

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046540.D
 Acq On : 06 Jun 2025 19:58
 Operator : JC/MD
 Sample : Q2208-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-703-COMP-07

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 23:26:43 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	116710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	229793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	102909	49.561	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.120%		
35) Dibromofluoromethane	5.403	113	75846	44.882	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.760%		
50) Toluene-d8	8.653	98	290998	52.231	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.460%		
62) 4-Bromofluorobenzene	11.079	95	131503	57.048	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	114.100%		
Target Compounds						Qvalue
8) Diethyl Ether	2.154	74	25297	29.434	ug/l	96
16) Acetone	2.392	43	11958	18.991	ug/l	100
18) Methyl Acetate	2.721	43	12640	5.111	ug/l	100
20) Methylene Chloride	2.812	84	2898	1.740	ug/l #	83
37) Ethyl Acetate	4.745	43	7837m	3.326	ug/l	
43) Isopropyl Acetate	6.367	43	5385	1.311	ug/l #	96

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

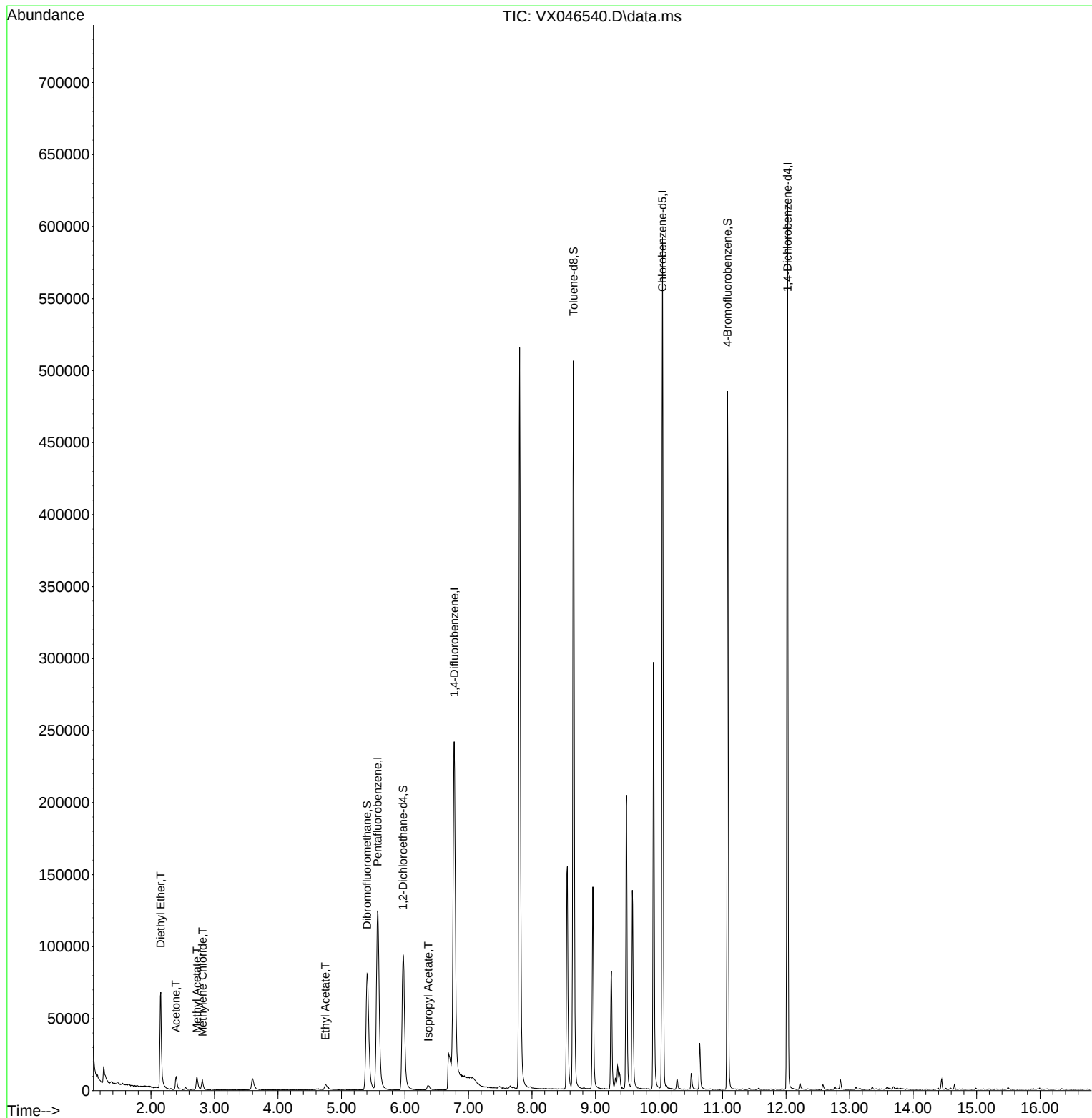
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
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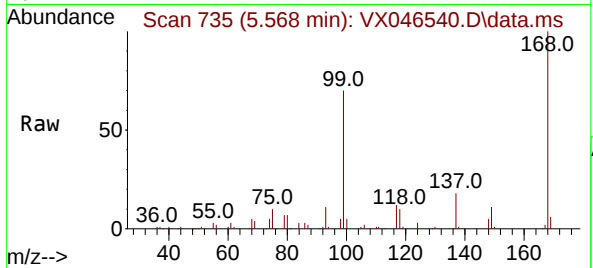
Reviewed By : John Carlone 06/09/2025
Supervised By : Mahesh Dadoda 06/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046540.D
Acq: 06 Jun 2025 19:58

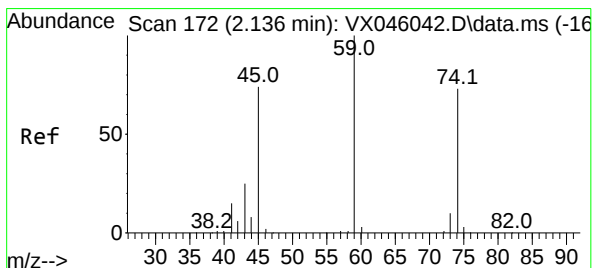
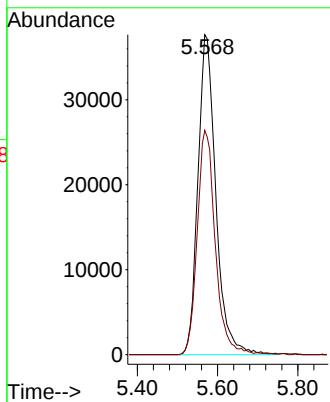
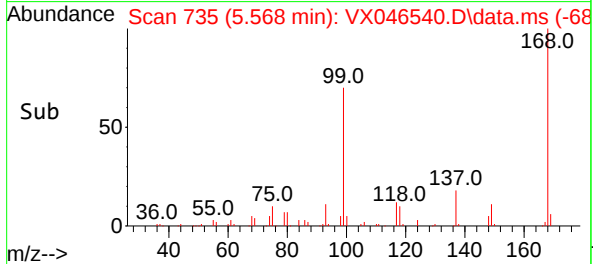
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-07



Tgt Ion:168 Resp: 116710
Ion Ratio Lower Upper
168 100
99 70.1 54.9 82.3

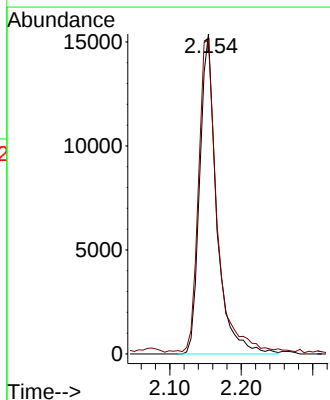
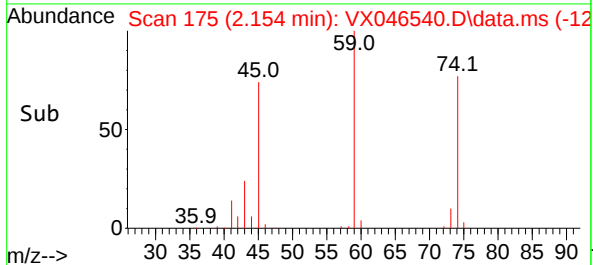
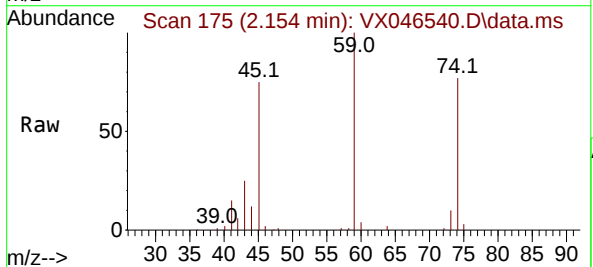
Manual Integrations
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Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 29.434 ug/l
RT: 2.154 min Scan# 175
Delta R.T. 0.000 min
Lab File: VX046540.D
Acq: 06 Jun 2025 19:58

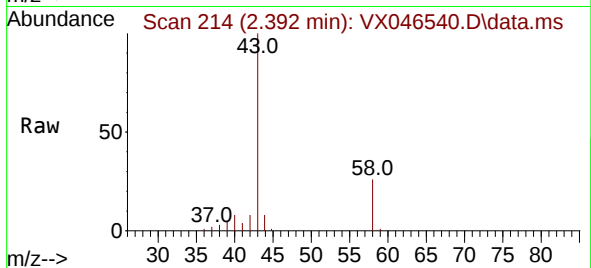
Tgt Ion: 74 Resp: 25297
Ion Ratio Lower Upper
74 100
45 105.9 54.9 164.8





#16
Acetone
Concen: 18.991 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046540.D
Acq: 06 Jun 2025 19:58

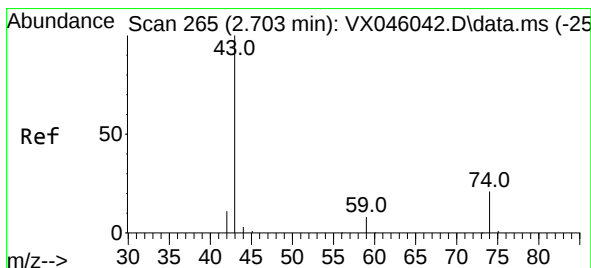
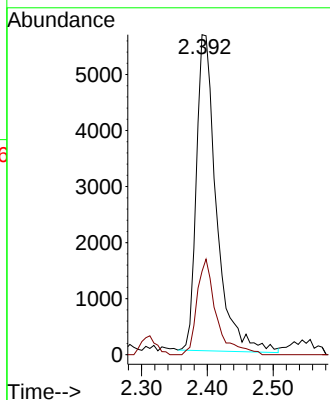
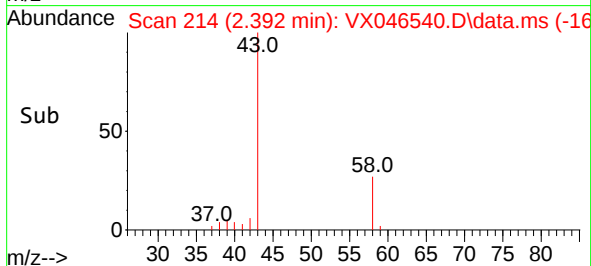
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-07



Tgt Ion: 43 Resp: 11958
Ion Ratio Lower Upper
43 100
58 26.4 21.2 31.8

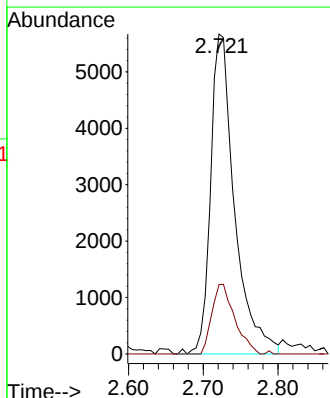
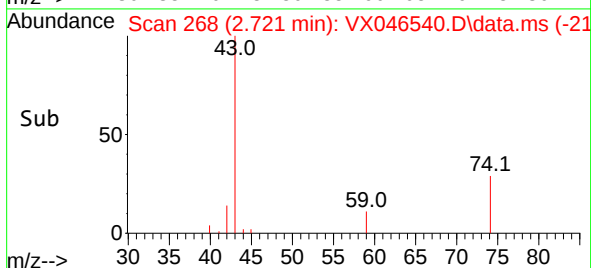
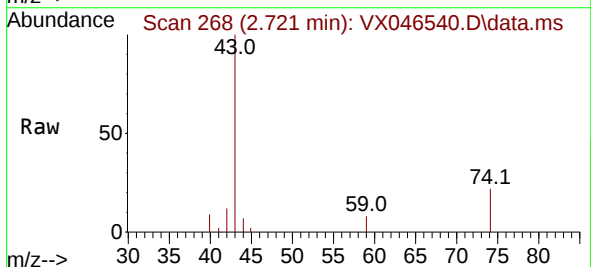
Manual Integrations
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Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#18
Methyl Acetate
Concen: 5.111 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046540.D
Acq: 06 Jun 2025 19:58

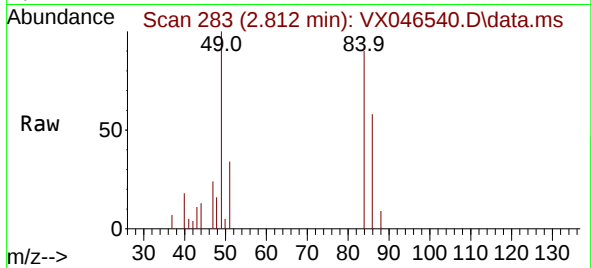
Tgt Ion: 43 Resp: 12640
Ion Ratio Lower Upper
43 100
74 20.7 16.7 25.1





#20
Methylene Chloride
Concen: 1.740 ug/l
RT: 2.812 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX046540.D
Acq: 06 Jun 2025 19:58

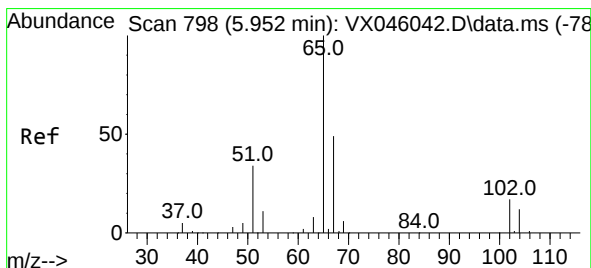
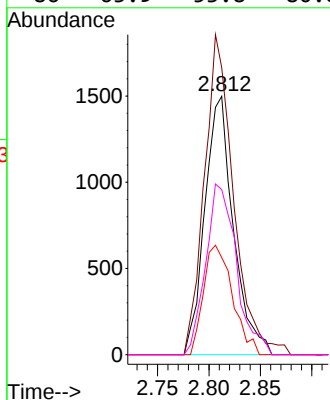
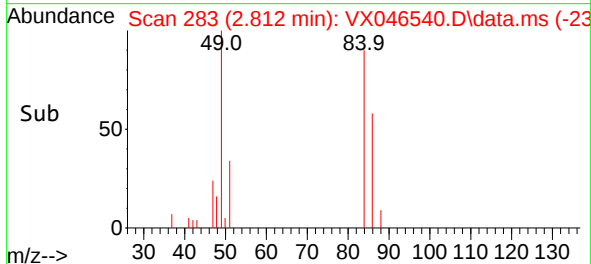
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-07



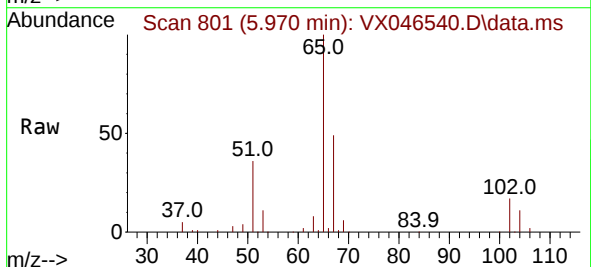
Tgt Ion: 84 Resp: 289
Ion Ratio Lower Upper
84 100
49 111.1 113.9 170.9
51 37.6 33.5 50.3
86 63.9 53.8 80.8

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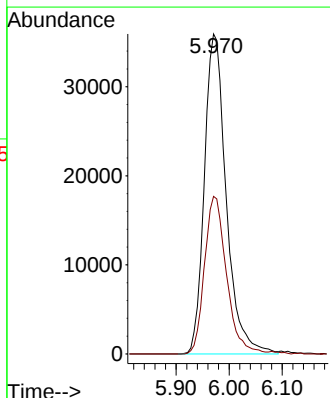
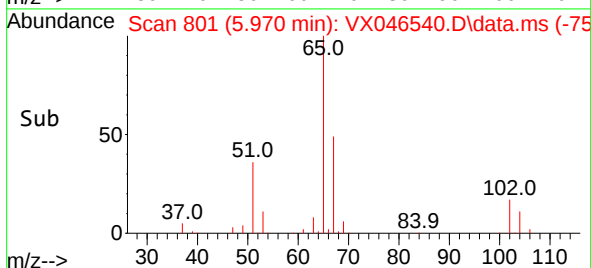
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#33
1,2-Dichloroethane-d4
Concen: 49.561 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046540.D
Acq: 06 Jun 2025 19:58



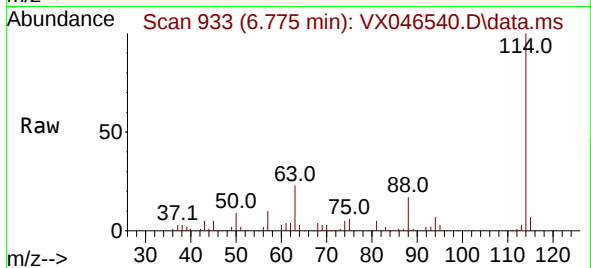
Tgt Ion: 65 Resp: 102909
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046540.D
Acq: 06 Jun 2025 19:58

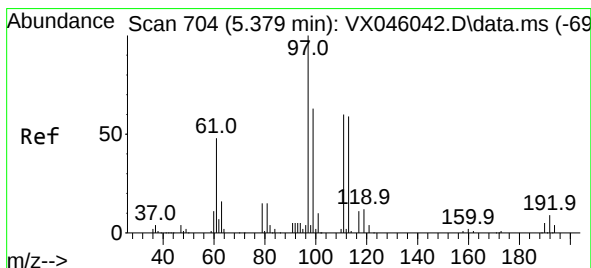
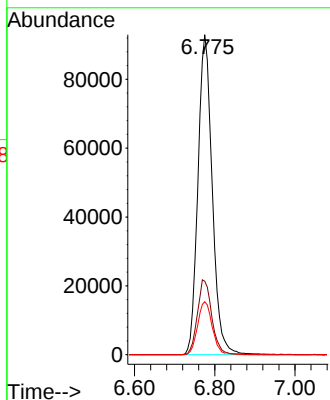
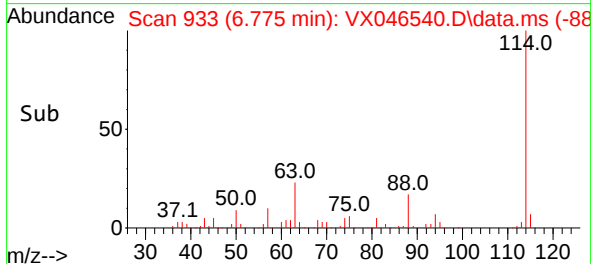
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-07



Tgt Ion:114 Resp: 22979
Ion Ratio Lower Upper
114 100
63 22.9 0.0 49.2
88 16.6 0.0 33.6

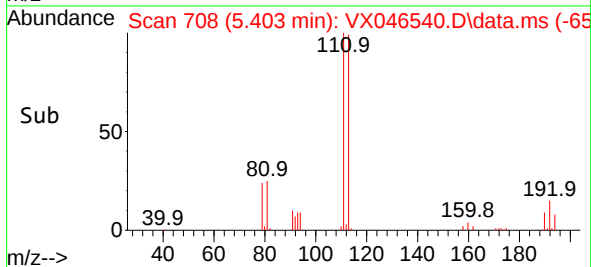
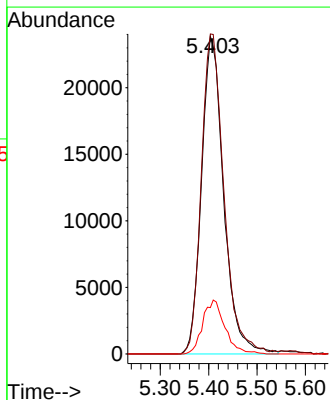
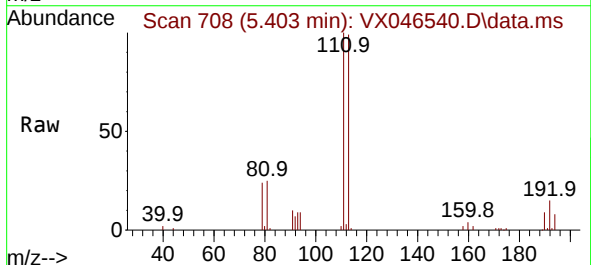
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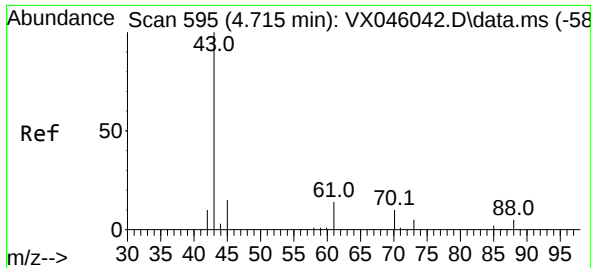
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#35
Dibromofluoromethane
Concen: 44.882 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046540.D
Acq: 06 Jun 2025 19:58

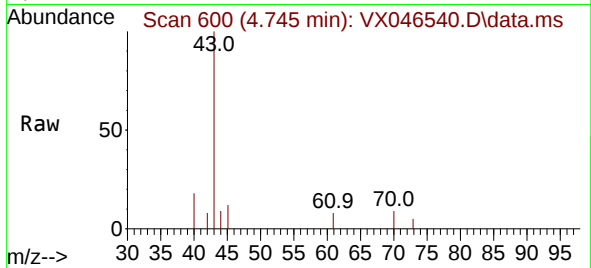
Tgt Ion:113 Resp: 75846
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 17.0 13.3 19.9





#37
Ethyl Acetate
Concen: 3.326 ug/l m
RT: 4.745 min Scan# 600
Delta R.T. 0.012 min
Lab File: VX046540.D
Acq: 06 Jun 2025 19:58

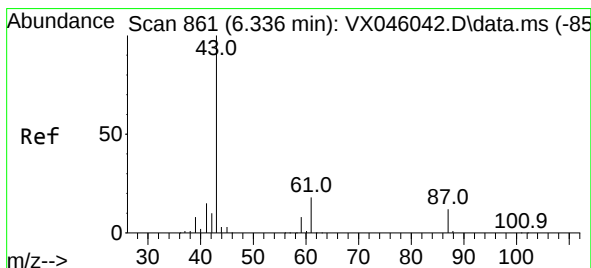
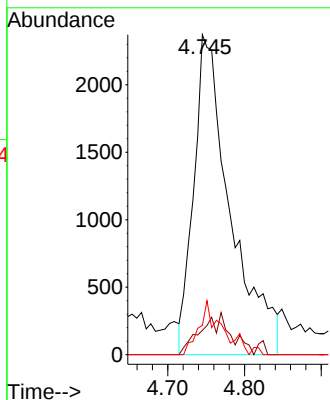
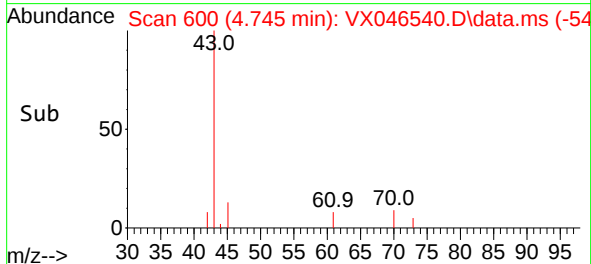
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-07



Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
61 6.0 10.3 15.5
70 10.6 7.9 11.9

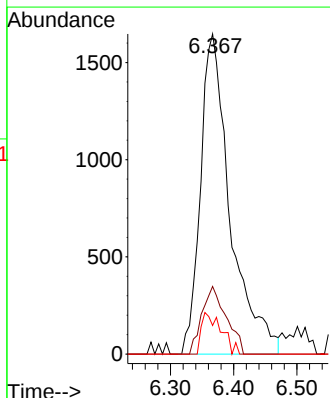
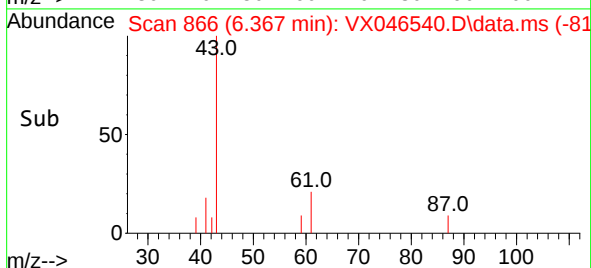
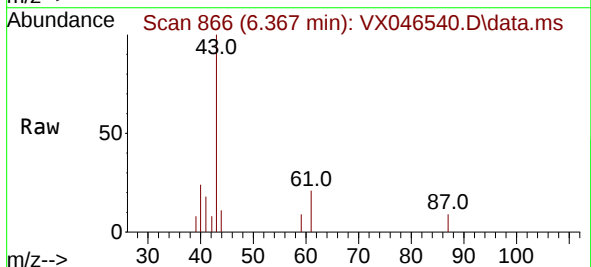
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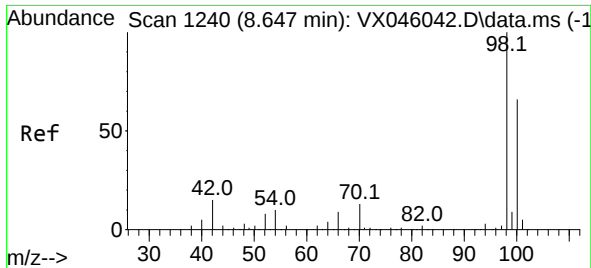
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#43
Isopropyl Acetate
Concen: 1.311 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.013 min
Lab File: VX046540.D
Acq: 06 Jun 2025 19:58

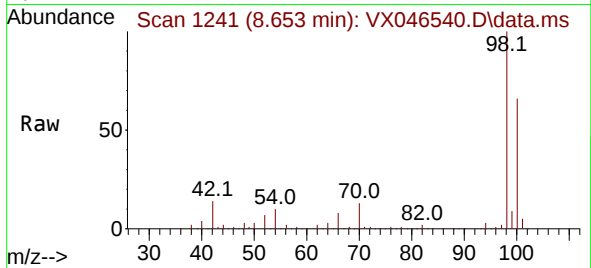
Tgt Ion: 43 Resp: 5385
Ion Ratio Lower Upper
43 100
61 17.3 14.3 21.5
87 8.7 9.5 14.3#





#50
Toluene-d8
Concen: 52.231 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046540.D
Acq: 06 Jun 2025 19:58

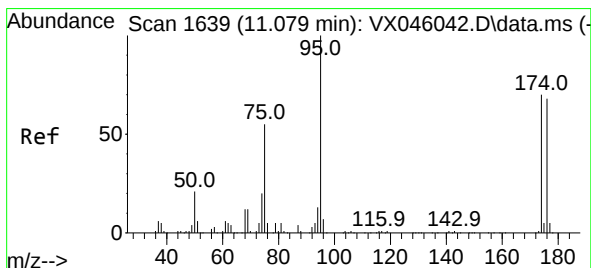
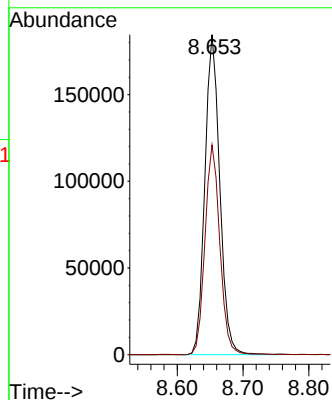
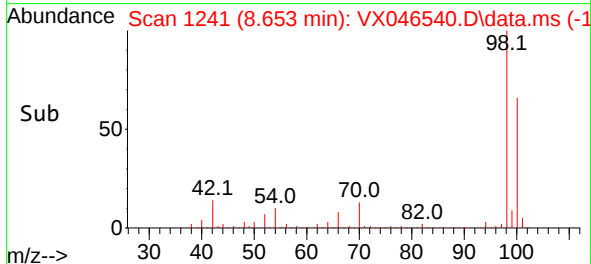
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Tgt Ion: 98 Resp: 290998
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3

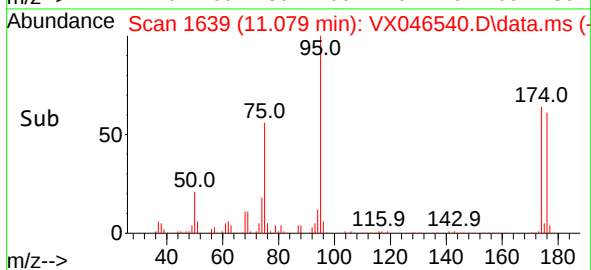
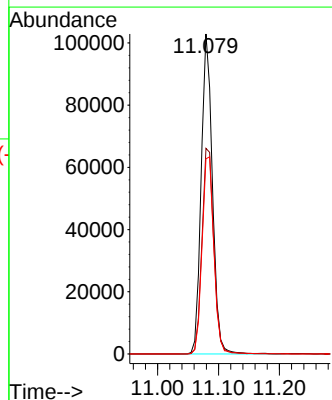
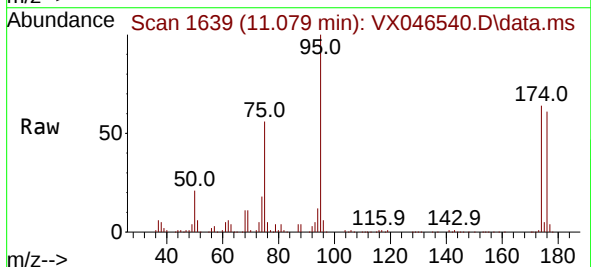
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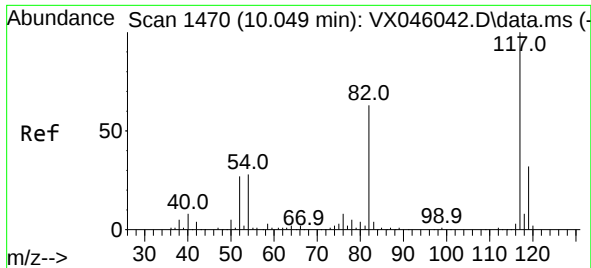
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#62
4-Bromofluorobenzene
Concen: 57.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046540.D
Acq: 06 Jun 2025 19:58

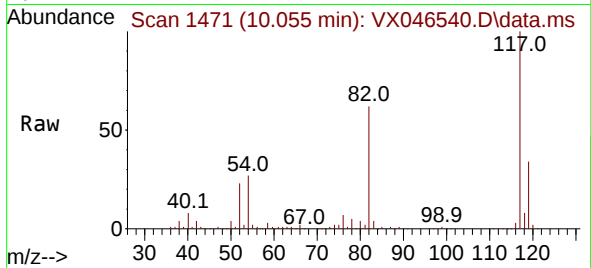
Tgt Ion: 95 Resp: 131503
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 64.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046540.D
Acq: 06 Jun 2025 19:58

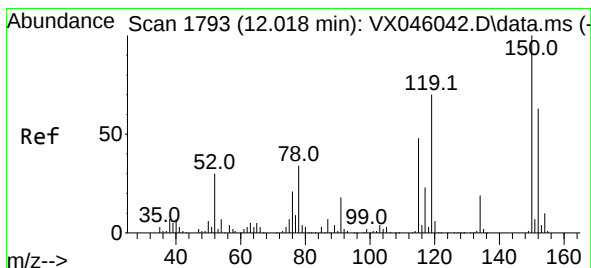
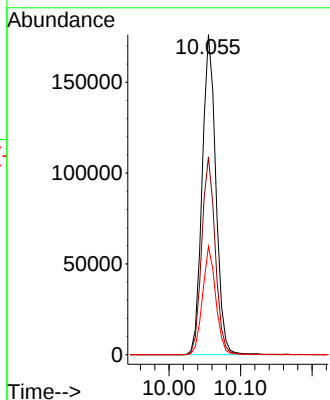
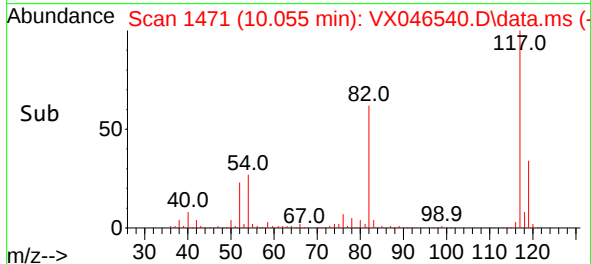
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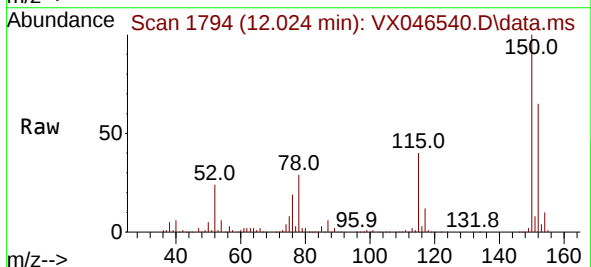
Tgt Ion:117 Resp: 23452
Ion Ratio Lower Upper
117 100
82 61.8 50.6 76.0
119 33.8 25.8 38.6

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: VX046540.D
Acq: 06 Jun 2025 19:58



Tgt Ion:152 Resp: 121977
Ion Ratio Lower Upper
152 100
115 64.5 46.9 140.7
150 155.4 0.0 351.0

