

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046693.D
 Acq On : 13 Jun 2025 16:41
 Operator : JC/MD
 Sample : Q2296-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-3

Quant Time: Jun 13 23:32:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

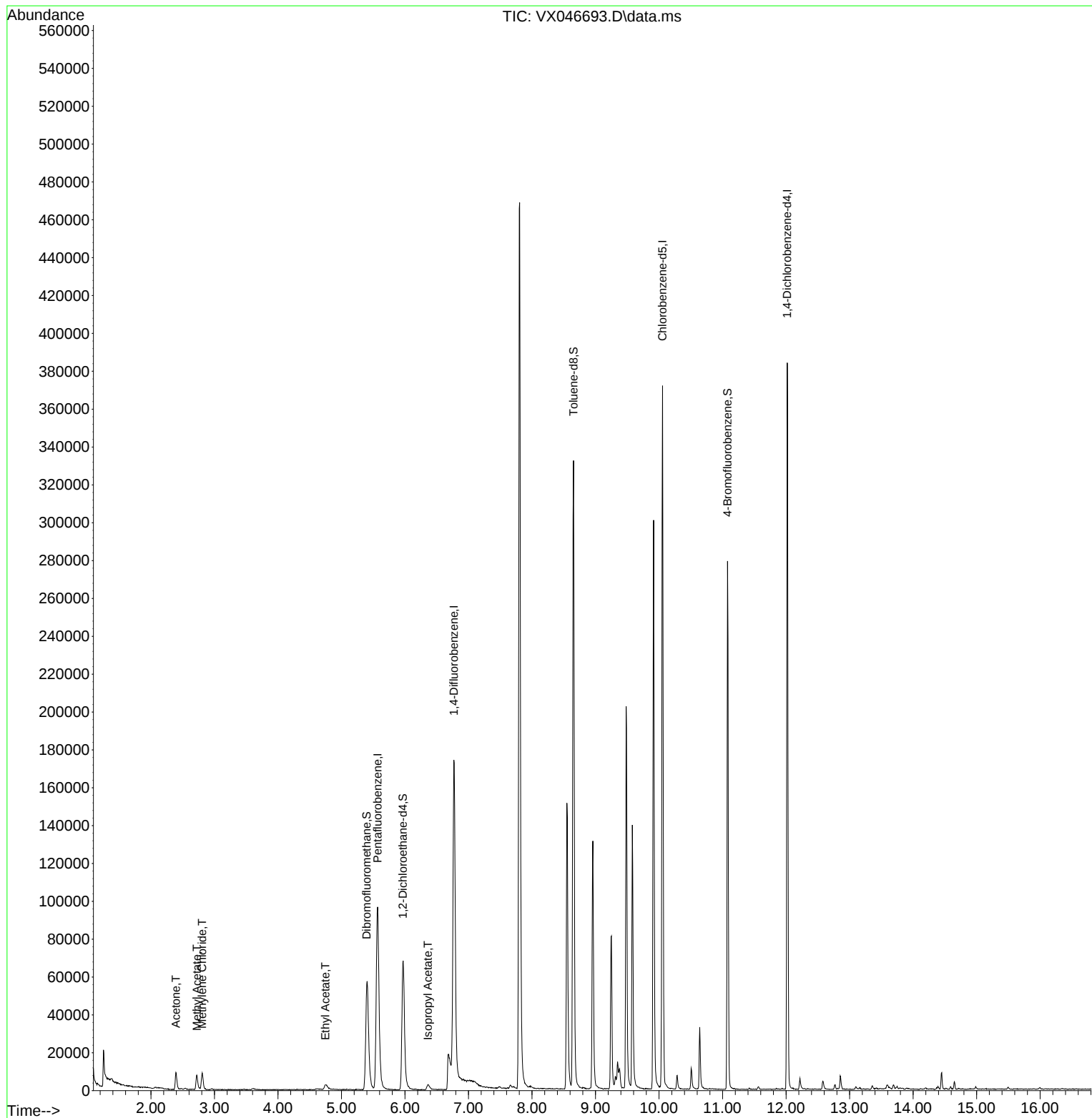
Internal Standards						
1) Pentafluorobenzene	5.568	168	92370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	169535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	74297	45.211	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.420%
35) Dibromofluoromethane	5.397	113	55243	44.309	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.620%
50) Toluene-d8	8.653	98	197948	48.158	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.320%
62) 4-Bromofluorobenzene	11.079	95	76084	44.738	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.480%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	11389	21.918	ug/l	91
18) Methyl Acetate	2.721	43	10762	5.498	ug/l	94
20) Methylene Chloride	2.806	84	4101	3.111	ug/l	92
37) Ethyl Acetate	4.745	43	5802	3.338	ug/l	99
43) Isopropyl Acetate	6.361	43	4920	1.624	ug/l #	93

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

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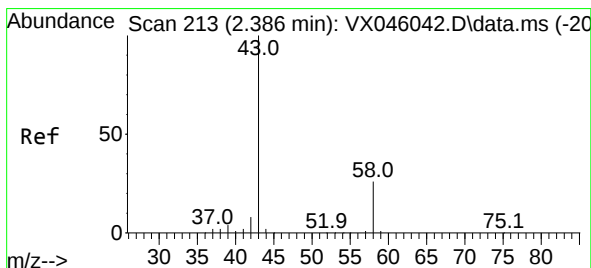
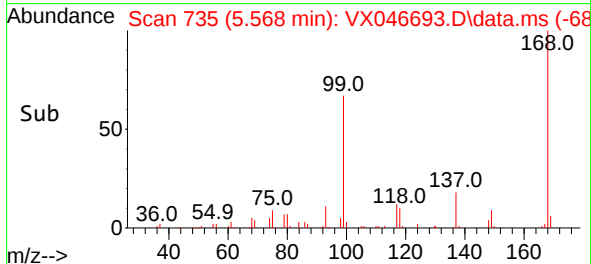
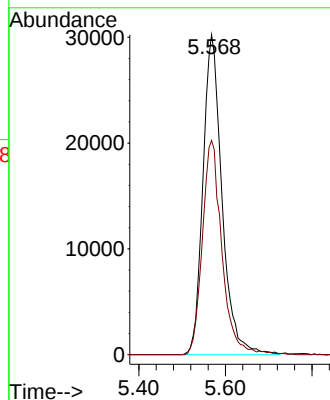
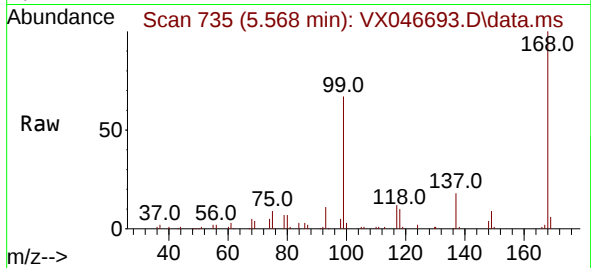




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046693.D
Acq: 13 Jun 2025 16:41

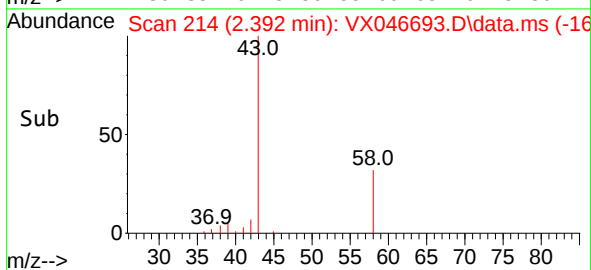
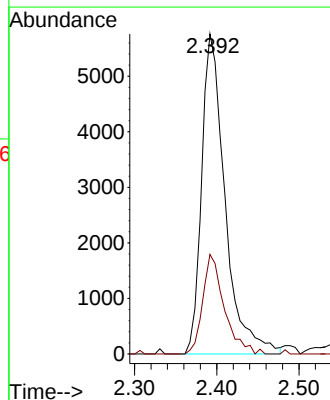
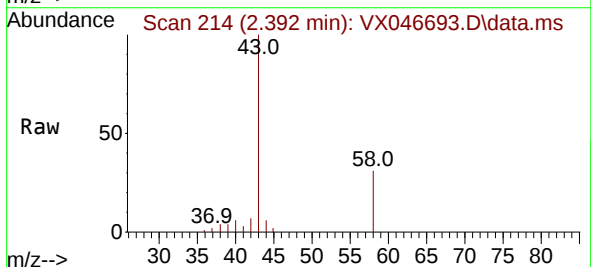
Instrument :
MSVOA_X
ClientSampleId :
WC-3

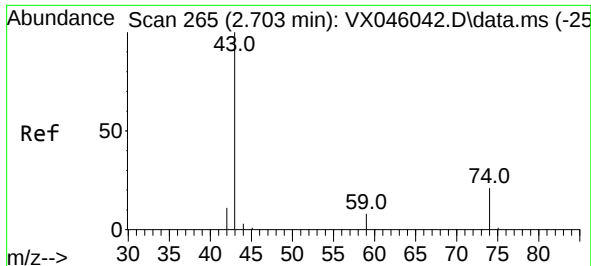
Tgt Ion:168 Resp: 92370
Ion Ratio Lower Upper
168 100
99 67.0 54.9 82.3



#16
Acetone
Concen: 21.918 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046693.D
Acq: 13 Jun 2025 16:41

Tgt Ion: 43 Resp: 11389
Ion Ratio Lower Upper
43 100
58 31.1 21.2 31.8

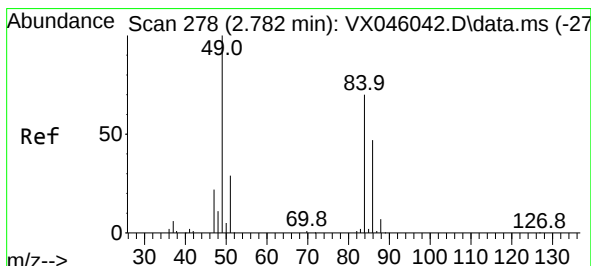
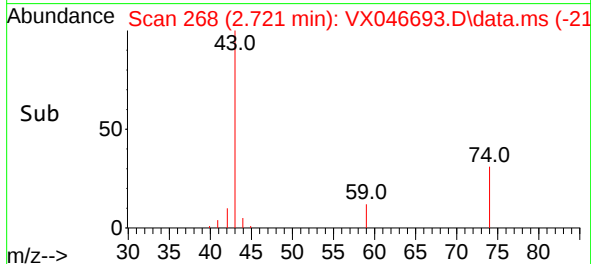
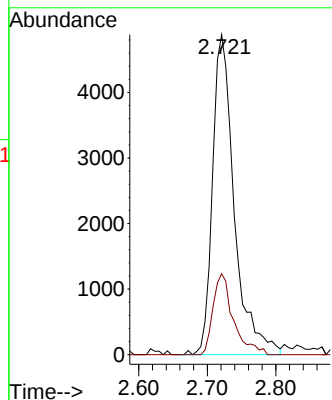
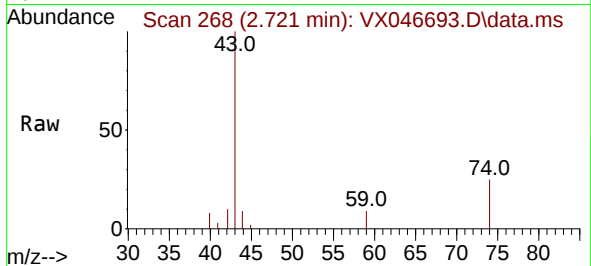




#18
Methyl Acetate
Concen: 5.498 ug/l
RT: 2.721 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046693.D
Acq: 13 Jun 2025 16:41

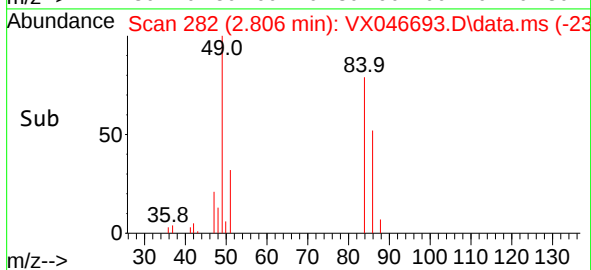
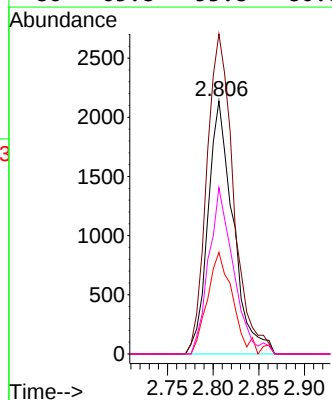
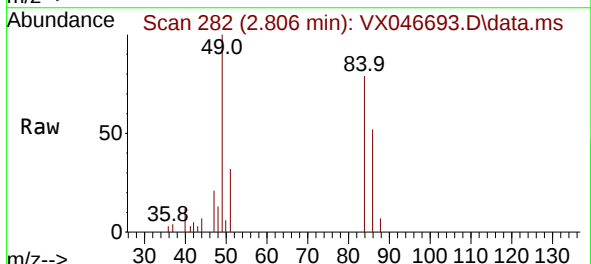
Instrument :
MSVOA_X
ClientSampleId :
WC-3

Tgt Ion: 43 Resp: 10762
Ion Ratio Lower Upper
43 100
74 23.6 16.7 25.1



#20
Methylene Chloride
Concen: 3.111 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046693.D
Acq: 13 Jun 2025 16:41

Tgt Ion: 84 Resp: 4101
Ion Ratio Lower Upper
84 100
49 126.5 113.9 170.9
51 40.1 33.5 50.3
86 65.8 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 45.211 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.006 min

Lab File: VX046693.D

Acq: 13 Jun 2025 16:41

Instrument :

MSVOA_X

ClientSampleId :

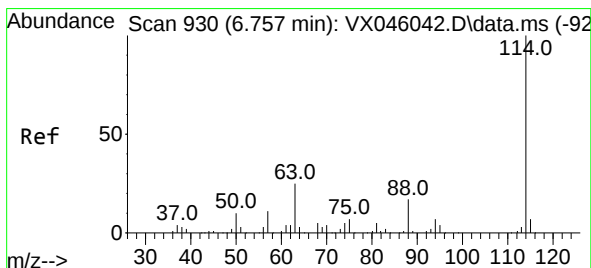
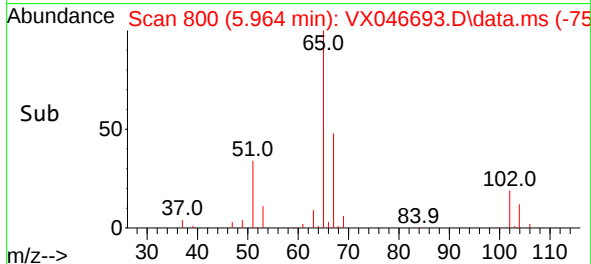
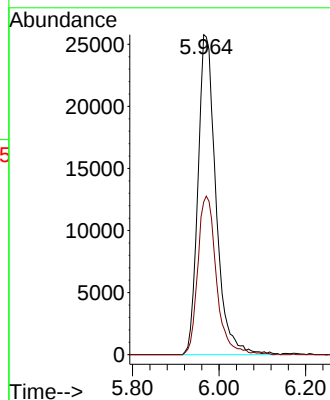
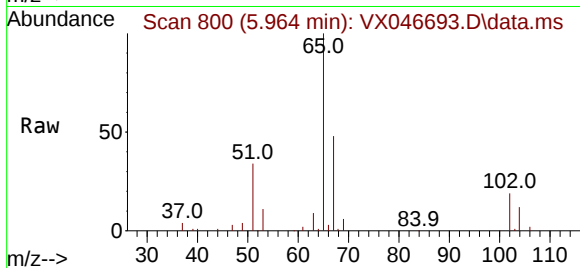
WC-3

Tgt Ion: 65 Resp: 74297

Ion Ratio Lower Upper

65 100

67 51.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046693.D

Acq: 13 Jun 2025 16:41

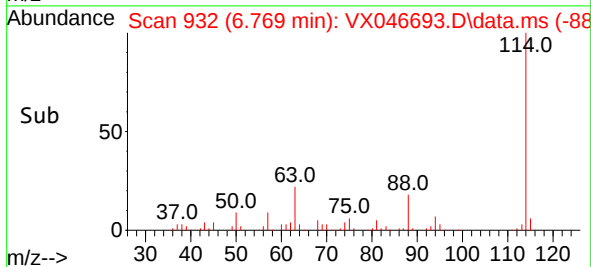
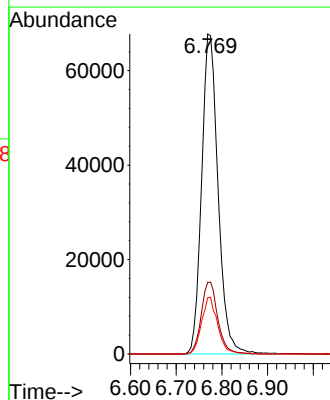
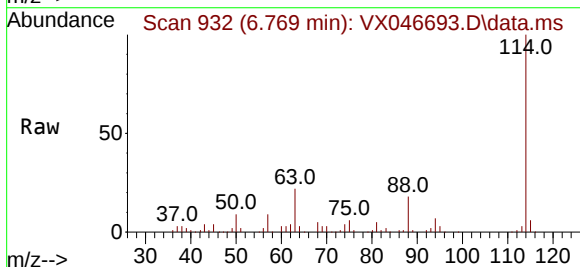
Tgt Ion: 114 Resp: 169535

Ion Ratio Lower Upper

114 100

63 22.4 0.0 49.2

88 17.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 44.309 ug/l

RT: 5.397 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX046693.D

Acq: 13 Jun 2025 16:41

Instrument :

MSVOA_X

ClientSampleId :

WC-3

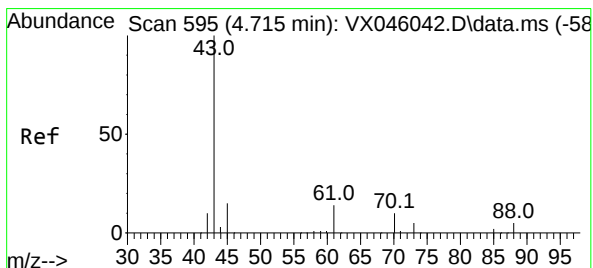
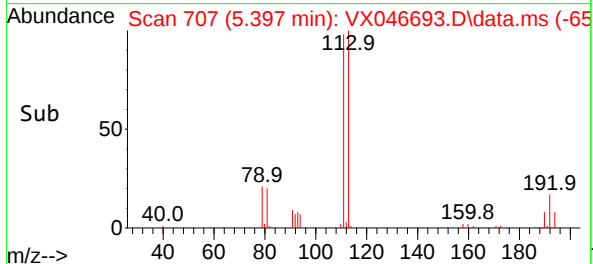
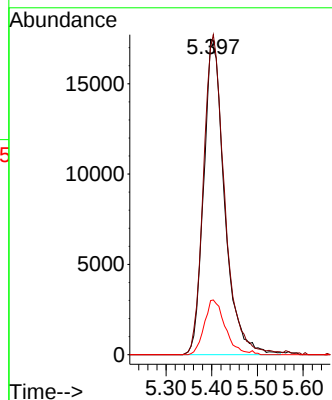
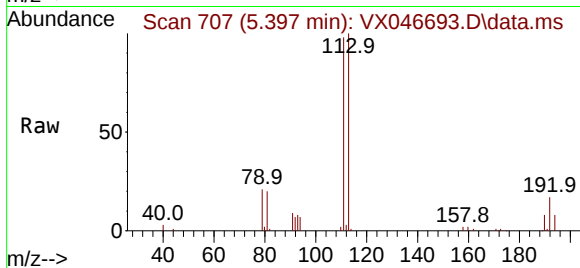
Tgt Ion:113 Resp: 55243

Ion Ratio Lower Upper

113 100

111 103.2 83.1 124.7

192 17.4 13.3 19.9



#37

Ethyl Acetate

Concen: 3.338 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.012 min

Lab File: VX046693.D

Acq: 13 Jun 2025 16:41

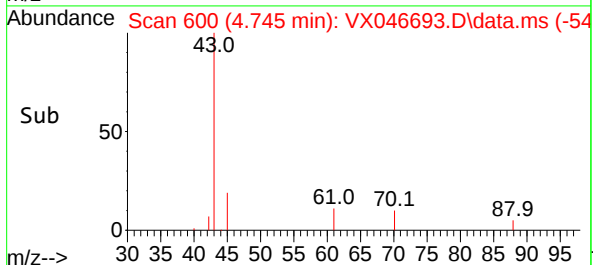
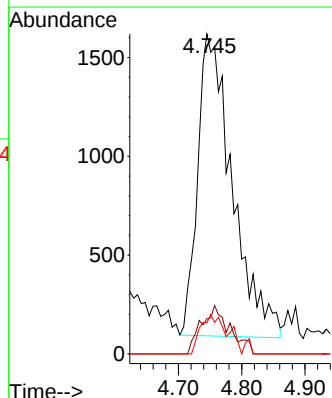
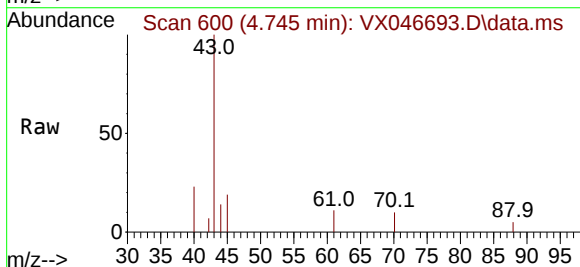
Tgt Ion: 43 Resp: 5802

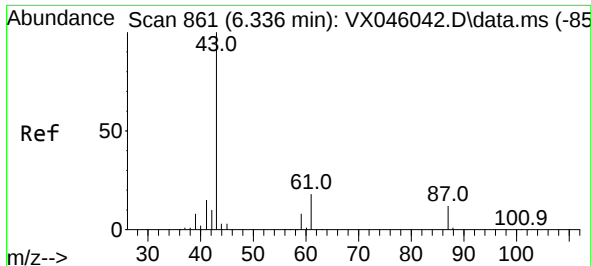
Ion Ratio Lower Upper

43 100

61 13.2 10.3 15.5

70 10.0 7.9 11.9

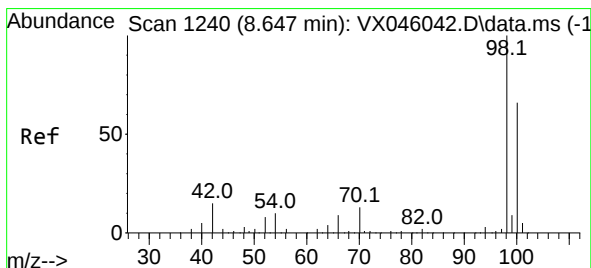
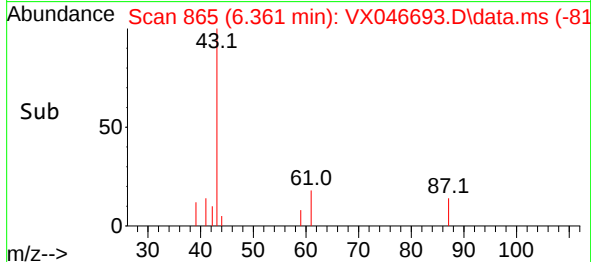
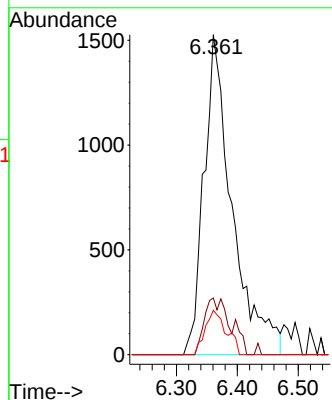
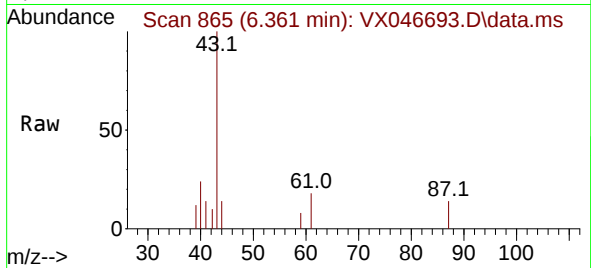




#43
Isopropyl Acetate
Concen: 1.624 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.007 min
Lab File: VX046693.D
Acq: 13 Jun 2025 16:41

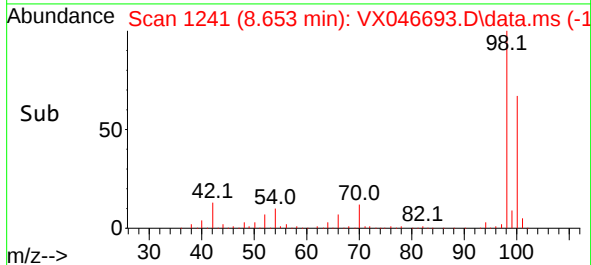
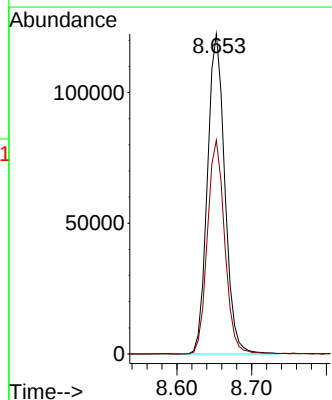
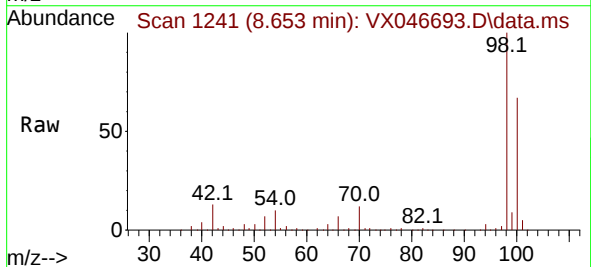
Instrument :
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ClientSampleId :
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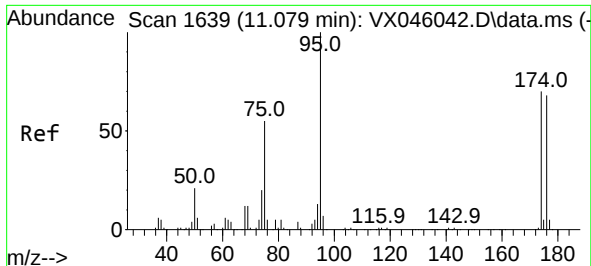
Tgt Ion: 43 Resp: 4920
Ion Ratio Lower Upper
43 100
61 13.7 14.3 21.5#
87 10.3 9.5 14.3



#50
Toluene-d8
Concen: 48.158 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046693.D
Acq: 13 Jun 2025 16:41

Tgt Ion: 98 Resp: 197948
Ion Ratio Lower Upper
98 100
100 66.6 53.5 80.3

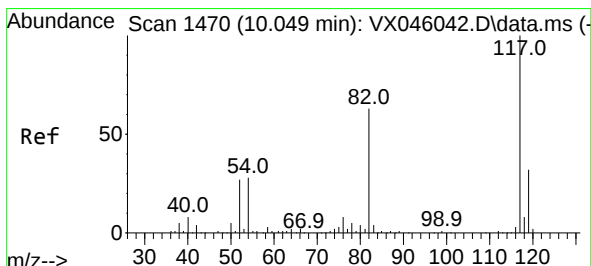
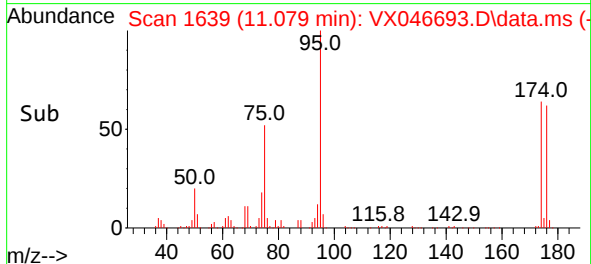
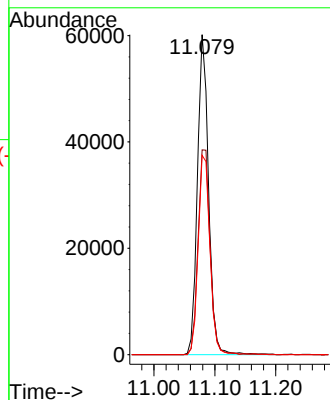
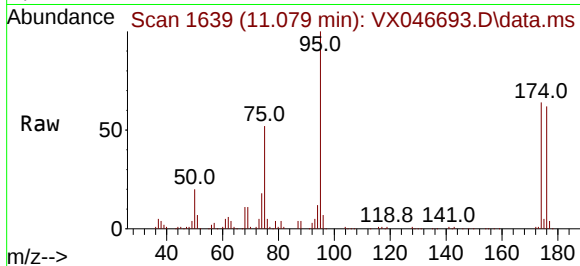




#62
4-Bromofluorobenzene
Concen: 44.738 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046693.D
Acq: 13 Jun 2025 16:41

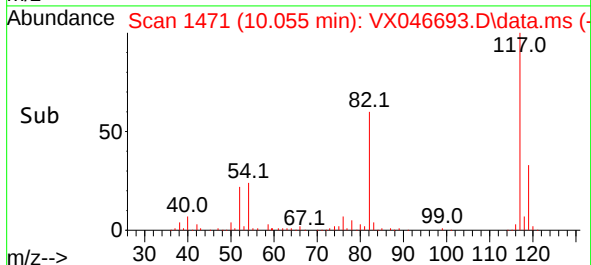
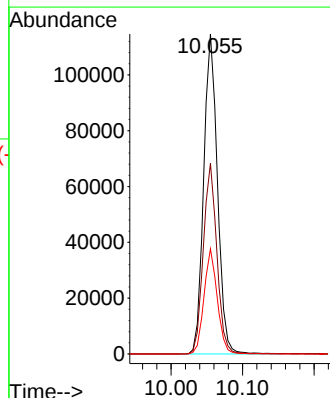
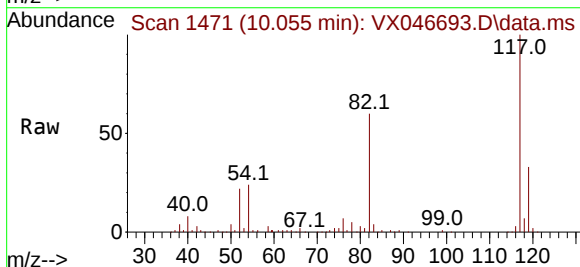
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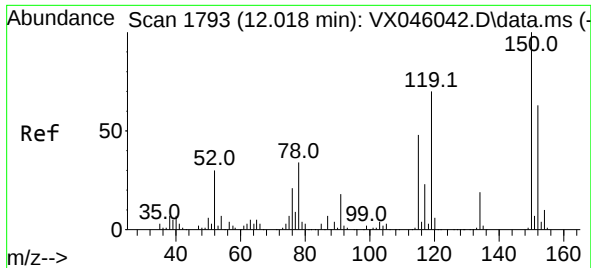
Tgt Ion: 95 Resp: 76084
Ion Ratio Lower Upper
95 100
174 69.8 0.0 135.8
176 65.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046693.D
Acq: 13 Jun 2025 16:41

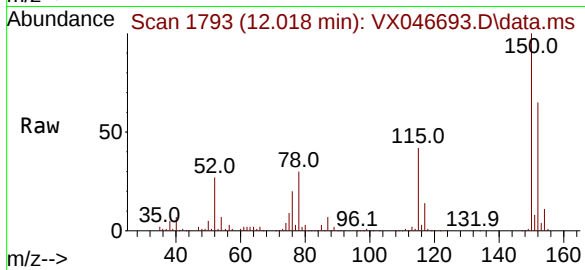
Tgt Ion: 117 Resp: 153393
Ion Ratio Lower Upper
117 100
82 59.6 50.6 76.0
119 32.9 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046693.D
 Acq: 13 Jun 2025 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-3



Tgt Ion:152 Resp: 74759
 Ion Ratio Lower Upper
 152 100
 115 63.4 46.9 140.7
 150 157.9 0.0 351.0

