

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046534.D
 Acq On : 06 Jun 2025 17:43
 Operator : JC/MD
 Sample : Q2207-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-703-COMP-01

Quant Time: Jun 06 23:23:52 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	117425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	228661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	102588	49.106	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.220%		
35) Dibromofluoromethane	5.404	113	76334	45.395	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.780%		
50) Toluene-d8	8.653	98	291127	52.513	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.020%		
62) 4-Bromofluorobenzene	11.079	95	131515	57.336	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	114.680%		
Target Compounds						
						Qvalue
8) Diethyl Ether	2.154	74	33754	39.034	ug/l	92
16) Acetone	2.398	43	12996	20.145	ug/l	97
18) Methyl Acetate	2.721	43	13584	5.459	ug/l	96
20) Methylene Chloride	2.807	84	2769	1.652	ug/l #	93
37) Ethyl Acetate	4.751	43	8341m	3.558	ug/l	
43) Isopropyl Acetate	6.361	43	4734	1.158	ug/l	99

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

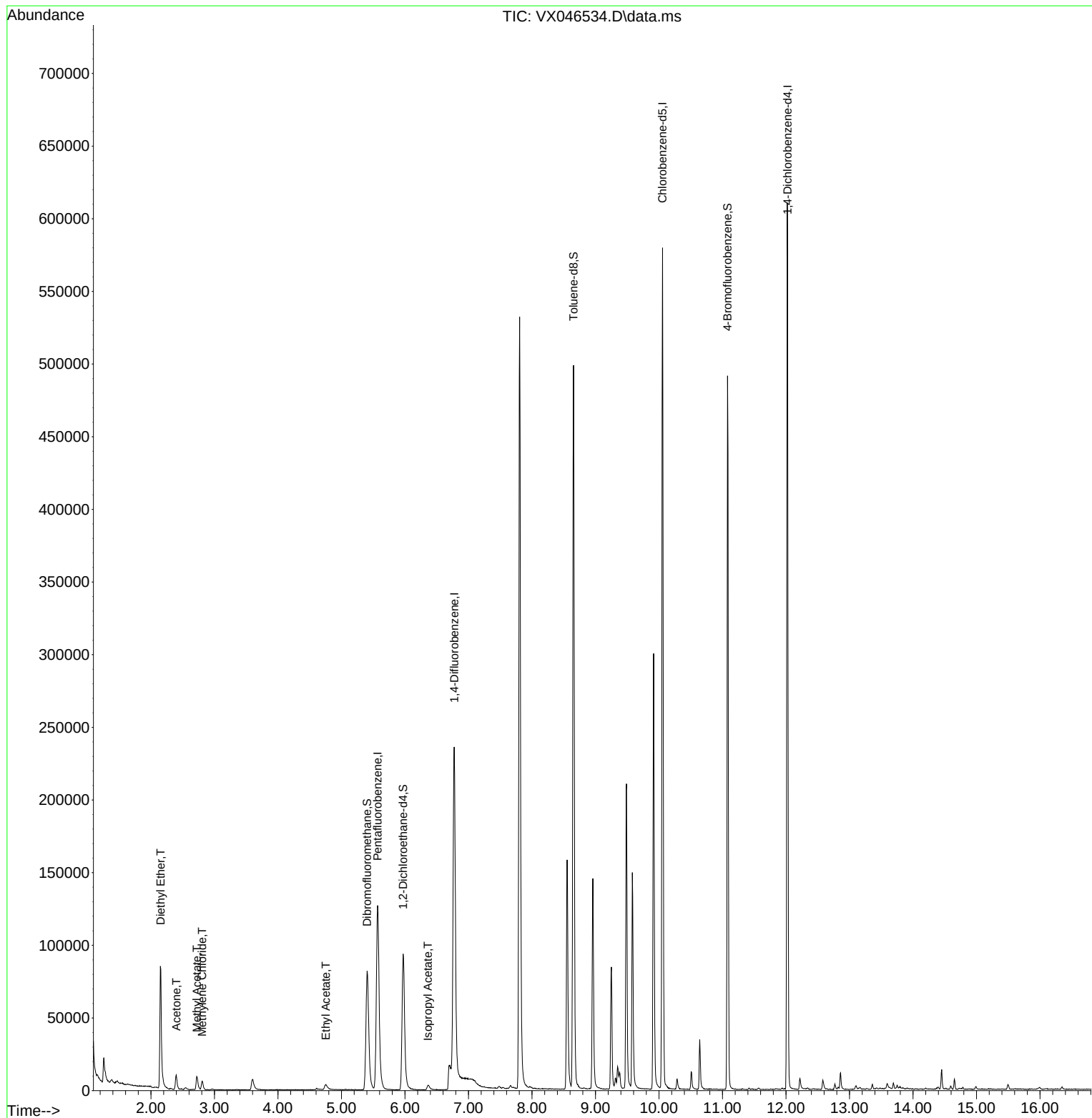
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046534.D
Acq On : 06 Jun 2025 17:43
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

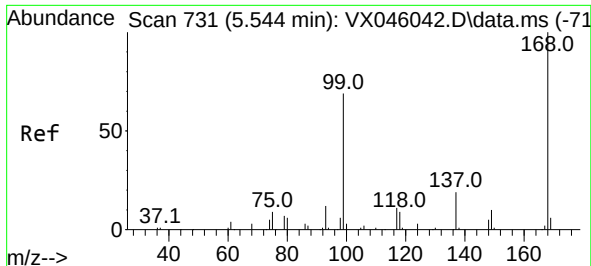
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-01

Quant Time: Jun 06 23:23:52 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

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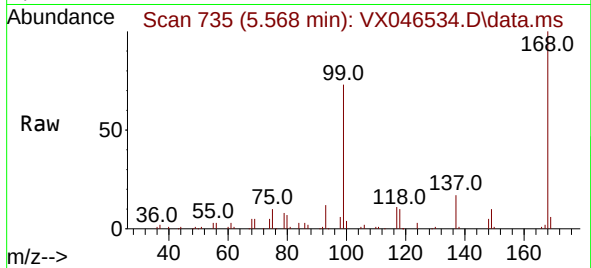
Reviewed By : John Carlone 06/09/2025
Supervised By : Mahesh Dadoda 06/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046534.D
Acq: 06 Jun 2025 17:43

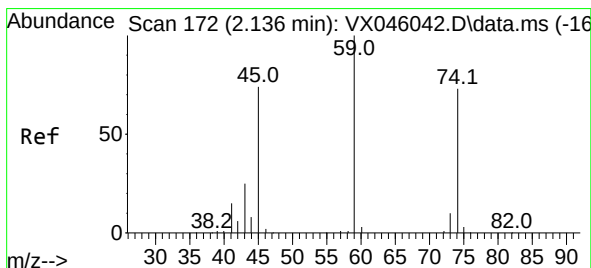
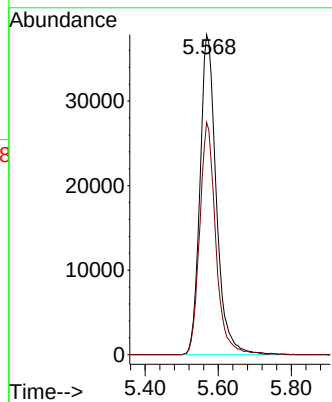
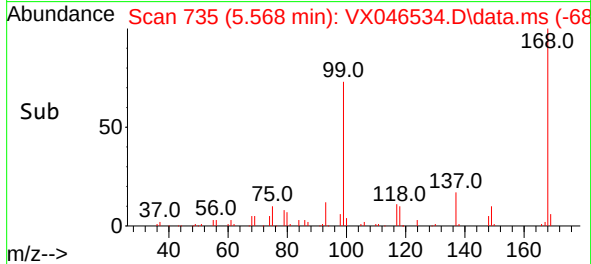
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-01



Tgt Ion:168 Resp: 11742
Ion Ratio Lower Upper
168 100
99 72.6 54.9 82.3

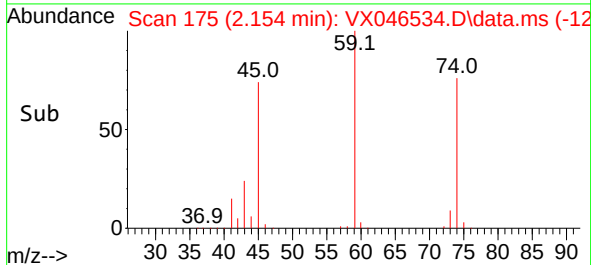
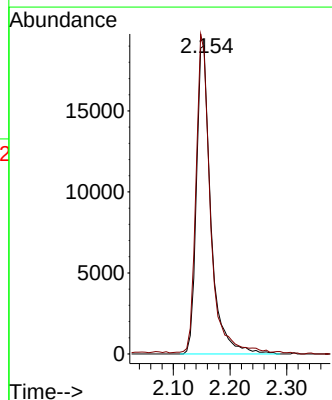
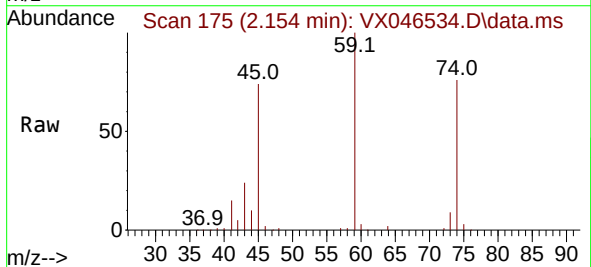
Manual Integrations
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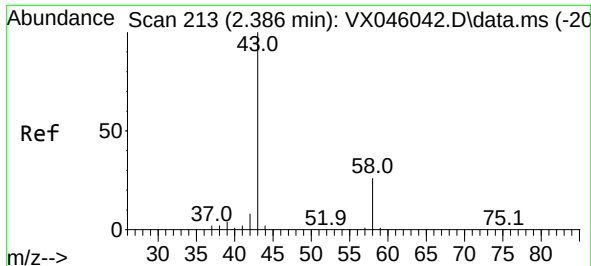
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 39.034 ug/l
RT: 2.154 min Scan# 175
Delta R.T. 0.000 min
Lab File: VX046534.D
Acq: 06 Jun 2025 17:43

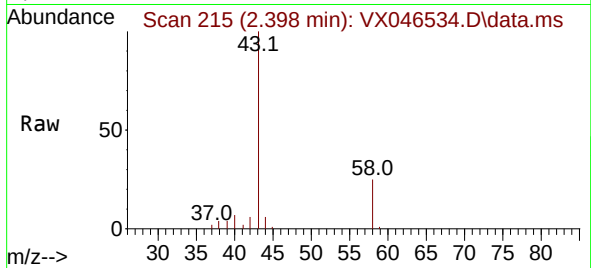
Tgt Ion: 74 Resp: 33754
Ion Ratio Lower Upper
74 100
45 101.5 54.9 164.8





#16
Acetone
Concen: 20.145 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046534.D
Acq: 06 Jun 2025 17:43

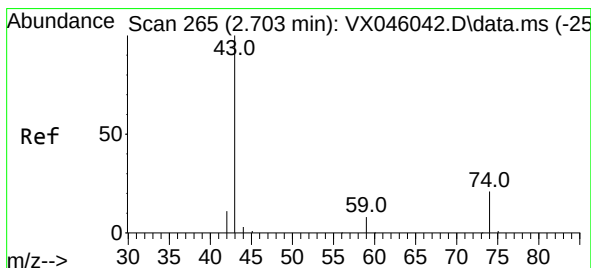
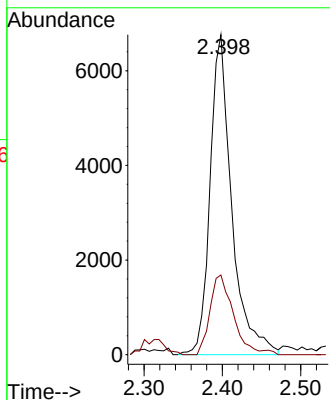
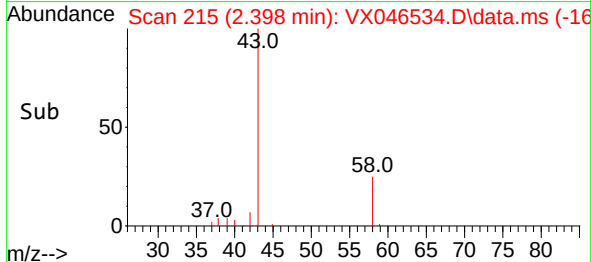
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-01



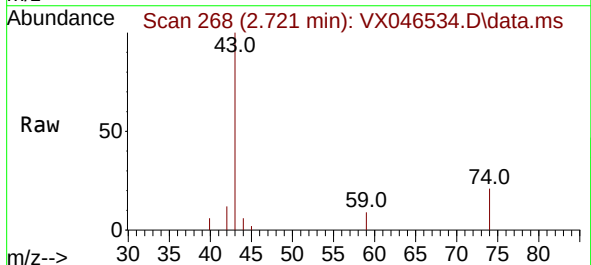
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Ion Ratio Lower Upper
43 100
58 24.9 21.2 31.8

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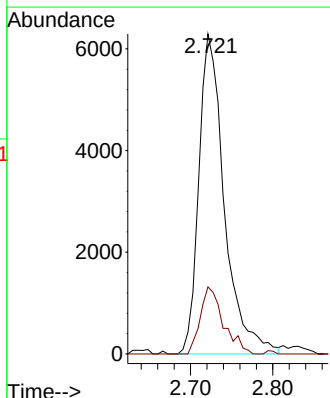
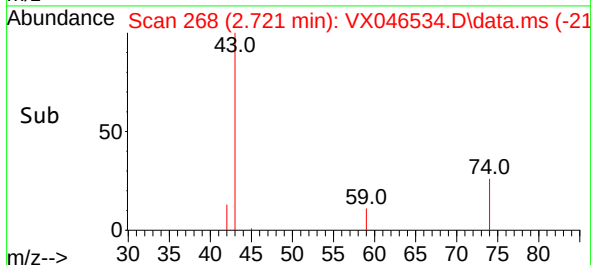
Reviewed By :John Carlone 06/09/2025
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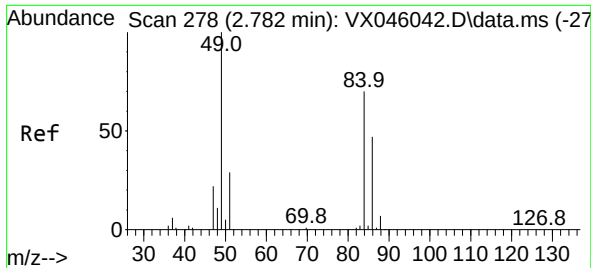


#18
Methyl Acetate
Concen: 5.459 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.000 min
Lab File: VX046534.D
Acq: 06 Jun 2025 17:43



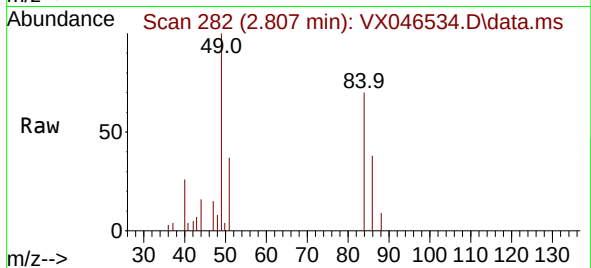
Tgt Ion: 43 Resp: 13584
Ion Ratio Lower Upper
43 100
74 18.9 16.7 25.1





#20
Methylene Chloride
Concen: 1.652 ug/l
RT: 2.807 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX046534.D
Acq: 06 Jun 2025 17:43

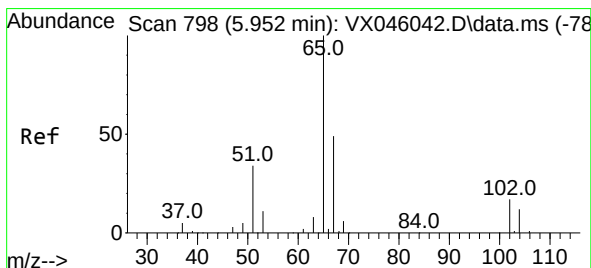
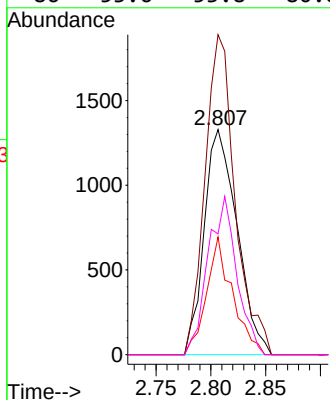
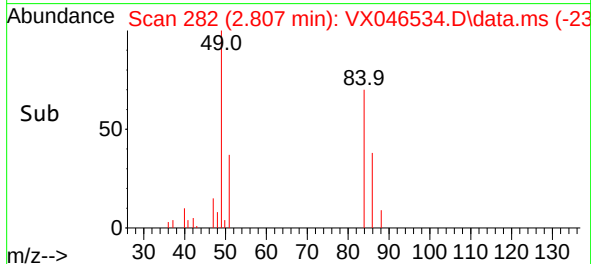
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-01



Tgt Ion: 84 Resp: 2769
Ion Ratio Lower Upper
84 100
49 142.1 113.9 170.9
51 52.3 33.5 50.3
86 53.6 53.8 80.8#

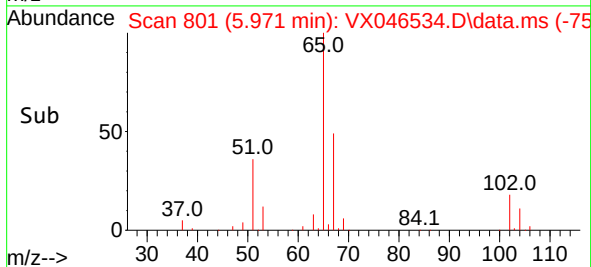
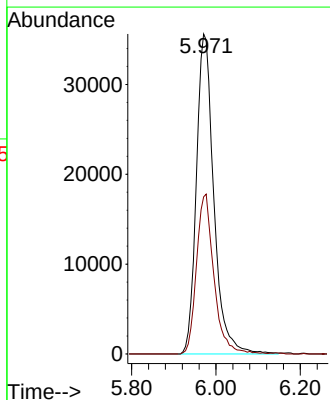
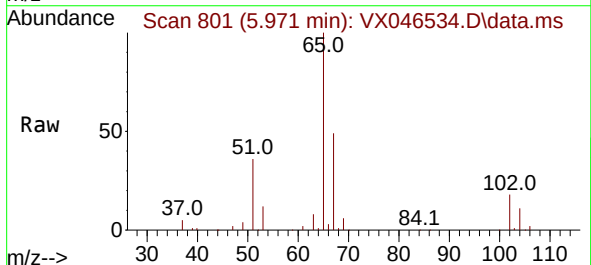
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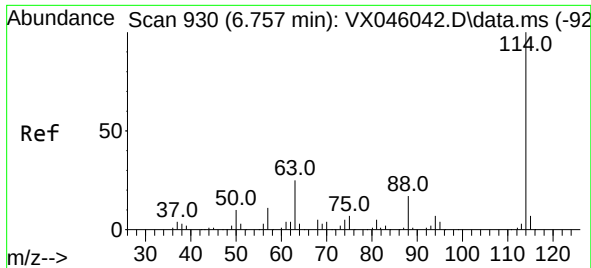
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#33
1,2-Dichloroethane-d4
Concen: 49.106 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.001 min
Lab File: VX046534.D
Acq: 06 Jun 2025 17:43

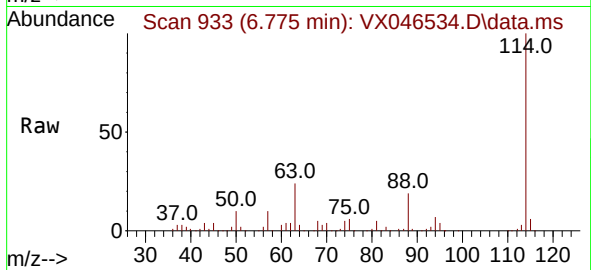
Tgt Ion: 65 Resp: 102588
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046534.D
Acq: 06 Jun 2025 17:43

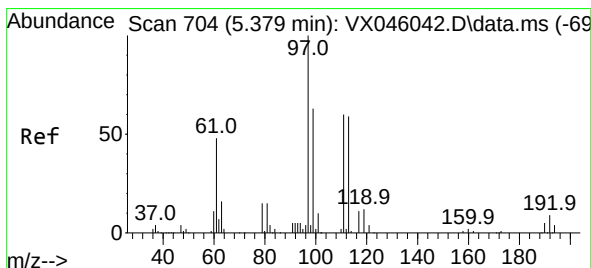
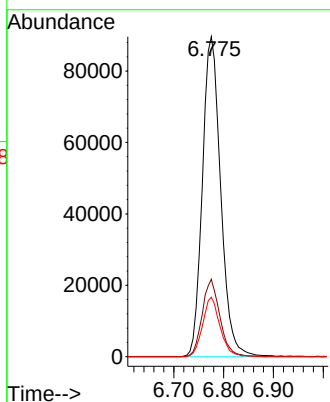
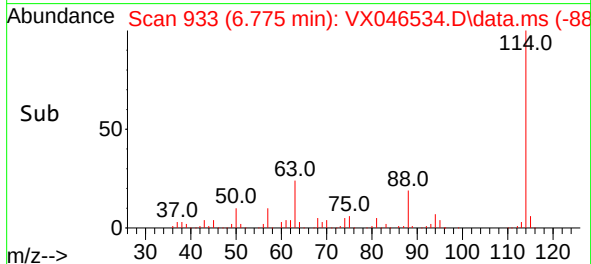
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-01



Tgt Ion:114 Resp: 22866
Ion Ratio Lower Upper
114 100
63 24.2 0.0 49.2
88 18.6 0.0 33.6

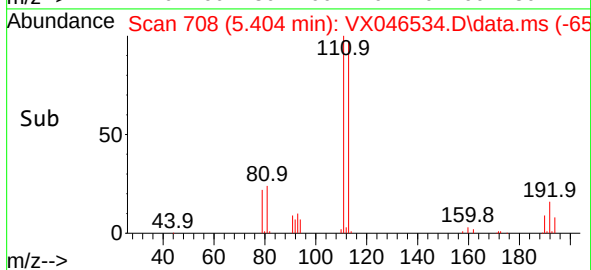
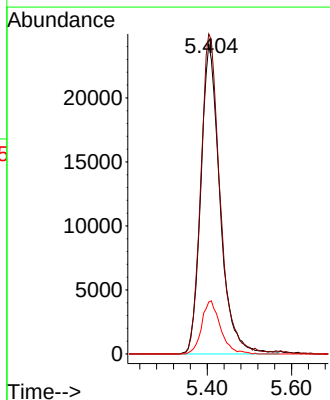
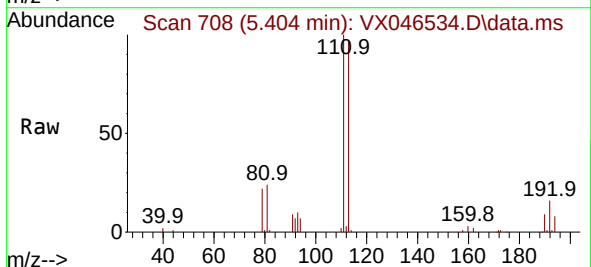
Manual Integrations
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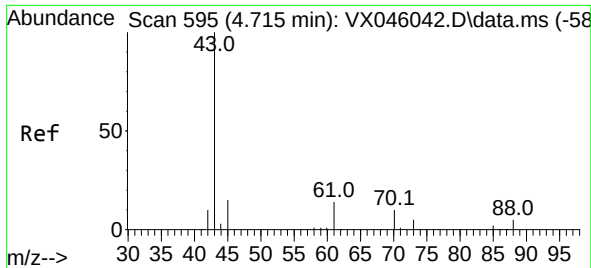
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#35
Dibromofluoromethane
Concen: 45.395 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.001 min
Lab File: VX046534.D
Acq: 06 Jun 2025 17:43

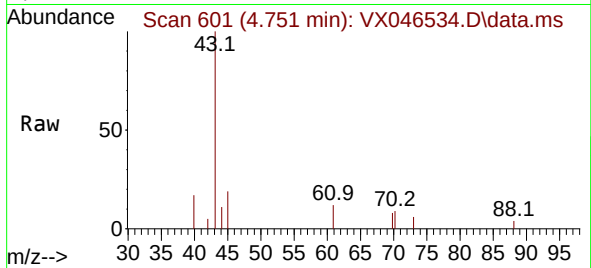
Tgt Ion:113 Resp: 76334
Ion Ratio Lower Upper
113 100
111 103.9 83.1 124.7
192 16.8 13.3 19.9





#37
Ethyl Acetate
Concen: 3.558 ug/l m
RT: 4.751 min Scan# 601
Delta R.T. 0.018 min
Lab File: VX046534.D
Acq: 06 Jun 2025 17:43

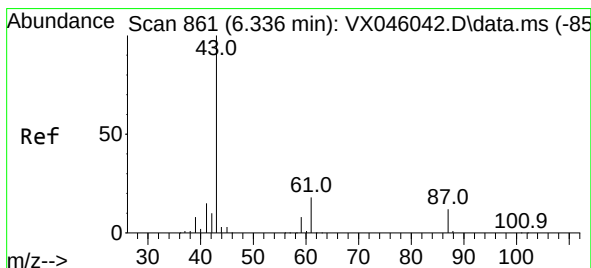
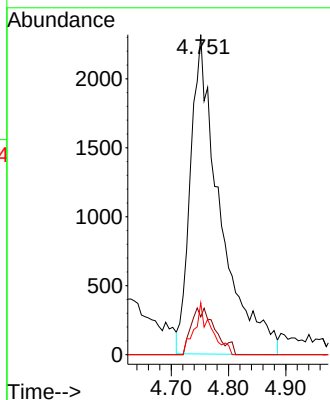
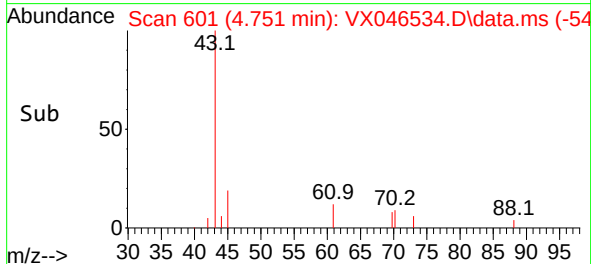
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-01



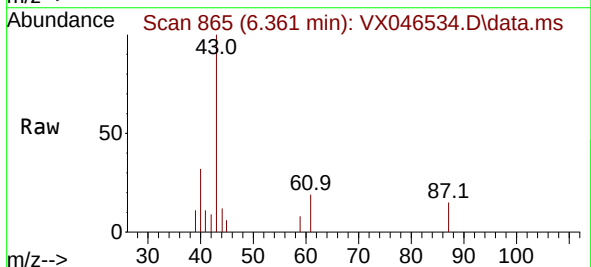
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
61 11.9 10.3 15.5
70 9.2 7.9 11.9

Manual Integrations
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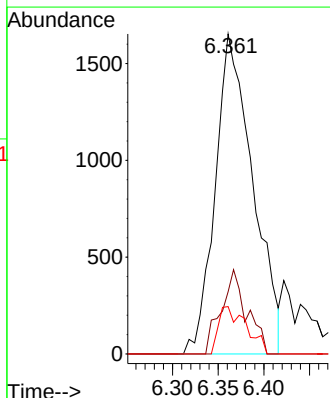
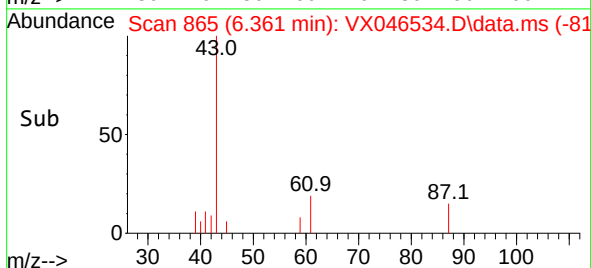
Reviewed By :John Carlone 06/09/2025
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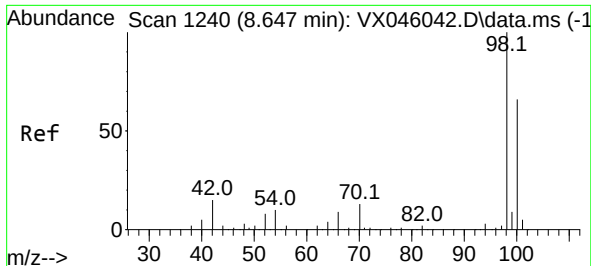


#43
Isopropyl Acetate
Concen: 1.158 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.007 min
Lab File: VX046534.D
Acq: 06 Jun 2025 17:43



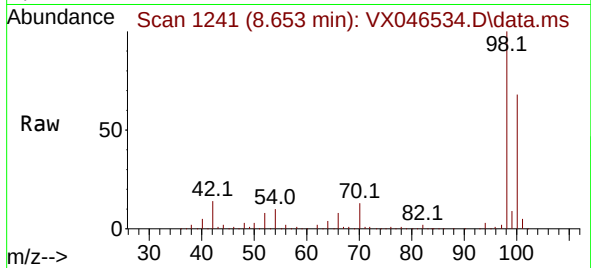
Tgt Ion: 43 Resp: 4734
Ion Ratio Lower Upper
43 100
61 18.1 14.3 21.5
87 10.9 9.5 14.3





#50
Toluene-d8
Concen: 52.513 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046534.D
Acq: 06 Jun 2025 17:43

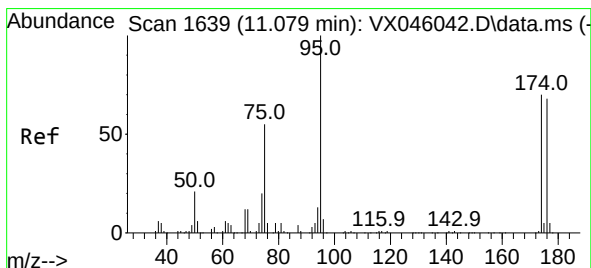
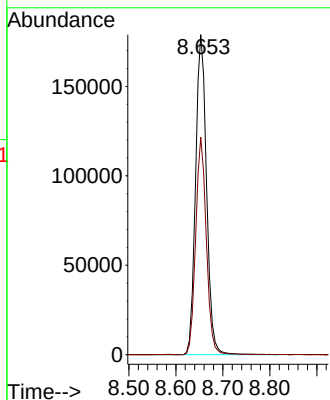
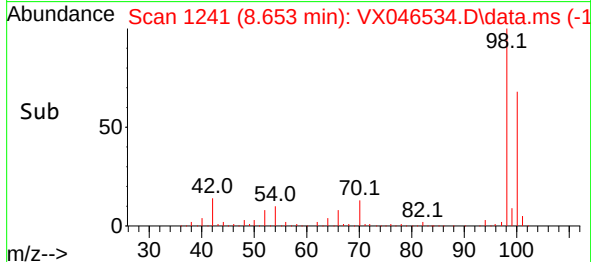
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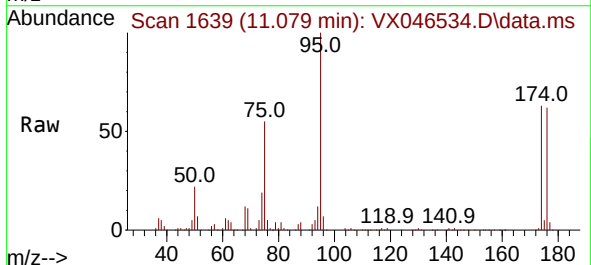
Tgt Ion: 98 Resp: 29112
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3

Manual Integrations
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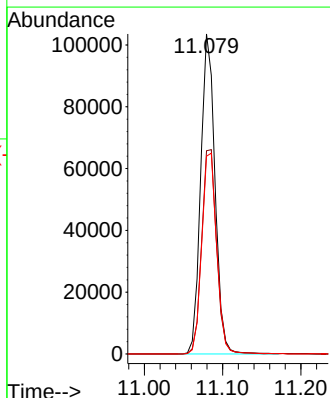
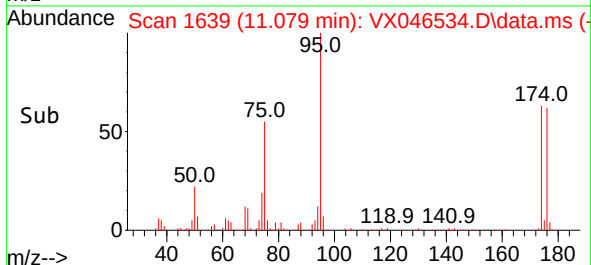
Reviewed By :John Carlone 06/09/2025
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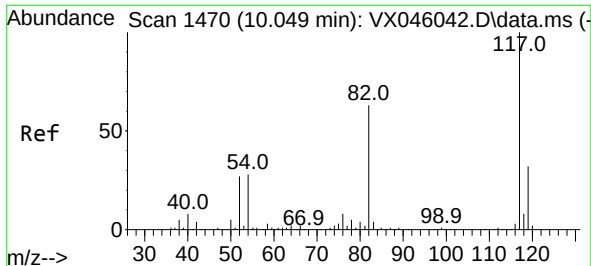


#62
4-Bromofluorobenzene
Concen: 57.336 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046534.D
Acq: 06 Jun 2025 17:43



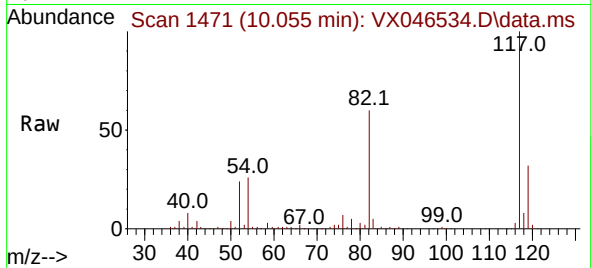
Tgt Ion: 95 Resp: 131515
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 65.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046534.D
Acq: 06 Jun 2025 17:43

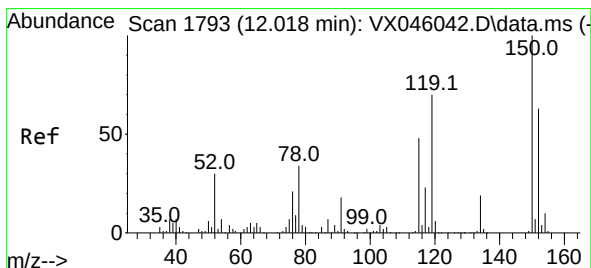
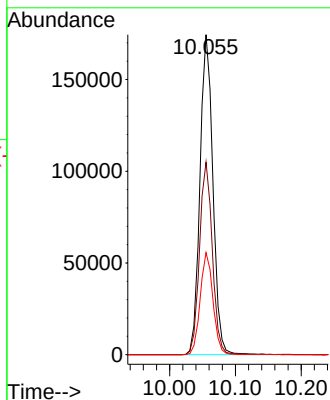
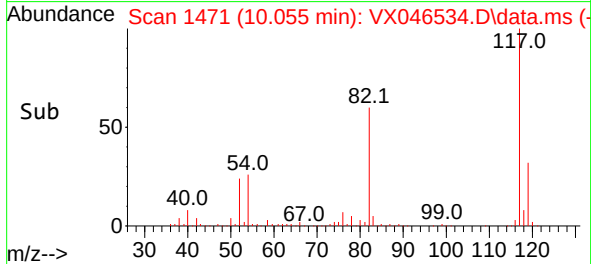
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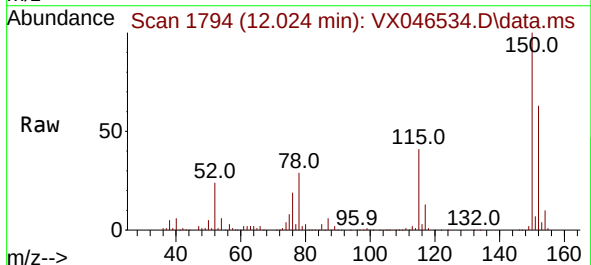
Tgt Ion:117 Resp: 237985
Ion Ratio Lower Upper
117 100
82 60.2 50.6 76.0
119 31.9 25.8 38.6

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: VX046534.D
Acq: 06 Jun 2025 17:43



Tgt Ion:152 Resp: 118800
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 158.5 0.0 351.0

