

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046536.D
 Acq On : 06 Jun 2025 18:28
 Operator : JC/MD
 Sample : Q2207-27
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-703-COMP-03

Quant Time: Jun 06 23:24:49 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	117776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	228949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	102998	49.155	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.320%		
35) Dibromofluoromethane	5.403	113	76532	45.455	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.920%		
50) Toluene-d8	8.653	98	290886	52.403	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.800%		
62) 4-Bromofluorobenzene	11.079	95	133738	58.232	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	116.460%		
Target Compounds						
						Qvalue
8) Diethyl Ether	2.154	74	30961	35.698	ug/l	90
16) Acetone	2.398	43	12490	19.495	ug/l	97
18) Methyl Acetate	2.727	43	13362	5.354	ug/l	99
20) Methylene Chloride	2.806	84	2664	1.585	ug/l	93
37) Ethyl Acetate	4.751	43	7332m	3.124	ug/l	
43) Isopropyl Acetate	6.367	43	5840	1.427	ug/l #	85

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

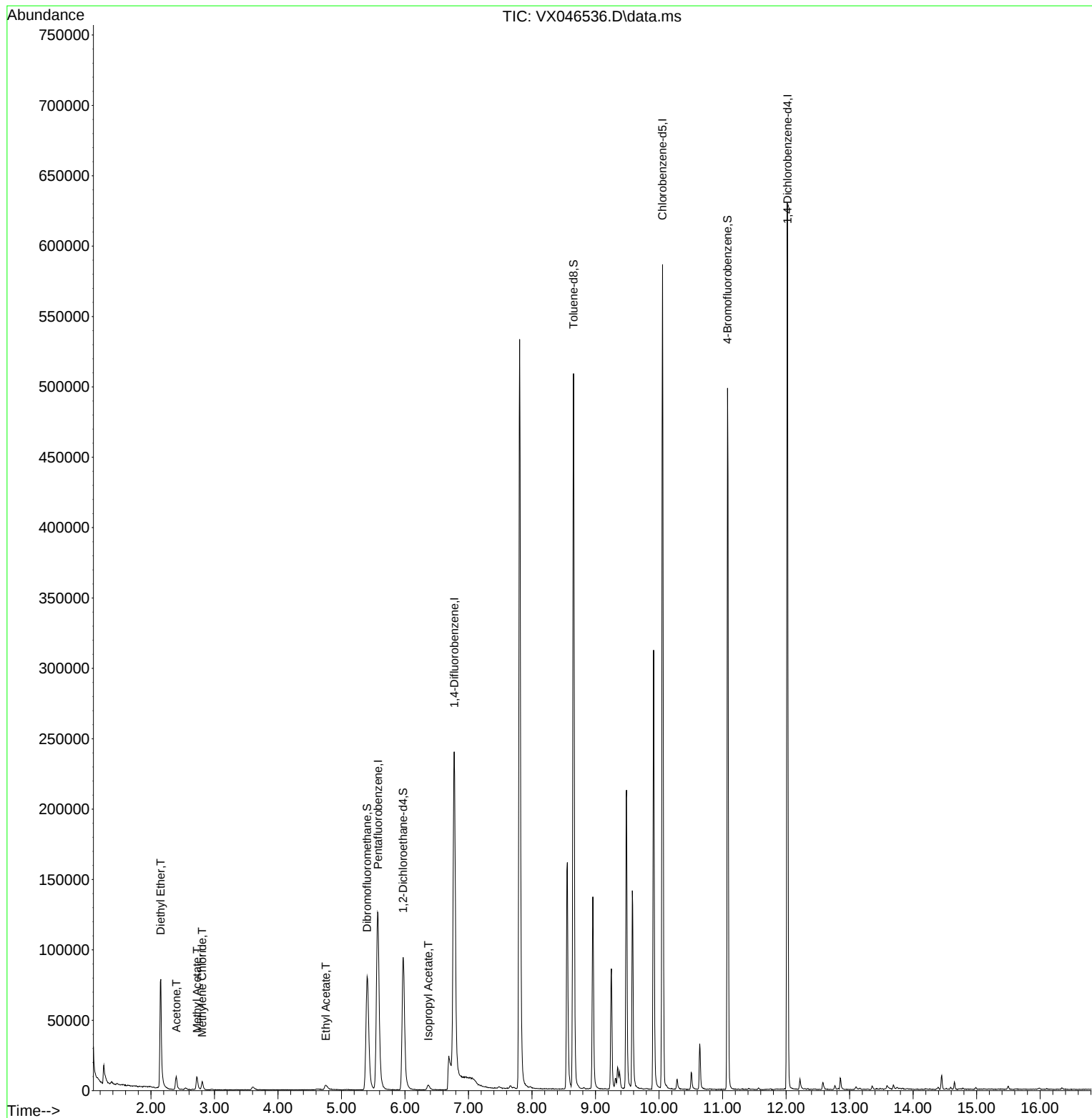
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046536.D
Acq On : 06 Jun 2025 18:28
Operator : JC/MD
Sample : Q2207-27
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

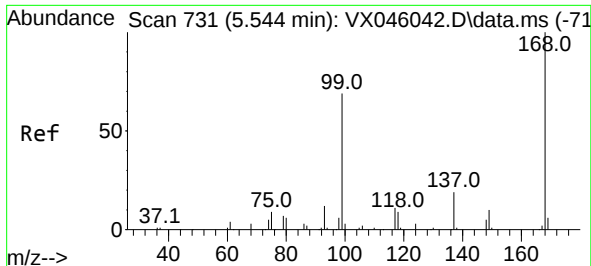
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-03

Quant Time: Jun 06 23:24:49 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

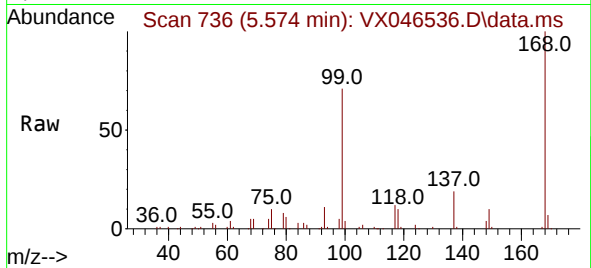
Reviewed By : John Carlone 06/09/2025
Supervised By : Mahesh Dadoda 06/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046536.D
Acq: 06 Jun 2025 18:28

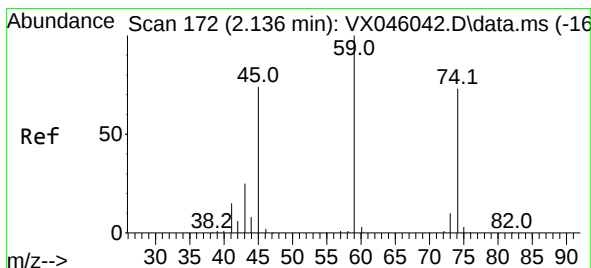
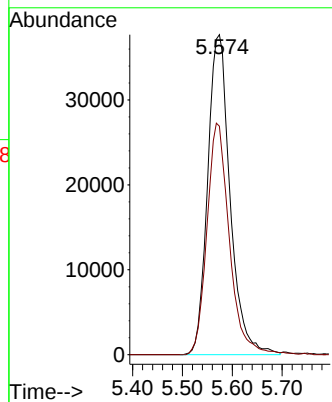
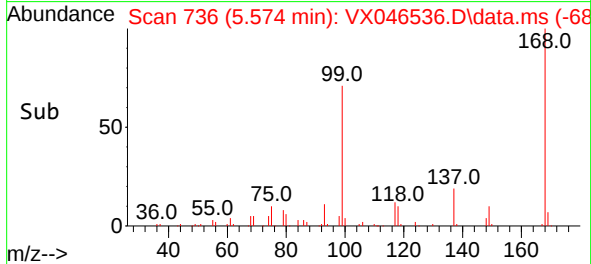
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-03



Tgt Ion:168 Resp: 117770
Ion Ratio Lower Upper
168 100
99 71.4 54.9 82.3

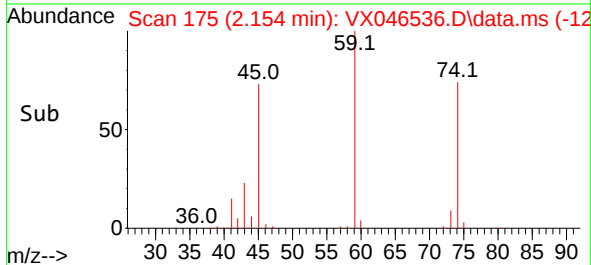
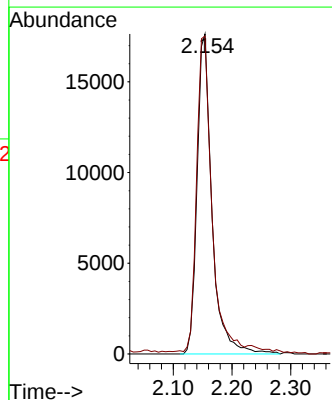
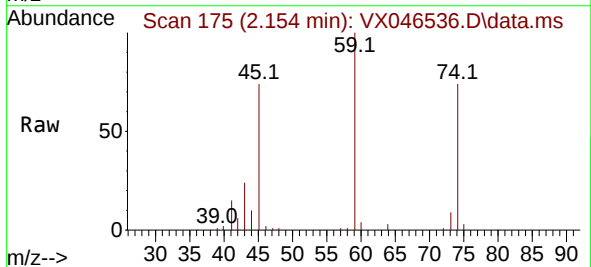
Manual Integrations
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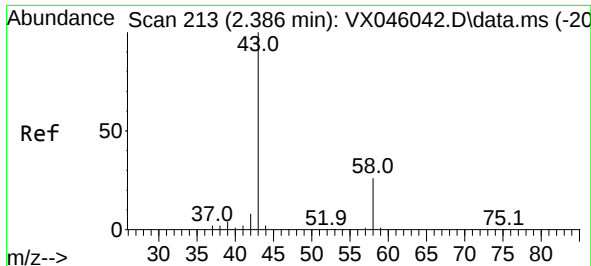
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 35.698 ug/l
RT: 2.154 min Scan# 175
Delta R.T. -0.000 min
Lab File: VX046536.D
Acq: 06 Jun 2025 18:28

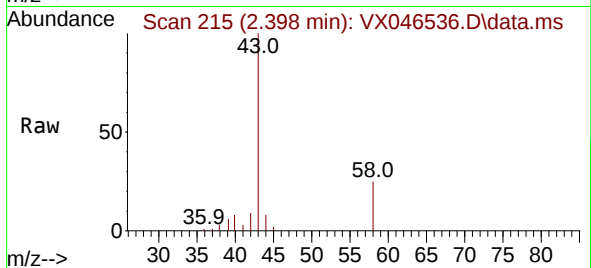
Tgt Ion: 74 Resp: 30961
Ion Ratio Lower Upper
74 100
45 99.3 54.9 164.8





#16
Acetone
Concen: 19.495 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046536.D
Acq: 06 Jun 2025 18:28

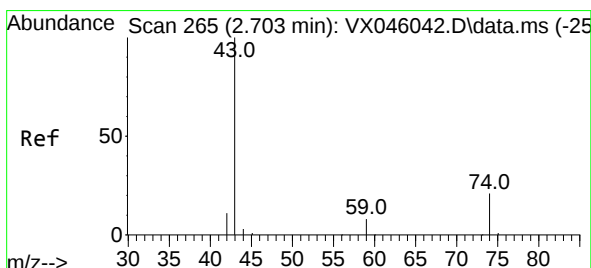
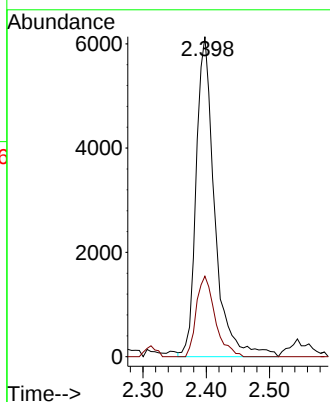
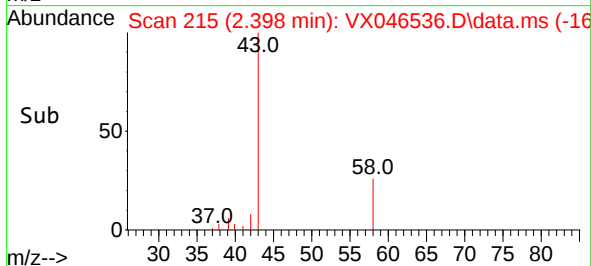
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-03



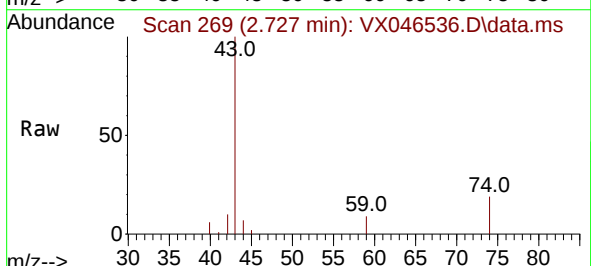
Tgt Ion: 43 Resp: 12490
Ion Ratio Lower Upper
43 100
58 25.1 21.2 31.8

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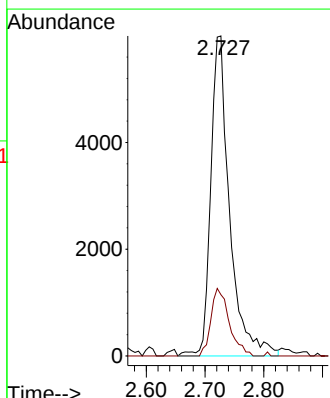
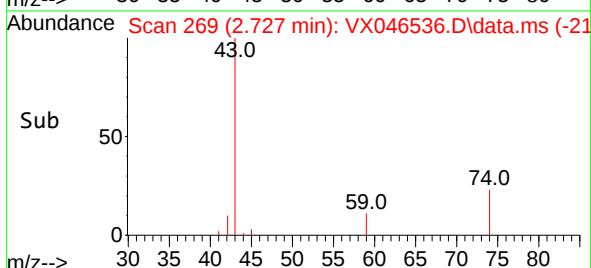
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#18
Methyl Acetate
Concen: 5.354 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.006 min
Lab File: VX046536.D
Acq: 06 Jun 2025 18:28



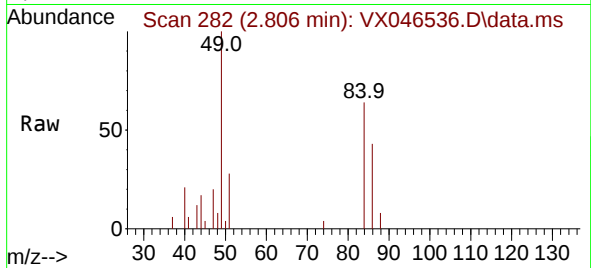
Tgt Ion: 43 Resp: 13362
Ion Ratio Lower Upper
43 100
74 20.5 16.7 25.1





#20
Methylene Chloride
Concen: 1.585 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046536.D
Acq: 06 Jun 2025 18:28

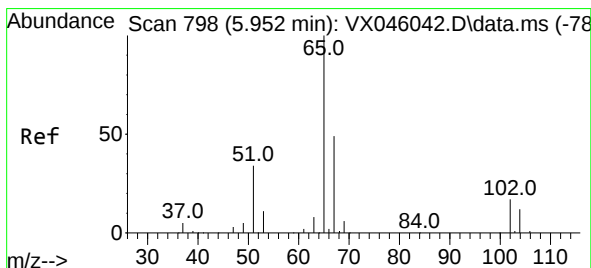
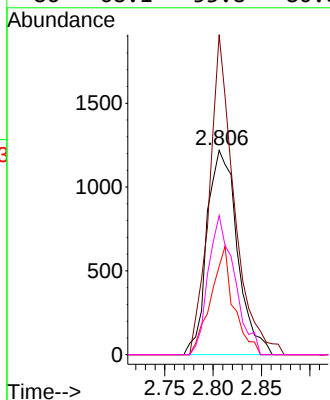
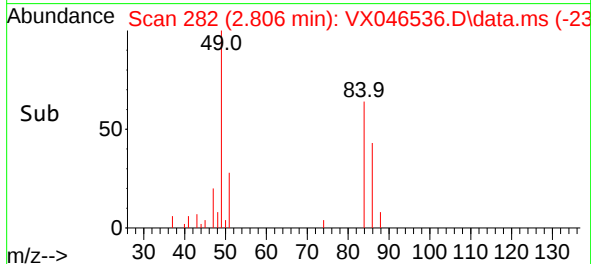
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-03



Tgt Ion: 84 Resp: 2664
Ion Ratio Lower Upper
84 100
49 156.6 113.9 170.9
51 43.2 33.5 50.3
86 68.1 53.8 80.8

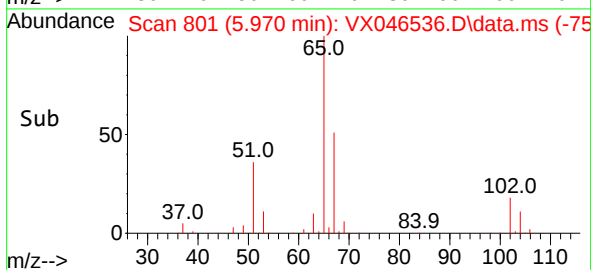
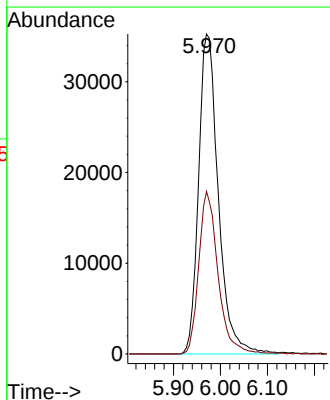
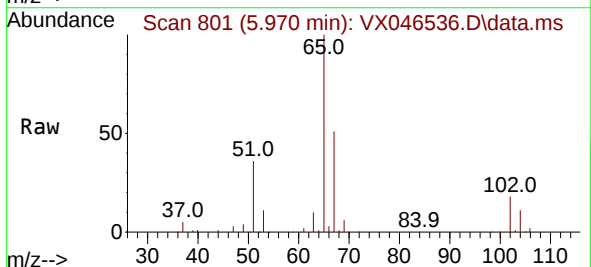
Manual Integrations
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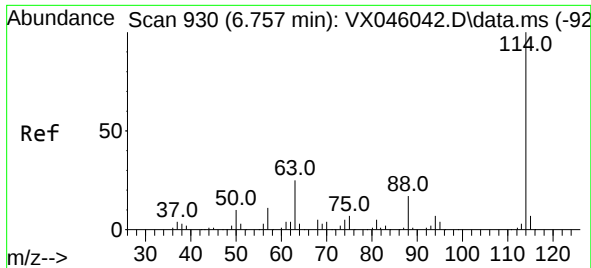
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#33
1,2-Dichloroethane-d4
Concen: 49.155 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046536.D
Acq: 06 Jun 2025 18:28

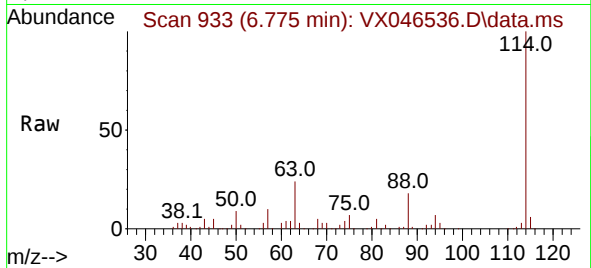
Tgt Ion: 65 Resp: 102998
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046536.D
Acq: 06 Jun 2025 18:28

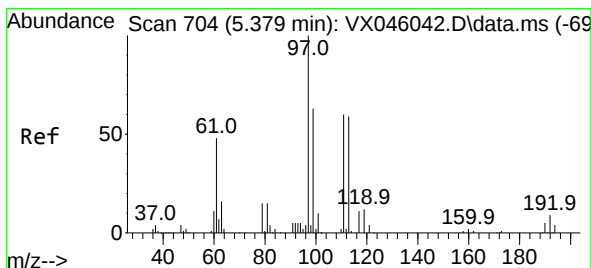
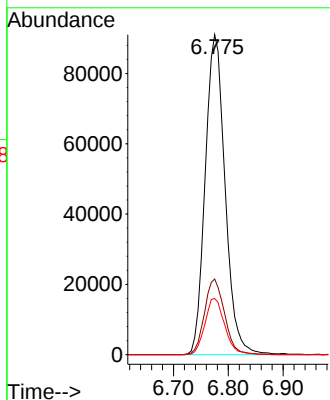
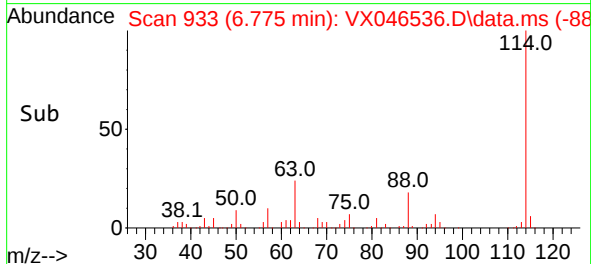
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-03



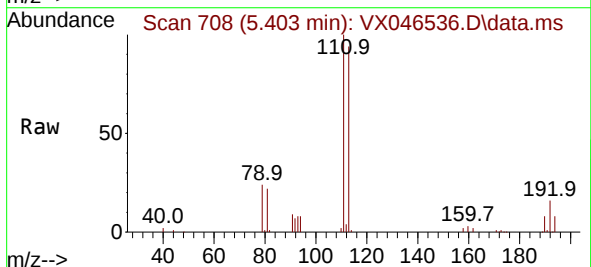
Tgt Ion:114 Resp: 228949
Ion Ratio Lower Upper
114 100
63 23.6 0.0 49.2
88 17.5 0.0 33.6

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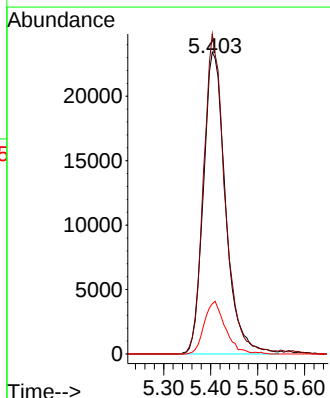
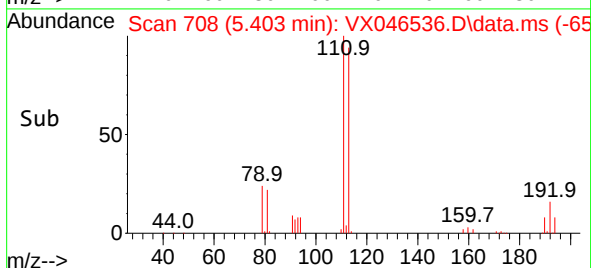
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

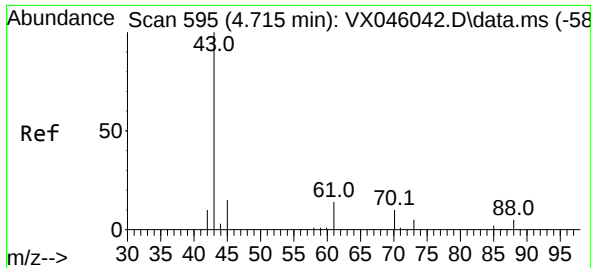


#35
Dibromofluoromethane
Concen: 45.455 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046536.D
Acq: 06 Jun 2025 18:28



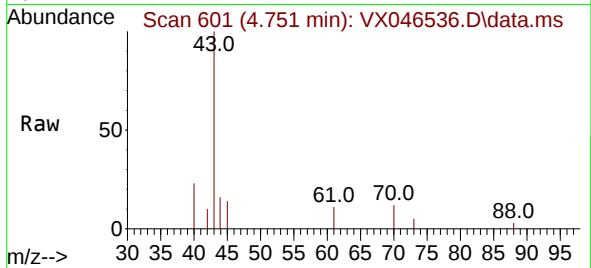
Tgt Ion:113 Resp: 76532
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 16.5 13.3 19.9





#37
Ethyl Acetate
Concen: 3.124 ug/l m
RT: 4.751 min Scan# 601
Delta R.T. 0.018 min
Lab File: VX046536.D
Acq: 06 Jun 2025 18:28

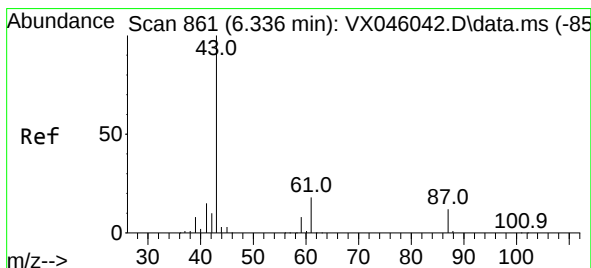
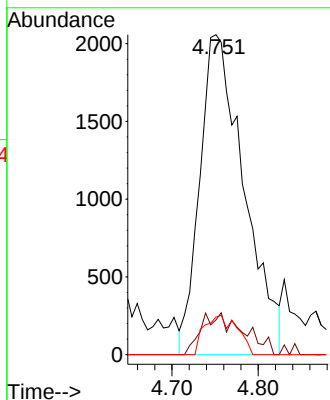
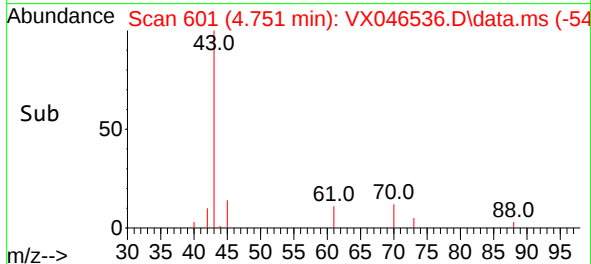
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-03



Tgt Ion: 43 Resp: 7332
Ion Ratio Lower Upper
43 100
61 4.9 10.3 15.5
70 9.1 7.9 11.9

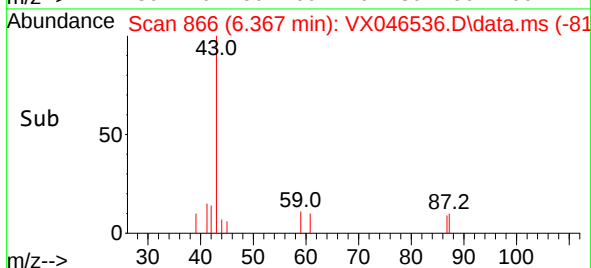
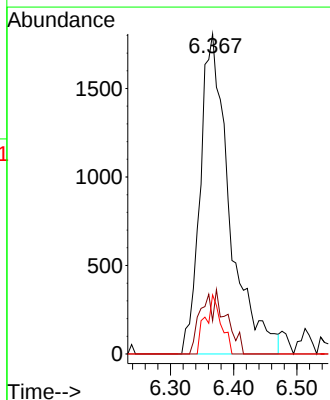
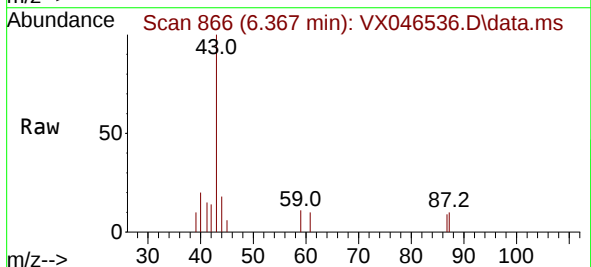
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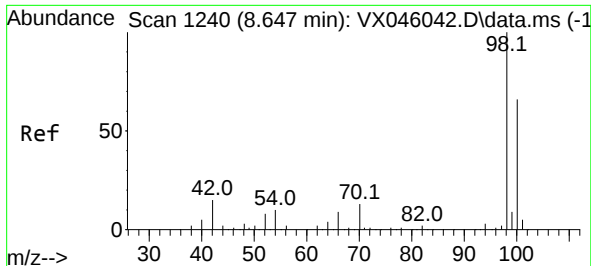
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#43
Isopropyl Acetate
Concen: 1.427 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.013 min
Lab File: VX046536.D
Acq: 06 Jun 2025 18:28

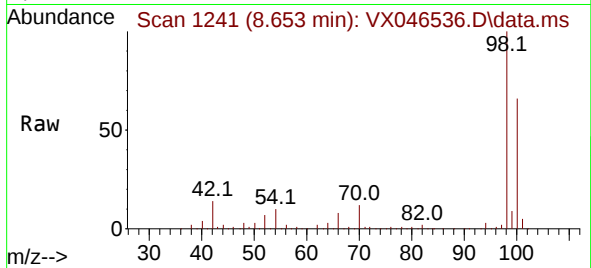
Tgt Ion: 43 Resp: 5840
Ion Ratio Lower Upper
43 100
61 8.3 14.3 21.5
87 10.0 9.5 14.3





#50
Toluene-d8
Concen: 52.403 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046536.D
Acq: 06 Jun 2025 18:28

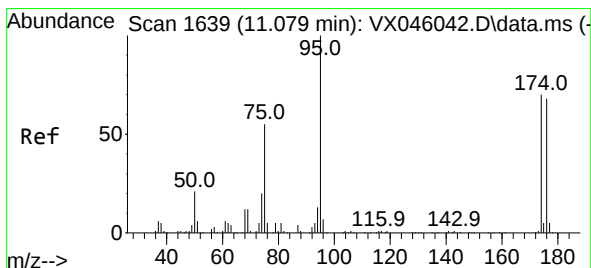
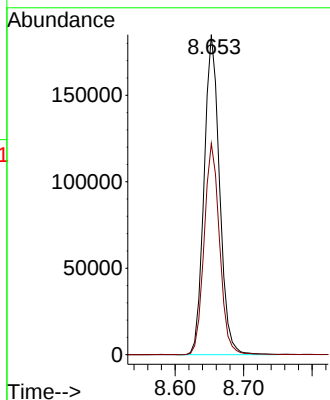
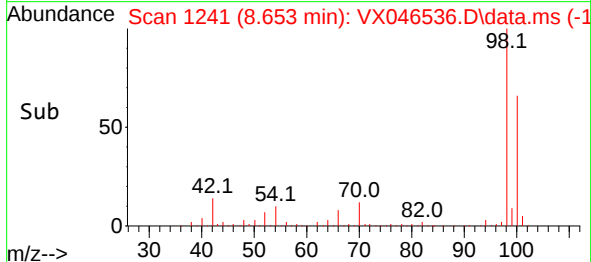
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-03



Tgt Ion: 98 Resp: 290880
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3

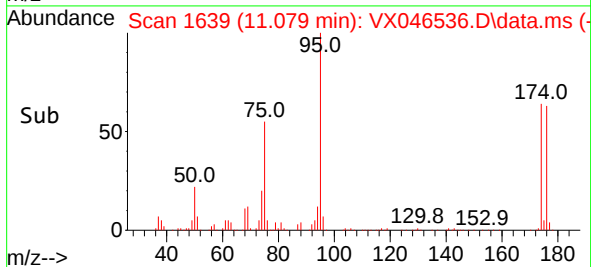
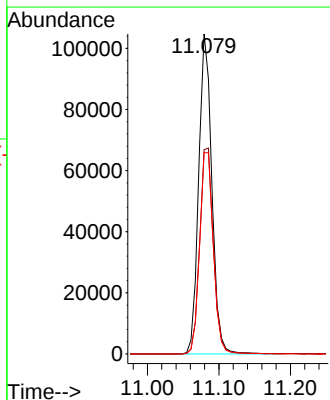
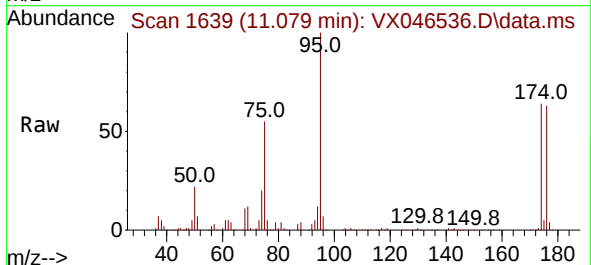
Manual Integrations
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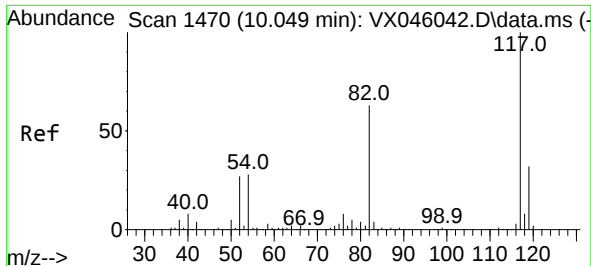
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#62
4-Bromofluorobenzene
Concen: 58.232 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046536.D
Acq: 06 Jun 2025 18:28

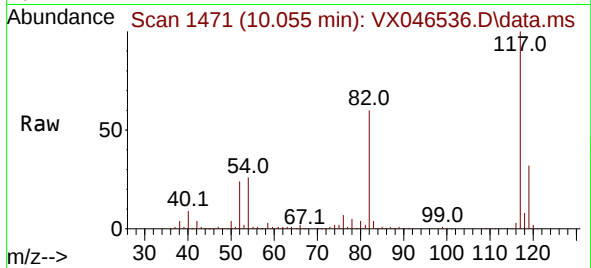
Tgt Ion: 95 Resp: 133738
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 65.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046536.D
Acq: 06 Jun 2025 18:28

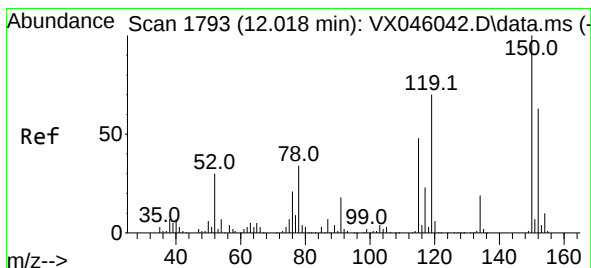
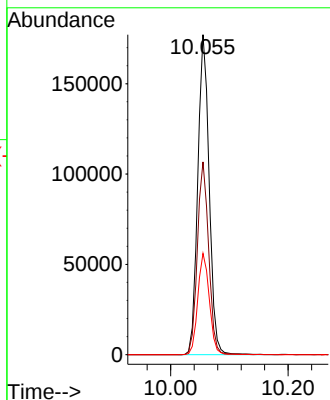
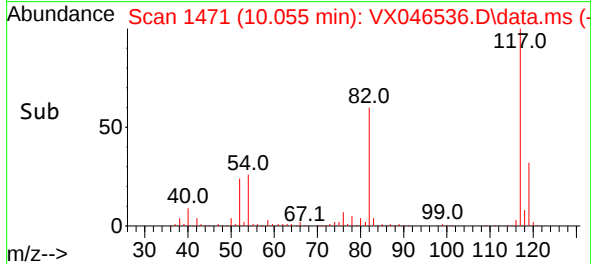
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-03



Tgt Ion:117 Resp: 238298
Ion Ratio Lower Upper
117 100
82 60.2 50.6 76.0
119 31.7 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: VX046536.D
Acq: 06 Jun 2025 18:28

Tgt Ion:152 Resp: 120960
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 156.4 0.0 351.0

