

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047085.D
 Acq On : 23 Jul 2025 13:04
 Operator : JC/MD
 Sample : Q2668-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Jul 24 05:48:15 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)

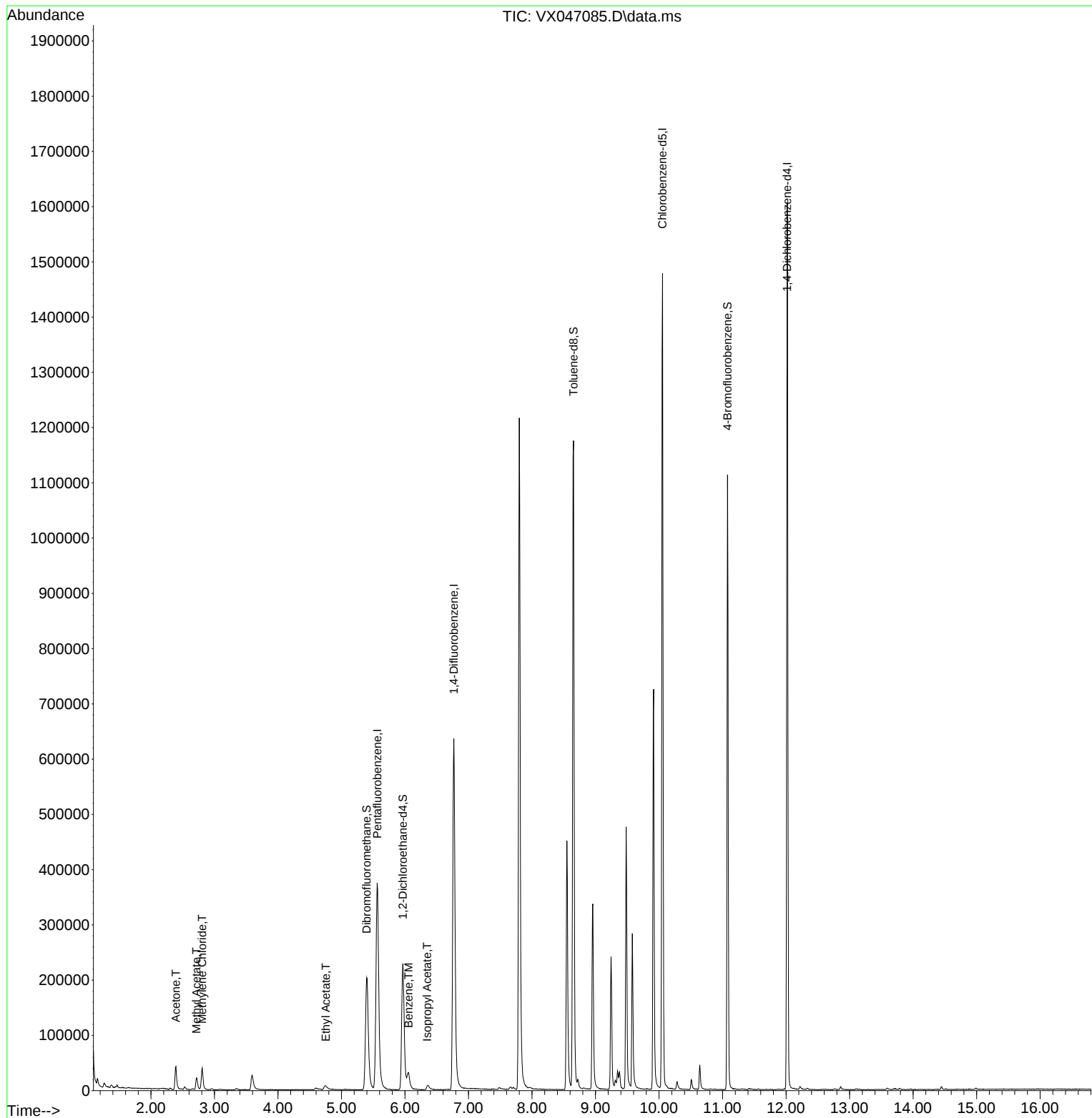
Internal Standards						
1) Pentafluorobenzene	5.562	168	366953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	672516	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	644011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	316311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	241280	52.784	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.560%		
35) Dibromofluoromethane	5.397	113	196015	47.206	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.420%		
50) Toluene-d8	8.653	98	711982	52.946	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.900%		
62) 4-Bromofluorobenzene	11.079	95	294116	50.753	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.500%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	53372	29.146	ug/l	99
18) Methyl Acetate	2.715	43	32249	6.627	ug/l	98
20) Methylene Chloride	2.806	84	18804	3.733	ug/l	97
37) Ethyl Acetate	4.751	43	18530m	2.841	ug/l	
40) Benzene	6.056	78	35851	1.750	ug/l	97
43) Isopropyl Acetate	6.348	43	12979	1.276	ug/l #	62

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

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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

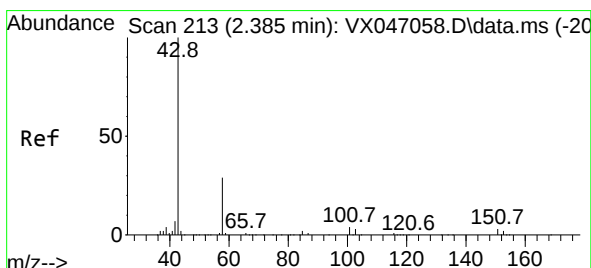
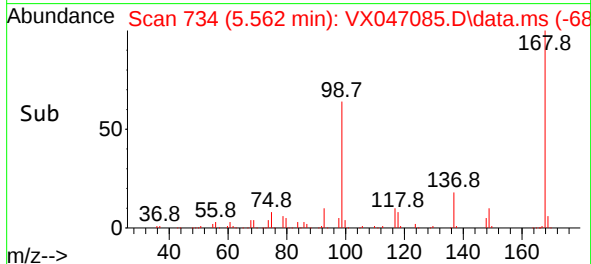
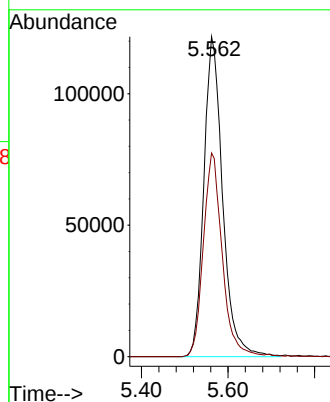
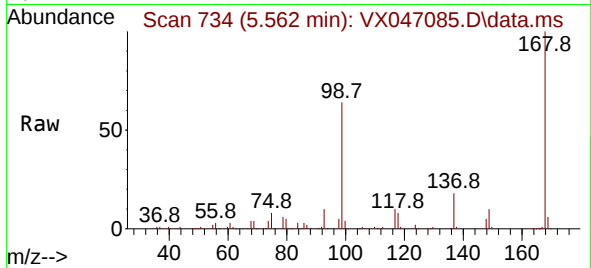




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047085.D
Acq: 23 Jul 2025 13:04

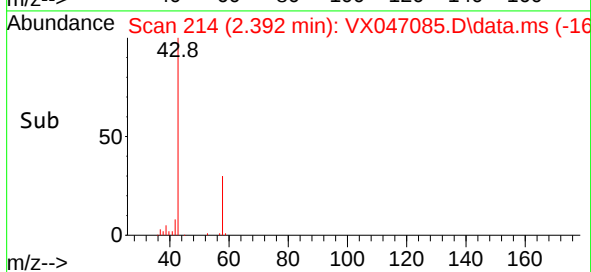
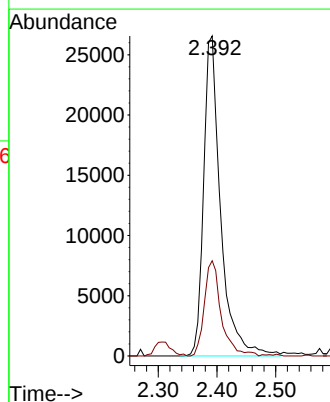
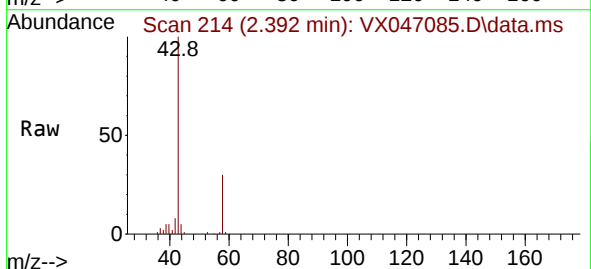
Instrument :
MSVOA_X
ClientSampleId :
TP-1

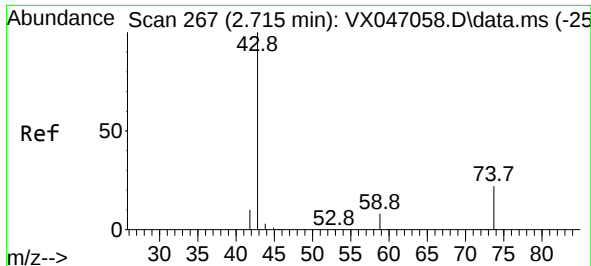
Tgt Ion:168 Resp: 366953
Ion Ratio Lower Upper
168 100
99 63.6 48.0 72.0



#16
Acetone
Concen: 29.146 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047085.D
Acq: 23 Jul 2025 13:04

Tgt Ion: 43 Resp: 53372
Ion Ratio Lower Upper
43 100
58 29.4 24.0 36.0

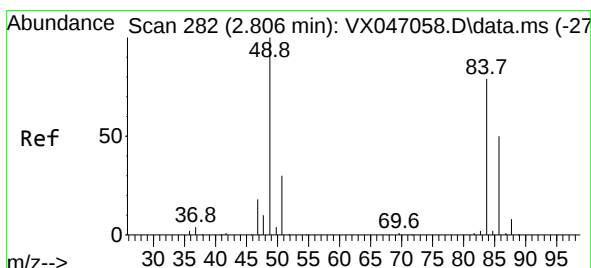
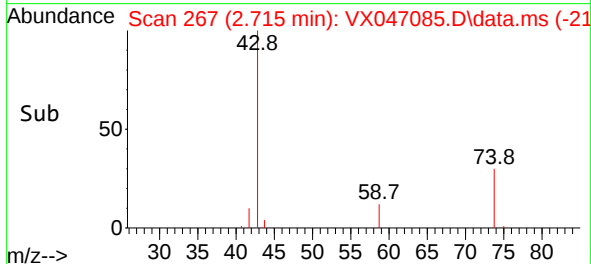
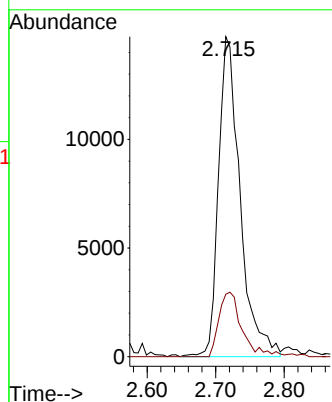
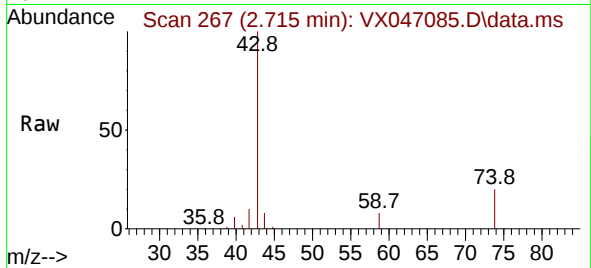




#18
Methyl Acetate
Concen: 6.627 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047085.D
Acq: 23 Jul 2025 13:04

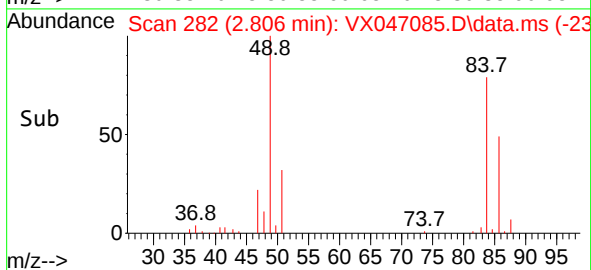
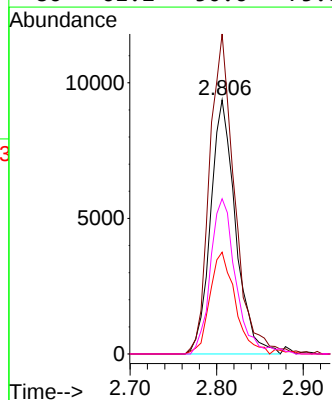
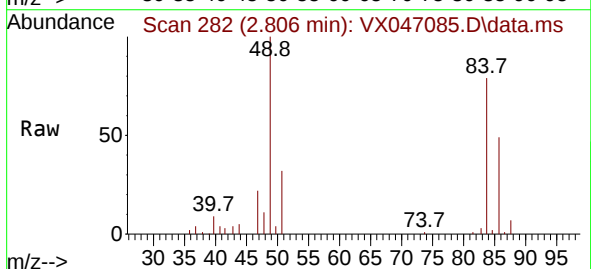
Instrument :
MSVOA_X
ClientSampleId :
TP-1

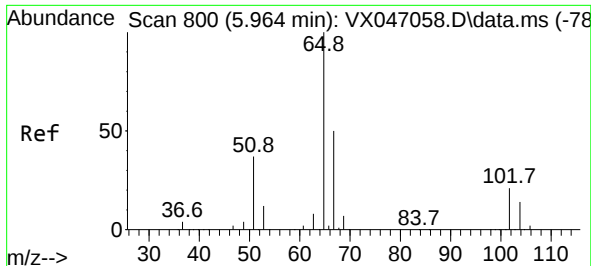
Tgt Ion: 43 Resp: 32249
Ion Ratio Lower Upper
43 100
74 21.3 17.7 26.5



#20
Methylene Chloride
Concen: 3.733 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047085.D
Acq: 23 Jul 2025 13:04

Tgt Ion: 84 Resp: 18804
Ion Ratio Lower Upper
84 100
49 123.6 101.6 152.4
51 39.3 30.3 45.5
86 61.2 50.6 75.8

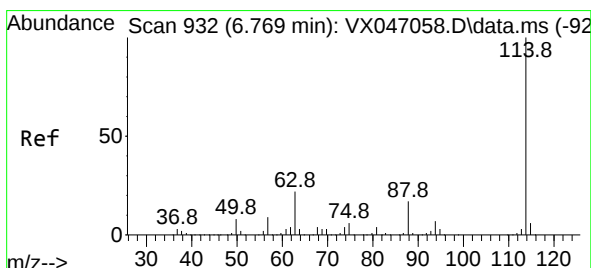
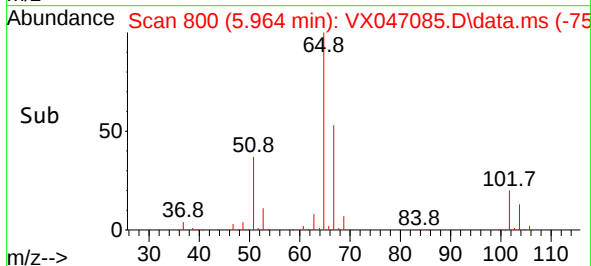
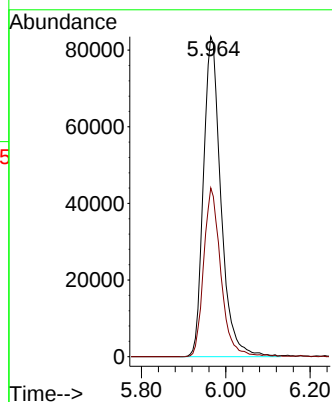
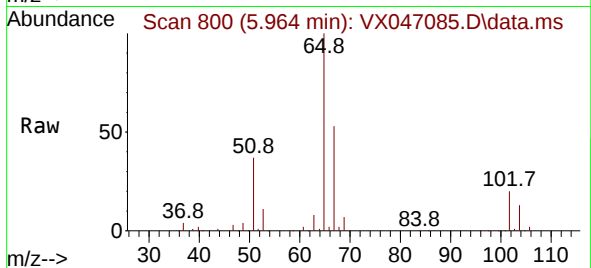




#33
 1,2-Dichloroethane-d4
 Concen: 52.784 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047085.D
 Acq: 23 Jul 2025 13:04

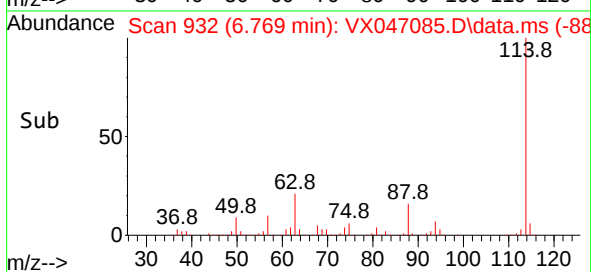
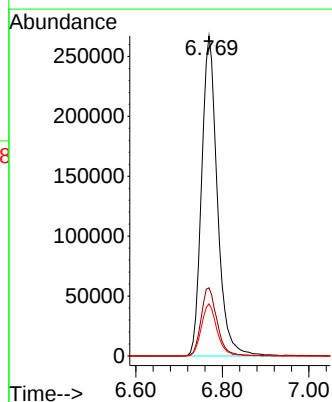
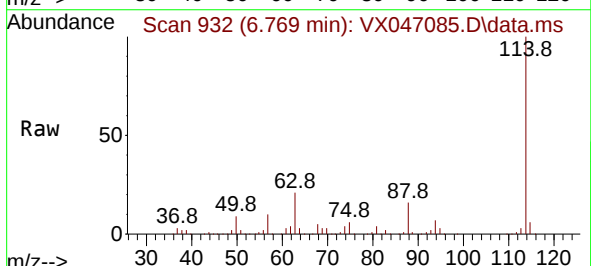
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

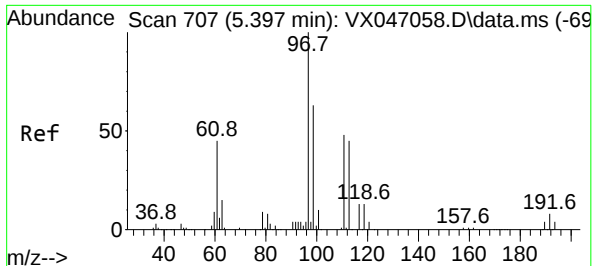
Tgt Ion: 65 Resp: 241280
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047085.D
 Acq: 23 Jul 2025 13:04

Tgt Ion: 114 Resp: 672516
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.206 ug/l

RT: 5.397 min Scan# 70

Delta R.T. 0.000 min

Lab File: VX047085.D

Acq: 23 Jul 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

TP-1

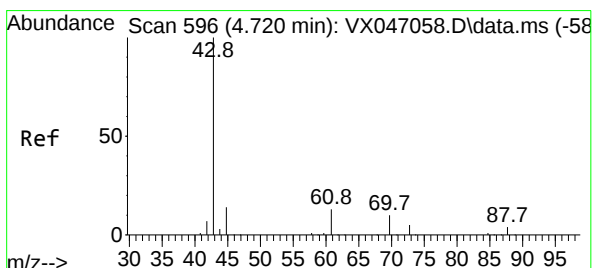
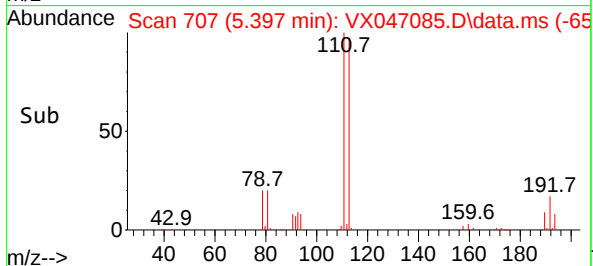
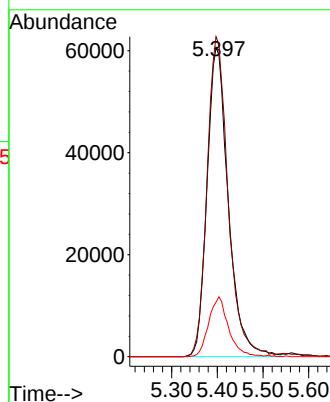
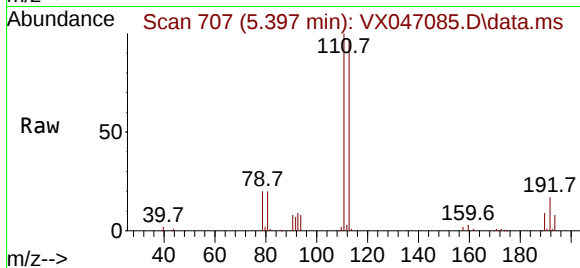
Tgt Ion:113 Resp: 196015

Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 18.1 14.9 22.3



#37

Ethyl Acetate

Concen: 2.841 ug/l m

RT: 4.751 min Scan# 601

Delta R.T. 0.031 min

Lab File: VX047085.D

Acq: 23 Jul 2025 13:04

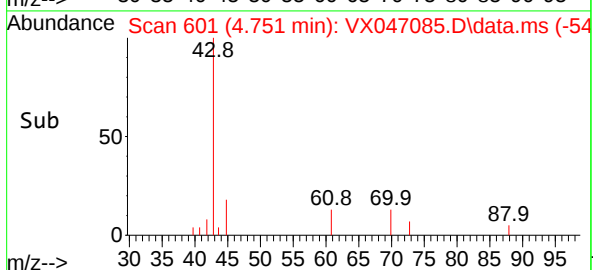
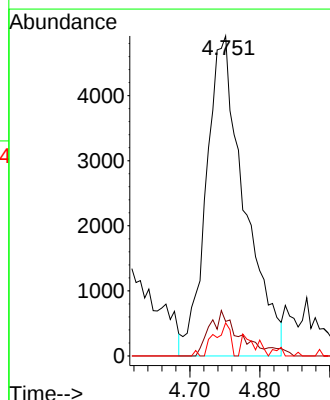
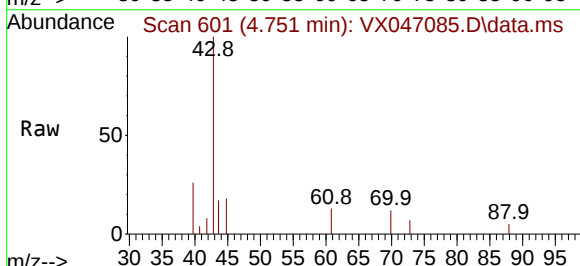
Tgt Ion: 43 Resp: 18530

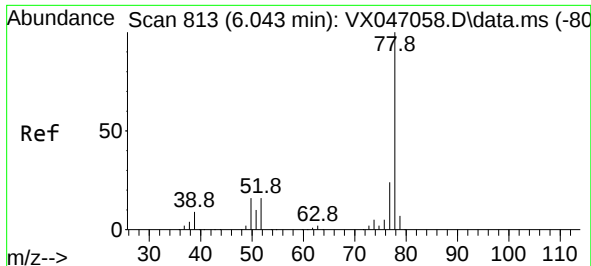
Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.2#

70 0.0 8.1 12.1#





#40

Benzene

Concen: 1.750 ug/l

RT: 6.056 min Scan# 813

Delta R.T. 0.012 min

Lab File: VX047085.D

Acq: 23 Jul 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

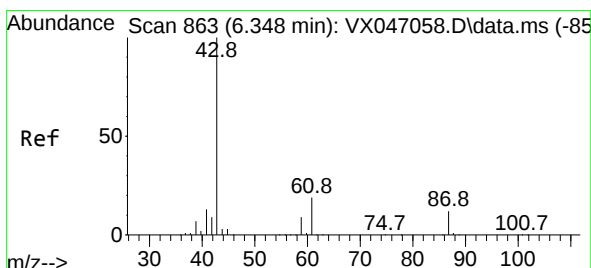
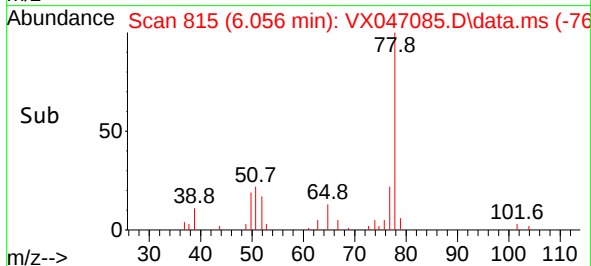
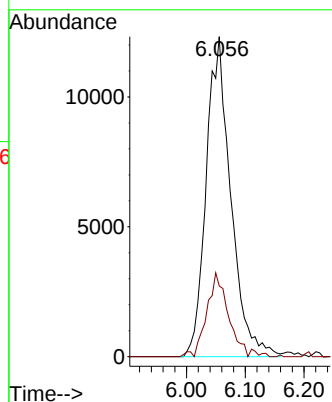
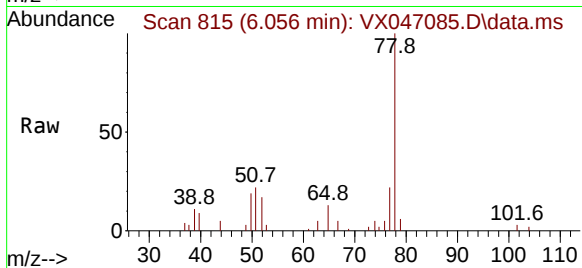
TP-1

Tgt Ion: 78 Resp: 35851

Ion Ratio Lower Upper

78 100

77 22.1 19.0 28.4



#43

Isopropyl Acetate

Concen: 1.276 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX047085.D

Acq: 23 Jul 2025 13:04

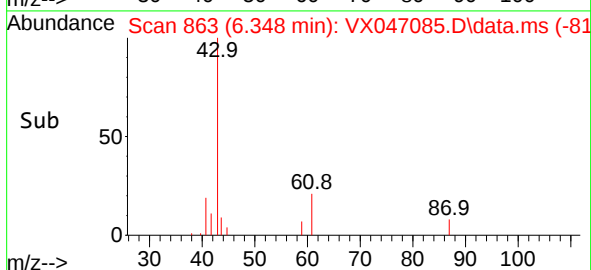
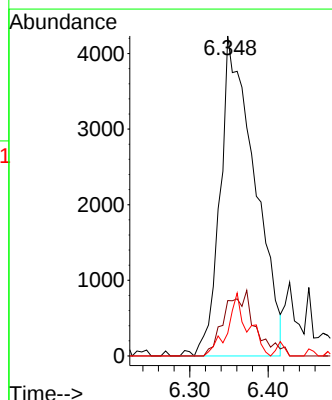
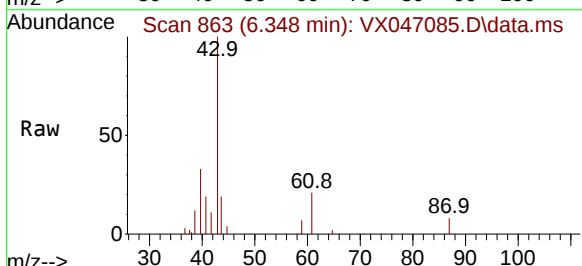
Tgt Ion: 43 Resp: 12979

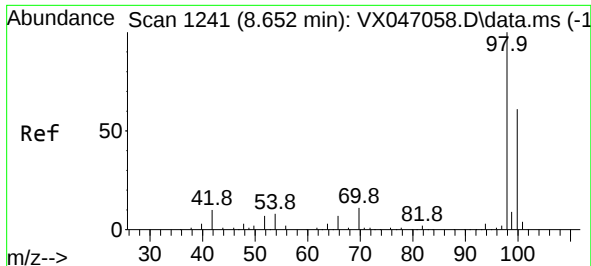
Ion Ratio Lower Upper

43 100

61 0.0 15.1 22.7#

87 0.0 9.7 14.5#

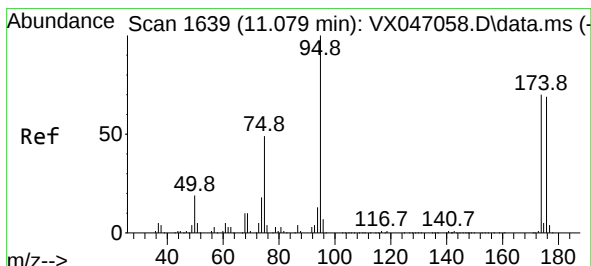
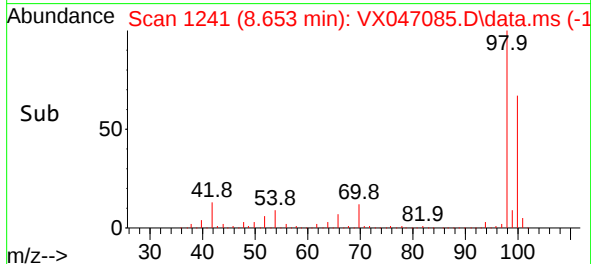
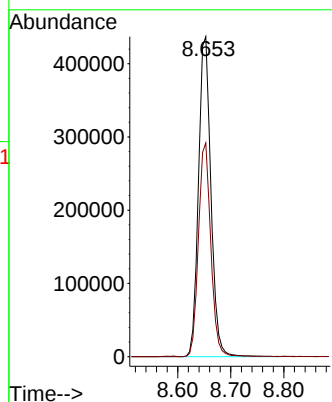
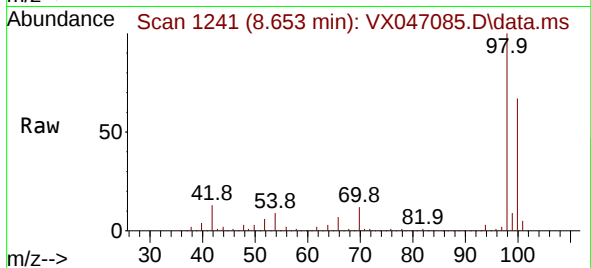




#50
Toluene-d8
Concen: 52.946 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047085.D
Acq: 23 Jul 2025 13:04

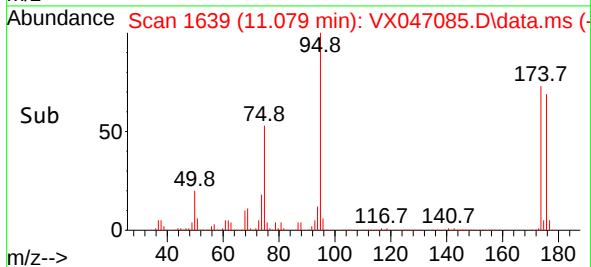
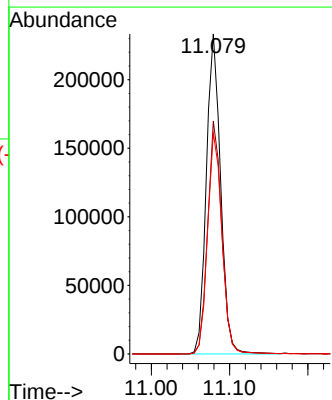
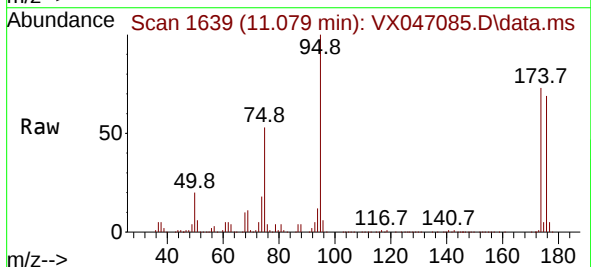
Instrument :
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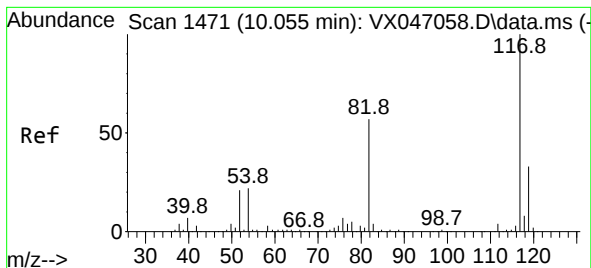
Tgt Ion: 98 Resp: 711982
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 50.753 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047085.D
Acq: 23 Jul 2025 13:04

Tgt Ion: 95 Resp: 294116
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.6
176 69.8 0.0 139.6

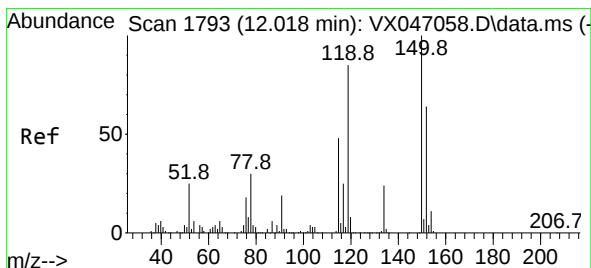
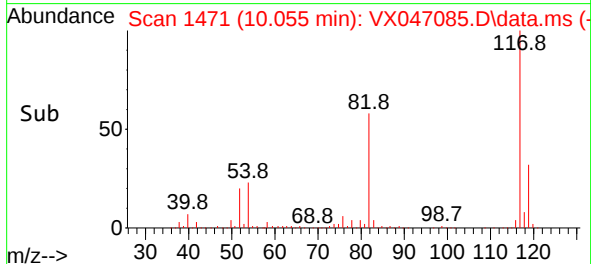
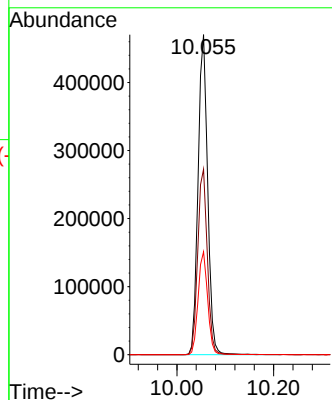
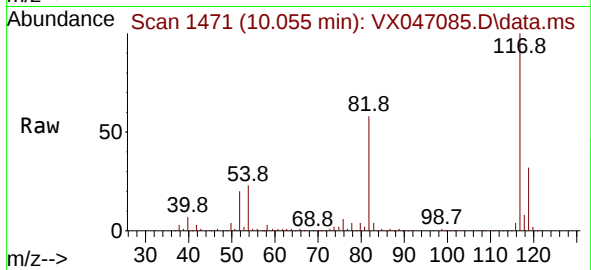




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047085.D
Acq: 23 Jul 2025 13:04

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 644011
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.2
119 32.2 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: VX047085.D
Acq: 23 Jul 2025 13:04

Tgt Ion:152 Resp: 316311
Ion Ratio Lower Upper
152 100
115 62.3 45.6 136.7
150 157.8 0.0 354.6

