

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046670.D
 Acq On : 12 Jun 2025 17:40
 Operator : JC/MD
 Sample : Q2278-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2

Quant Time: Jun 13 01:47:18 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2025
 Supervised By : Mahesh Dadoda 06/13/2025

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

Internal Standards						
1) Pentafluorobenzene	5.574	168	74738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	135161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	66208	49.793	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.580%
35) Dibromofluoromethane	5.403	113	50947	51.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	8.653	98	168219	51.333	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.660%
62) 4-Bromofluorobenzene	11.079	95	69068	50.941	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.880%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	12796	28.651	ug/l	99
18) Methyl Acetate	2.727	43	11271	7.116	ug/l	100
20) Methylene Chloride	2.806	84	5125	4.804	ug/l	87
37) Ethyl Acetate	4.745	43	6108m	4.408	ug/l	
43) Isopropyl Acetate	6.373	43	4172	1.727	ug/l	100

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

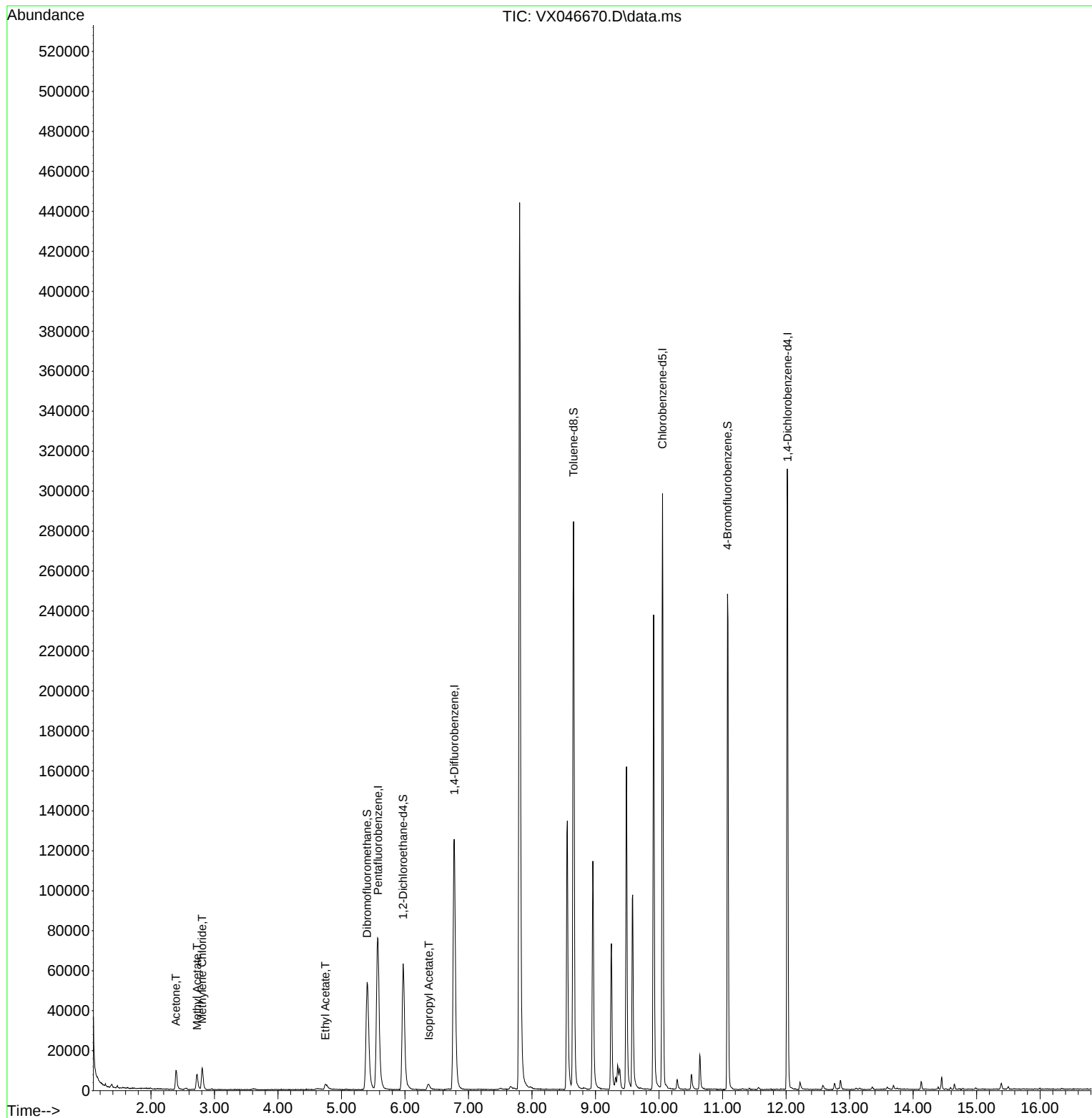
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
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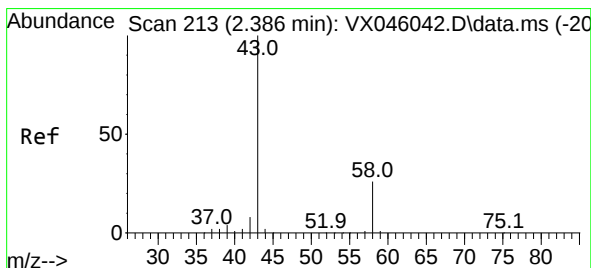
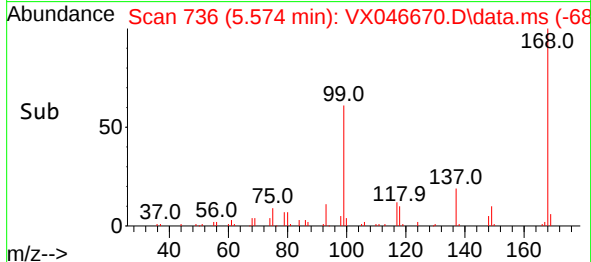
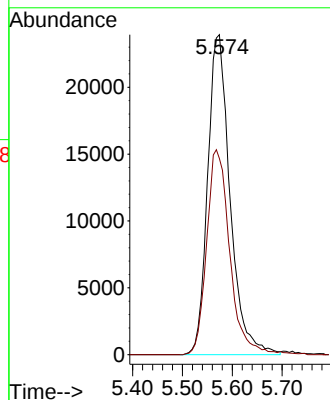
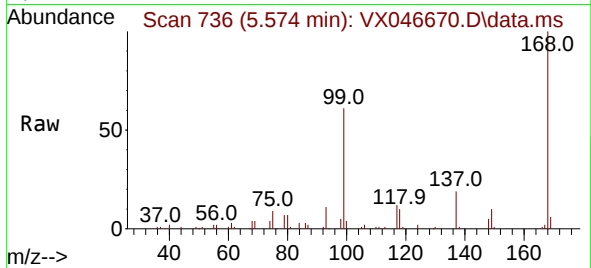
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046670.D
Acq: 12 Jun 2025 17:40

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 74738
Ion Ratio Lower Upper
168 100
99 61.3 54.9 82.3

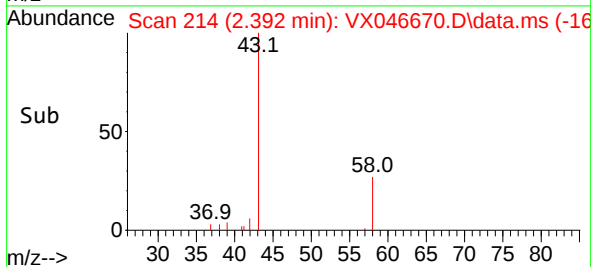
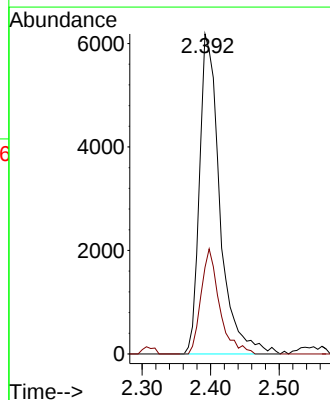
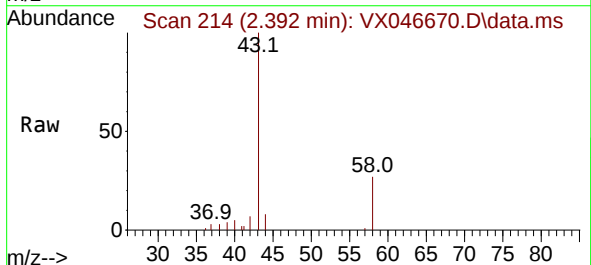
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#16
Acetone
Concen: 28.651 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046670.D
Acq: 12 Jun 2025 17:40

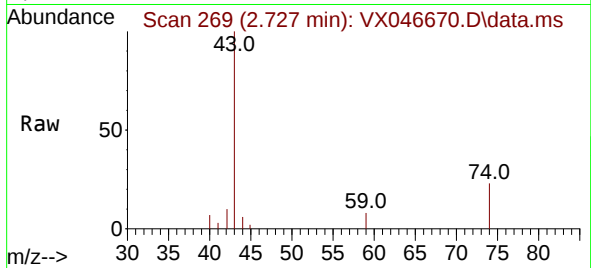
Tgt Ion: 43 Resp: 12796
Ion Ratio Lower Upper
43 100
58 27.0 21.2 31.8





#18
Methyl Acetate
Concen: 7.116 ug/l
RT: 2.727 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX046670.D
Acq: 12 Jun 2025 17:40

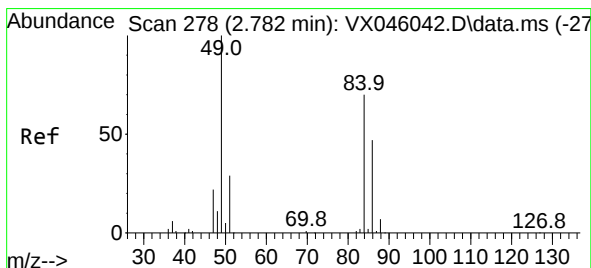
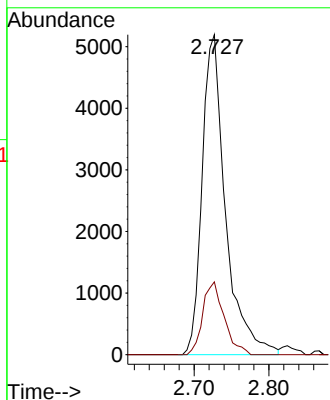
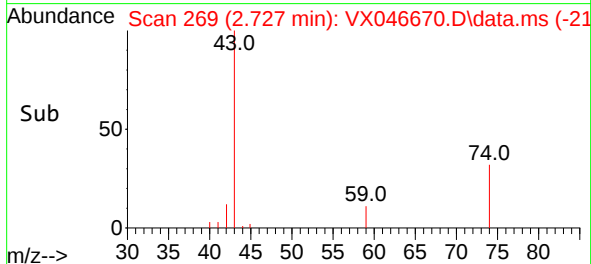
Instrument :
MSVOA_X
ClientSampleId :
TP-2



Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1

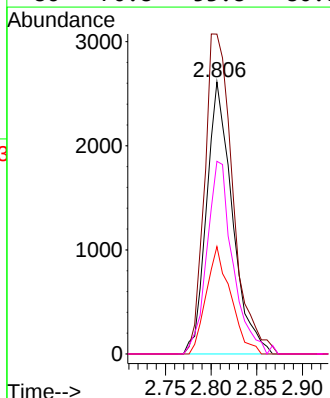
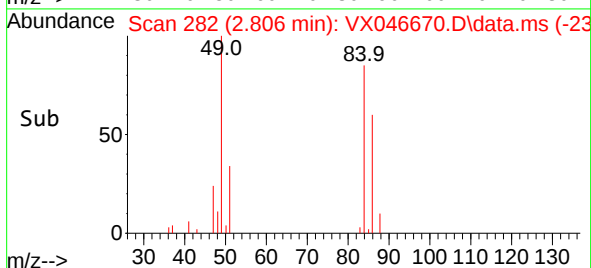
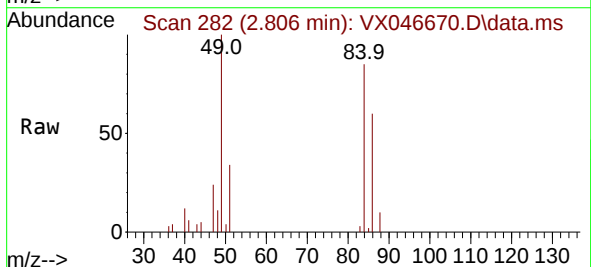
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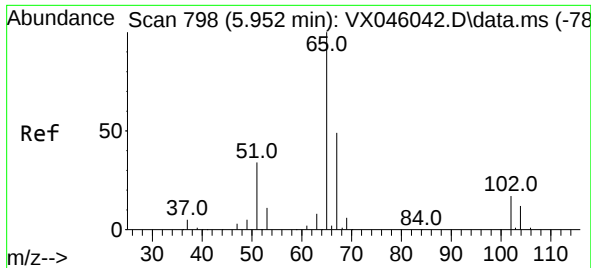
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#20
Methylene Chloride
Concen: 4.804 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046670.D
Acq: 12 Jun 2025 17:40

Tgt Ion: 84 Resp: 5125
Ion Ratio Lower Upper
84 100
49 117.6 113.9 170.9
51 39.5 33.5 50.3
86 70.8 53.8 80.8





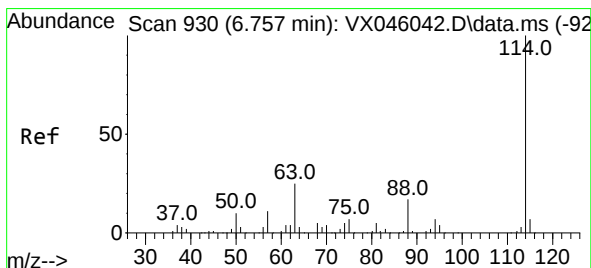
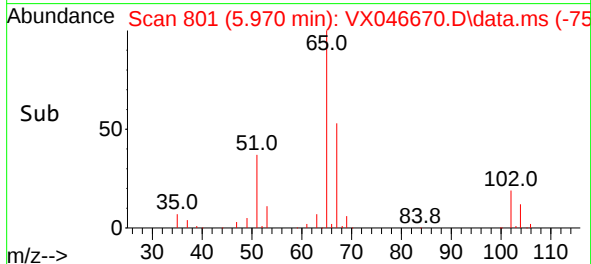
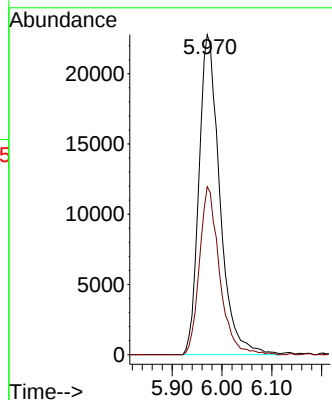
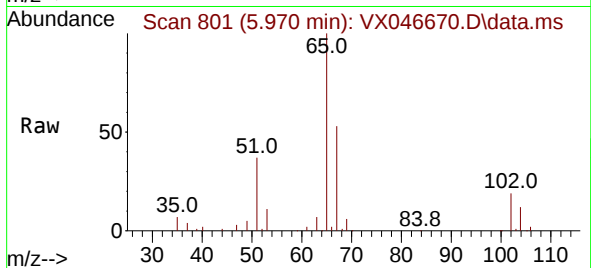
#33
1,2-Dichloroethane-d4
Concen: 49.793 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046670.D
Acq: 12 Jun 2025 17:40

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion: 65 Resp: 66208
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.0

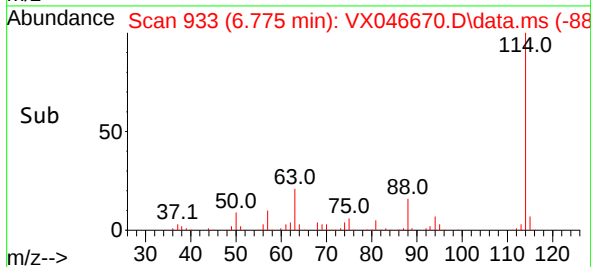
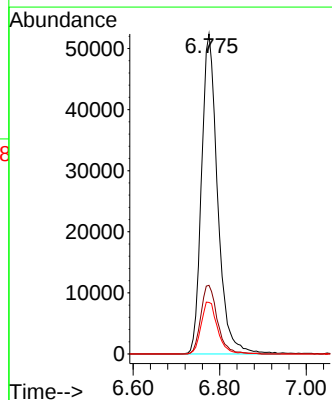
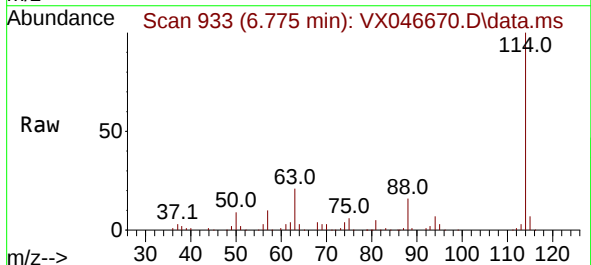
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.000 min
Lab File: VX046670.D
Acq: 12 Jun 2025 17:40

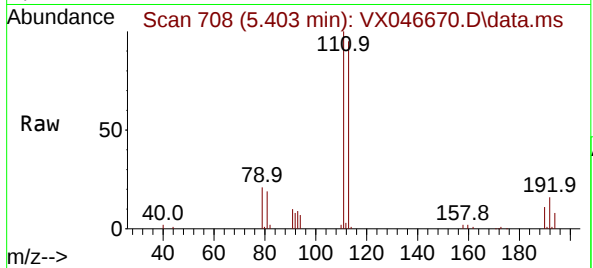
Tgt Ion:114 Resp: 135161
Ion Ratio Lower Upper
114 100
63 21.5 0.0 49.2
88 16.1 0.0 33.6





#35
Dibromofluoromethane
Concen: 51.256 ug/l
RT: 5.403 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046670.D
Acq: 12 Jun 2025 17:40

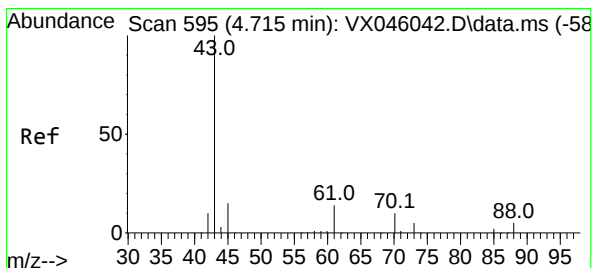
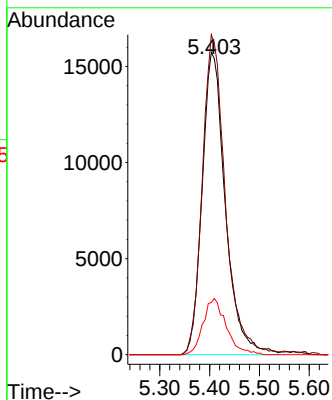
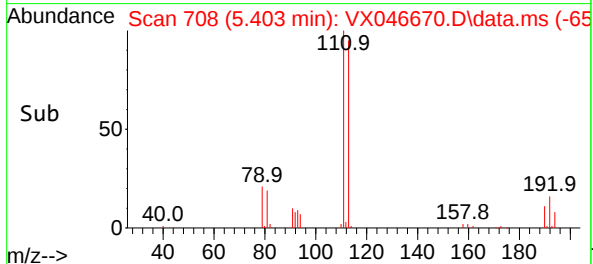
Instrument :
MSVOA_X
ClientSampleId :
TP-2



Tgt Ion:113 Resp: 5094
Ion Ratio Lower Upper
113 100
111 104.3 83.1 124.7
192 18.5 13.3 19.9

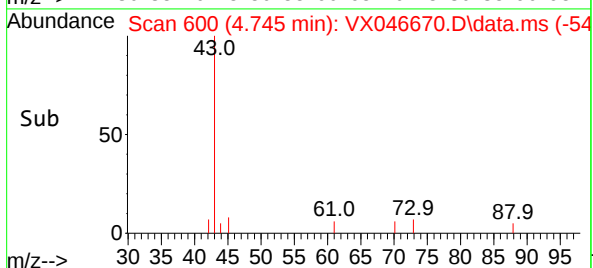
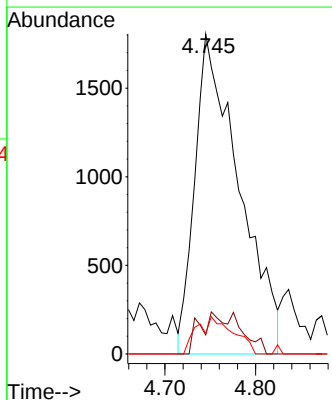
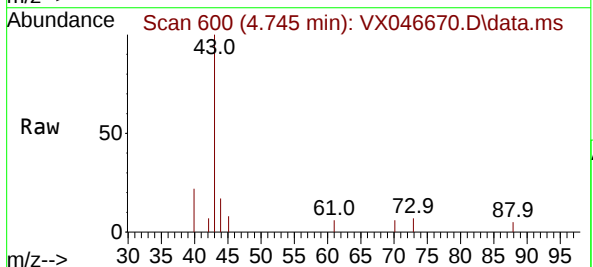
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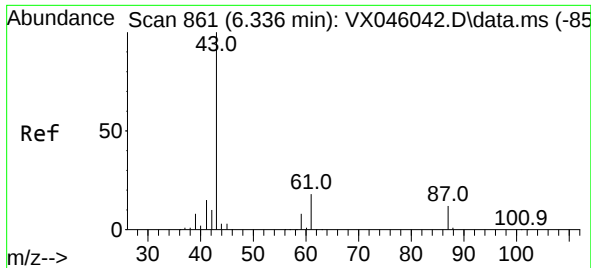
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#37
Ethyl Acetate
Concen: 4.408 ug/l m
RT: 4.745 min Scan# 600
Delta R.T. 0.012 min
Lab File: VX046670.D
Acq: 12 Jun 2025 17:40

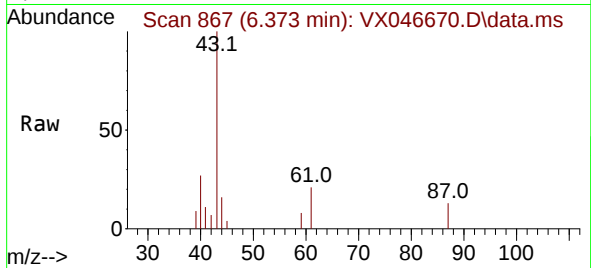
Tgt Ion: 43 Resp: 6108
Ion Ratio Lower Upper
43 100
61 7.5 10.3 15.5#
70 9.5 7.9 11.9





#43
Isopropyl Acetate
Concen: 1.727 ug/l
RT: 6.373 min Scan# 80
Delta R.T. 0.019 min
Lab File: VX046670.D
Acq: 12 Jun 2025 17:40

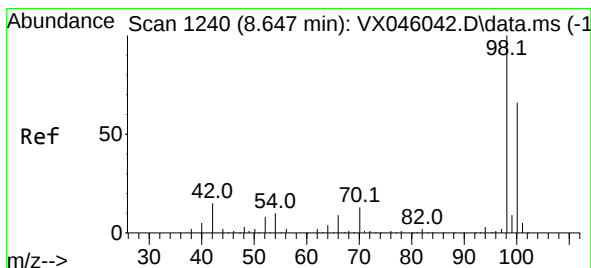
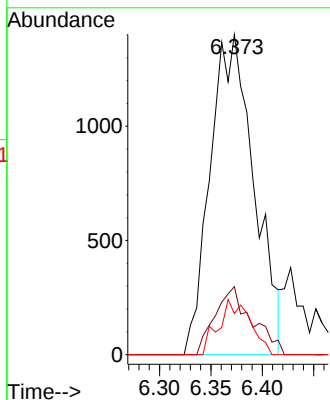
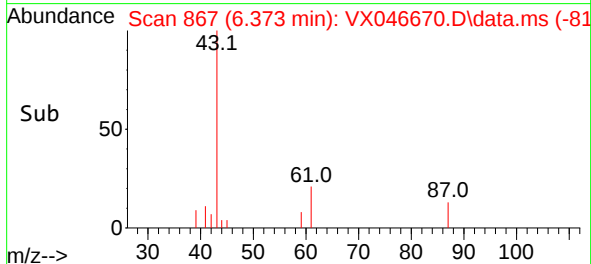
Instrument :
MSVOA_X
ClientSampleId :
TP-2



Tgt Ion: 43 Resp: 4172
Ion Ratio Lower Upper
43 100
61 17.9 14.3 21.5
87 12.3 9.5 14.3

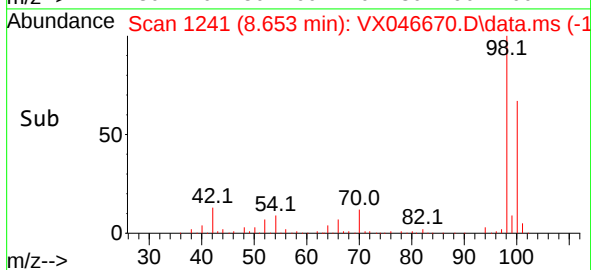
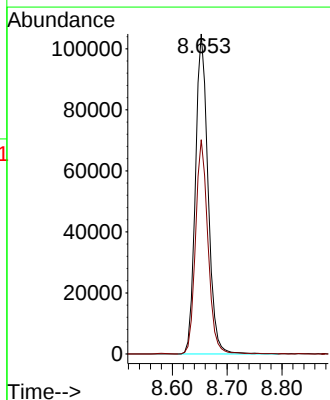
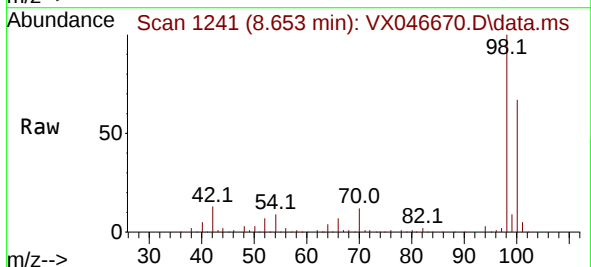
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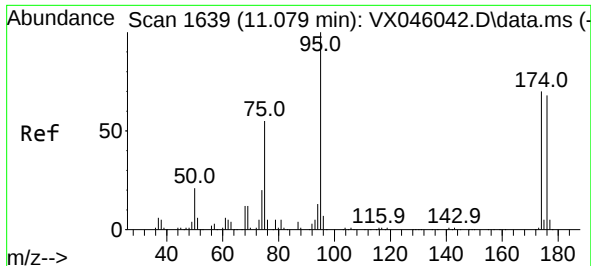
Reviewed By :John Carlone 06/13/2025
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#50
Toluene-d8
Concen: 51.333 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046670.D
Acq: 12 Jun 2025 17:40

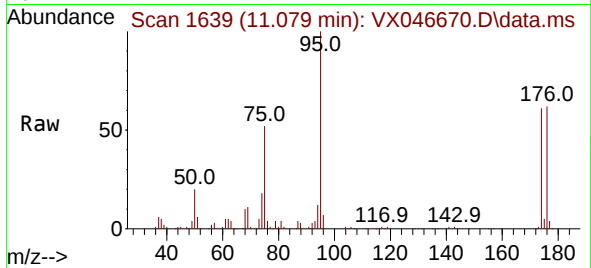
Tgt Ion: 98 Resp: 168219
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 50.941 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046670.D
Acq: 12 Jun 2025 17:40

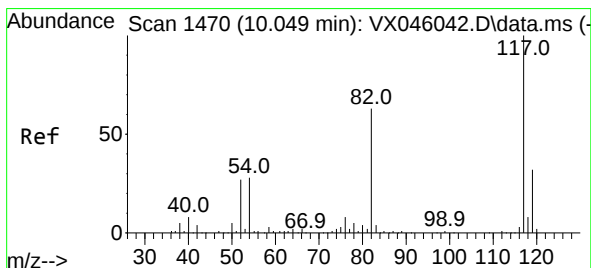
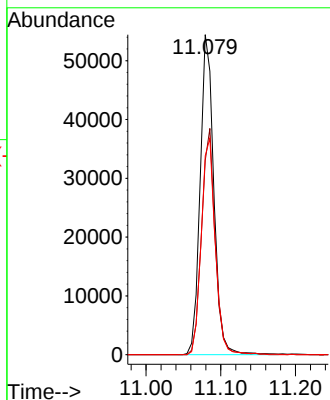
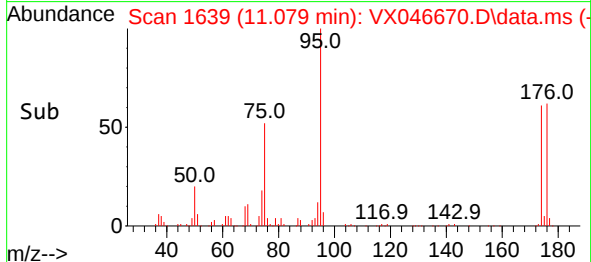
Instrument :
MSVOA_X
ClientSampleId :
TP-2



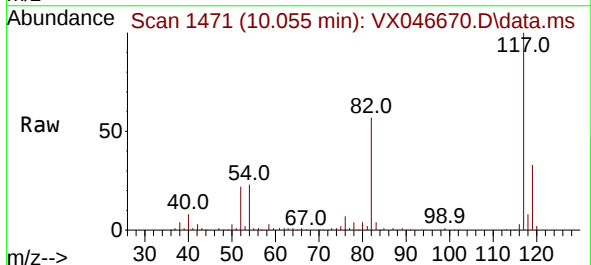
Tgt Ion: 95 Resp: 69068
Ion Ratio Lower Upper
95 100
174 70.1 0.0 135.8
176 69.3 0.0 131.4

Manual Integrations
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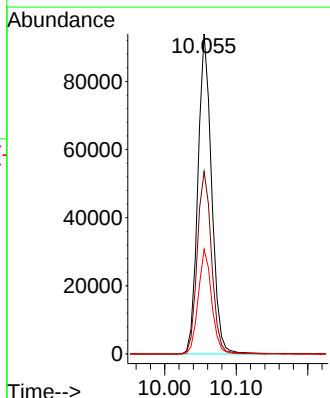
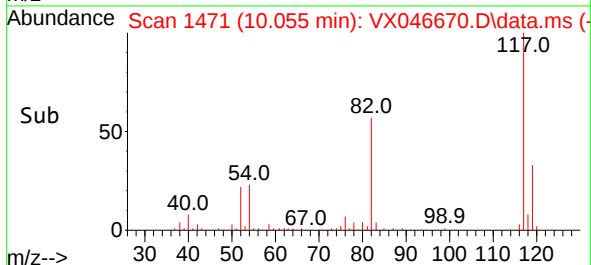
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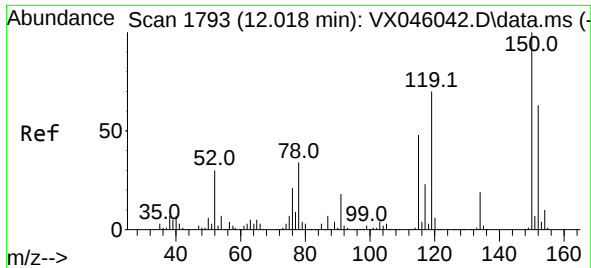


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046670.D
Acq: 12 Jun 2025 17:40



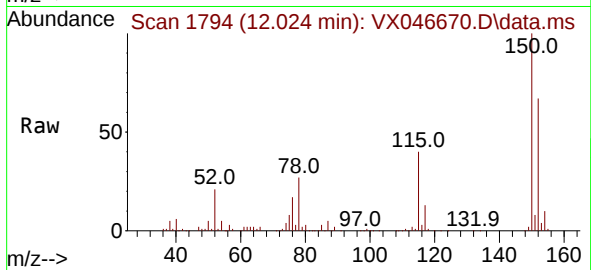
Tgt Ion:117 Resp: 124662
Ion Ratio Lower Upper
117 100
82 57.0 50.6 76.0
119 32.7 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046670.D
 Acq: 12 Jun 2025 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2



Tgt Ion:152 Resp: 6368
 Ion Ratio Lower Upper
 152 100
 115 62.4 46.9 140.7
 150 155.9 0.0 351.0

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