

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046537.D
 Acq On : 06 Jun 2025 18:51
 Operator : JC/MD
 Sample : Q2207-36
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-703-COMP-04

Quant Time: Jun 06 23:25:18 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 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	117518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	229672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	102631	49.088	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.180%		
35) Dibromofluoromethane	5.409	113	76279	45.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.320%		
50) Toluene-d8	8.653	98	290260	52.126	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.260%		
62) 4-Bromofluorobenzene	11.079	95	130703	56.731	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	113.460%		
Target Compounds						Qvalue
8) Diethyl Ether	2.154	74	31040	35.867	ug/l	94
16) Acetone	2.392	43	12639	19.706	ug/l	98
18) Methyl Acetate	2.721	43	13168	5.288	ug/l	99
20) Methylene Chloride	2.806	84	2959	1.764	ug/l	93
37) Ethyl Acetate	4.757	43	7871m	3.343	ug/l	
43) Isopropyl Acetate	6.373	43	5766	1.405	ug/l #	82

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

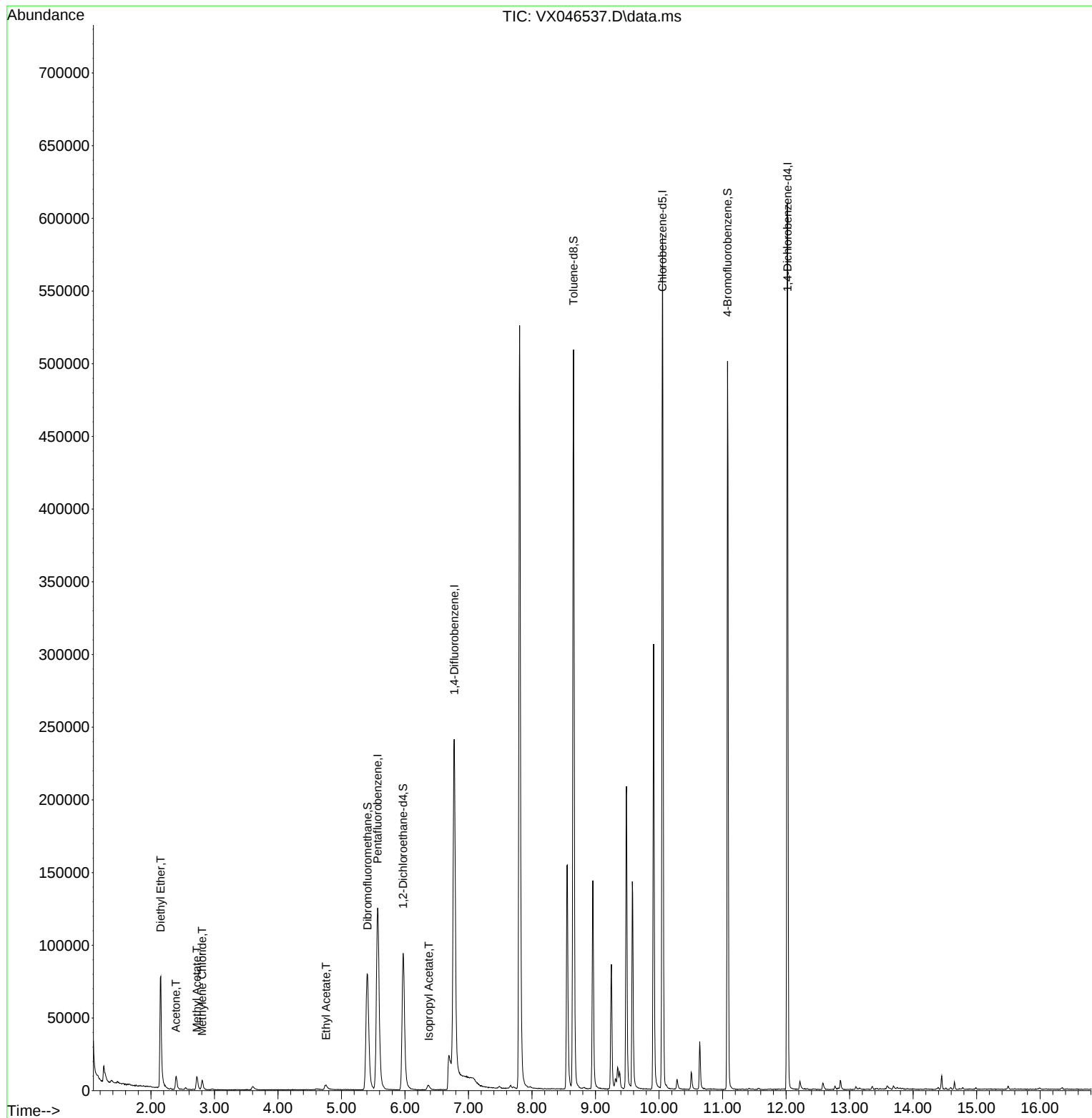
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046537.D
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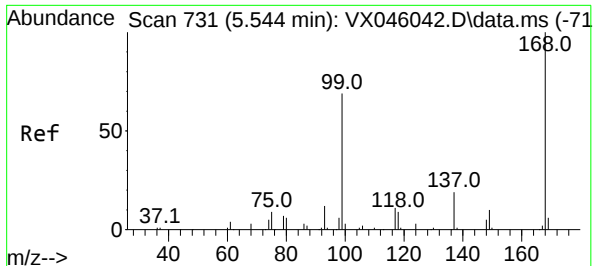
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-04

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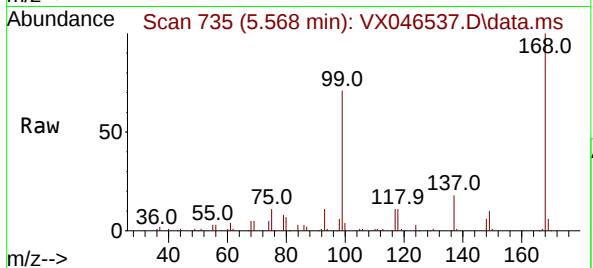
Quant Time: Jun 06 23:25:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046537.D
Acq: 06 Jun 2025 18:51

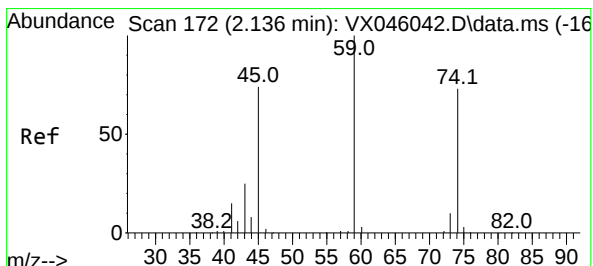
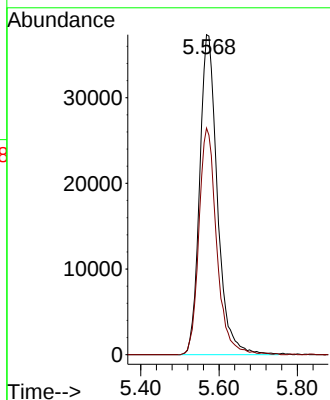
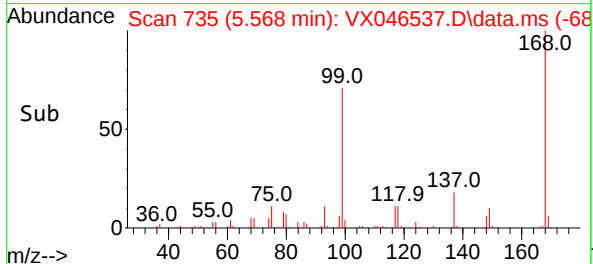
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-04



Tgt Ion:168 Resp: 117518
Ion Ratio Lower Upper
168 100
99 70.8 54.9 82.3

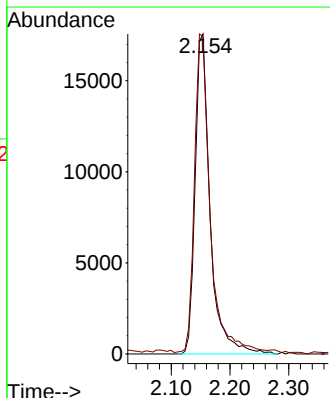
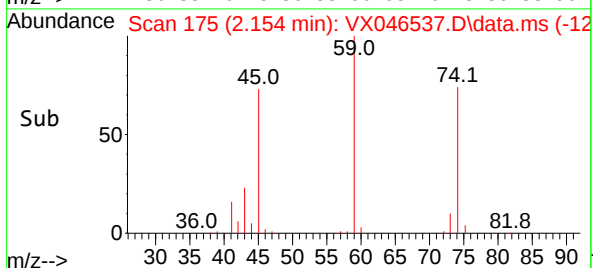
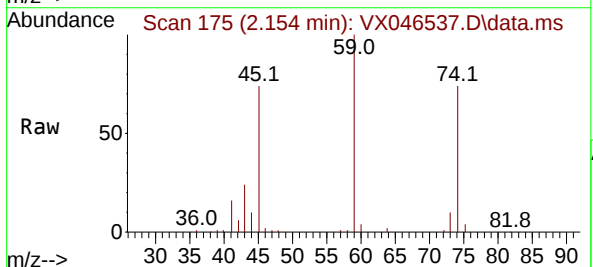
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#8
Diethyl Ether
Concen: 35.867 ug/l
RT: 2.154 min Scan# 175
Delta R.T. -0.000 min
Lab File: VX046537.D
Acq: 06 Jun 2025 18:51

Tgt Ion: 74 Resp: 31040
Ion Ratio Lower Upper
74 100
45 104.0 54.9 164.8





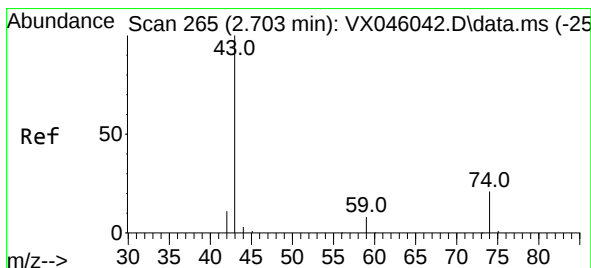
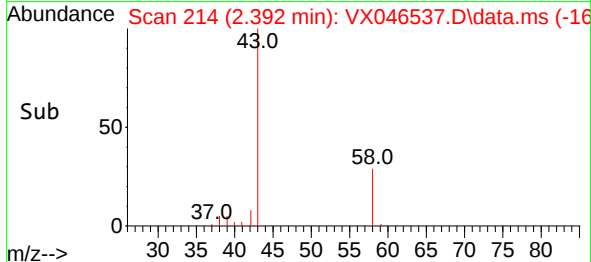
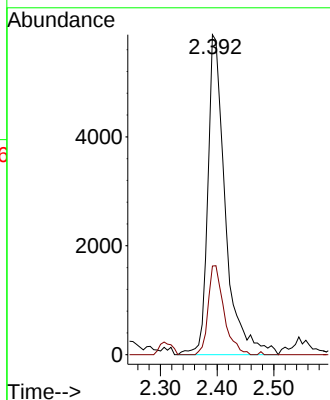
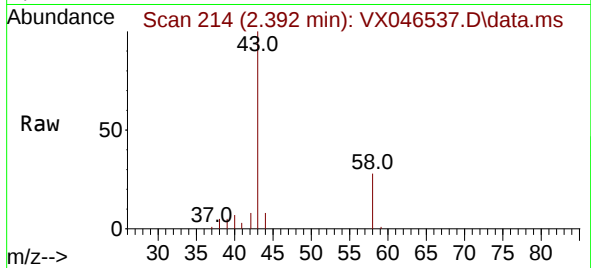
#16
Acetone
Concen: 19.706 ug/l
RT: 2.392 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046537.D
Acq: 06 Jun 2025 18:51

Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-04

Tgt Ion: 43 Resp: 12639
Ion Ratio Lower Upper
43 100
58 27.7 21.2 31.8

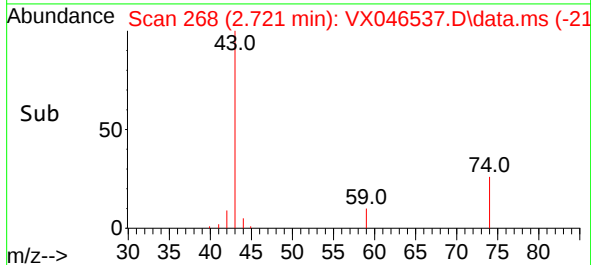
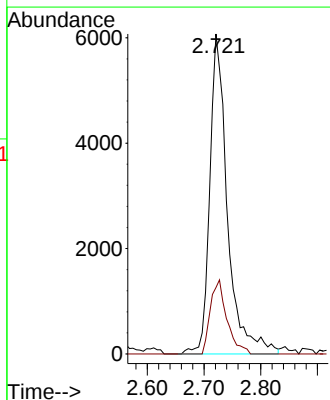
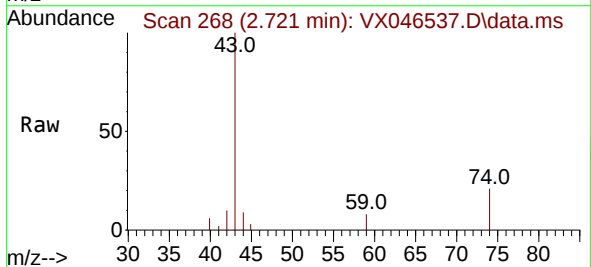
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#18
Methyl Acetate
Concen: 5.288 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046537.D
Acq: 06 Jun 2025 18:51

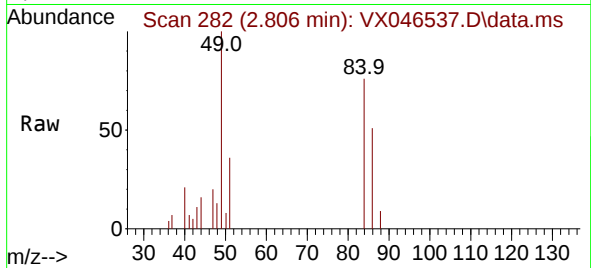
Tgt Ion: 43 Resp: 13168
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1





#20
Methylene Chloride
Concen: 1.764 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046537.D
Acq: 06 Jun 2025 18:51

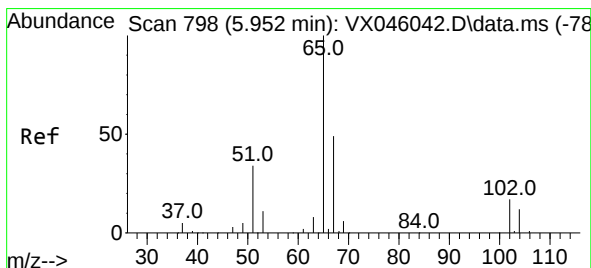
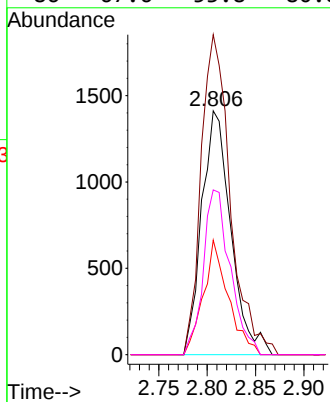
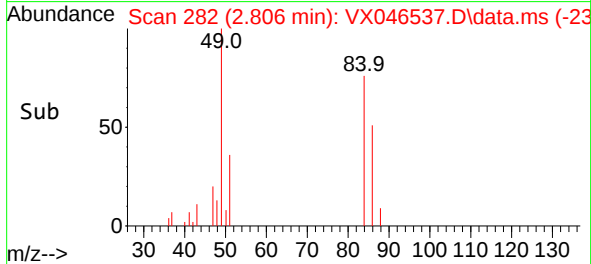
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-04



Tgt Ion: 84 Resp: 295
Ion Ratio Lower Upper
84 100
49 131.2 113.9 170.9
51 47.0 33.5 50.3
86 67.6 53.8 80.8

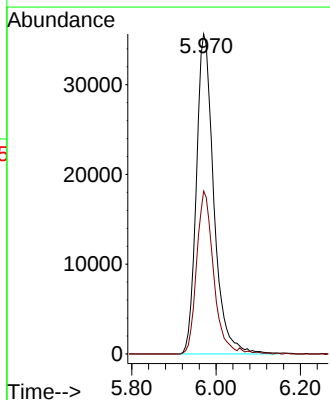
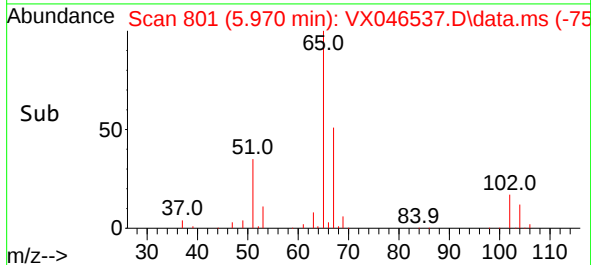
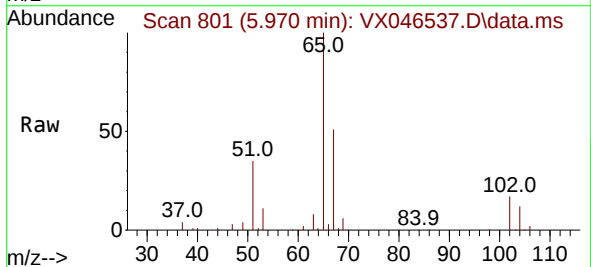
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#33
1,2-Dichloroethane-d4
Concen: 49.088 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046537.D
Acq: 06 Jun 2025 18:51

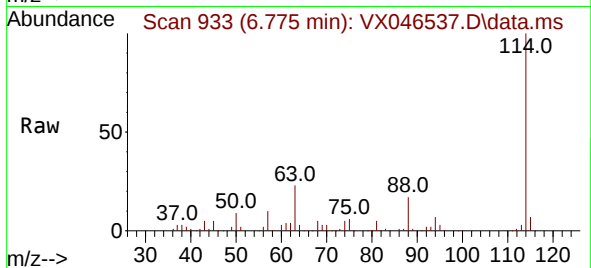
Tgt Ion: 65 Resp: 102631
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046537.D
Acq: 06 Jun 2025 18:51

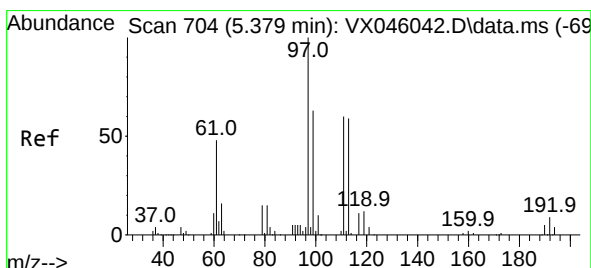
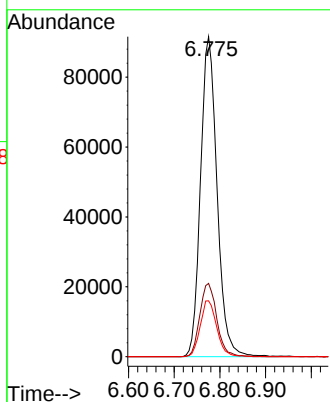
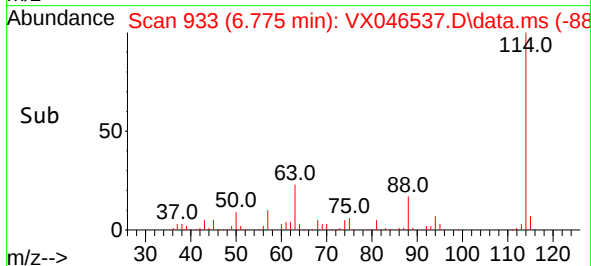
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-04



Tgt Ion:114 Resp: 229672
Ion Ratio Lower Upper
114 100
63 22.9 0.0 49.2
88 17.4 0.0 33.6

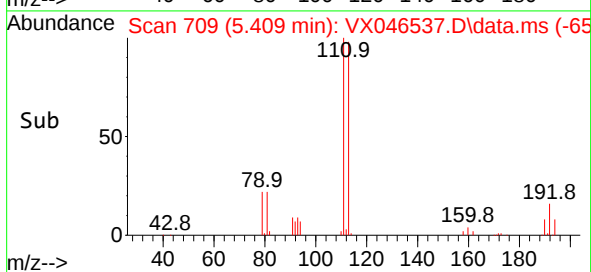
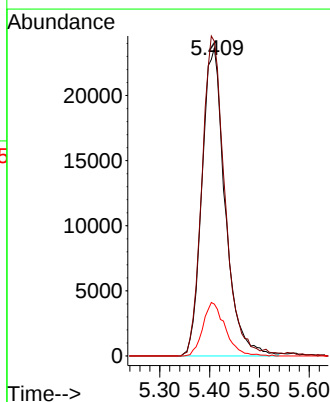
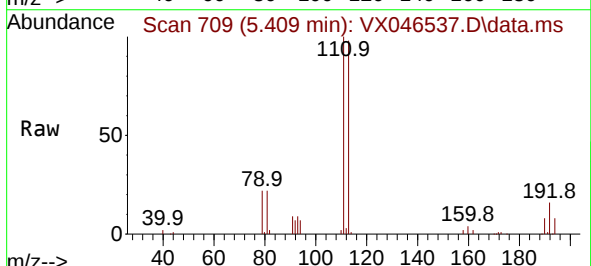
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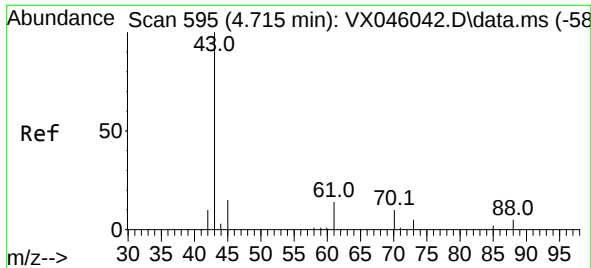
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#35
Dibromofluoromethane
Concen: 45.162 ug/l
RT: 5.409 min Scan# 709
Delta R.T. 0.006 min
Lab File: VX046537.D
Acq: 06 Jun 2025 18:51

Tgt Ion:113 Resp: 76279
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 16.8 13.3 19.9





#37

Ethyl Acetate

Concen: 3.343 ug/l m

RT: 4.757 min Scan# 602

Delta R.T. 0.024 min

Lab File: VX046537.D

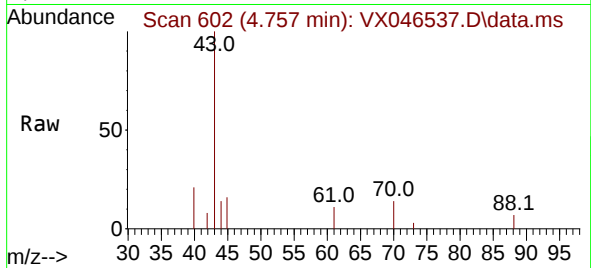
Acq: 06 Jun 2025 18:51

Instrument :

MSVOA_X

ClientSampleId :

BU-703-COMP-04



Tgt Ion: 43 Resp: 787

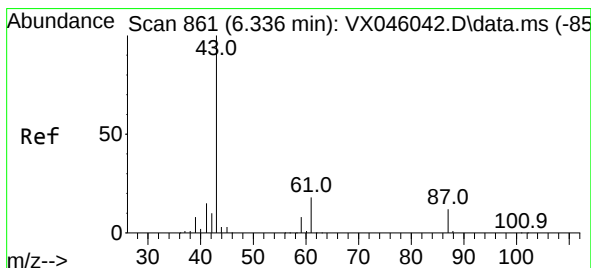
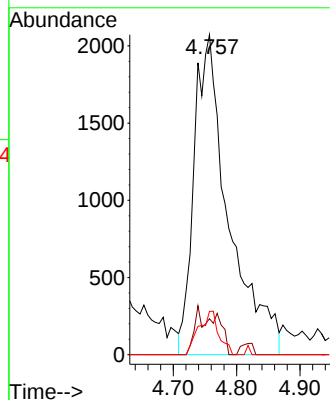
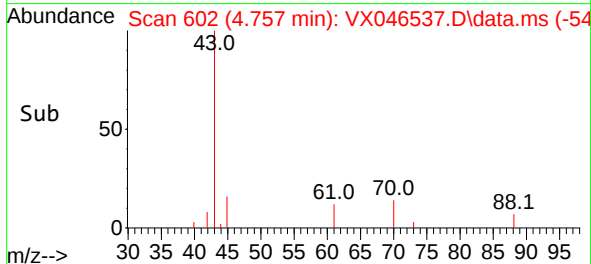
Ion	Ratio	Lower	Upper
43	100		
61	4.9	10.3	15.5
70	7.8	7.9	11.9

Manual Integrations

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#43

Isopropyl Acetate

Concen: 1.405 ug/l

RT: 6.373 min Scan# 867

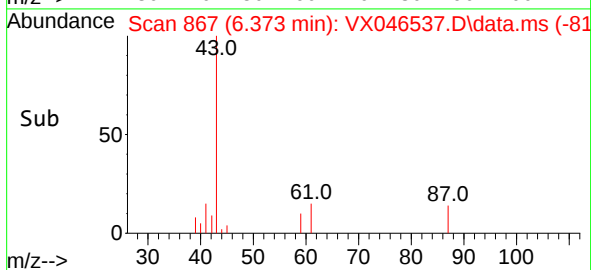
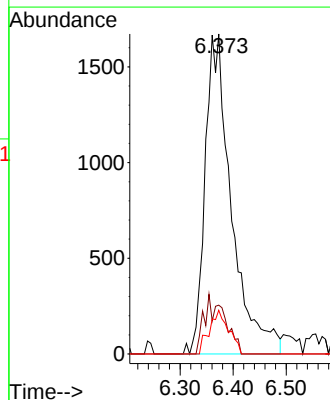
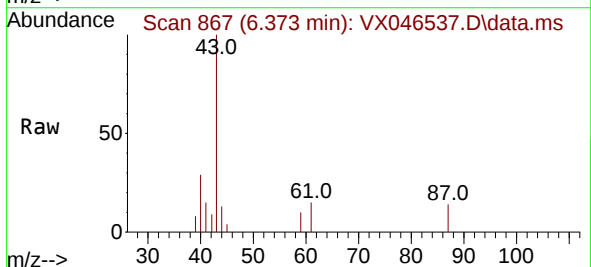
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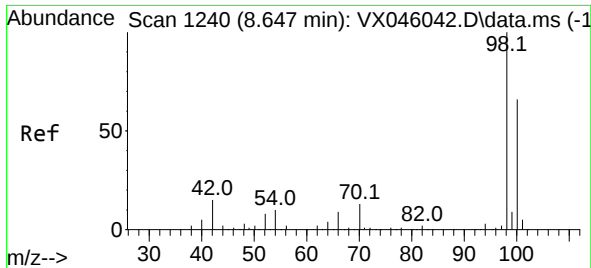
Lab File: VX046537.D

Acq: 06 Jun 2025 18:51

Tgt Ion: 43 Resp: 5766

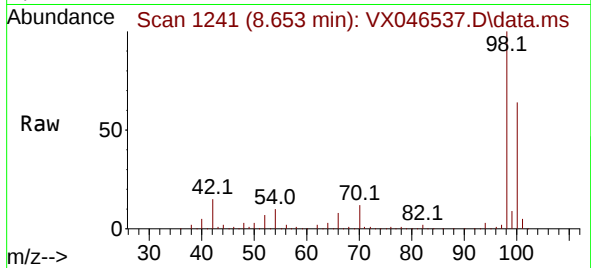
Ion	Ratio	Lower	Upper
43	100		
61	6.0	14.3	21.5
87	10.1	9.5	14.3





#50
Toluene-d8
Concen: 52.126 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046537.D
Acq: 06 Jun 2025 18:51

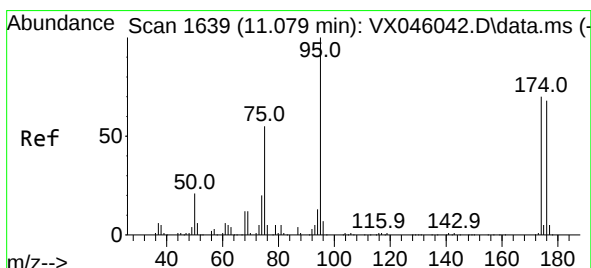
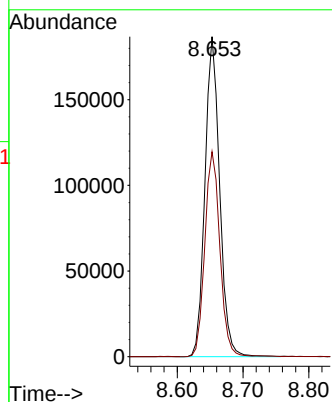
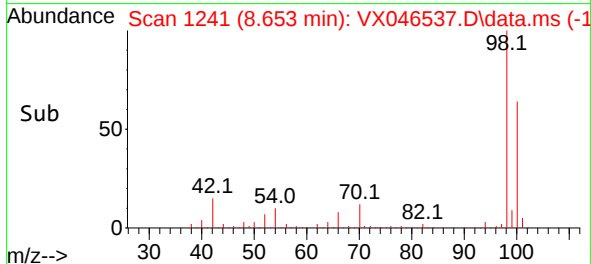
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-04



Tgt Ion: 98 Resp: 290260
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3

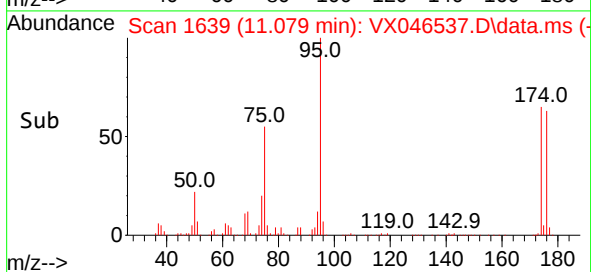
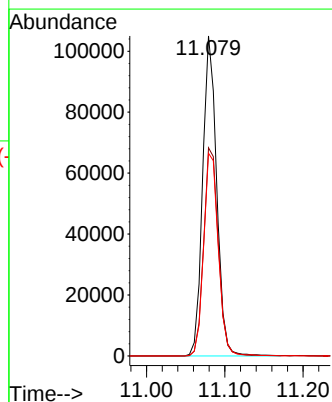
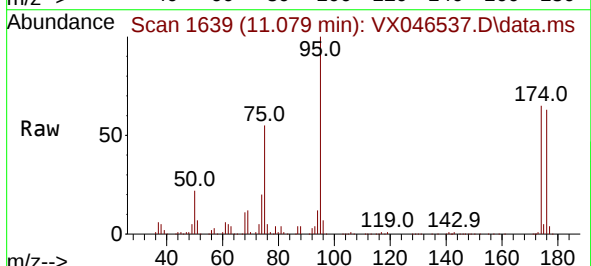
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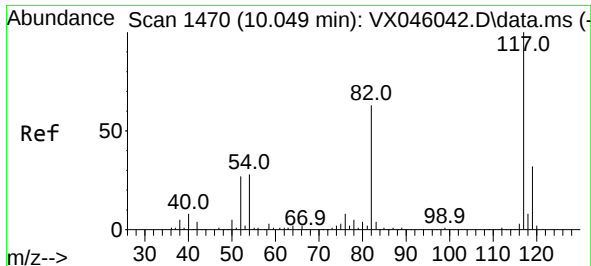
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#62
4-Bromofluorobenzene
Concen: 56.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046537.D
Acq: 06 Jun 2025 18:51

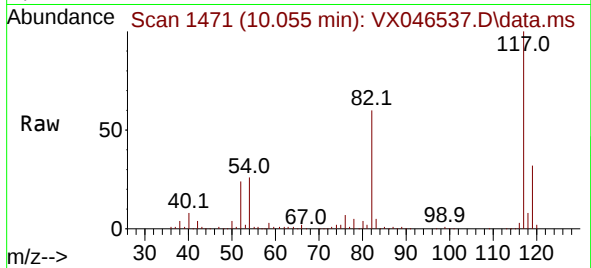
Tgt Ion: 95 Resp: 130703
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 66.1 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046537.D
Acq: 06 Jun 2025 18:51

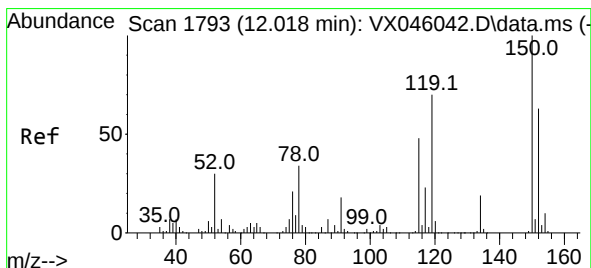
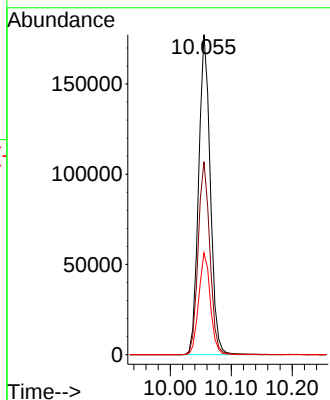
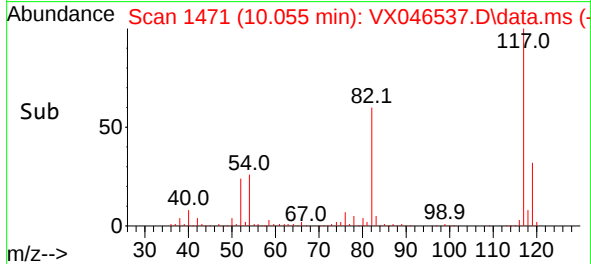
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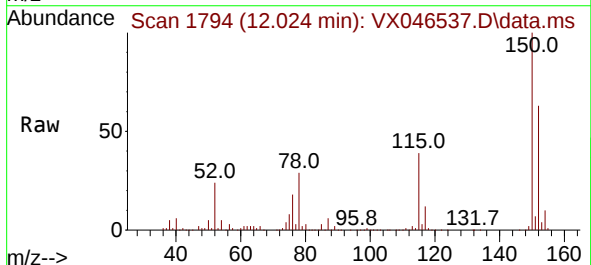
Tgt Ion:117 Resp: 236430
Ion Ratio Lower Upper
117 100
82 60.3 50.6 76.0
119 31.8 25.8 38.6

Manual Integrations
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Supervised By :Mahesh Dadoda 06/09/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX046537.D
Acq: 06 Jun 2025 18:51



Tgt Ion:152 Resp: 119299
Ion Ratio Lower Upper
152 100
115 64.4 46.9 140.7
150 158.5 0.0 351.0

