

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046538.D
 Acq On : 06 Jun 2025 19:13
 Operator : JC/MD
 Sample : Q2207-45
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-703-COMP-05

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 23:25:47 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	5.574	168	116617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	228170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	105628	50.912	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.820%			
35) Dibromofluoromethane	5.409	113	77497	46.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.380%			
50) Toluene-d8	8.653	98	291961	52.777	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.560%			
62) 4-Bromofluorobenzene	11.079	95	132011	57.676	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.360%			
Target Compounds					Qvalue	
8) Diethyl Ether	2.154	74	26584	30.956	ug/l	92
16) Acetone	2.398	43	12743	19.948	ug/l	91
18) Methyl Acetate	2.721	43	12862	5.205	ug/l	97
20) Methylene Chloride	2.806	84	2882	1.731	ug/l	93
37) Ethyl Acetate	4.751	43	7934m	3.392	ug/l	
43) Isopropyl Acetate	6.361	43	5338	1.309	ug/l #	97

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

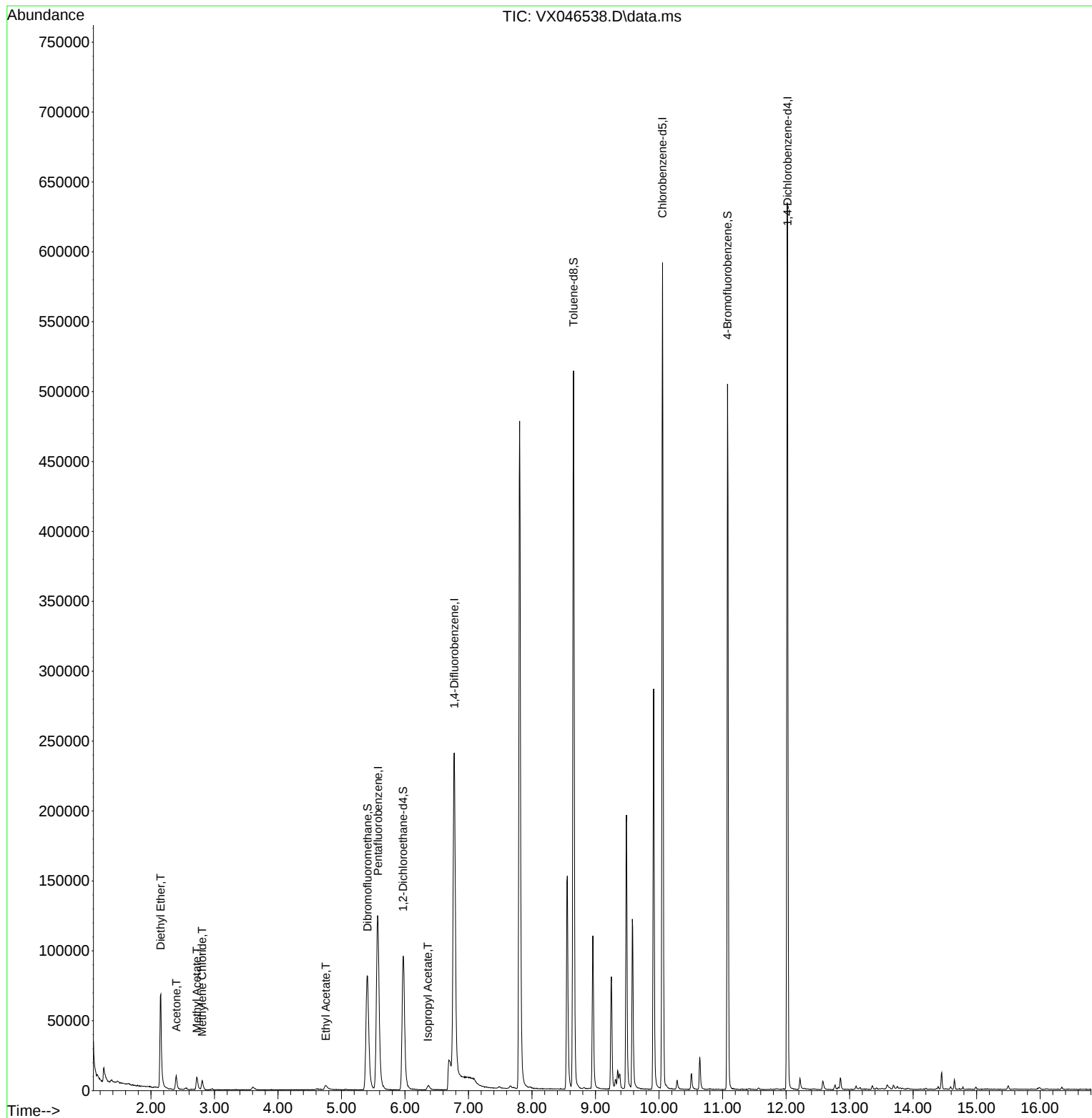
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
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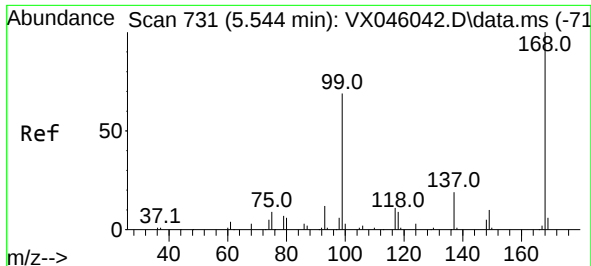
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-05

Quant Time: Jun 06 23:25:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
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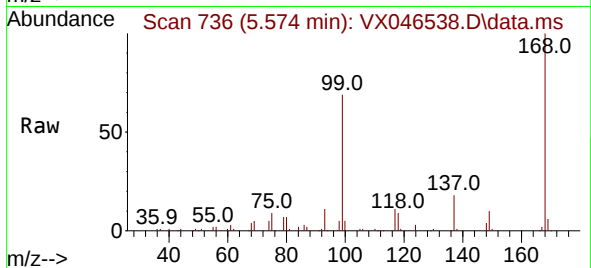
Reviewed By : John Carlone 06/09/2025
Supervised By : Mahesh Dadoda 06/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046538.D
Acq: 06 Jun 2025 19:13

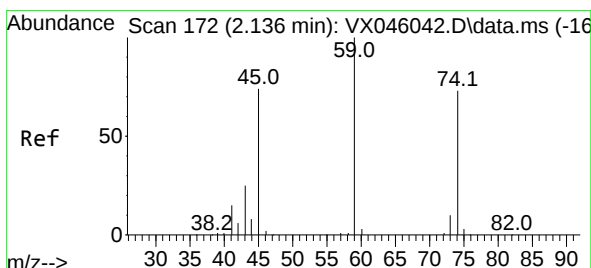
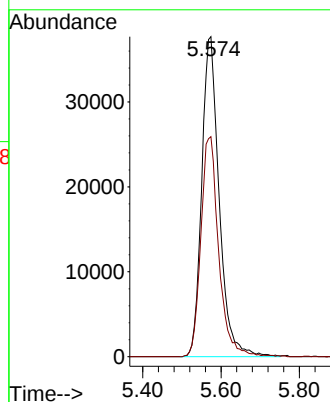
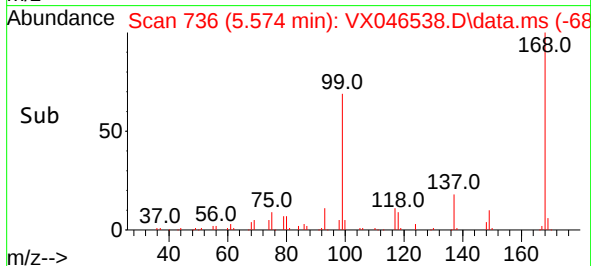
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-05



Tgt Ion:168 Resp: 11661
Ion Ratio Lower Upper
168 100
99 68.8 54.9 82.3

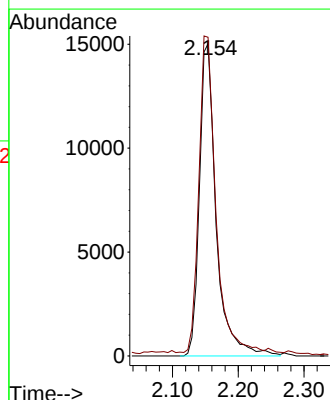
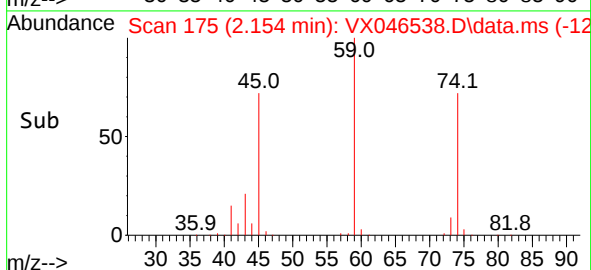
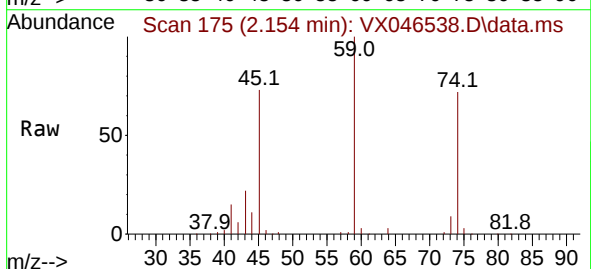
Manual Integrations
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Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 30.956 ug/l
RT: 2.154 min Scan# 175
Delta R.T. -0.000 min
Lab File: VX046538.D
Acq: 06 Jun 2025 19:13

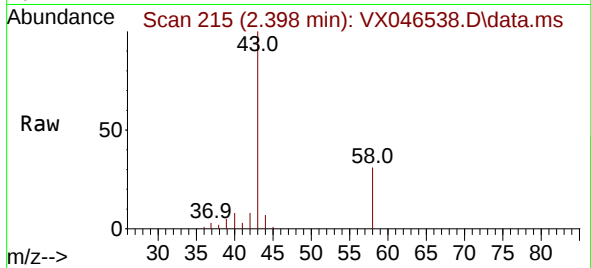
Tgt Ion: 74 Resp: 26584
Ion Ratio Lower Upper
74 100
45 101.8 54.9 164.8





#16
Acetone
Concen: 19.948 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046538.D
Acq: 06 Jun 2025 19:13

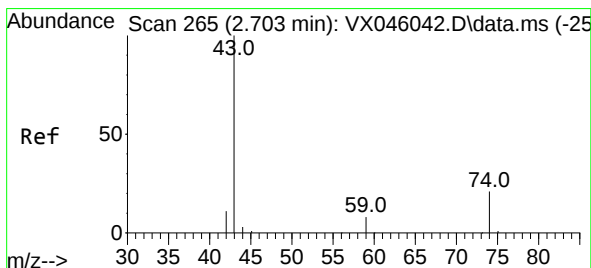
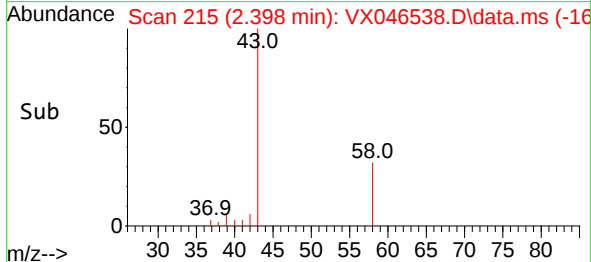
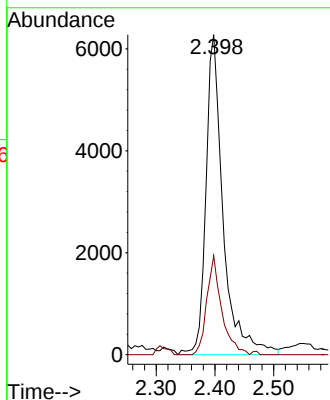
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-05



Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
58 30.9 21.2 31.8

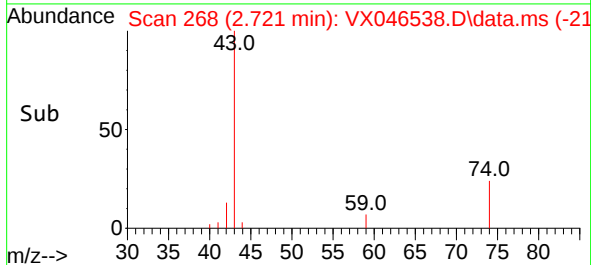
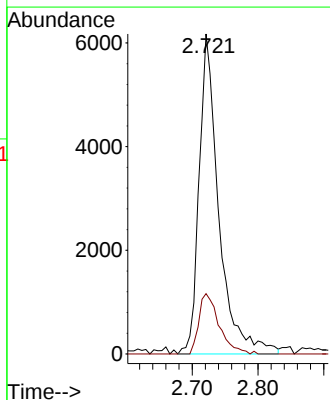
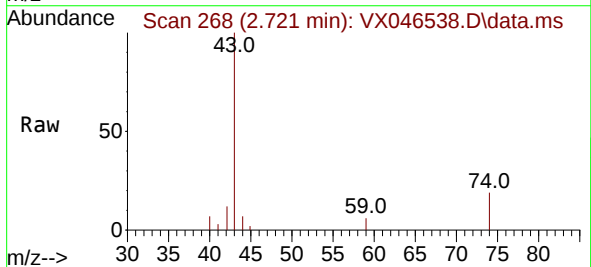
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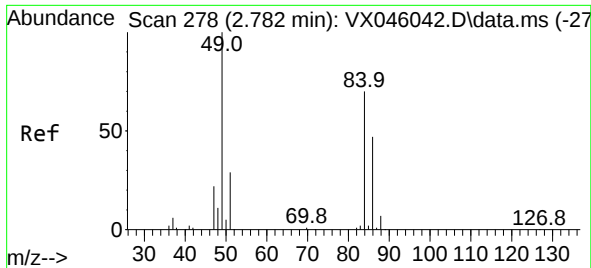
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#18
Methyl Acetate
Concen: 5.205 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046538.D
Acq: 06 Jun 2025 19:13

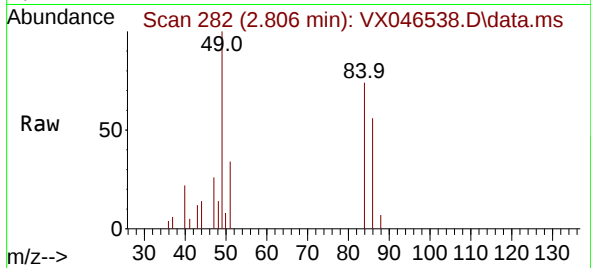
Tgt Ion: 43 Resp: 12862
Ion Ratio Lower Upper
43 100
74 19.3 16.7 25.1





#20
Methylene Chloride
Concen: 1.731 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046538.D
Acq: 06 Jun 2025 19:13

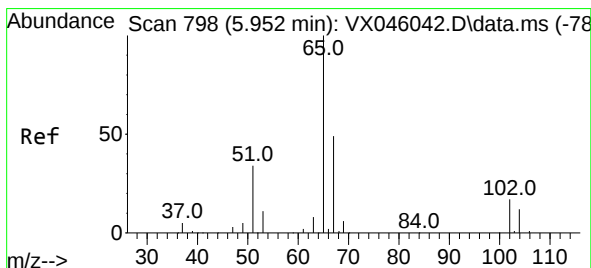
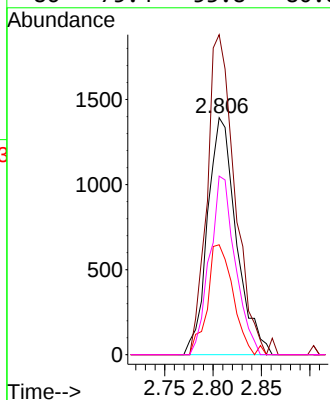
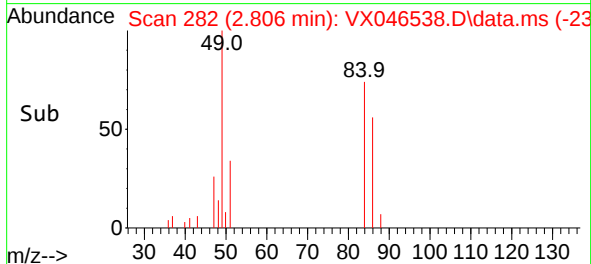
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-05



Tgt Ion: 84 Resp: 288
Ion Ratio Lower Upper
84 100
49 135.0 113.9 170.9
51 46.4 33.5 50.3
86 75.4 53.8 80.8

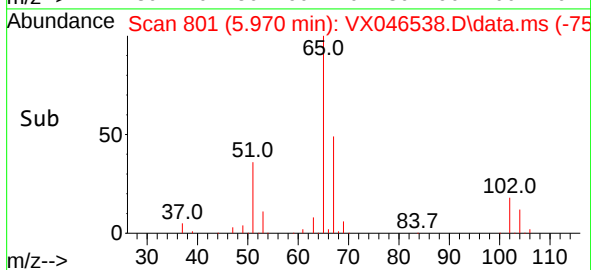
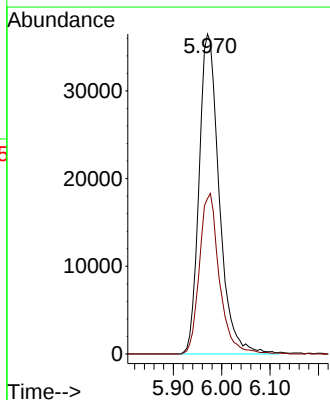
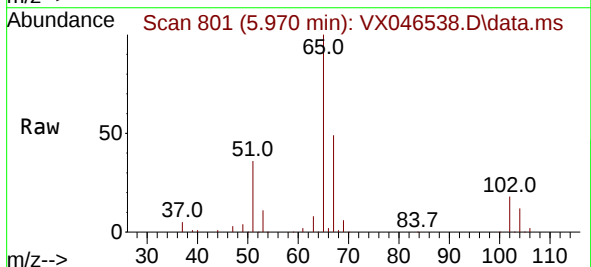
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#33
1,2-Dichloroethane-d4
Concen: 50.912 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046538.D
Acq: 06 Jun 2025 19:13

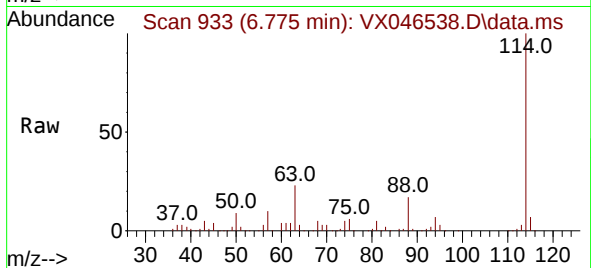
Tgt Ion: 65 Resp: 105628
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046538.D
Acq: 06 Jun 2025 19:13

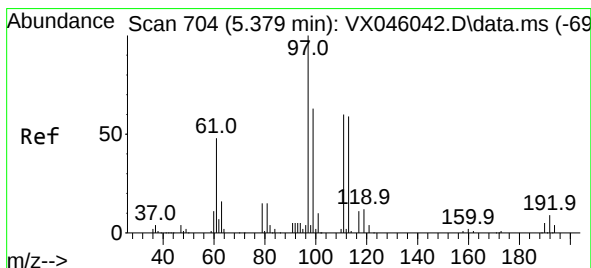
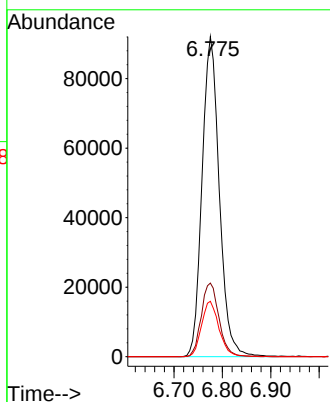
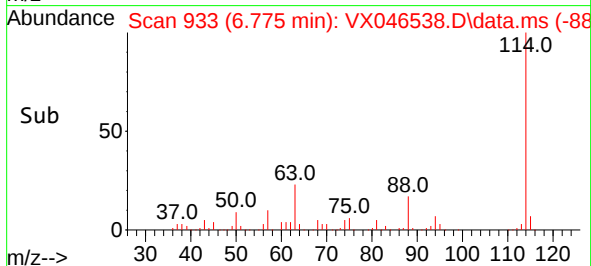
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-05



Tgt Ion:114 Resp: 228170
Ion Ratio Lower Upper
114 100
63 23.0 0.0 49.2
88 17.3 0.0 33.6

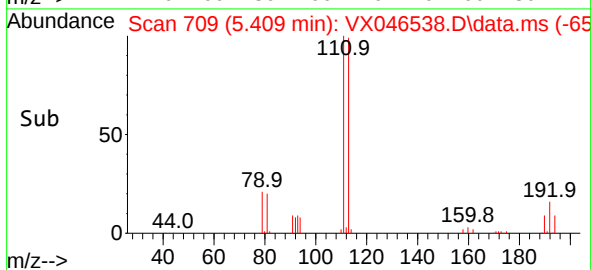
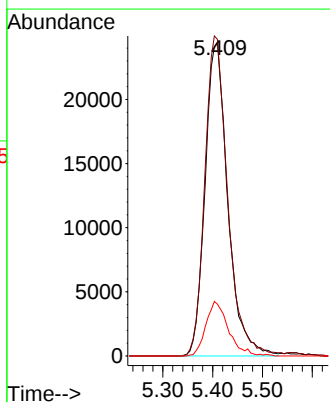
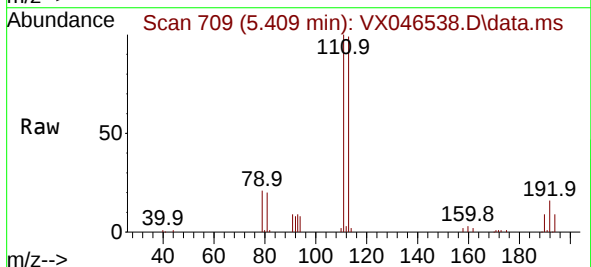
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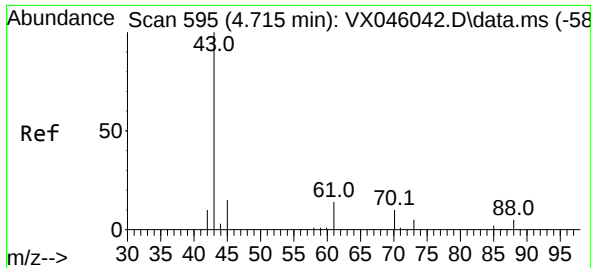
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#35
Dibromofluoromethane
Concen: 46.185 ug/l
RT: 5.409 min Scan# 709
Delta R.T. 0.006 min
Lab File: VX046538.D
Acq: 06 Jun 2025 19:13

Tgt Ion:113 Resp: 77497
Ion Ratio Lower Upper
113 100
111 102.7 83.1 124.7
192 17.3 13.3 19.9





#37

Ethyl Acetate

Concen: 3.392 ug/l m

RT: 4.751 min Scan# 601

Delta R.T. 0.018 min

Lab File: VX046538.D

Acq: 06 Jun 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

BU-703-COMP-05

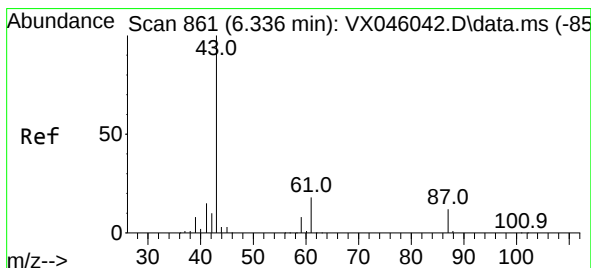
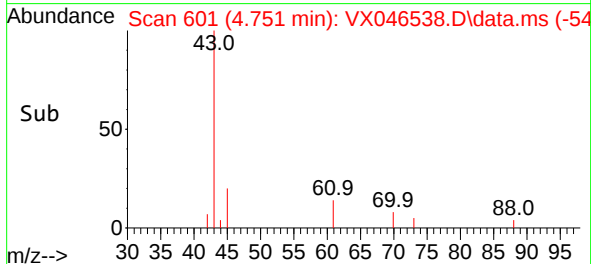
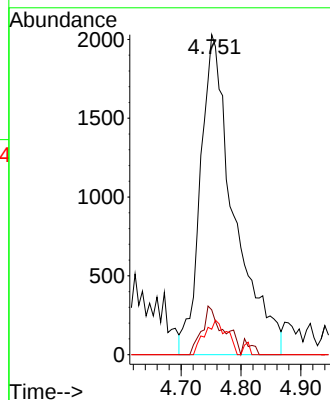
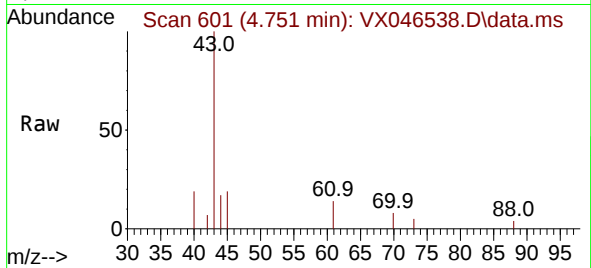
Tgt Ion:	43	Resp:	7934
Ion	Ratio	Lower	Upper
43	100		
61	9.7	10.3	15.5
70	7.1	7.9	11.9

Manual Integrations

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Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#43

Isopropyl Acetate

Concen: 1.309 ug/l

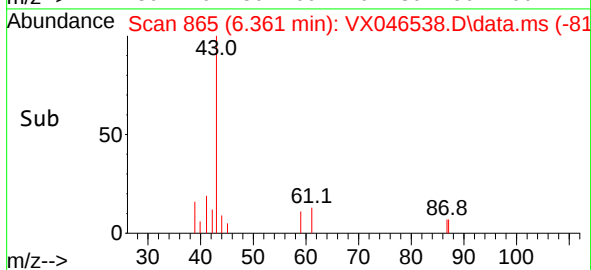
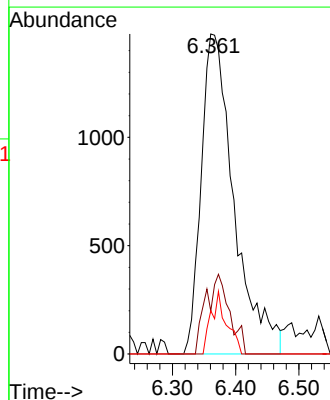
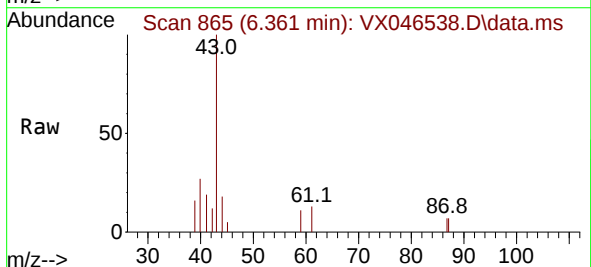
RT: 6.361 min Scan# 865

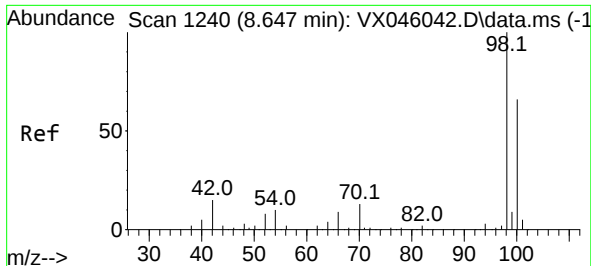
Delta R.T. 0.007 min

Lab File: VX046538.D

Acq: 06 Jun 2025 19:13

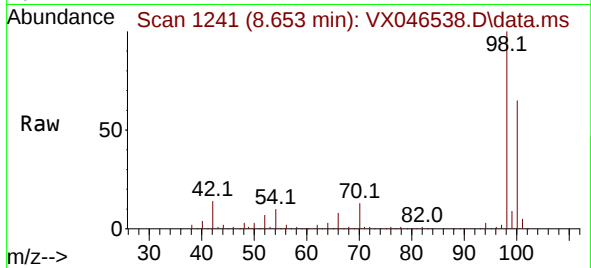
Tgt Ion:	43	Resp:	5338
Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.3	21.5
87	9.3	9.5	14.3





#50
Toluene-d8
Concen: 52.777 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046538.D
Acq: 06 Jun 2025 19:13

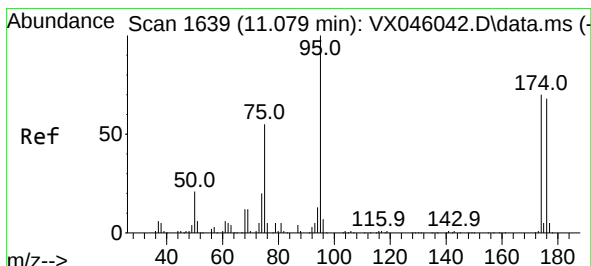
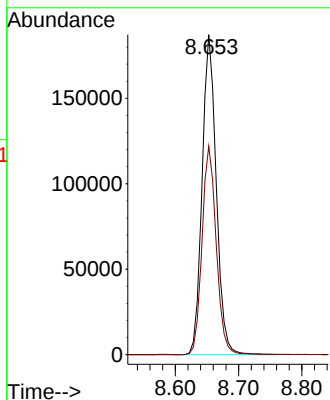
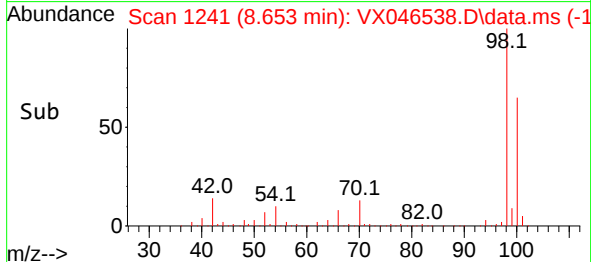
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-05



Tgt Ion: 98 Resp: 29196
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3

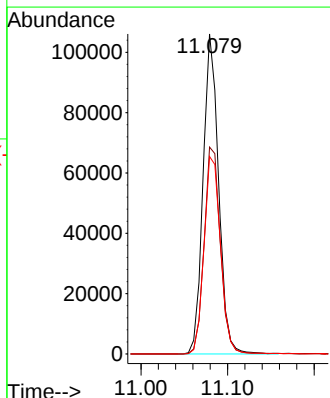
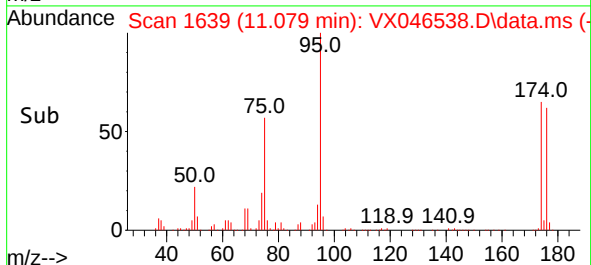
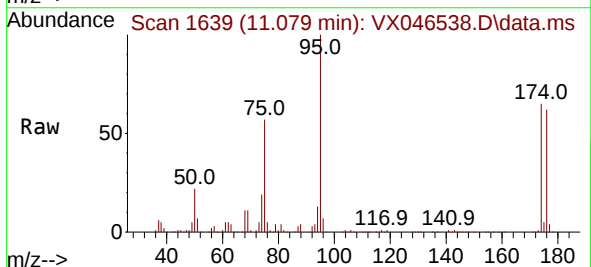
Manual Integrations
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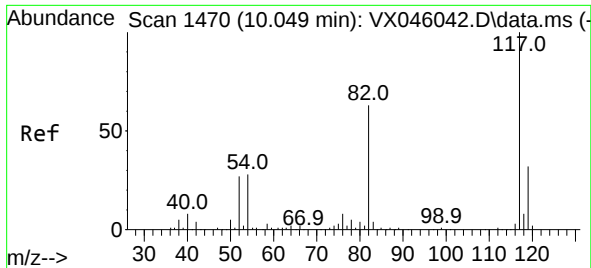
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#62
4-Bromofluorobenzene
Concen: 57.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046538.D
Acq: 06 Jun 2025 19:13

Tgt Ion: 95 Resp: 132011
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.8
176 65.8 0.0 131.4





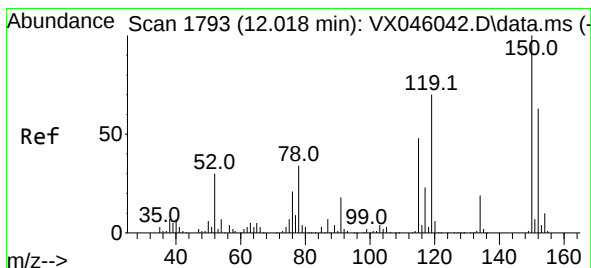
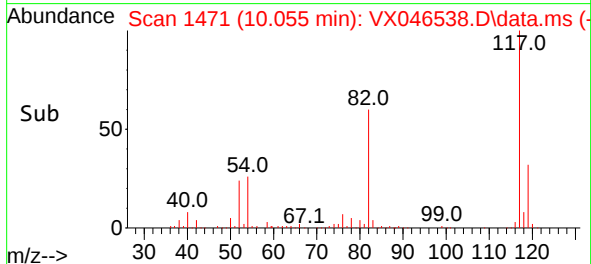
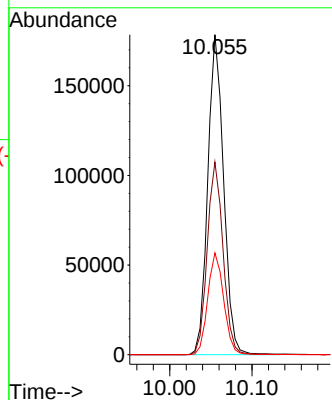
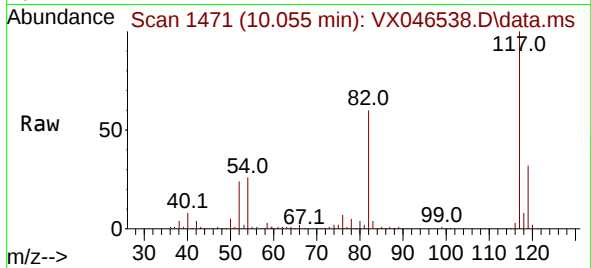
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046538.D
Acq: 06 Jun 2025 19:13

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 238520
Ion Ratio Lower Upper
117 100
82 60.2 50.6 76.0
119 31.8 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: VX046538.D
Acq: 06 Jun 2025 19:13

Tgt Ion:152 Resp: 121599
Ion Ratio Lower Upper
152 100
115 64.1 46.9 140.7
150 156.1 0.0 351.0

