

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046562.D
 Acq On : 07 Jun 2025 07:01
 Operator : JC/MD
 Sample : Q2241-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-N

Quant Time: Jun 07 07:21:26 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	117205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	125809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100601	48.245	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.500%
35) Dibromofluoromethane	5.404	113	76262	45.103	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.200%
50) Toluene-d8	8.653	98	290767	52.161	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.320%
62) 4-Bromofluorobenzene	11.079	95	134690	58.399	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	116.800%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.148	74	27513	31.877	ug/l	95
16) Acetone	2.392	43	21769	30.691	ug/l	99
18) Methyl Acetate	2.721	43	11075	4.459	ug/l	100
20) Methylene Chloride	2.800	84	2677	1.600	ug/l #	84
37) Ethyl Acetate	4.751	43	6613m	2.805	ug/l	
43) Isopropyl Acetate	6.373	43	4866	1.184	ug/l #	63

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

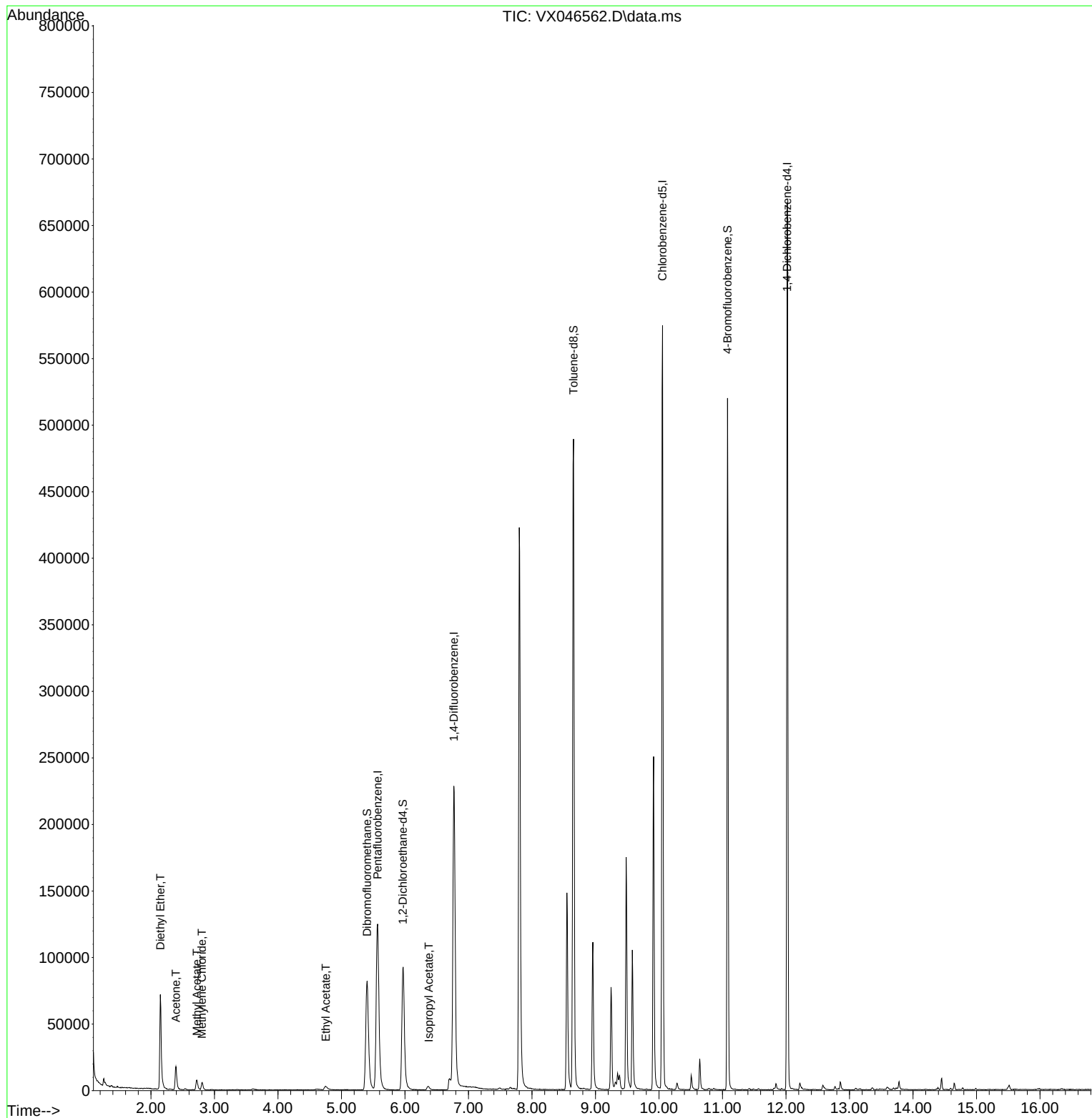
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046562.D
Acq On : 07 Jun 2025 07:01
Operator : JC/MD
Sample : Q2241-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

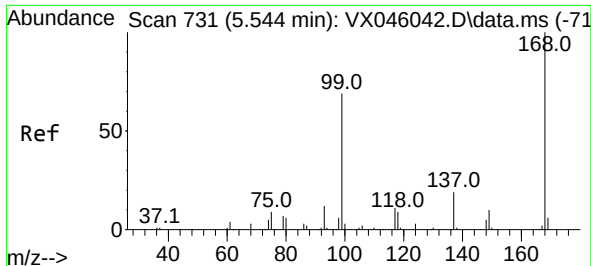
Instrument :
MSVOA_X
ClientSampleId :
TP-N

Quant Time: Jun 07 07:21:26 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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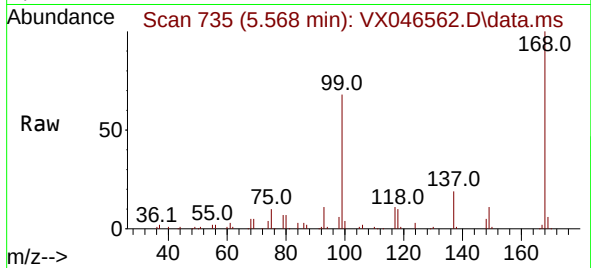
Reviewed By : John Carlone 06/09/2025
Supervised By : Mahesh Dadoda 06/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046562.D
Acq: 07 Jun 2025 07:01

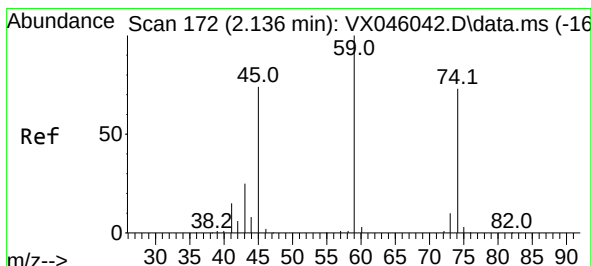
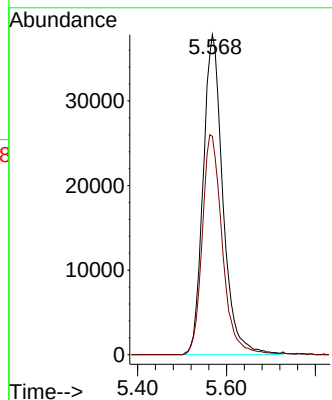
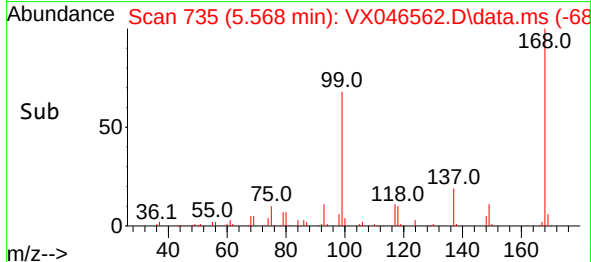
Instrument :
MSVOA_X
ClientSampleId :
TP-N



Tgt Ion:168 Resp: 11720
Ion Ratio Lower Upper
168 100
99 68.2 54.9 82.3

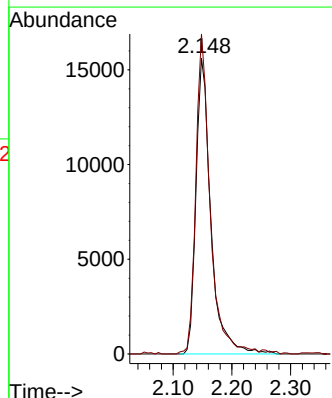
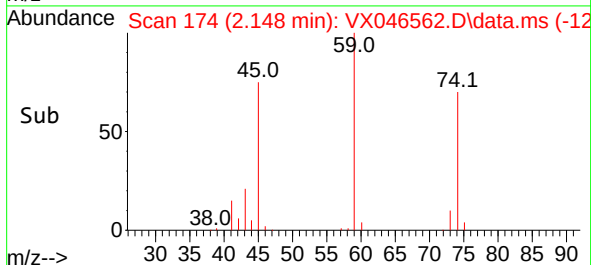
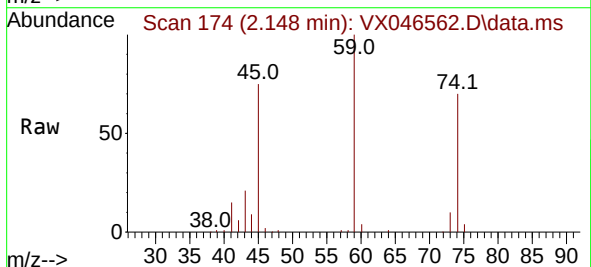
Manual Integrations
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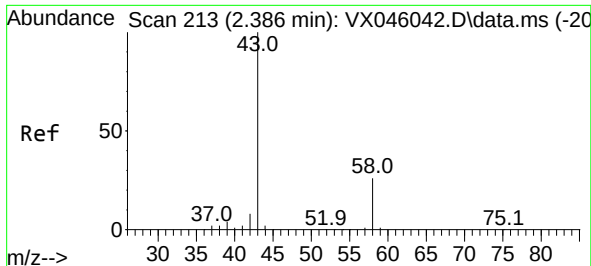
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 31.877 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046562.D
Acq: 07 Jun 2025 07:01

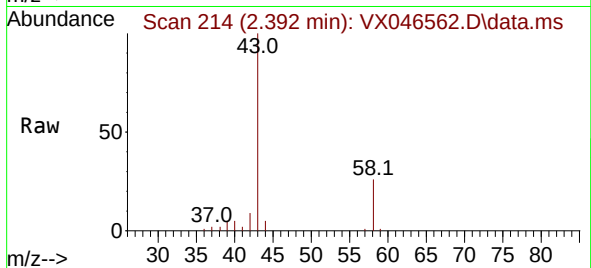
Tgt Ion: 74 Resp: 27513
Ion Ratio Lower Upper
74 100
45 104.1 54.9 164.8





#16
Acetone
Concen: 30.691 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046562.D
Acq: 07 Jun 2025 07:01

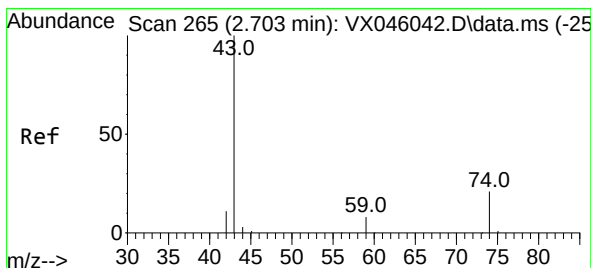
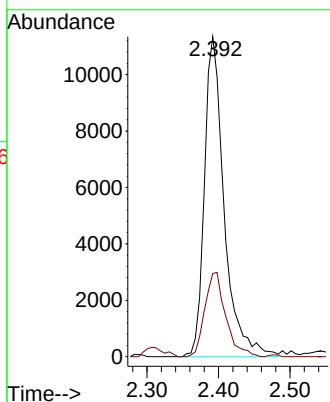
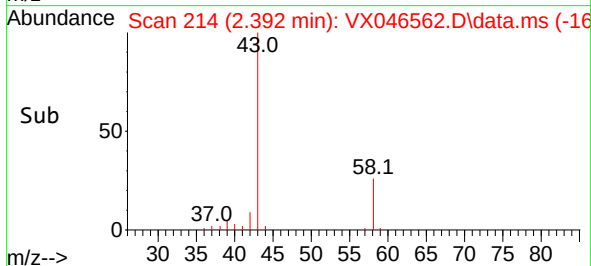
Instrument :
MSVOA_X
ClientSampleId :
TP-N



Tgt Ion: 43 Resp: 21769
Ion Ratio Lower Upper
43 100
58 26.0 21.2 31.8

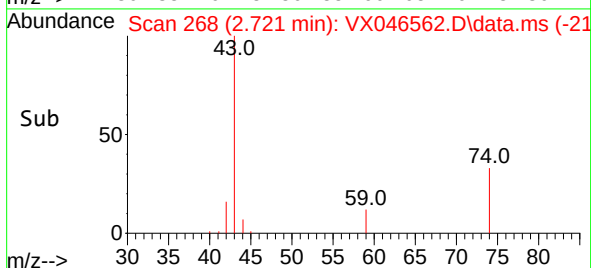
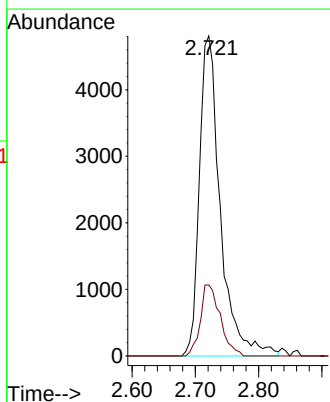
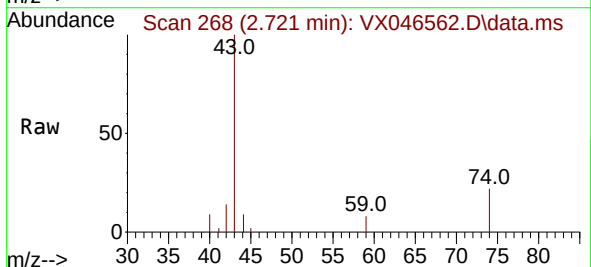
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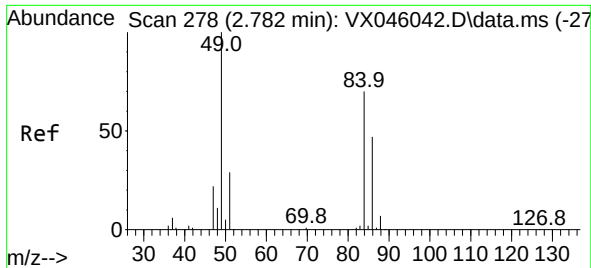
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#18
Methyl Acetate
Concen: 4.459 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.000 min
Lab File: VX046562.D
Acq: 07 Jun 2025 07:01

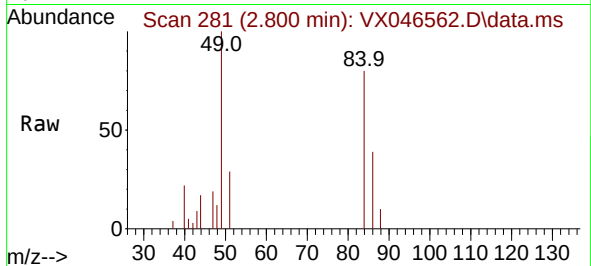
Tgt Ion: 43 Resp: 11075
Ion Ratio Lower Upper
43 100
74 21.1 16.7 25.1





#20
Methylene Chloride
Concen: 1.600 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046562.D
Acq: 07 Jun 2025 07:01

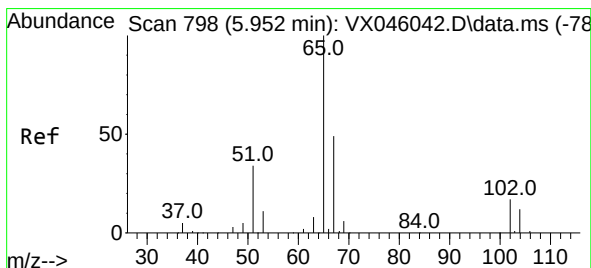
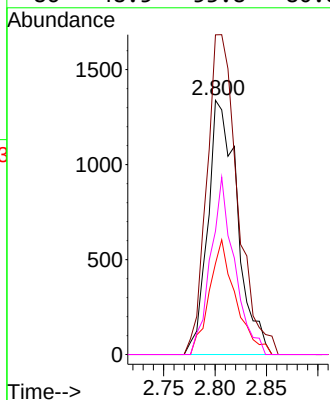
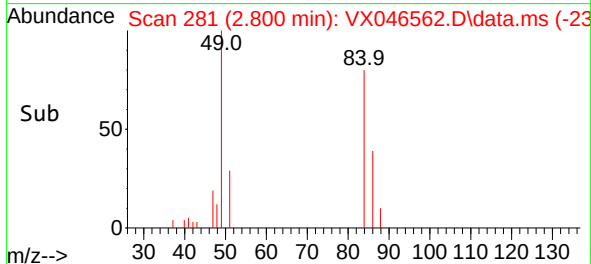
Instrument :
MSVOA_X
ClientSampleId :
TP-N



Tgt Ion: 84 Resp: 267
Ion Ratio Lower Upper
84 100
49 125.7 113.9 170.9
51 35.8 33.5 50.3
86 48.5 53.8 80.8#

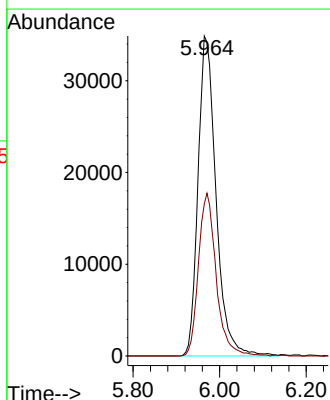
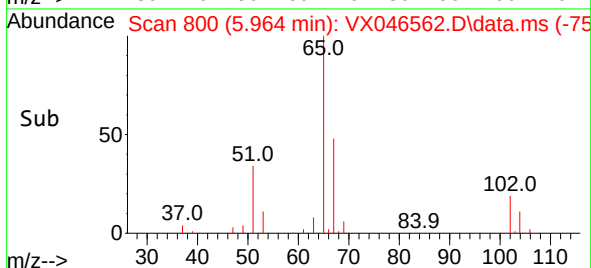
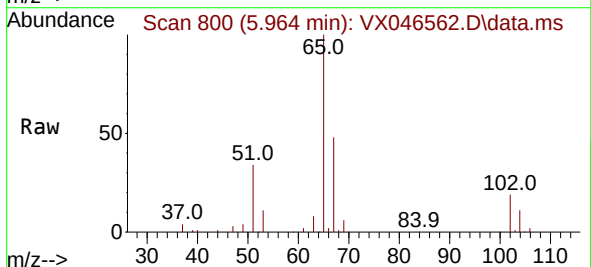
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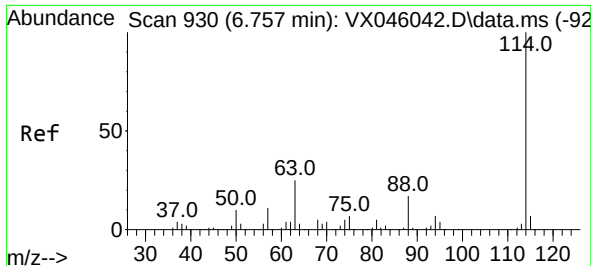
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#33
1,2-Dichloroethane-d4
Concen: 48.245 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046562.D
Acq: 07 Jun 2025 07:01

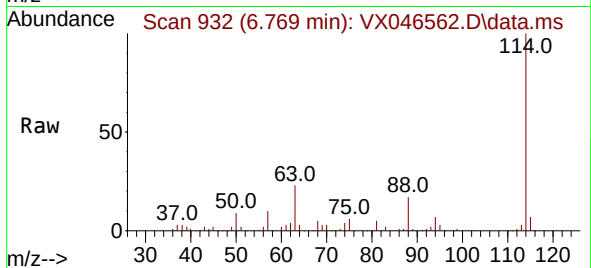
Tgt Ion: 65 Resp: 100601
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046562.D
Acq: 07 Jun 2025 07:01

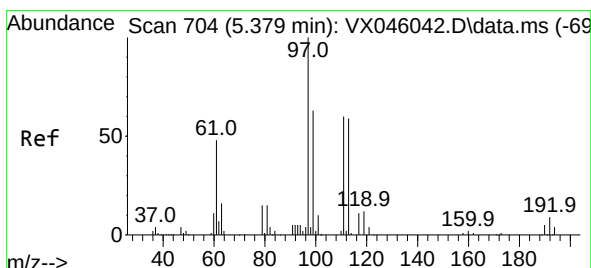
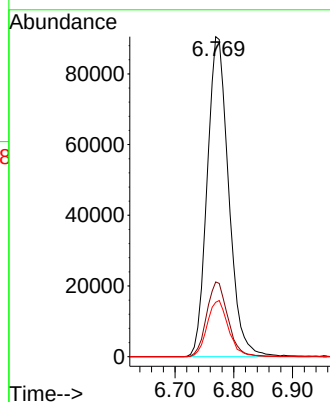
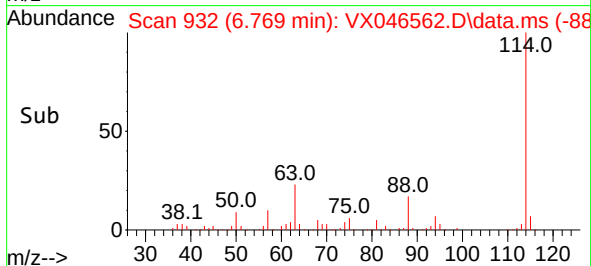
Instrument :
MSVOA_X
ClientSampleId :
TP-N



Tgt Ion:114 Resp: 229920
Ion Ratio Lower Upper
114 100
63 23.3 0.0 49.2
88 17.0 0.0 33.6

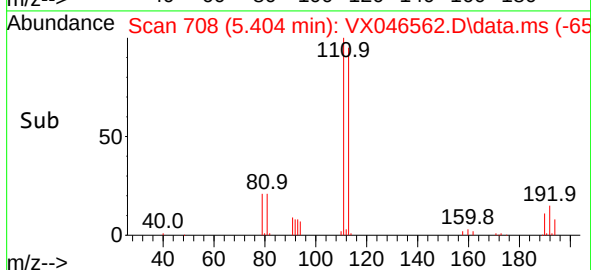
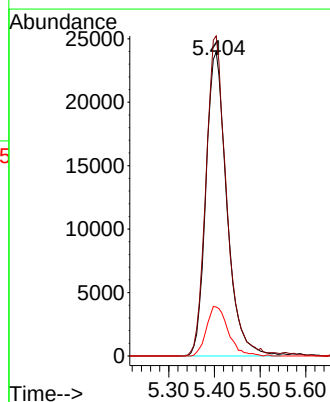
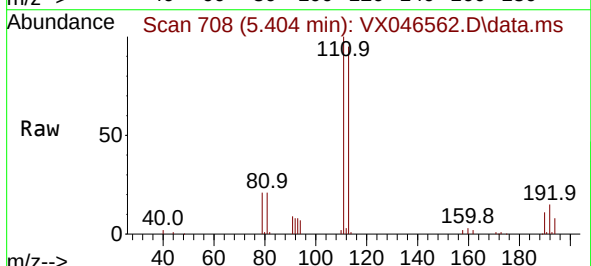
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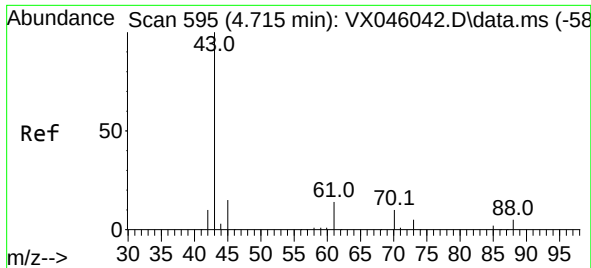
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#35
Dibromofluoromethane
Concen: 45.103 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.001 min
Lab File: VX046562.D
Acq: 07 Jun 2025 07:01

Tgt Ion:113 Resp: 76262
Ion Ratio Lower Upper
113 100
111 103.3 83.1 124.7
192 16.8 13.3 19.9





#37

Ethyl Acetate

Concen: 2.805 ug/l m

RT: 4.751 min Scan# 601

Delta R.T. 0.018 min

Lab File: VX046562.D

Acq: 07 Jun 2025 07:01

Instrument :

MSVOA_X

ClientSampleId :

TP-N

Tgt Ion: 43 Resp: 661

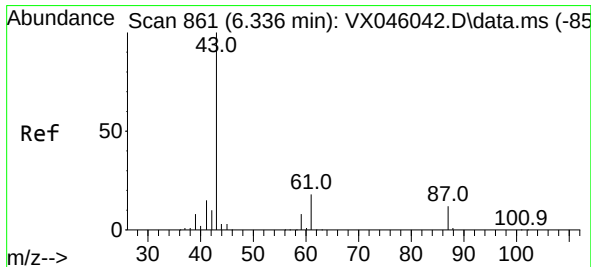
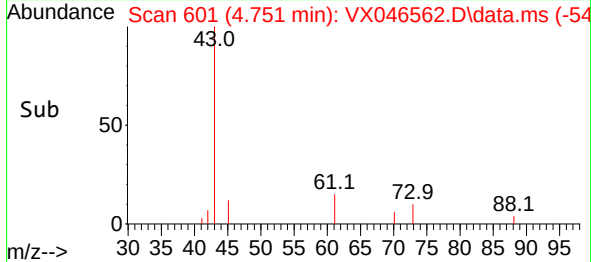
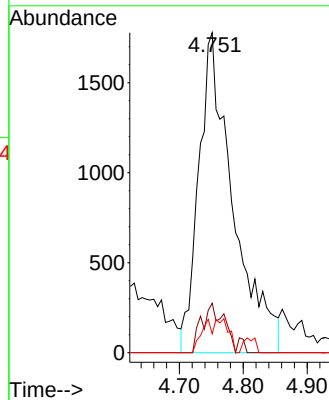
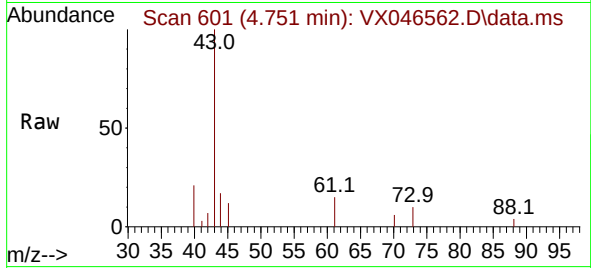
Ion	Ratio	Lower	Upper
43	100		
61	10.0	10.3	15.5
70	3.3	7.9	11.9

Manual Integrations

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Reviewed By :John Carlone 06/09/2025

Supervised By :Mahesh Dadoda 06/09/2025



#43

Isopropyl Acetate

Concen: 1.184 ug/l

RT: 6.373 min Scan# 867

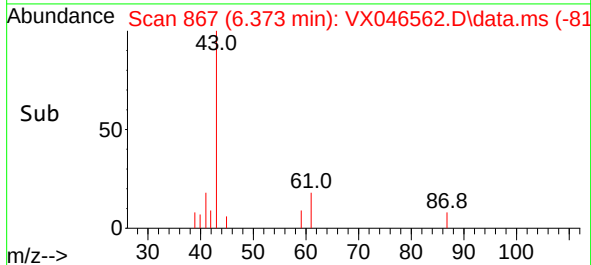
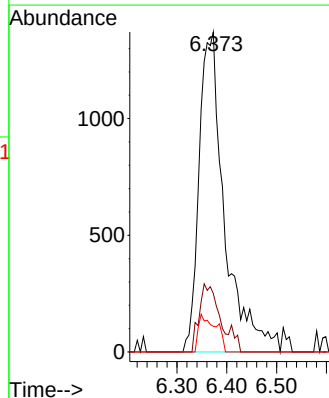
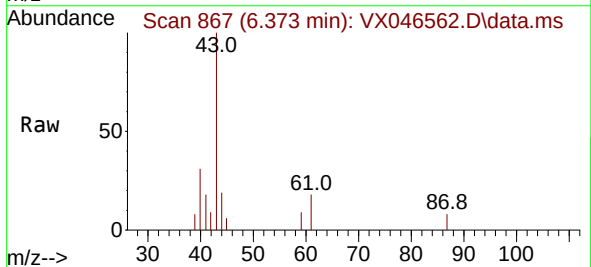
Delta R.T. 0.019 min

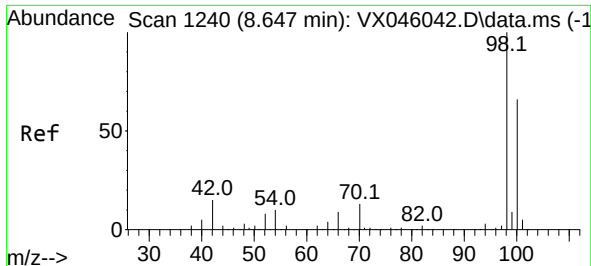
Lab File: VX046562.D

Acq: 07 Jun 2025 07:01

Tgt Ion: 43 Resp: 4866

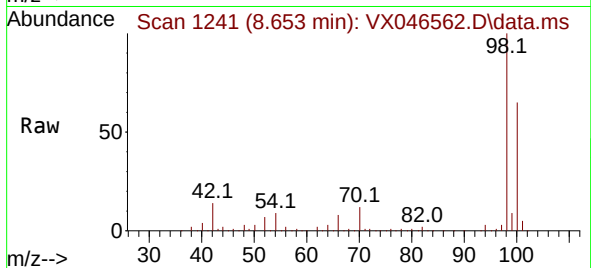
Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.3	21.5#
87	0.0	9.5	14.3#





#50
Toluene-d8
Concen: 52.161 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046562.D
Acq: 07 Jun 2025 07:01

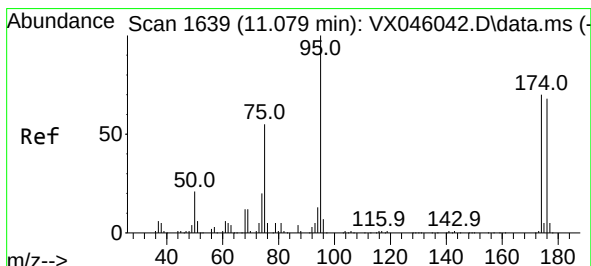
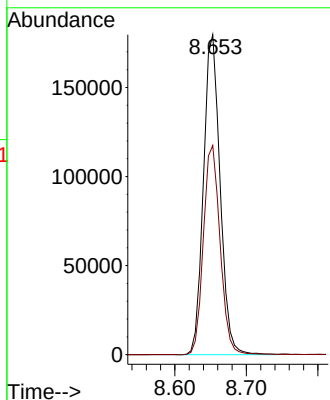
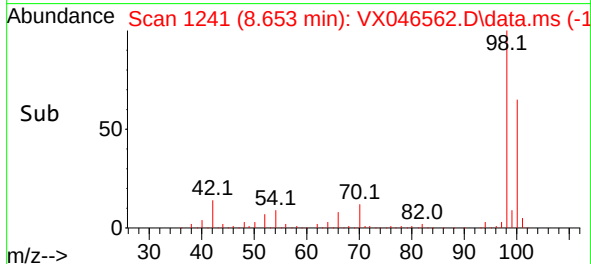
Instrument :
MSVOA_X
ClientSampleId :
TP-N



Tgt Ion: 98 Resp: 29076
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3

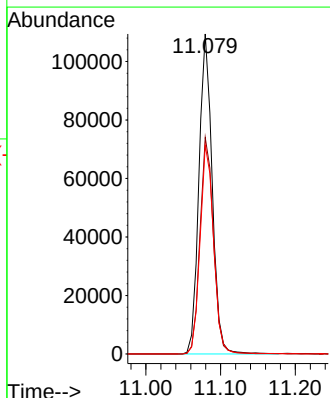
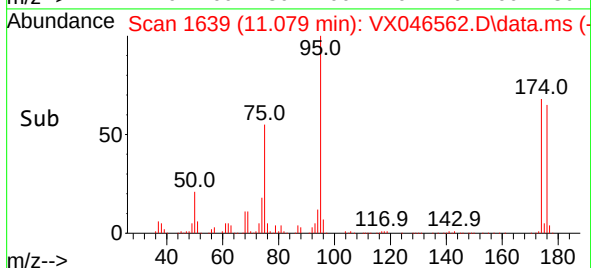
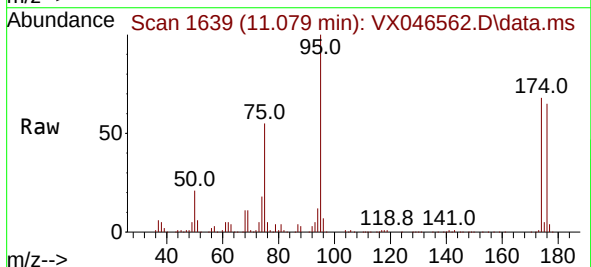
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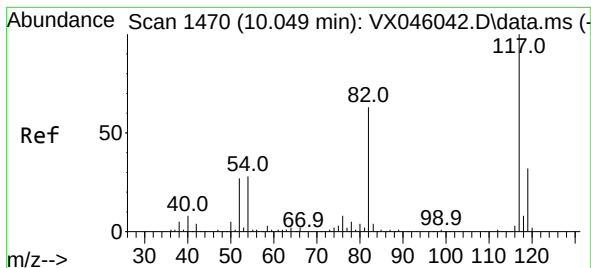
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#62
4-Bromofluorobenzene
Concen: 58.399 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046562.D
Acq: 07 Jun 2025 07:01

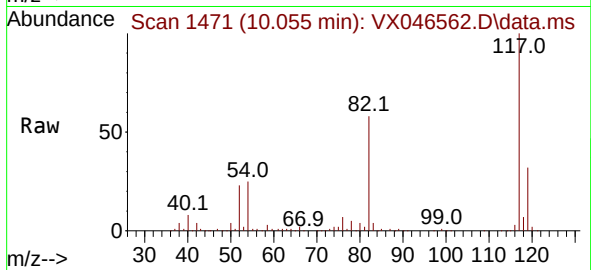
Tgt Ion: 95 Resp: 134690
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.8
176 66.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046562.D
Acq: 07 Jun 2025 07:01

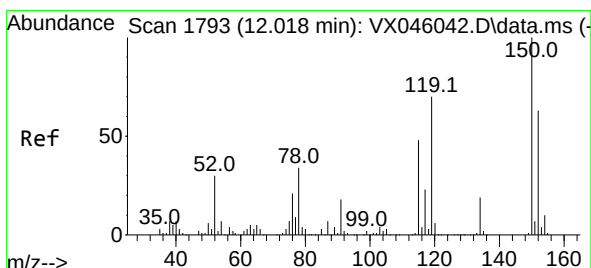
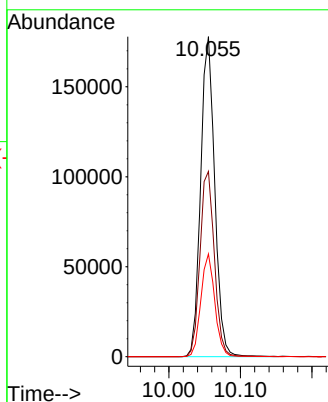
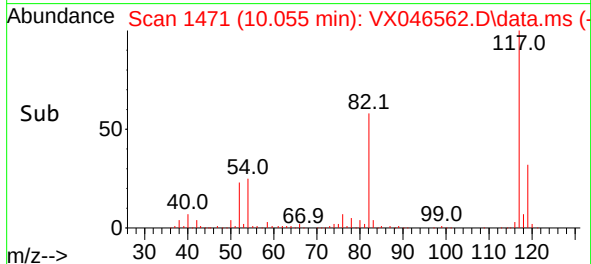
Instrument :
MSVOA_X
ClientSampleId :
TP-N



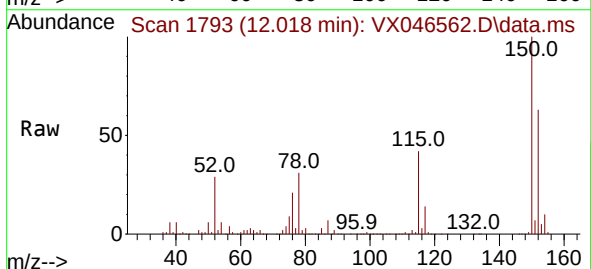
Tgt Ion:117 Resp: 243294
Ion Ratio Lower Upper
117 100
82 57.9 50.6 76.0
119 32.1 25.8 38.6

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046562.D
Acq: 07 Jun 2025 07:01



Tgt Ion:152 Resp: 125809
Ion Ratio Lower Upper
152 100
115 64.6 46.9 140.7
150 159.0 0.0 351.0

