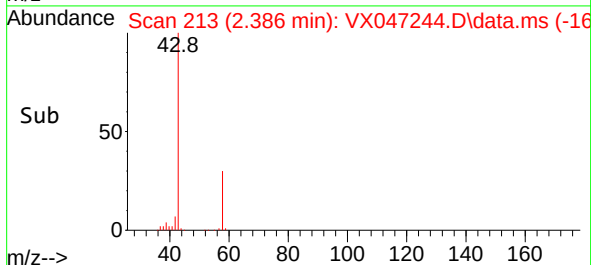
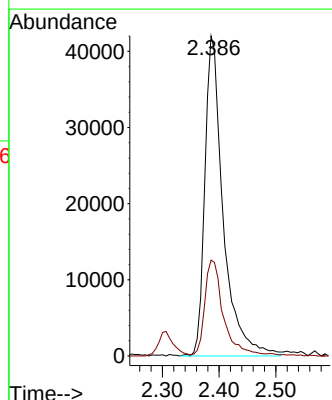
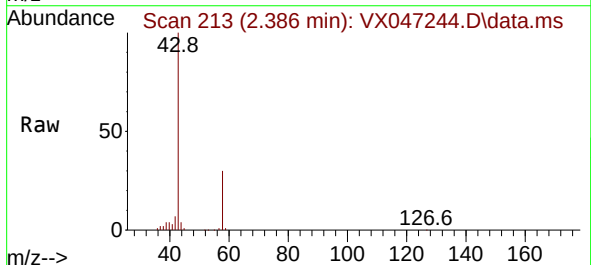
Instrument :
MSVOA_X
ClientSampleId :
TP-2

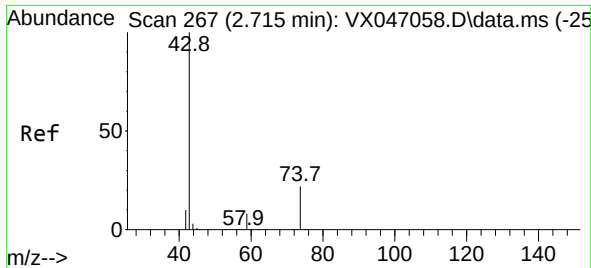
Tgt Ion:168 Resp: 313399
Ion Ratio Lower Upper
168 100
99 61.2 48.0 72.0



#16
Acetone
Concen: 60.312 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047244.D
Acq: 06 Aug 2025 13:36

Tgt Ion: 43 Resp: 94324
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0

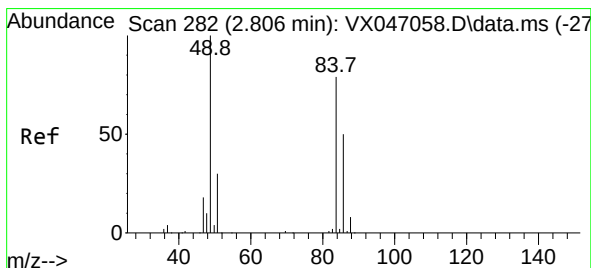
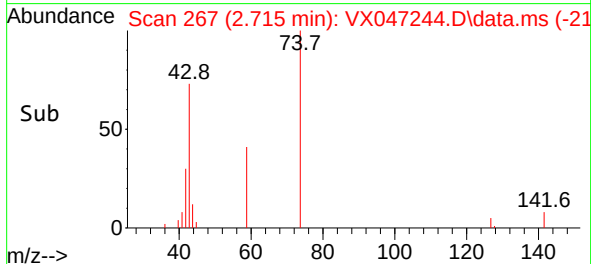
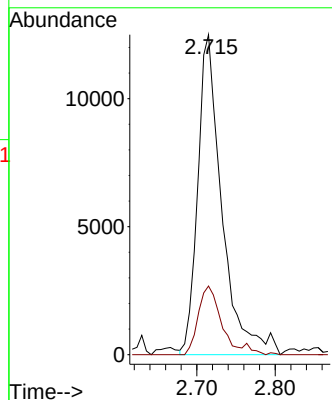
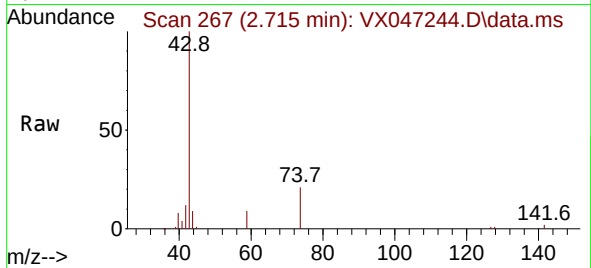




#18
Methyl Acetate
Concen: 6.444 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047244.D
Acq: 06 Aug 2025 13:36

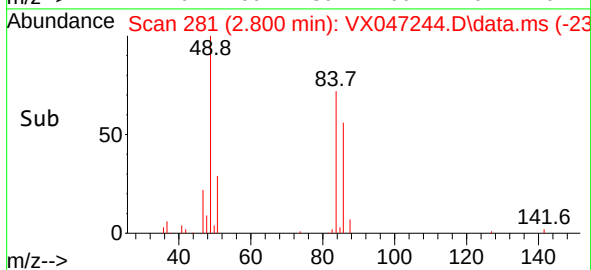
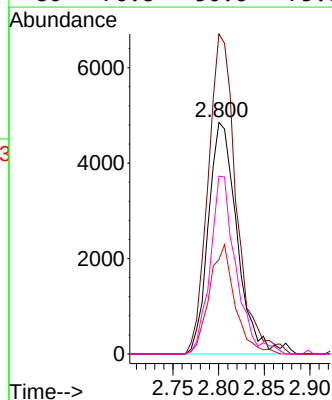
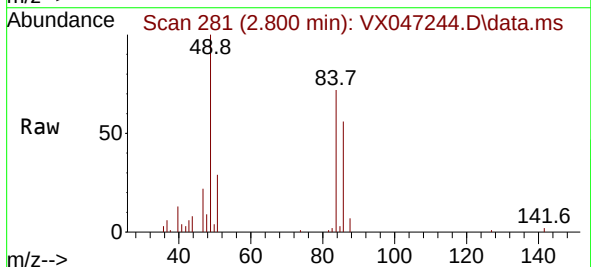
Instrument :
MSVOA_X
ClientSampleId :
TP-2

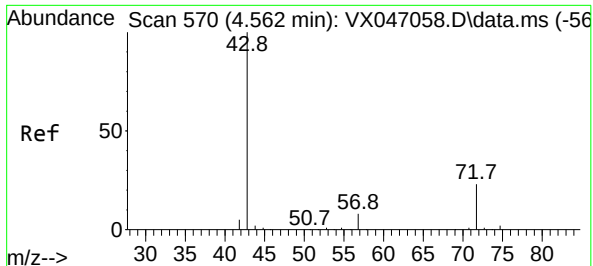
Tgt Ion: 43 Resp: 26780
Ion Ratio Lower Upper
43 100
74 19.9 17.7 26.5



#20
Methylene Chloride
Concen: 2.448 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047244.D
Acq: 06 Aug 2025 13:36

Tgt Ion: 84 Resp: 10532
Ion Ratio Lower Upper
84 100
49 138.2 101.6 152.4
51 40.8 30.3 45.5
86 76.8 50.6 75.8#

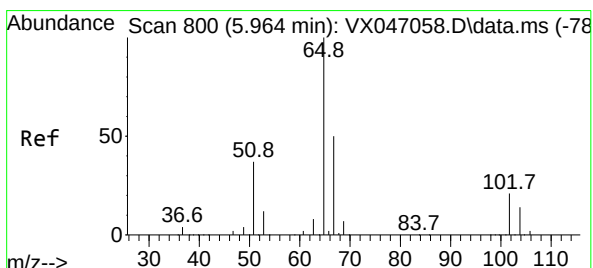
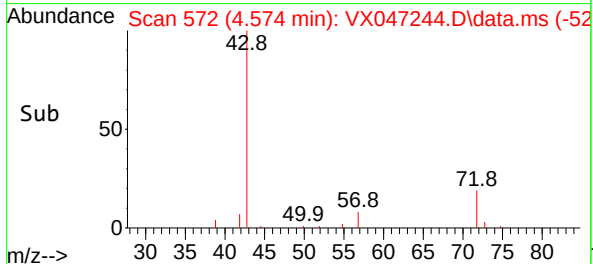
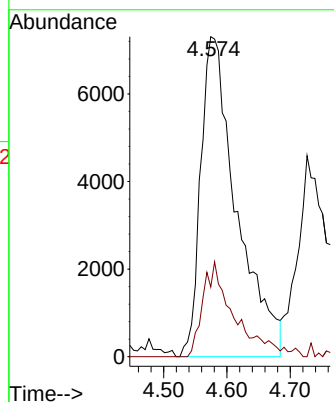
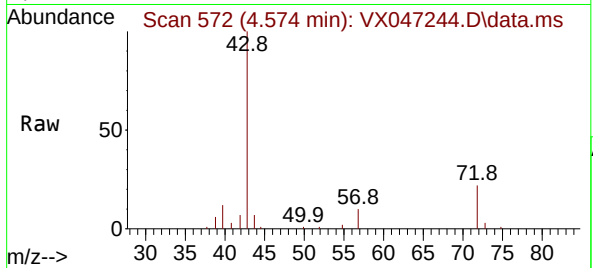




#25
2-Butanone
Concen: 12.705 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX047244.D
Acq: 06 Aug 2025 13:36

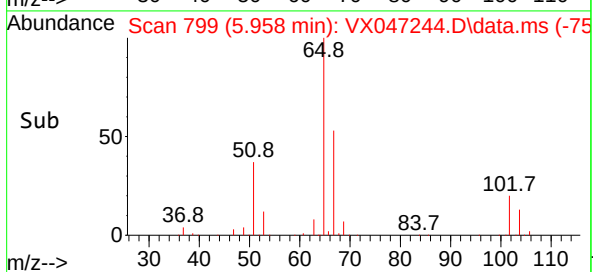
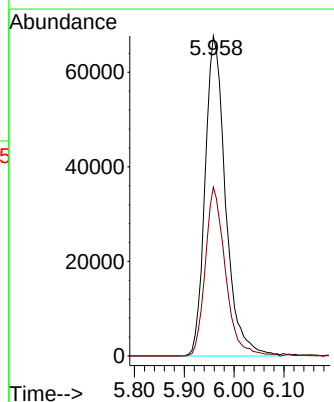
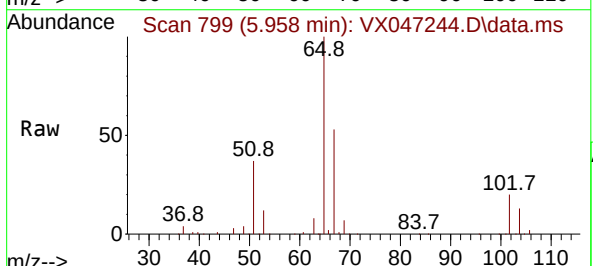
Instrument :
MSVOA_X
ClientSampleId :
TP-2

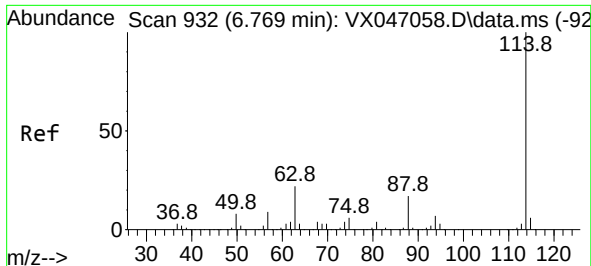
Tgt Ion: 43 Resp: 28931
Ion Ratio Lower Upper
43 100
72 20.3 18.8 28.2



#33
1,2-Dichloroethane-d4
Concen: 49.523 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047244.D
Acq: 06 Aug 2025 13:36

Tgt Ion: 65 Resp: 193336
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

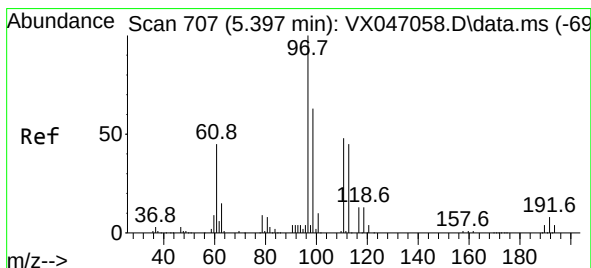
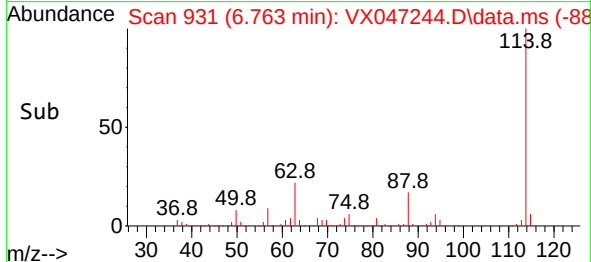
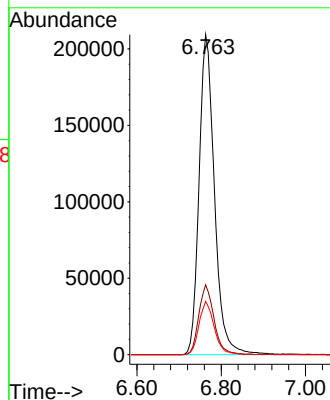
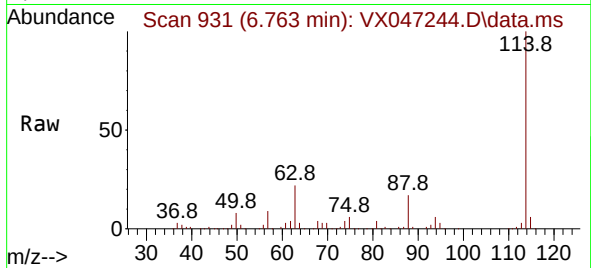




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047244.D
Acq: 06 Aug 2025 13:36

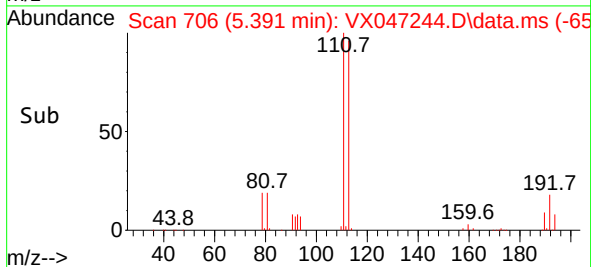
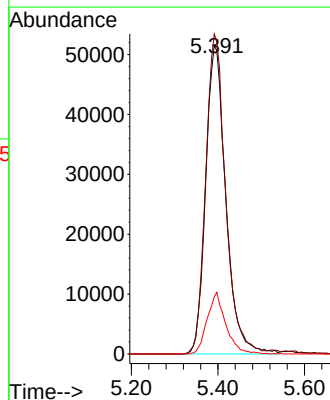
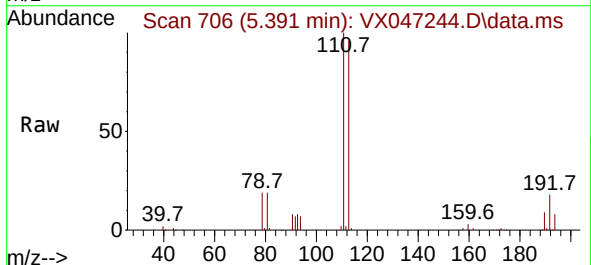
Instrument :
MSVOA_X
ClientSampleId :
TP-2

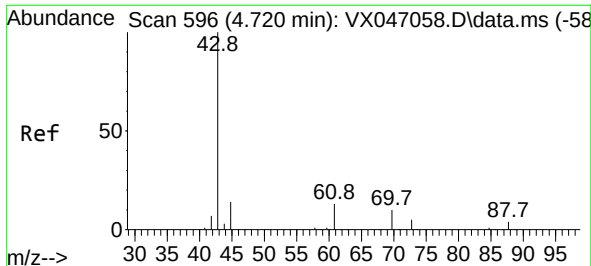
Tgt Ion:114 Resp: 531979
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 16.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.874 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047244.D
Acq: 06 Aug 2025 13:36

Tgt Ion:113 Resp: 167100
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 18.4 14.9 22.3





#37

Ethyl Acetate

Concen: 3.401 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX047244.D

Acq: 06 Aug 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

TP-2

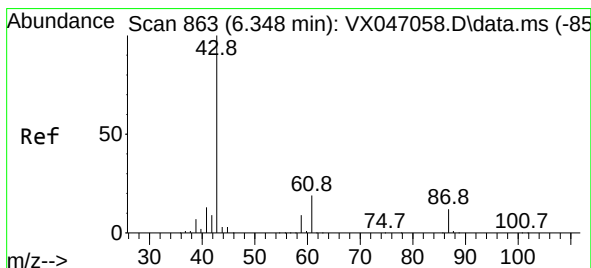
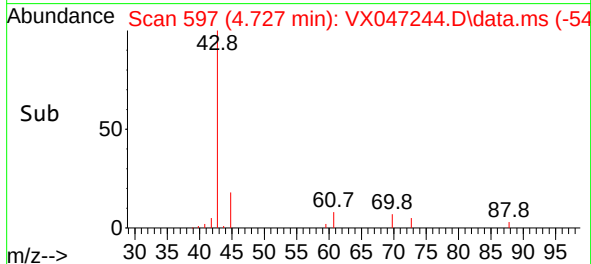
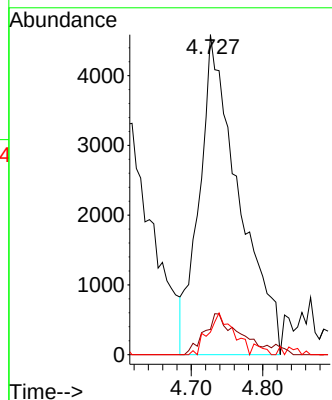
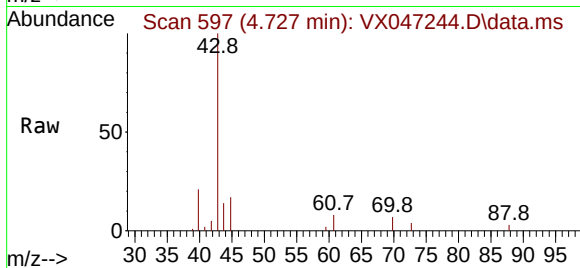
Tgt Ion: 43 Resp: 17544

Ion Ratio Lower Upper

43 100

61 11.0 10.2 15.2

70 8.2 8.1 12.1



#43

Isopropyl Acetate

Concen: 1.574 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX047244.D

Acq: 06 Aug 2025 13:36

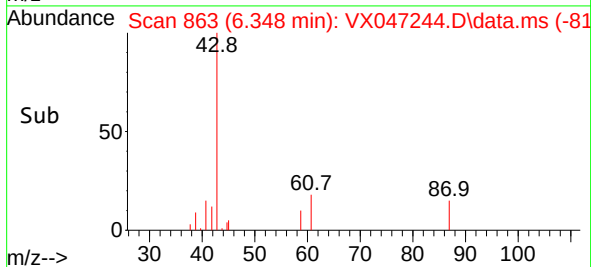
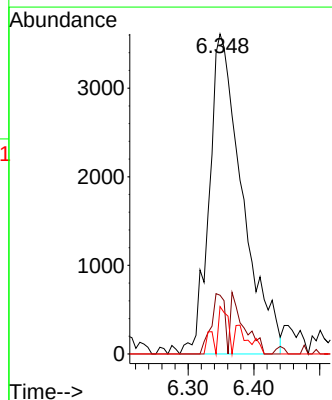
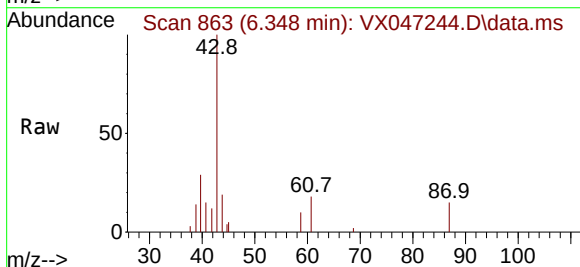
Tgt Ion: 43 Resp: 12661

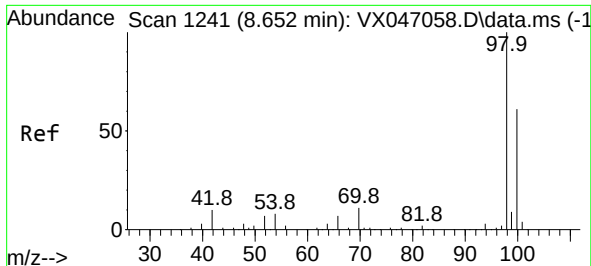
Ion Ratio Lower Upper

43 100

61 7.6 15.1 22.7#

87 5.6 9.7 14.5#





#50

Toluene-d8

Concen: 46.304 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047244.D

Acq: 06 Aug 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

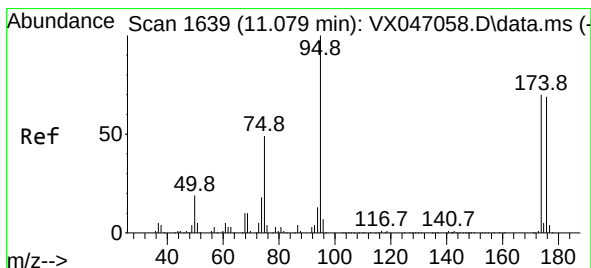
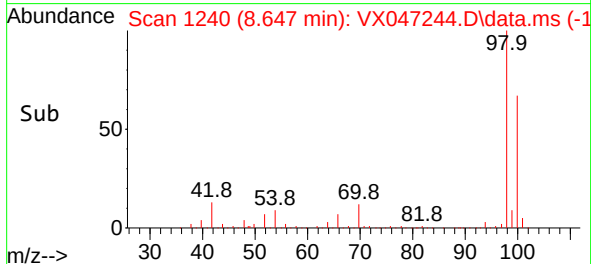
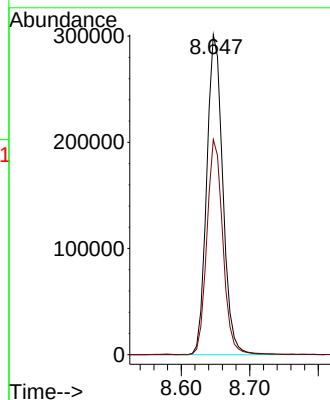
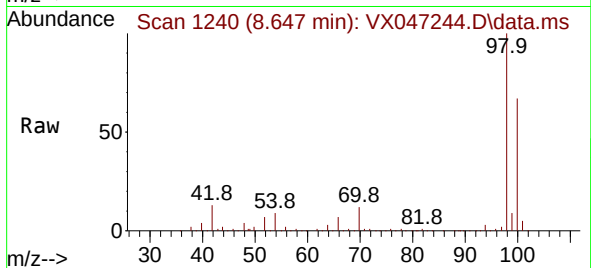
TP-2

Tgt Ion: 98 Resp: 492543

Ion Ratio Lower Upper

98 100

100 66.7 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 50.997 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047244.D

Acq: 06 Aug 2025 13:36

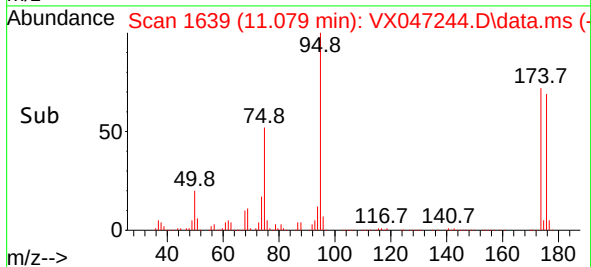
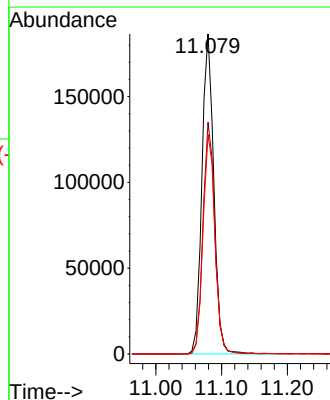
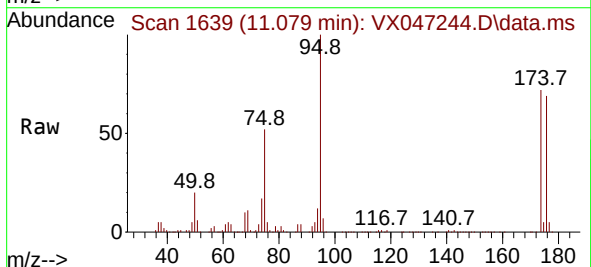
Tgt Ion: 95 Resp: 233771

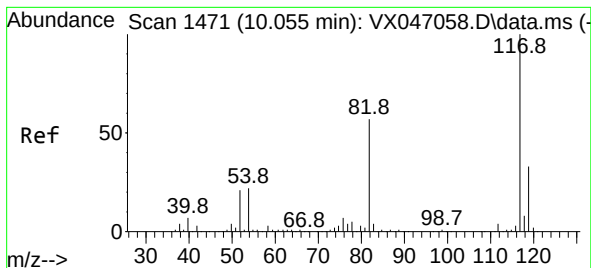
Ion Ratio Lower Upper

95 100

174 72.3 0.0 144.6

176 69.1 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: VX047244.D

Acq: 06 Aug 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

TP-2

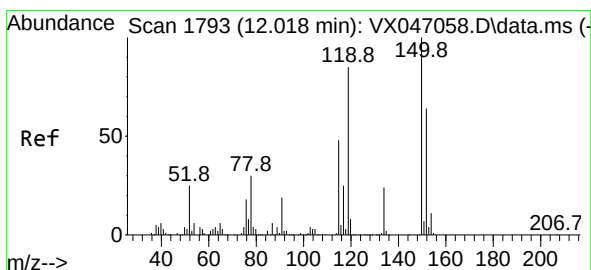
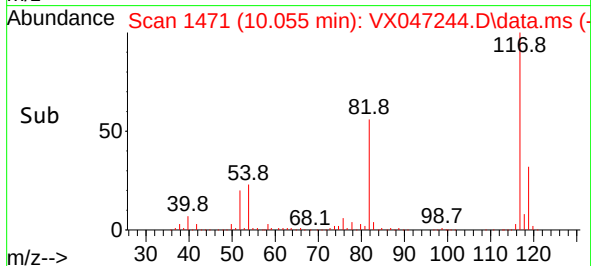
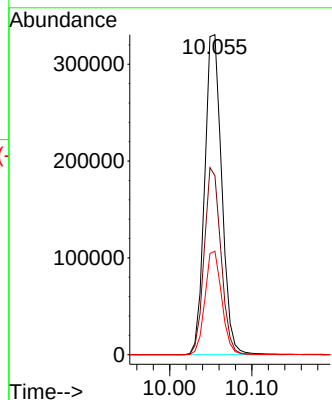
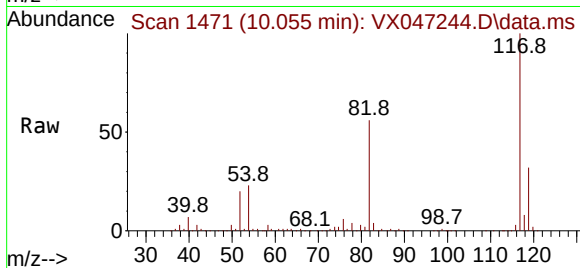
Tgt Ion:117 Resp: 476787

Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.2

119 32.4 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047244.D

Acq: 06 Aug 2025 13:36

Tgt Ion:152 Resp: 240511

Ion Ratio Lower Upper

152 100

115 62.3 45.6 136.7

150 159.4 0.0 354.6

