

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046535.D
 Acq On : 06 Jun 2025 18:06
 Operator : JC/MD
 Sample : Q2207-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-703-COMP-02

Quant Time: Jun 06 23:24:21 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	110456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	210948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	90635	46.122	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.240%		
35) Dibromofluoromethane	5.403	113	68412	44.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.200%		
50) Toluene-d8	8.653	98	267862	52.373	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.740%		
62) 4-Bromofluorobenzene	11.079	95	118522	56.010	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	112.020%		
Target Compounds						Qvalue
8) Diethyl Ether	2.154	74	31793	39.086	ug/l	95
16) Acetone	2.398	43	11886	19.714	ug/l	97
18) Methyl Acetate	2.721	43	13268	5.668	ug/l	99
20) Methylene Chloride	2.812	84	2667	1.692	ug/l	91
37) Ethyl Acetate	4.745	43	7584m	3.507	ug/l	
43) Isopropyl Acetate	6.367	43	5564	1.476	ug/l #	86

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

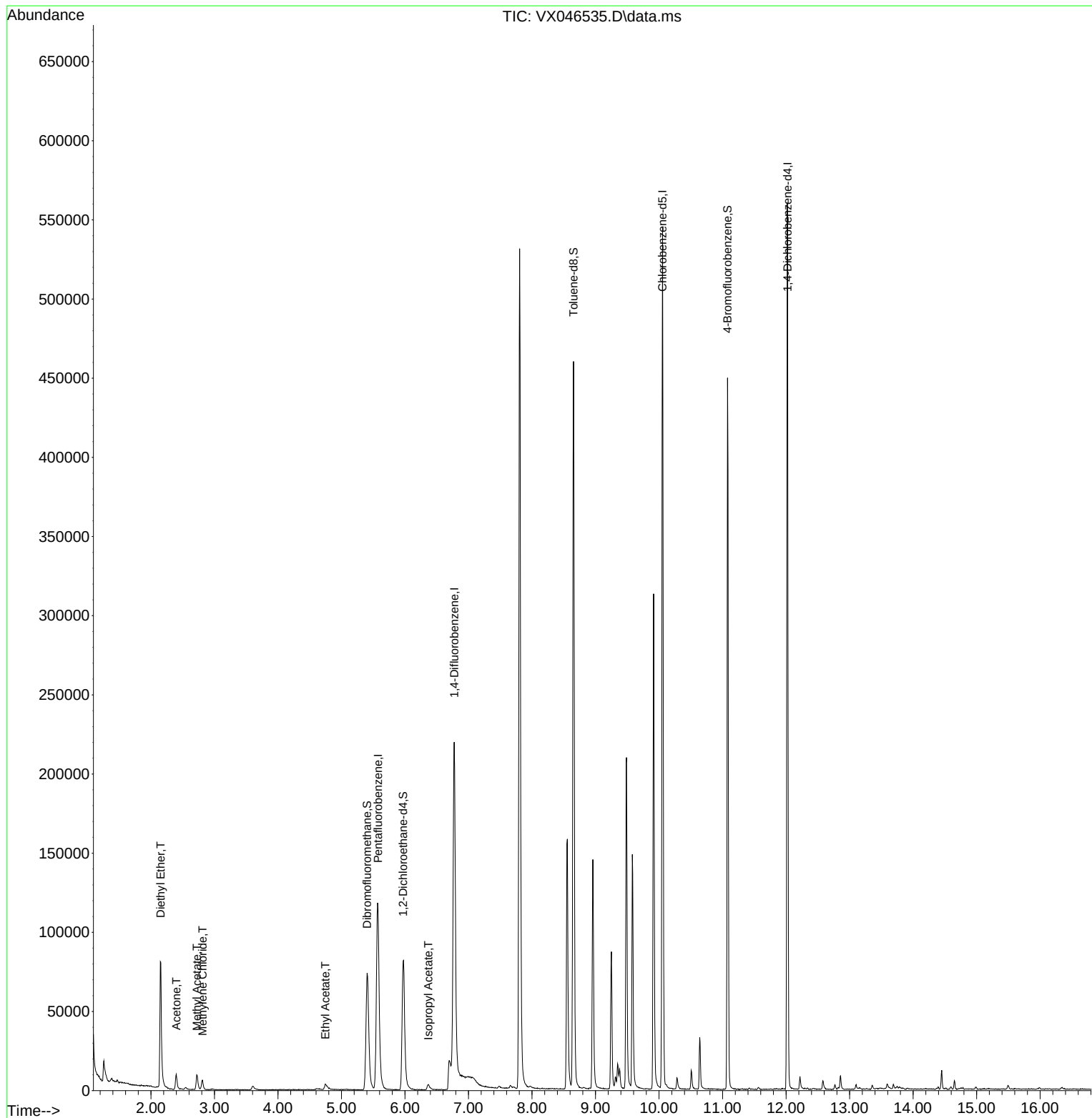
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046535.D
Acq On : 06 Jun 2025 18:06
Operator : JC/MD
Sample : Q2207-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

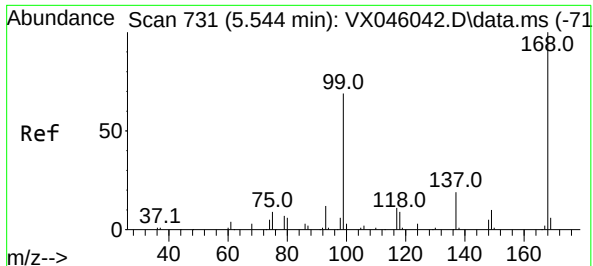
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-02

Quant Time: Jun 06 23:24:21 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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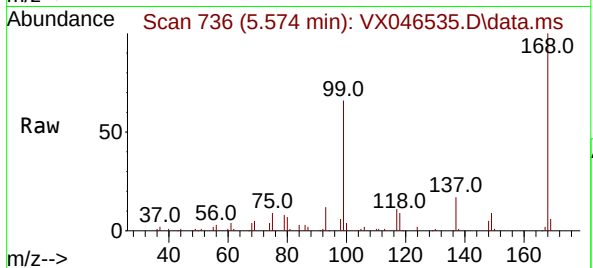
Reviewed By : John Carlone 06/09/2025
Supervised By : Mahesh Dadoda 06/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046535.D
Acq: 06 Jun 2025 18:06

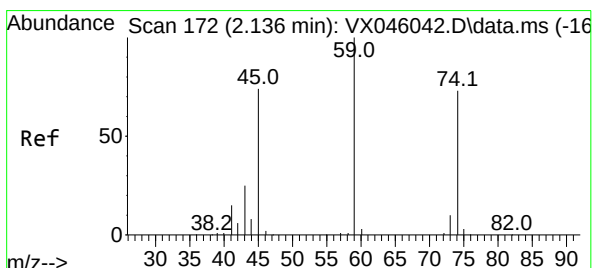
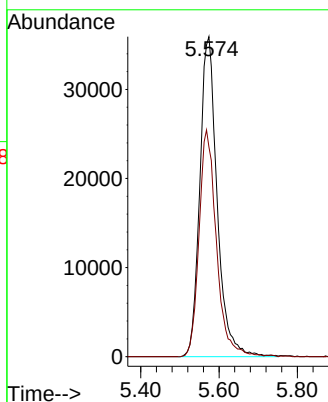
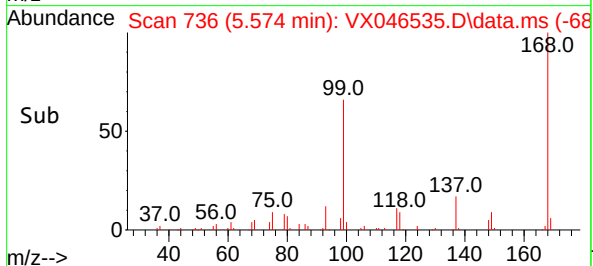
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-02



Tgt Ion:168 Resp: 110450
Ion Ratio Lower Upper
168 100
99 65.5 54.9 82.3

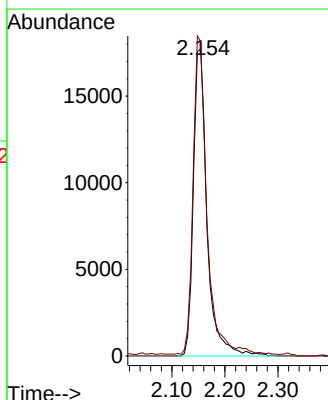
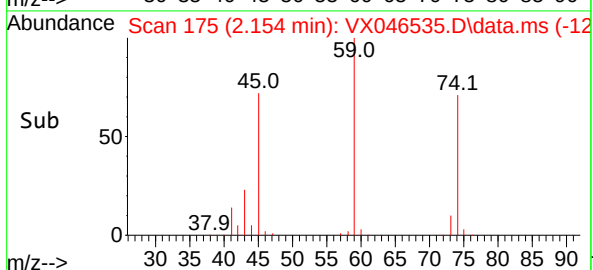
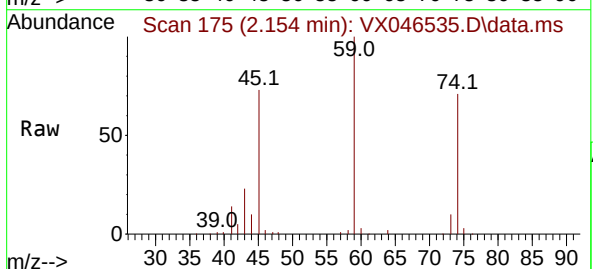
Manual Integrations
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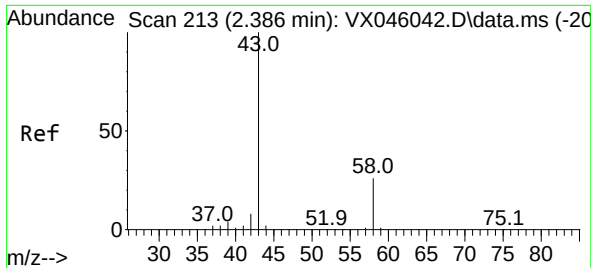
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 39.086 ug/l
RT: 2.154 min Scan# 175
Delta R.T. -0.000 min
Lab File: VX046535.D
Acq: 06 Jun 2025 18:06

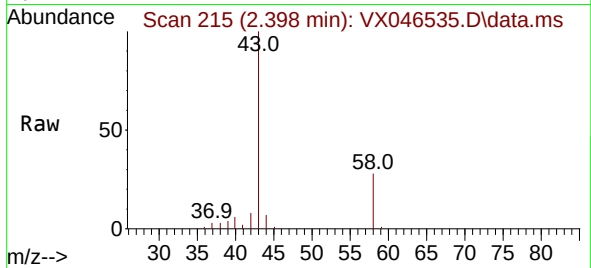
Tgt Ion: 74 Resp: 31793
Ion Ratio Lower Upper
74 100
45 104.7 54.9 164.8





#16
Acetone
Concen: 19.714 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046535.D
Acq: 06 Jun 2025 18:06

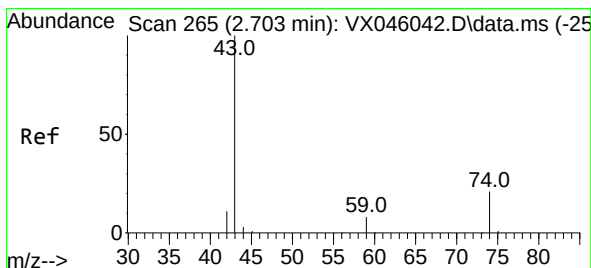
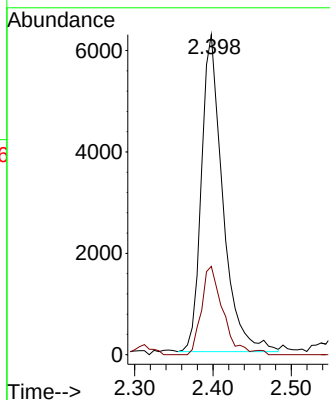
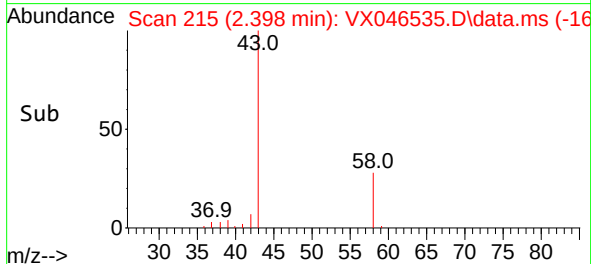
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-02



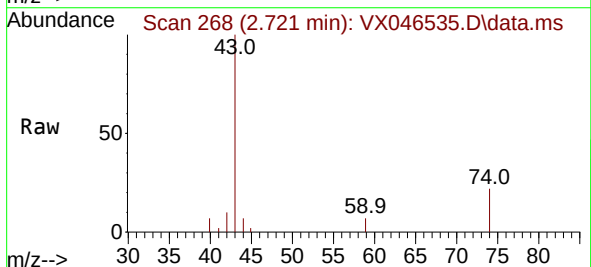
Tgt Ion: 43 Resp: 11880
Ion Ratio Lower Upper
43 100
58 27.9 21.2 31.8

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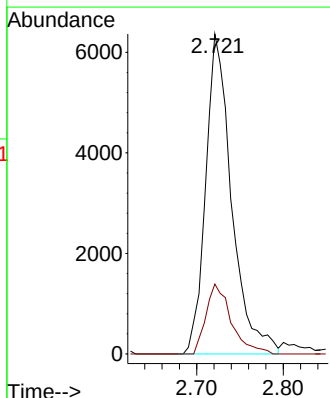
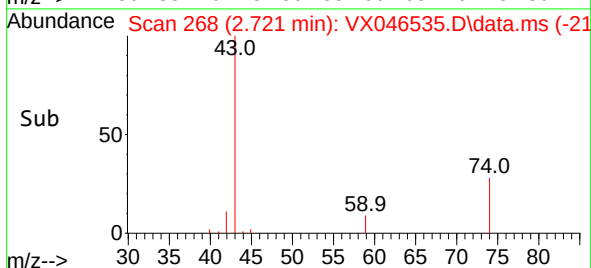
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

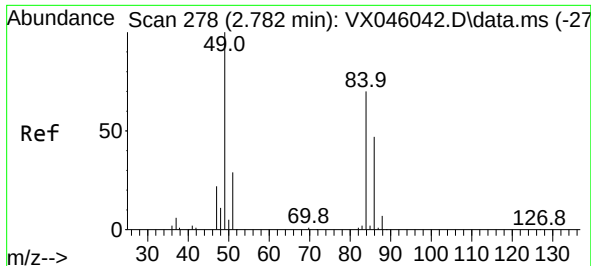


#18
Methyl Acetate
Concen: 5.668 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046535.D
Acq: 06 Jun 2025 18:06



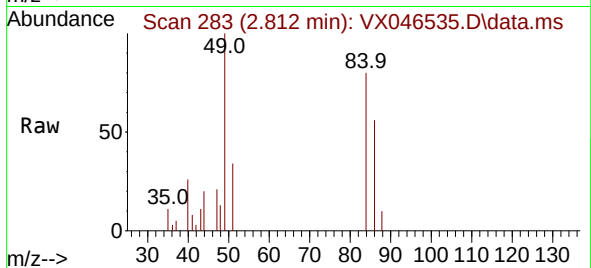
Tgt Ion: 43 Resp: 13268
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1





#20
Methylene Chloride
Concen: 1.692 ug/l
RT: 2.812 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046535.D
Acq: 06 Jun 2025 18:06

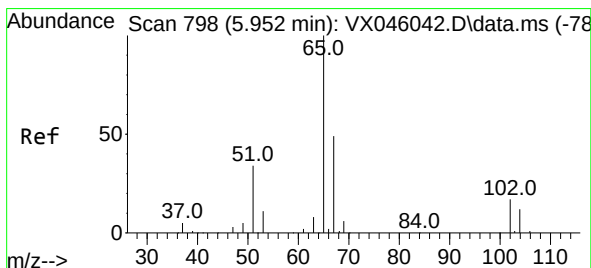
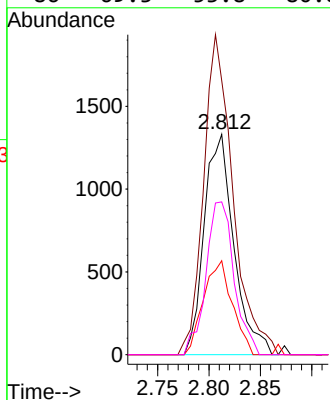
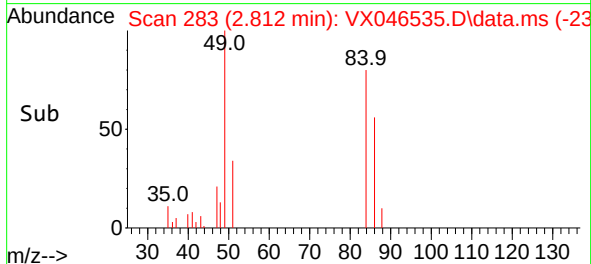
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-02



Tgt Ion: 84 Resp: 266
Ion Ratio Lower Upper
84 100
49 124.4 113.9 170.9
51 42.6 33.5 50.3
86 69.3 53.8 80.8

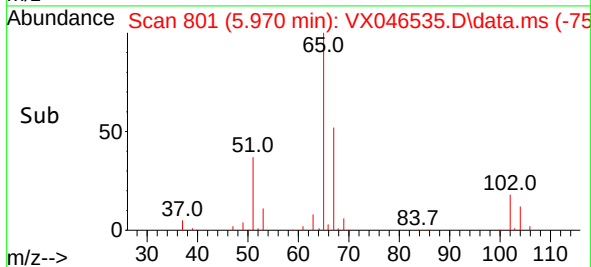
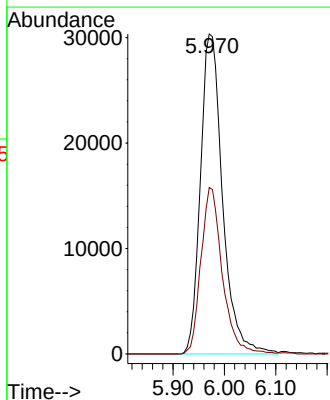
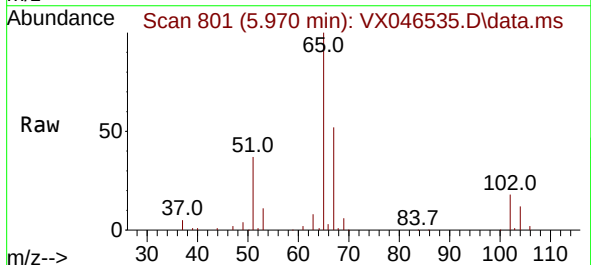
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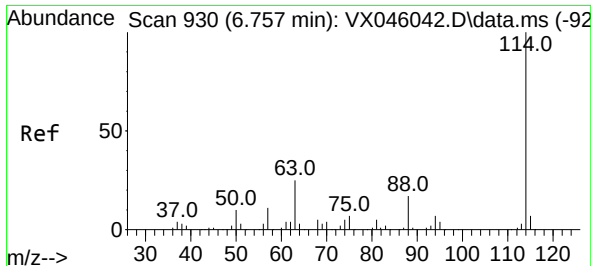
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#33
1,2-Dichloroethane-d4
Concen: 46.122 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046535.D
Acq: 06 Jun 2025 18:06

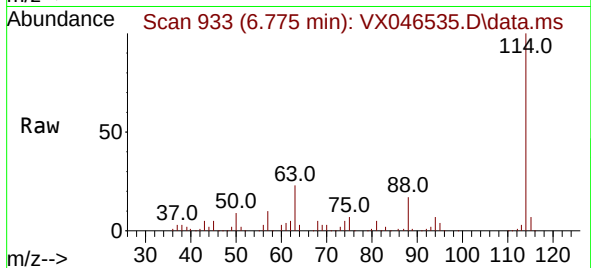
Tgt Ion: 65 Resp: 90635
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046535.D
Acq: 06 Jun 2025 18:06

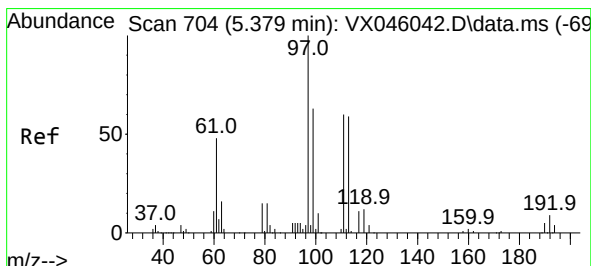
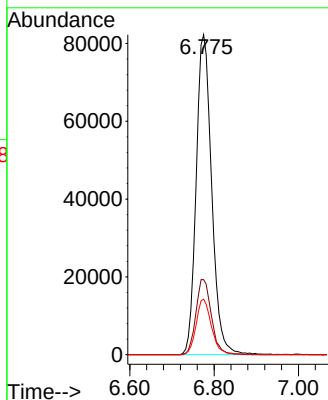
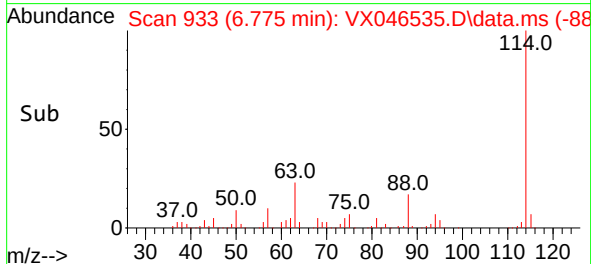
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-02



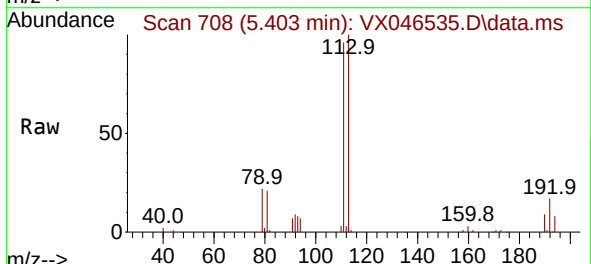
Tgt Ion:114 Resp: 210948
Ion Ratio Lower Upper
114 100
63 23.4 0.0 49.2
88 17.3 0.0 33.6

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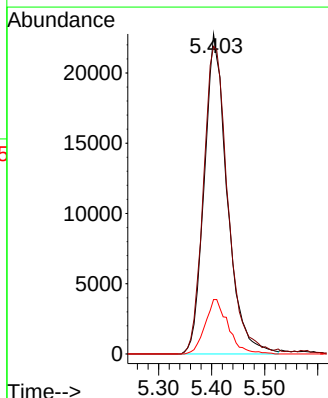
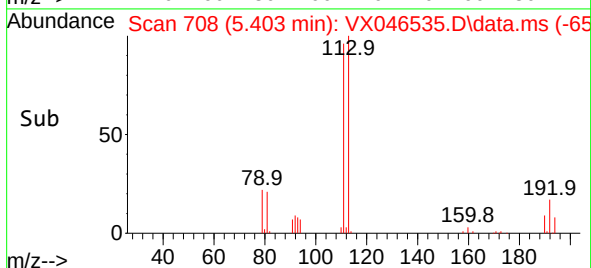
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

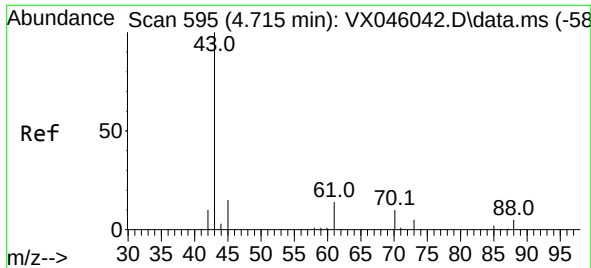


#35
Dibromofluoromethane
Concen: 44.100 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046535.D
Acq: 06 Jun 2025 18:06



Tgt Ion:113 Resp: 68412
Ion Ratio Lower Upper
113 100
111 103.1 83.1 124.7
192 17.2 13.3 19.9





#37

Ethyl Acetate

Concen: 3.507 ug/l m

RT: 4.745 min Scan# 600

Delta R.T. 0.012 min

Lab File: VX046535.D

Acq: 06 Jun 2025 18:06

Instrument :

MSVOA_X

ClientSampleId :

BU-703-COMP-02

Tgt Ion: 43 Resp: 7584

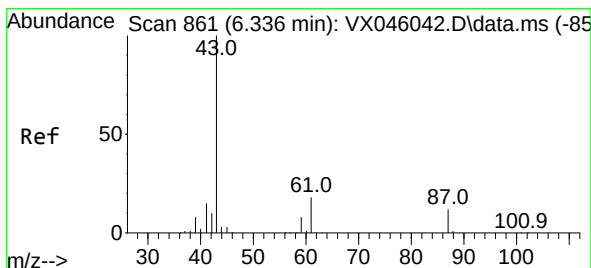
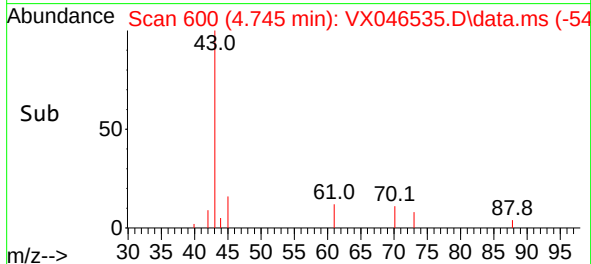
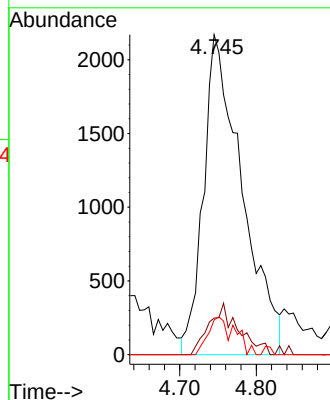
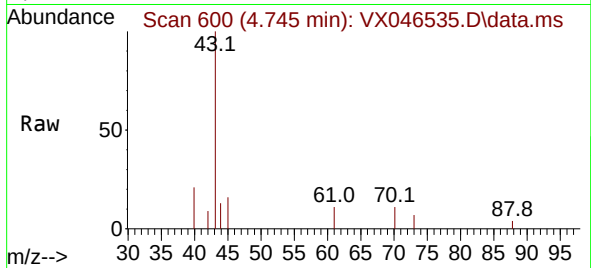
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.3	15.5
70	5.4	7.9	11.9

Manual Integrations

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Supervised By :Mahesh Dadoda 06/09/2025



#43

Isopropyl Acetate

Concen: 1.476 ug/l

RT: 6.367 min Scan# 866

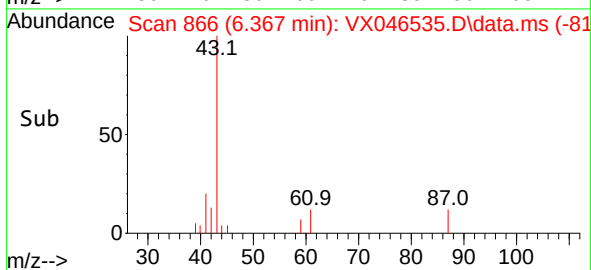
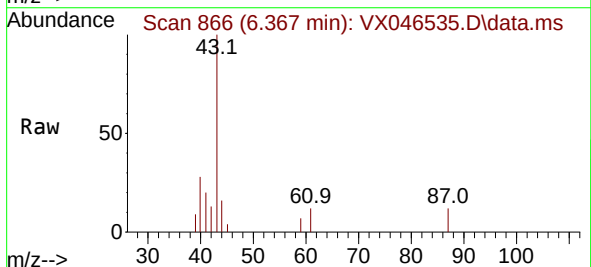
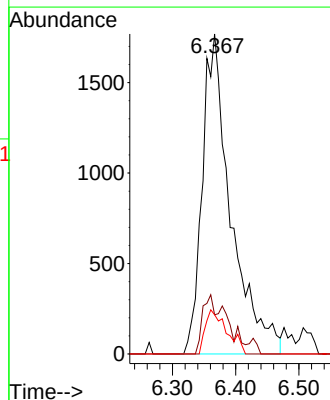
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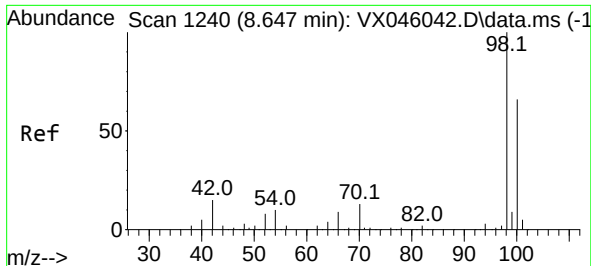
Lab File: VX046535.D

Acq: 06 Jun 2025 18:06

Tgt Ion: 43 Resp: 5564

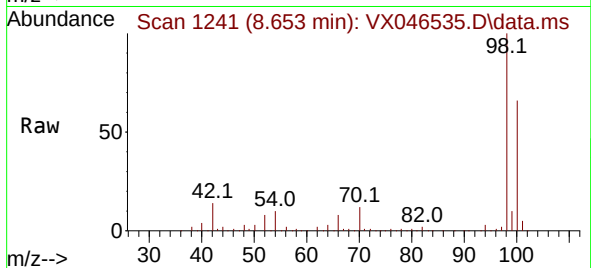
Ion	Ratio	Lower	Upper
43	100		
61	9.1	14.3	21.5
87	10.3	9.5	14.3





#50
Toluene-d8
Concen: 52.373 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046535.D
Acq: 06 Jun 2025 18:06

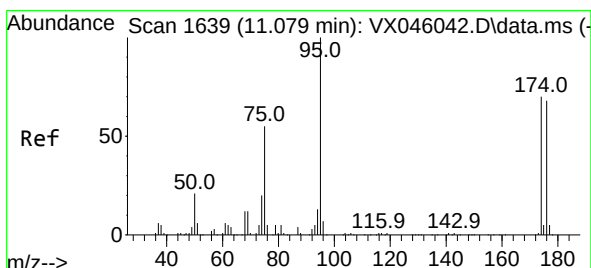
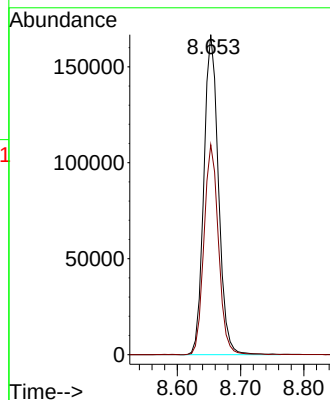
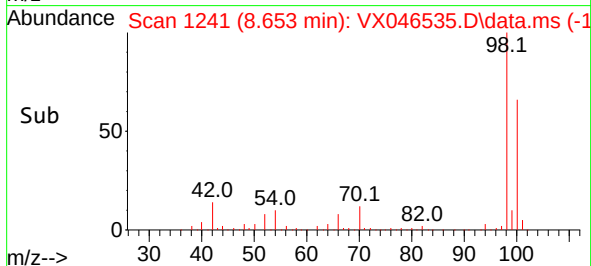
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-02



Tgt Ion: 98 Resp: 267862
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3

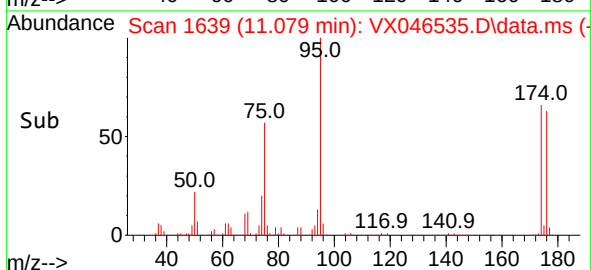
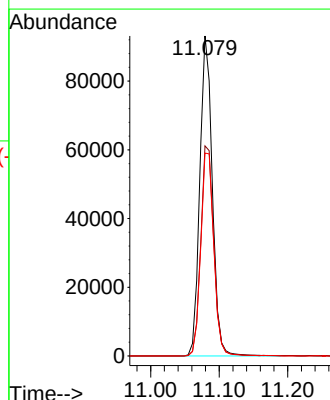
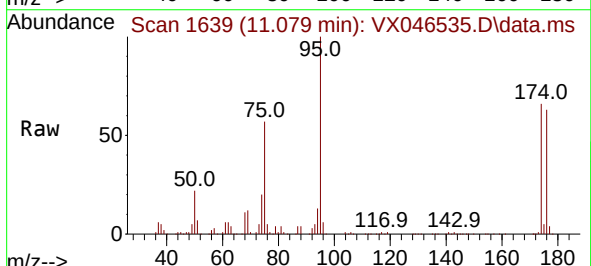
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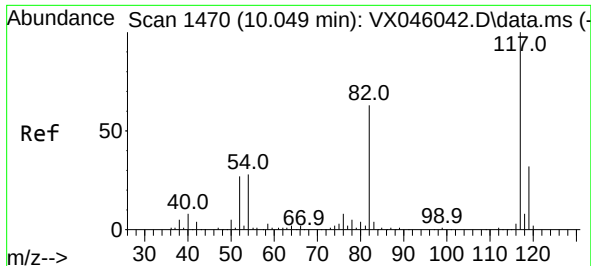
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#62
4-Bromofluorobenzene
Concen: 56.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046535.D
Acq: 06 Jun 2025 18:06

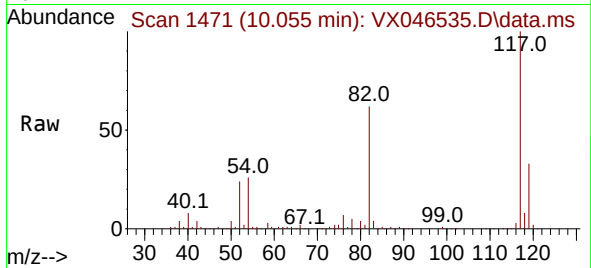
Tgt Ion: 95 Resp: 118522
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 66.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046535.D
Acq: 06 Jun 2025 18:06

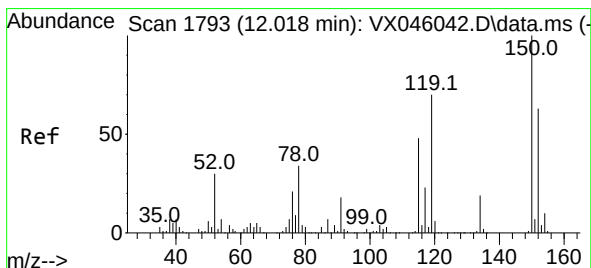
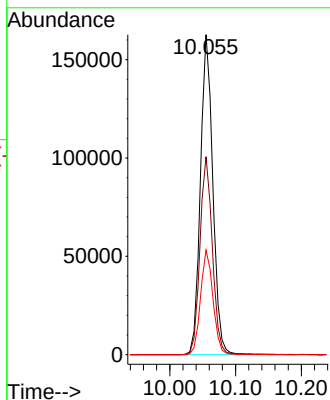
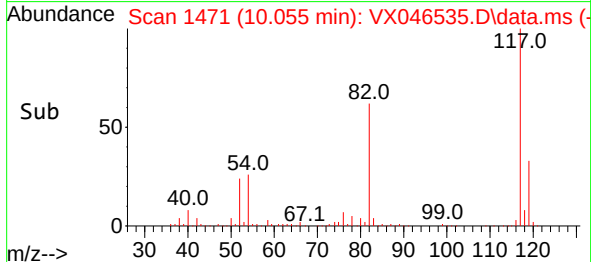
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-02



Tgt Ion:117 Resp: 213510
Ion Ratio Lower Upper
117 100
82 61.9 50.6 76.0
119 32.7 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: VX046535.D
Acq: 06 Jun 2025 18:06

Tgt Ion:152 Resp: 108457
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 159.0 0.0 351.0

