

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046542.D
 Acq On : 06 Jun 2025 20:42
 Operator : JC/MD
 Sample : Q2208-36
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-703-COMP-09

Quant Time: Jun 06 23:27:42 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	5.574	168	116001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	228156	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	103537	50.169	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.340%			
35) Dibromofluoromethane	5.403	113	76651	45.684	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.360%			
50) Toluene-d8	8.653	98	288584	52.169	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.340%			
62) 4-Bromofluorobenzene	11.079	95	132292	57.802	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.600%			
Target Compounds					Qvalue	
8) Diethyl Ether	2.154	74	22993	26.916	ug/l	94
16) Acetone	2.398	43	22740	32.138	ug/l	94
18) Methyl Acetate	2.721	43	13297	5.409	ug/l	96
20) Methylene Chloride	2.806	84	3190	1.927	ug/l	90
37) Ethyl Acetate	4.745	43	9971m	4.263	ug/l	
43) Isopropyl Acetate	6.373	43	5454	1.337	ug/l #	92

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

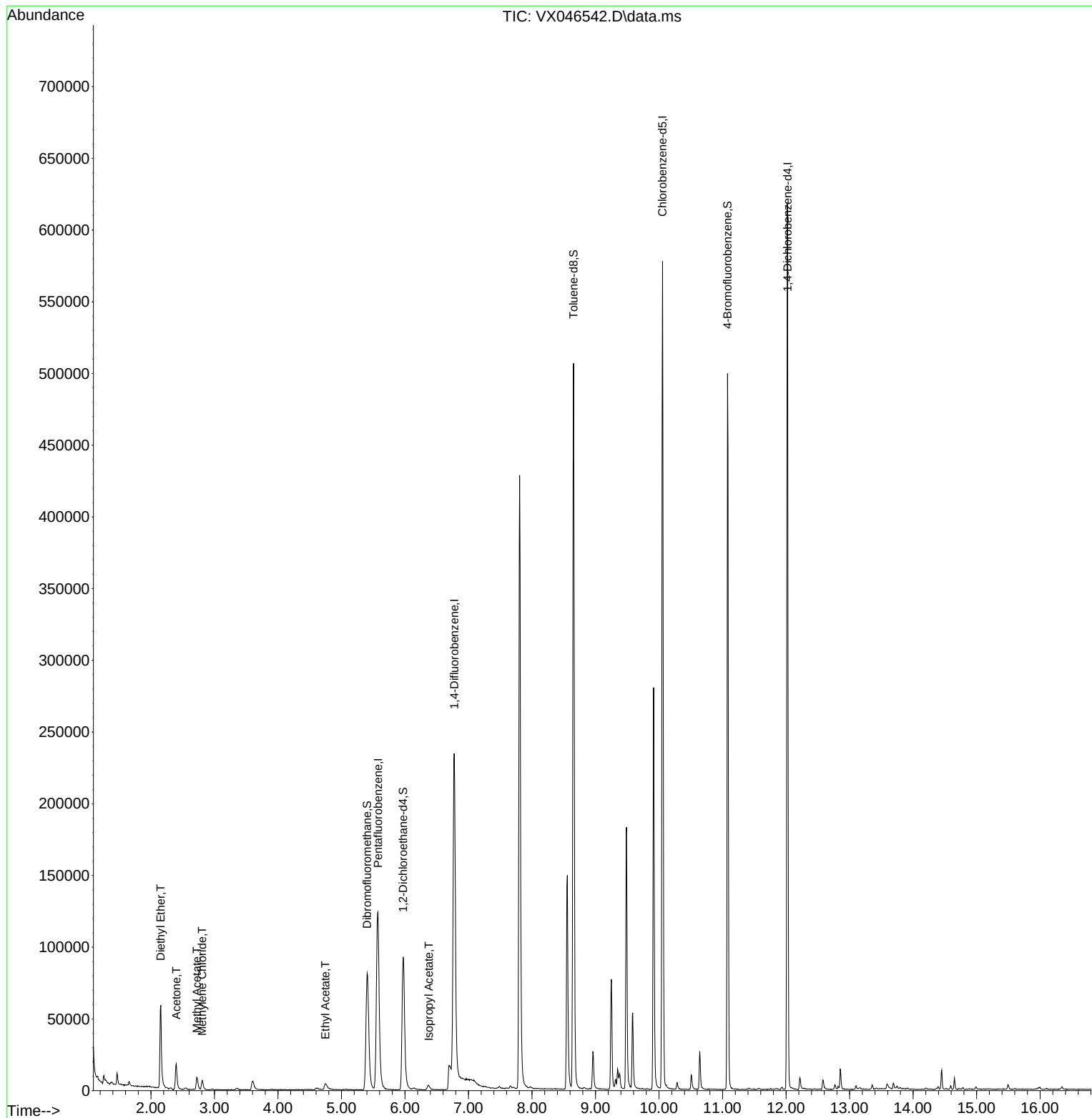
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Data File : VX046542.D
Acq On : 06 Jun 2025 20:42
Operator : JC/MD
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ALS Vial : 27 Sample Multiplier: 1

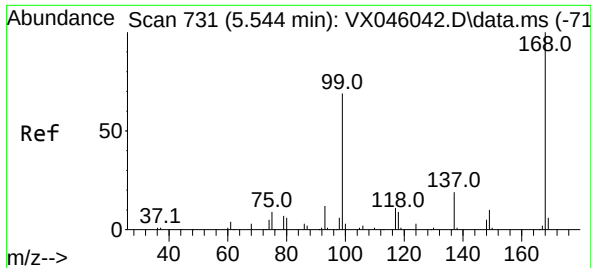
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-09

Quant Time: Jun 06 23:27:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
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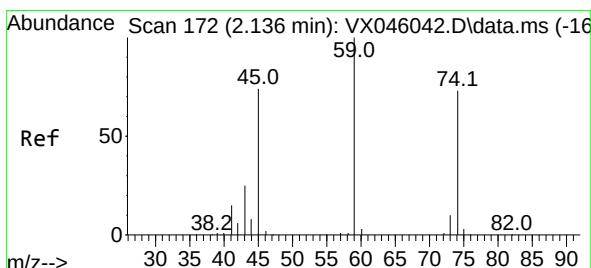
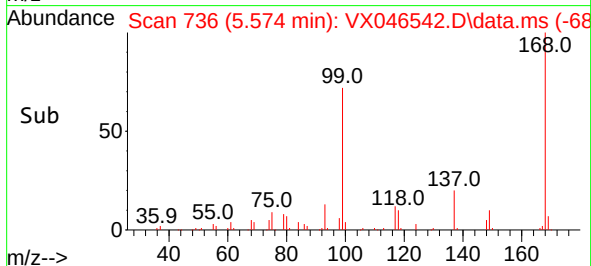
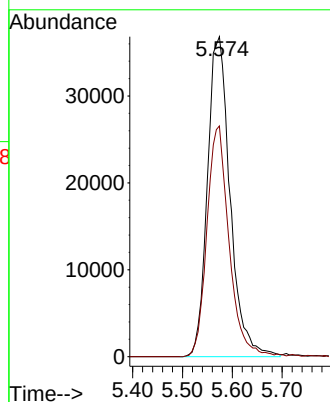
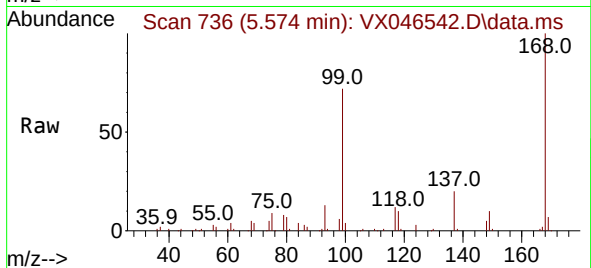
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046542.D
Acq: 06 Jun 2025 20:42

Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-09

Tgt Ion:168 Resp: 11600
Ion Ratio Lower Upper
168 100
99 72.1 54.9 82.3

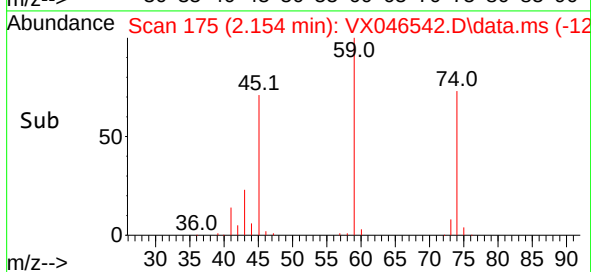
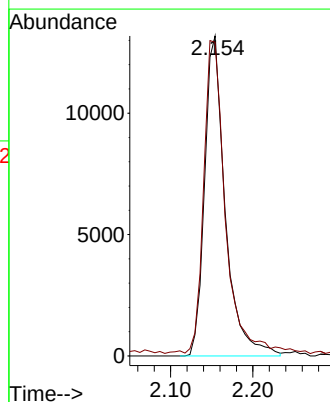
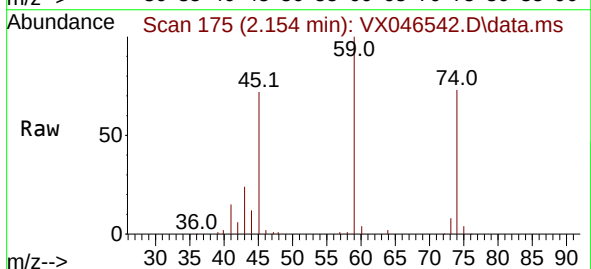
Manual Integrations
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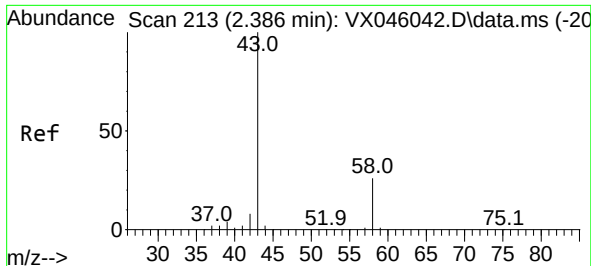
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 26.916 ug/l
RT: 2.154 min Scan# 175
Delta R.T. -0.000 min
Lab File: VX046542.D
Acq: 06 Jun 2025 20:42

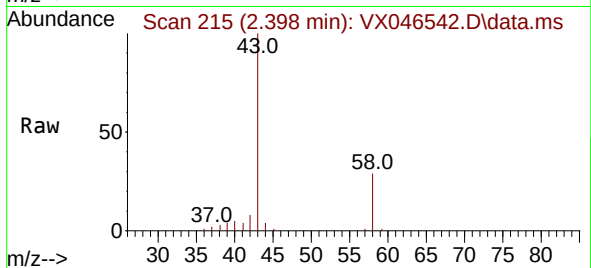
Tgt Ion: 74 Resp: 22993
Ion Ratio Lower Upper
74 100
45 103.2 54.9 164.8





#16
Acetone
Concen: 32.138 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046542.D
Acq: 06 Jun 2025 20:42

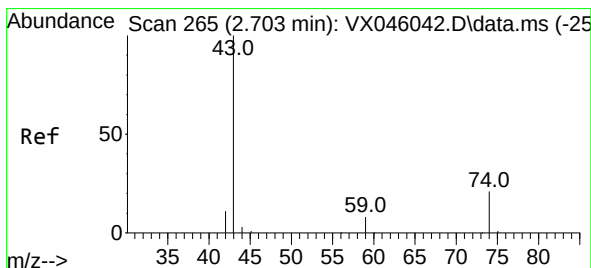
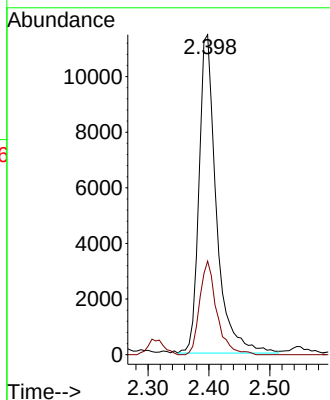
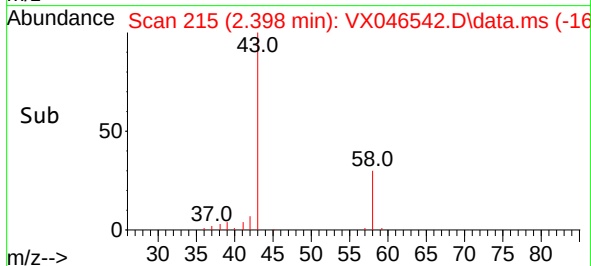
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-09



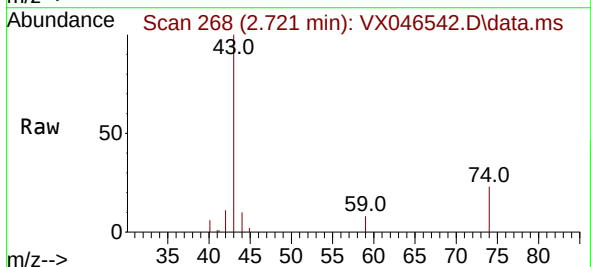
Tgt Ion: 43 Resp: 22740
Ion Ratio Lower Upper
43 100
58 29.4 21.2 31.8

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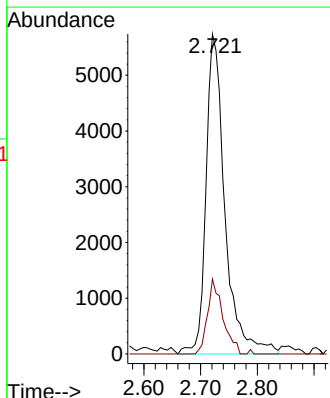
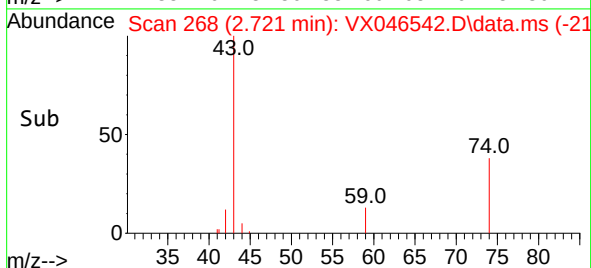
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

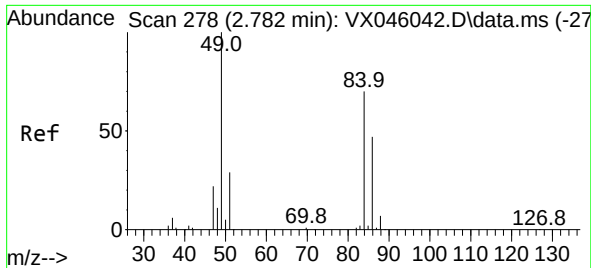


#18
Methyl Acetate
Concen: 5.409 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046542.D
Acq: 06 Jun 2025 20:42



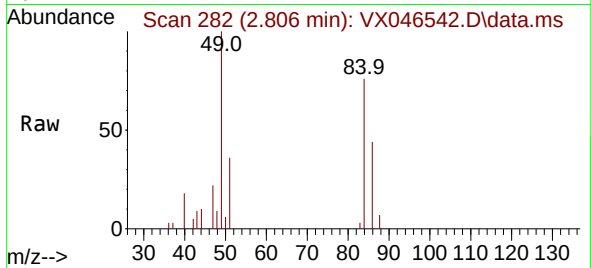
Tgt Ion: 43 Resp: 13297
Ion Ratio Lower Upper
43 100
74 19.0 16.7 25.1





#20
Methylene Chloride
Concen: 1.927 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046542.D
Acq: 06 Jun 2025 20:42

Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-09

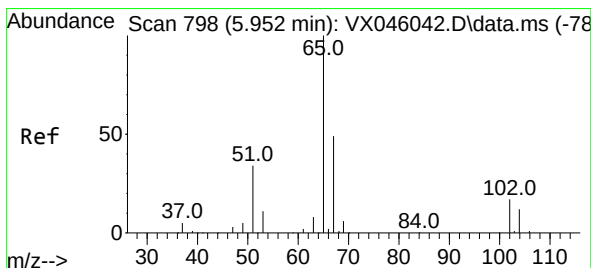
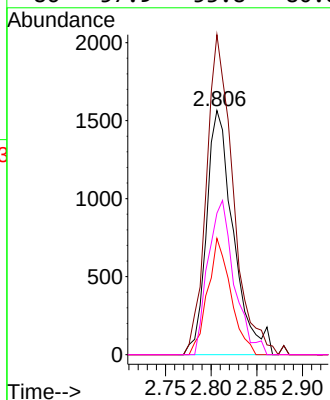
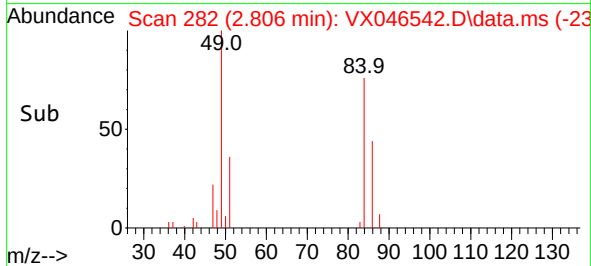


Tgt Ion: 84 Resp: 3190

Ion	Ratio	Lower	Upper
84	100		
49	131.1	113.9	170.9
51	47.6	33.5	50.3
86	57.9	53.8	80.8

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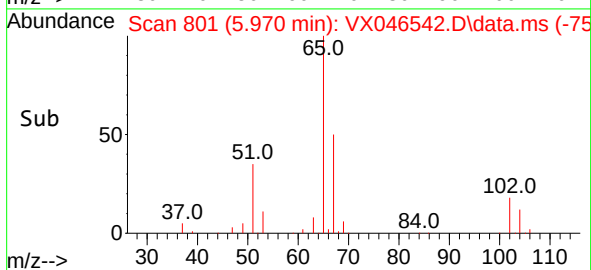
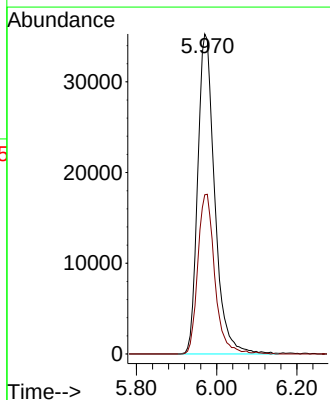
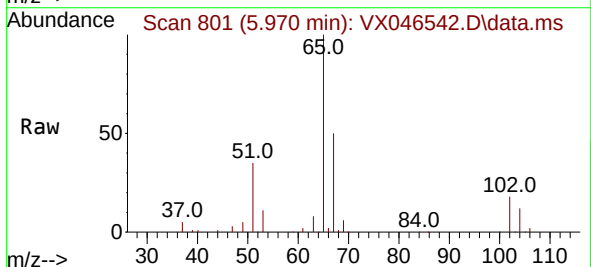
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

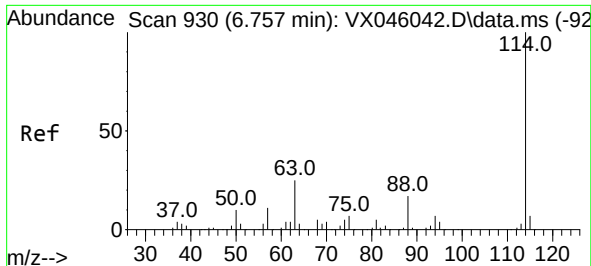


#33
1,2-Dichloroethane-d4
Concen: 50.169 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046542.D
Acq: 06 Jun 2025 20:42

Tgt Ion: 65 Resp: 103537

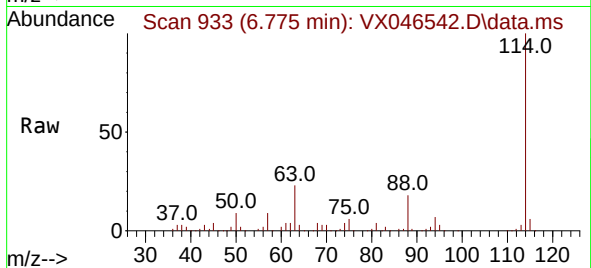
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046542.D
Acq: 06 Jun 2025 20:42

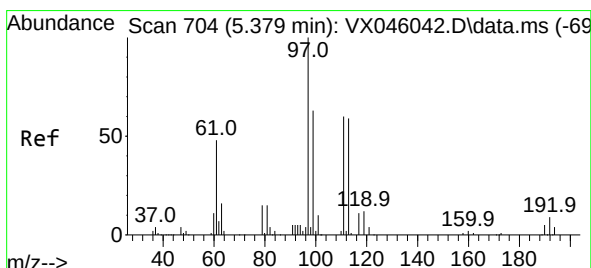
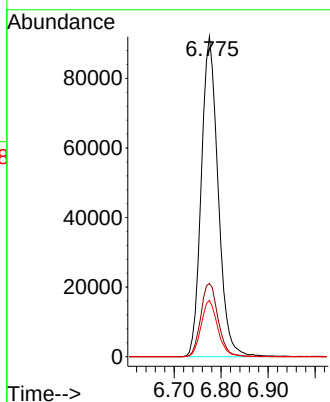
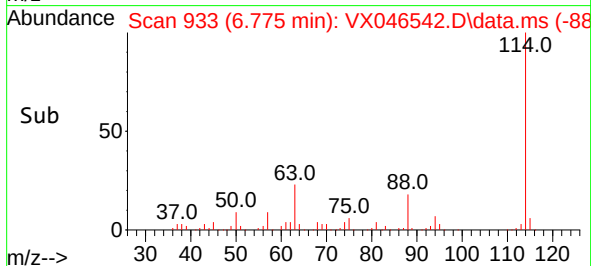
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-09



Tgt Ion:114 Resp: 228150
Ion Ratio Lower Upper
114 100
63 22.8 0.0 49.2
88 17.6 0.0 33.6

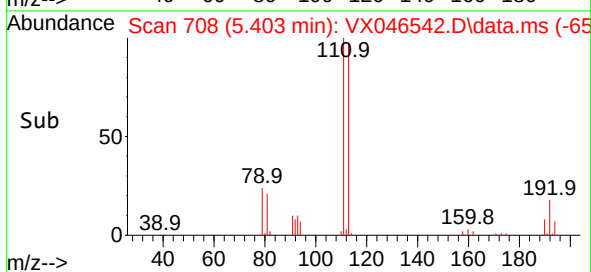
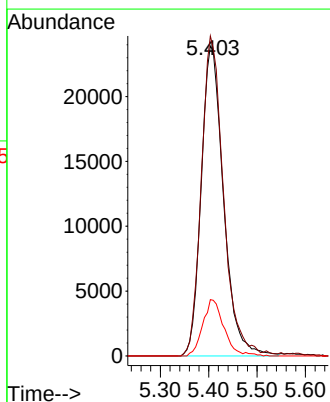
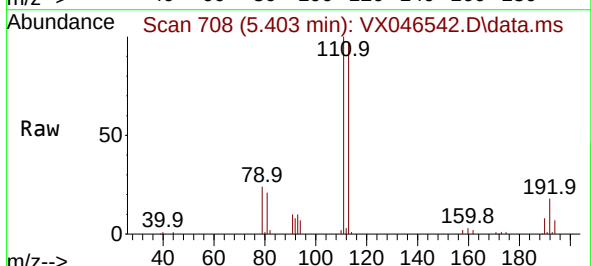
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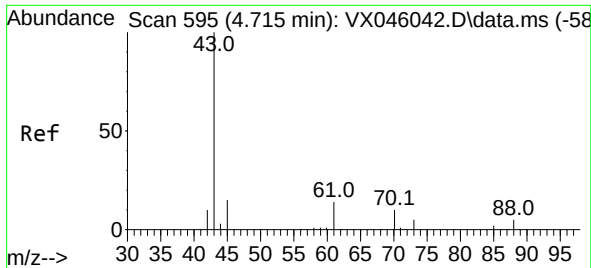
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#35
Dibromofluoromethane
Concen: 45.684 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046542.D
Acq: 06 Jun 2025 20:42

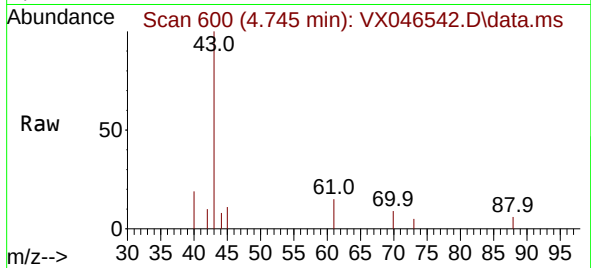
Tgt Ion:113 Resp: 76651
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 17.3 13.3 19.9





#37
Ethyl Acetate
Concen: 4.263 ug/l m
RT: 4.745 min Scan# 60
Delta R.T. 0.012 min
Lab File: VX046542.D
Acq: 06 Jun 2025 20:42

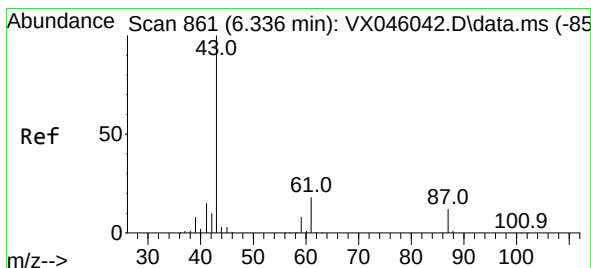
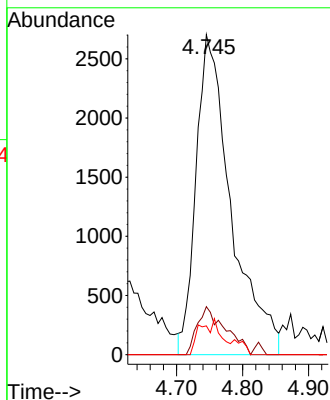
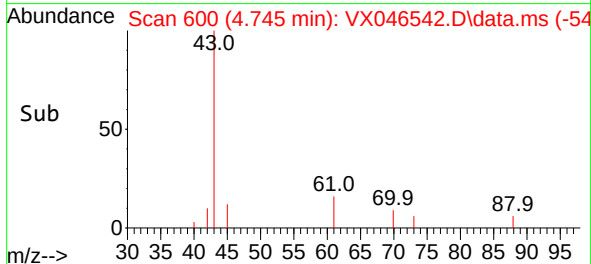
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-09



Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
61 12.1 10.3 15.5
70 3.8 7.9 11.9

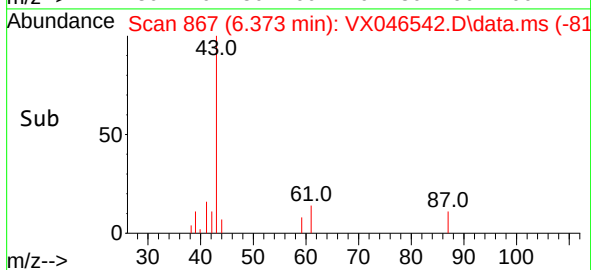
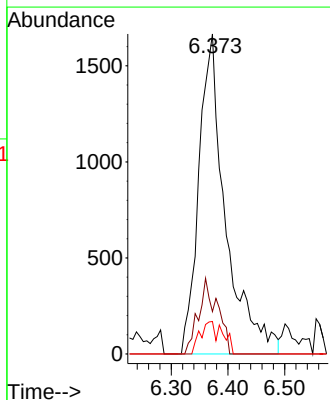
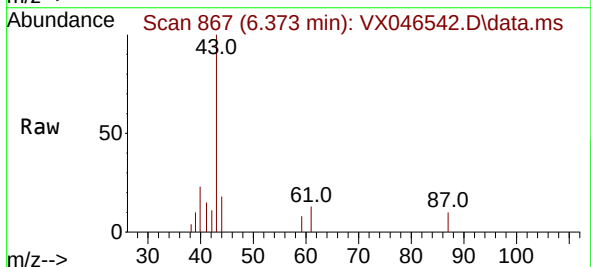
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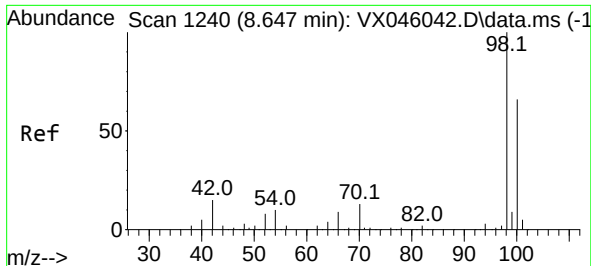
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#43
Isopropyl Acetate
Concen: 1.337 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.019 min
Lab File: VX046542.D
Acq: 06 Jun 2025 20:42

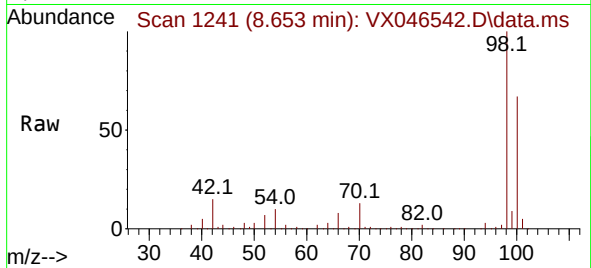
Tgt Ion: 43 Resp: 5454
Ion Ratio Lower Upper
43 100
61 16.8 14.3 21.5
87 5.5 9.5 14.3#





#50
Toluene-d8
Concen: 52.169 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046542.D
Acq: 06 Jun 2025 20:42

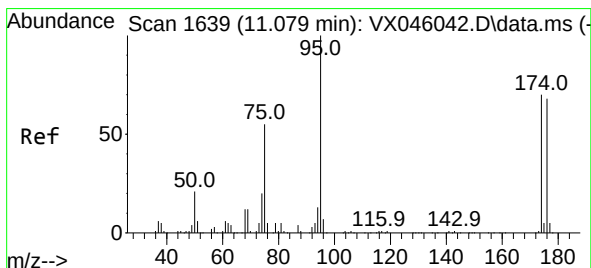
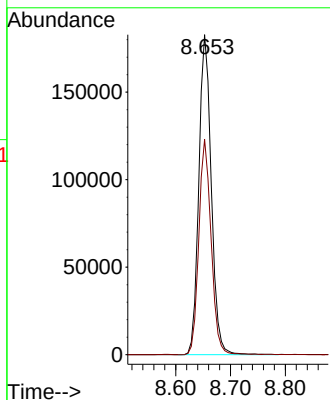
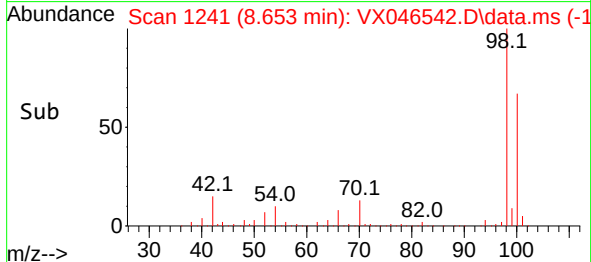
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-09



Tgt Ion: 98 Resp: 288584
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3

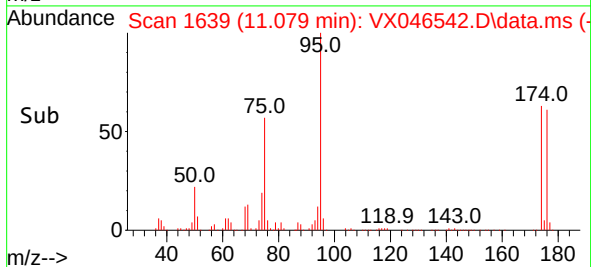
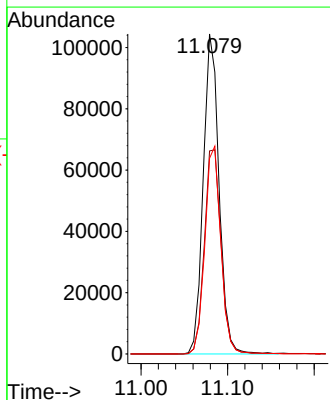
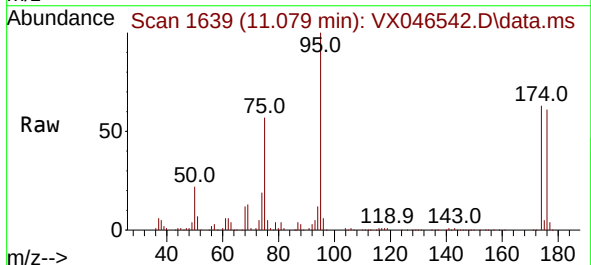
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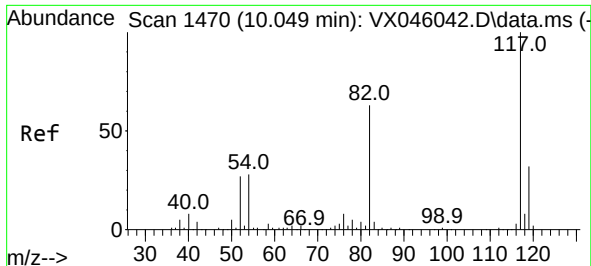
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#62
4-Bromofluorobenzene
Concen: 57.802 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046542.D
Acq: 06 Jun 2025 20:42

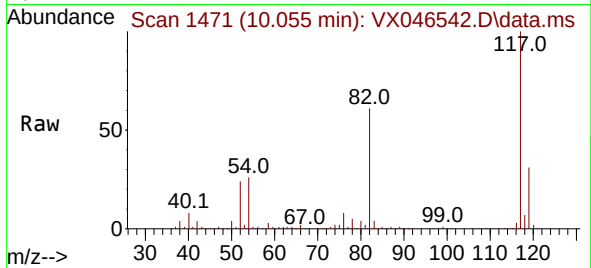
Tgt Ion: 95 Resp: 132292
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 65.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046542.D
Acq: 06 Jun 2025 20:42

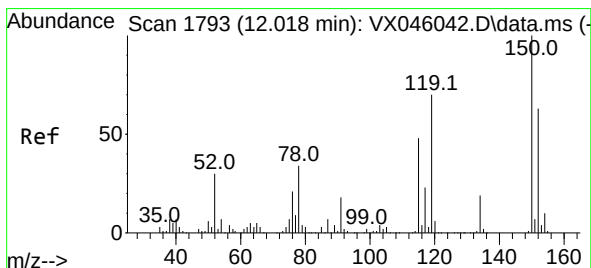
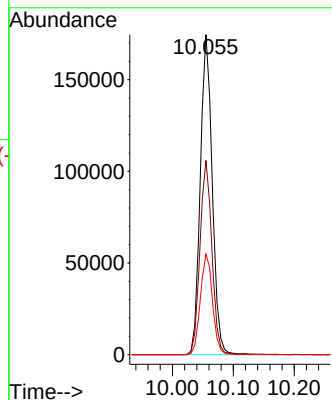
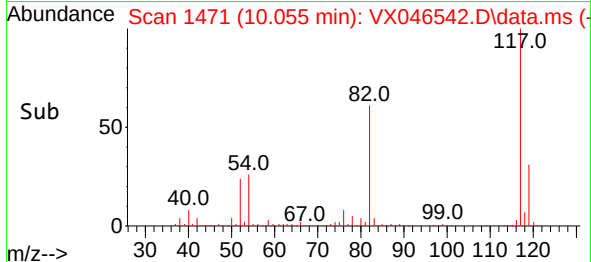
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-09



Tgt Ion:117 Resp: 238180
Ion Ratio Lower Upper
117 100
82 60.7 50.6 76.0
119 31.4 25.8 38.6

Manual Integrations
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Reviewed By :John Carlone 06/09/2025
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: VX046542.D
Acq: 06 Jun 2025 20:42

Tgt Ion:152 Resp: 121178
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 159.0 0.0 351.0

