

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046563.D
 Acq On : 07 Jun 2025 07:23
 Operator : JC/MD
 Sample : Q2241-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-S

Quant Time: Jun 07 07:41:55 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	121211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	238596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105011	48.696	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.400%
35) Dibromofluoromethane	5.403	113	78773	44.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.780%
50) Toluene-d8	8.653	98	300048	51.868	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.740%
62) 4-Bromofluorobenzene	11.079	95	138948	58.054	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	116.100%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.148	74	26915	30.153	ug/l	91
16) Acetone	2.392	43	11895	18.383	ug/l	93
18) Methyl Acetate	2.721	43	11461	4.462	ug/l	96
20) Methylene Chloride	2.812	84	2975	1.720	ug/l #	75
37) Ethyl Acetate	4.757	43	6172m	2.523	ug/l	
43) Isopropyl Acetate	6.367	43	4565	1.070	ug/l	93

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

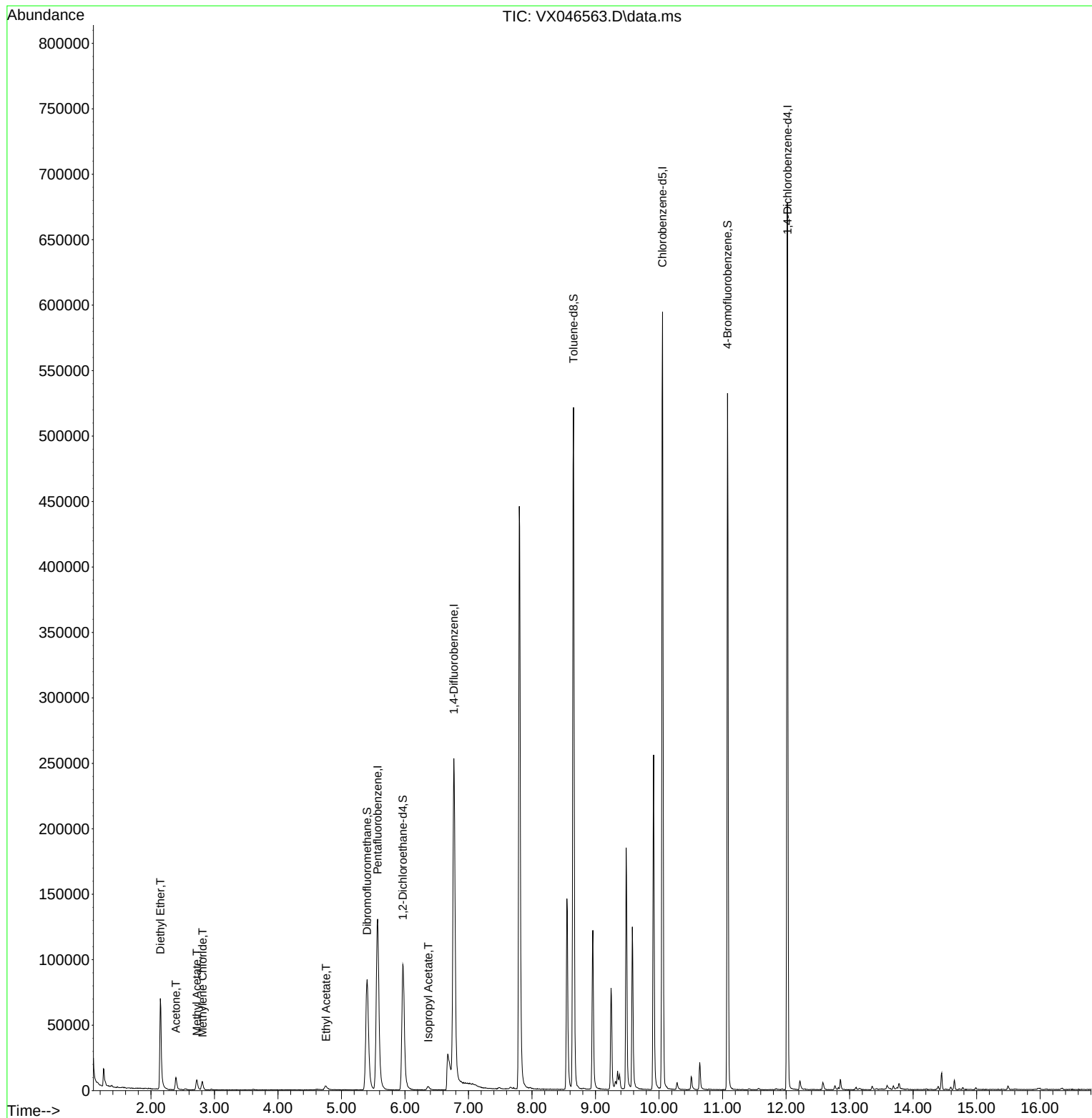
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046563.D
Acq On : 07 Jun 2025 07:23
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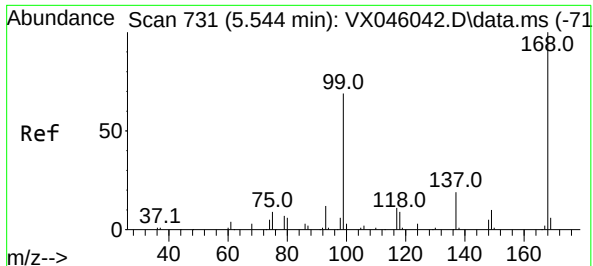
Instrument :
MSVOA_X
ClientSampleId :
TP-S

Quant Time: Jun 07 07:41:55 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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APPROVED

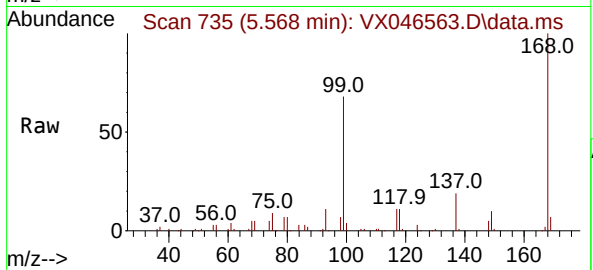
Reviewed By : John Carlone 06/09/2025
Supervised By : Mahesh Dadoda 06/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046563.D
Acq: 07 Jun 2025 07:23

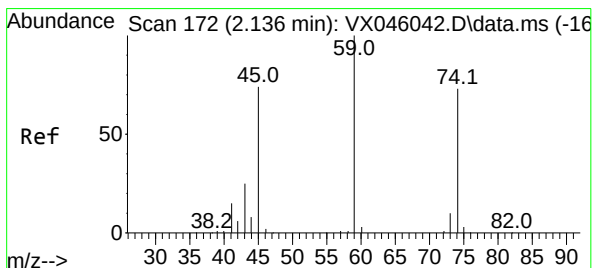
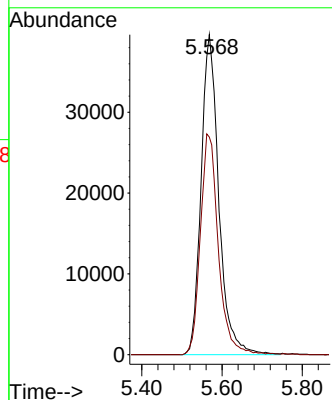
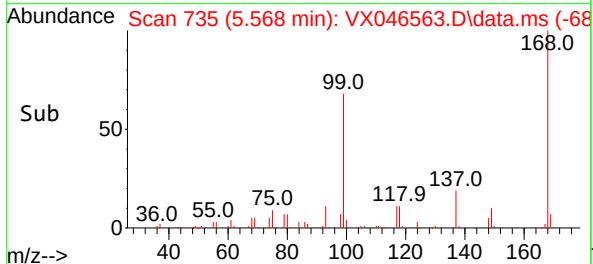
Instrument :
MSVOA_X
ClientSampleId :
TP-S



Tgt Ion:168 Resp: 12121
Ion Ratio Lower Upper
168 100
99 68.0 54.9 82.3

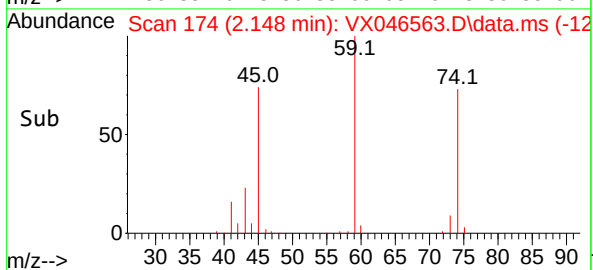
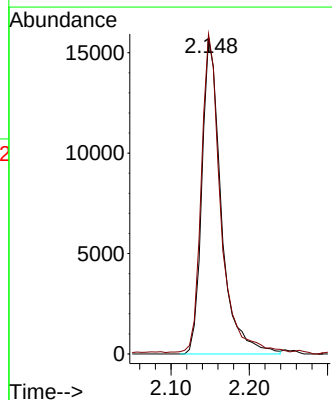
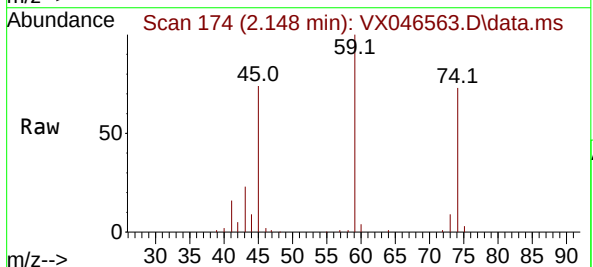
Manual Integrations
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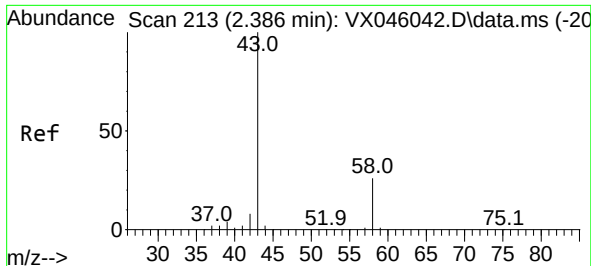
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 30.153 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046563.D
Acq: 07 Jun 2025 07:23

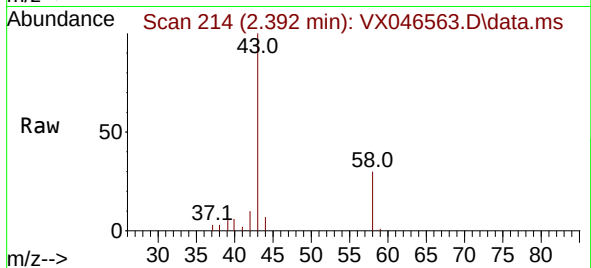
Tgt Ion: 74 Resp: 26915
Ion Ratio Lower Upper
74 100
45 100.0 54.9 164.8





#16
Acetone
Concen: 18.383 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046563.D
Acq: 07 Jun 2025 07:23

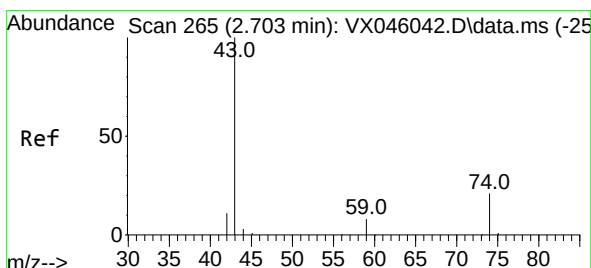
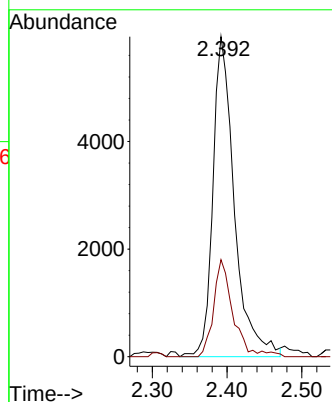
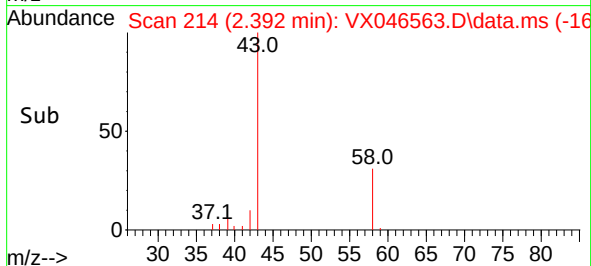
Instrument :
MSVOA_X
ClientSampleId :
TP-S



Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
58 30.3 21.2 31.8

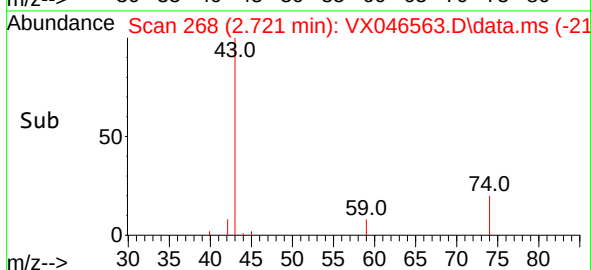
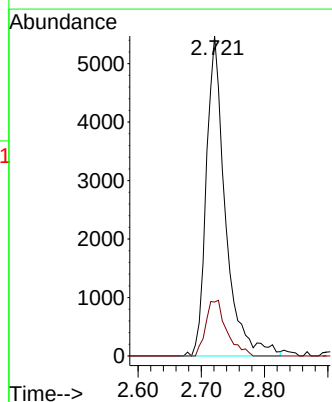
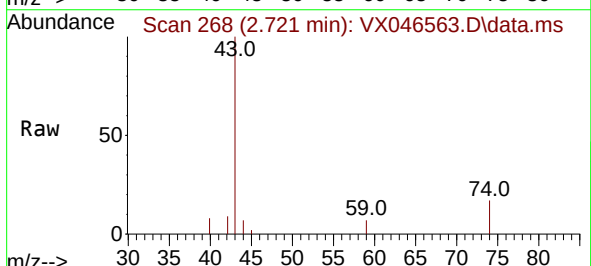
Manual Integrations
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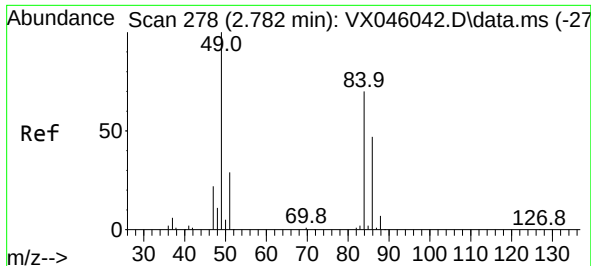
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#18
Methyl Acetate
Concen: 4.462 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046563.D
Acq: 07 Jun 2025 07:23

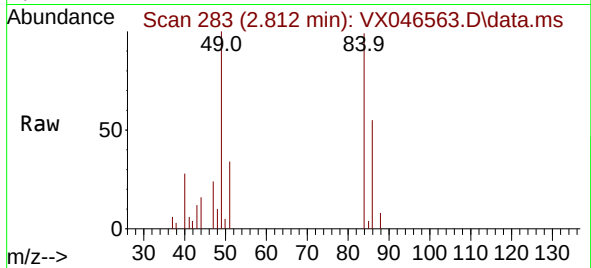
Tgt Ion: 43 Resp: 11461
Ion Ratio Lower Upper
43 100
74 19.0 16.7 25.1





#20
Methylene Chloride
Concen: 1.720 ug/l
RT: 2.812 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046563.D
Acq: 07 Jun 2025 07:23

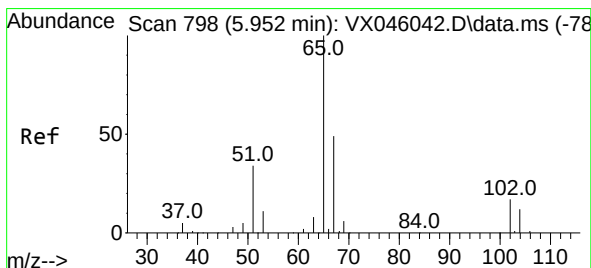
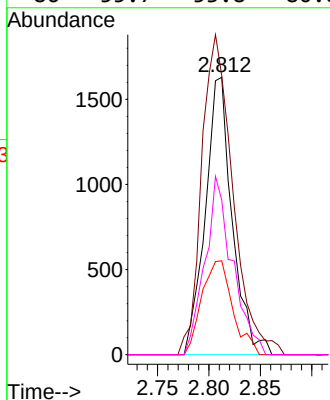
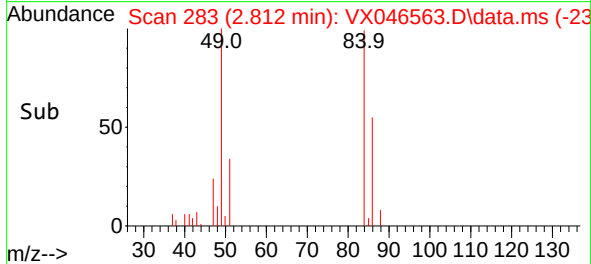
Instrument :
MSVOA_X
ClientSampleId :
TP-S



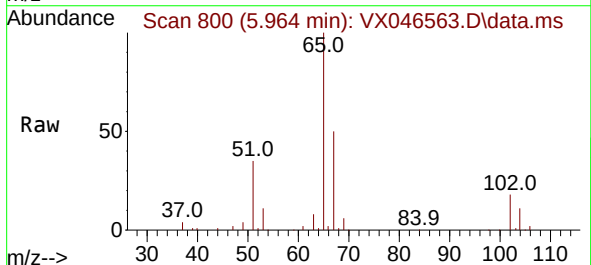
Tgt Ion: 84 Resp: 297
Ion Ratio Lower Upper
84 100
49 100.6 113.9 170.9
51 33.9 33.5 50.3
86 55.7 53.8 80.8

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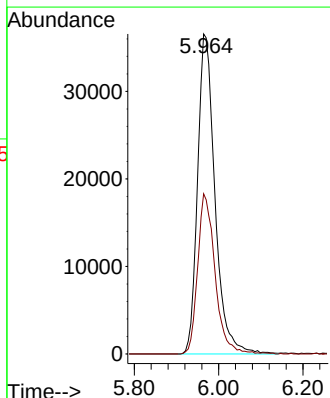
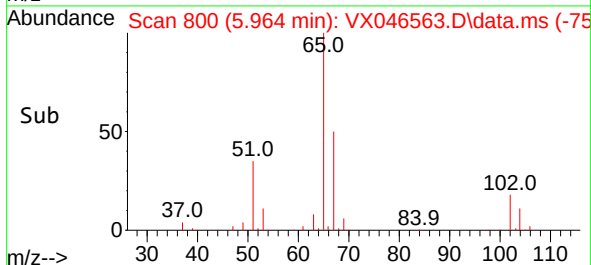
Reviewed By :John Carlone 06/09/2025
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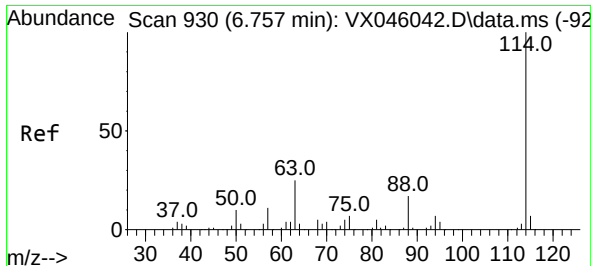


#33
1,2-Dichloroethane-d4
Concen: 48.696 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046563.D
Acq: 07 Jun 2025 07:23



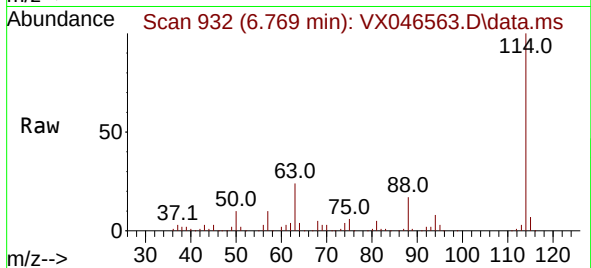
Tgt Ion: 65 Resp: 105011
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046563.D
Acq: 07 Jun 2025 07:23

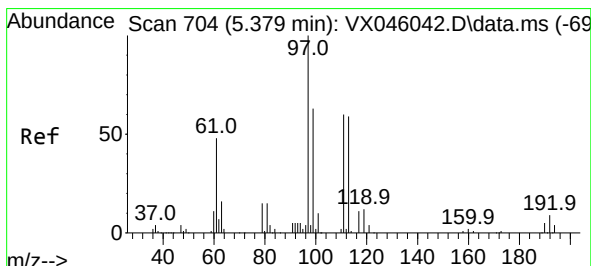
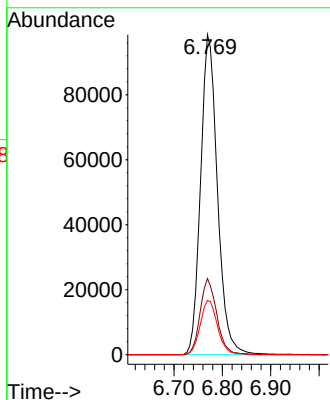
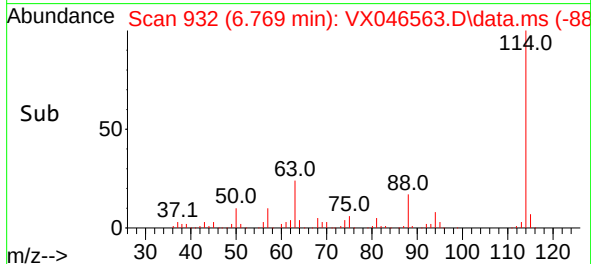
Instrument :
MSVOA_X
ClientSampleId :
TP-S



Tgt Ion:114 Resp: 238590
Ion Ratio Lower Upper
114 100
63 23.8 0.0 49.2
88 16.9 0.0 33.6

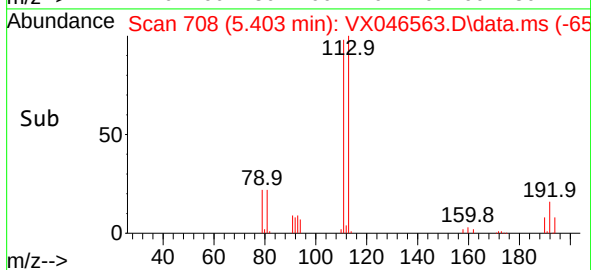
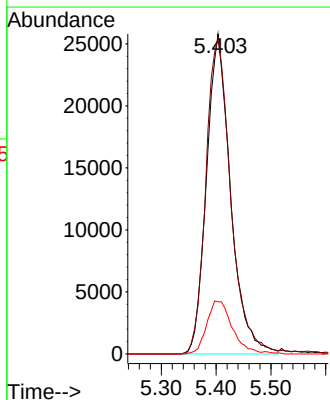
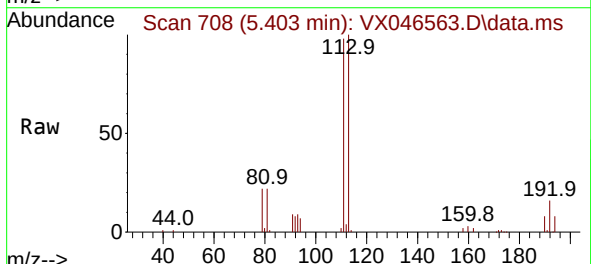
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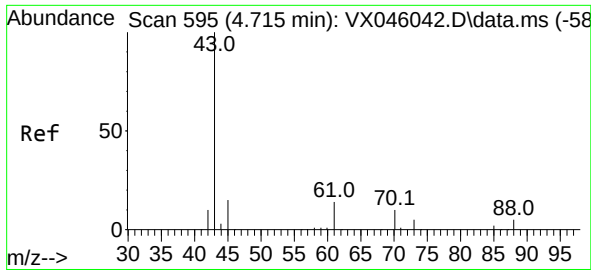
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#35
Dibromofluoromethane
Concen: 44.894 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046563.D
Acq: 07 Jun 2025 07:23

Tgt Ion:113 Resp: 78773
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 17.5 13.3 19.9





#37

Ethyl Acetate

Concen: 2.523 ug/l m

RT: 4.757 min Scan# 602

Delta R.T. 0.024 min

Lab File: VX046563.D

Acq: 07 Jun 2025 07:23

Instrument :

MSVOA_X

ClientSampleId :

TP-S

Tgt Ion: 43 Resp: 6172

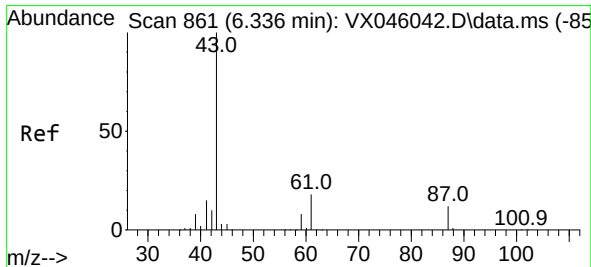
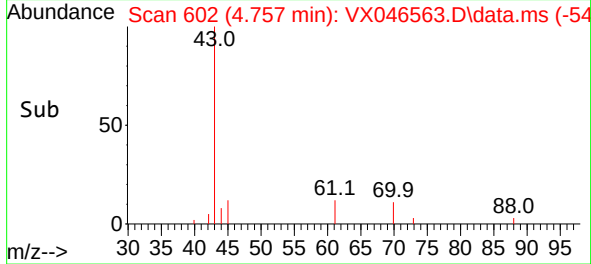
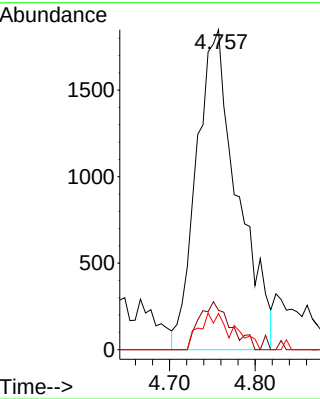
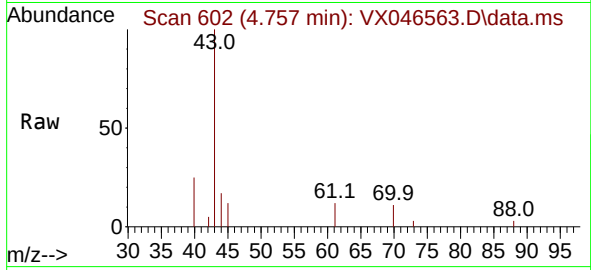
Ion	Ratio	Lower	Upper
43	100		
61	11.3	10.3	15.5
70	6.8	7.9	11.9

Manual Integrations

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Supervised By :Mahesh Dadoda 06/09/2025



#43

Isopropyl Acetate

Concen: 1.070 ug/l

RT: 6.367 min Scan# 866

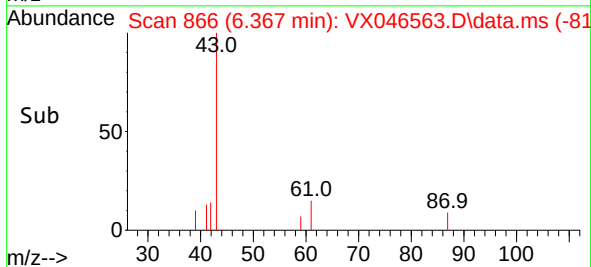
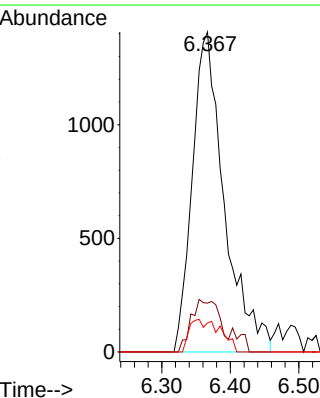
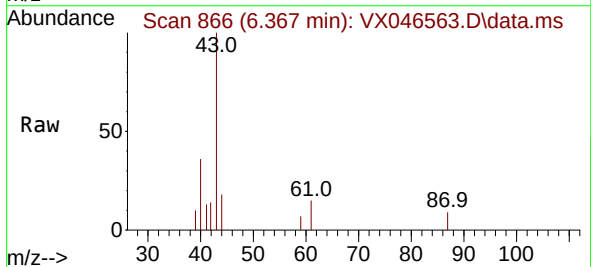
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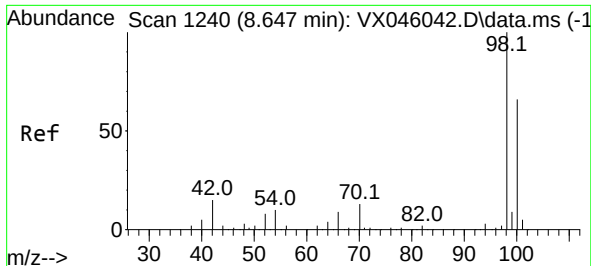
Lab File: VX046563.D

Acq: 07 Jun 2025 07:23

Tgt Ion: 43 Resp: 4565

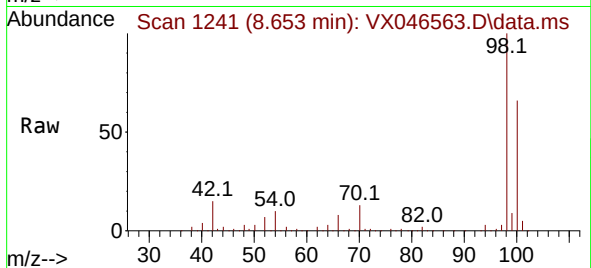
Ion	Ratio	Lower	Upper
43	100		
61	14.5	14.3	21.5
87	9.9	9.5	14.3





#50
Toluene-d8
Concen: 51.868 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046563.D
Acq: 07 Jun 2025 07:23

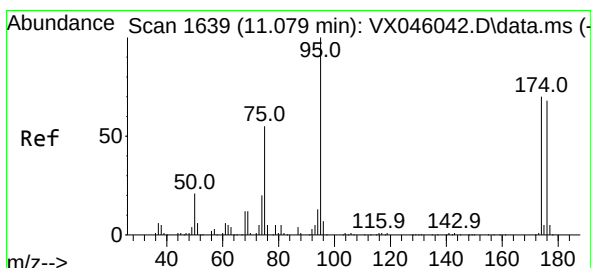
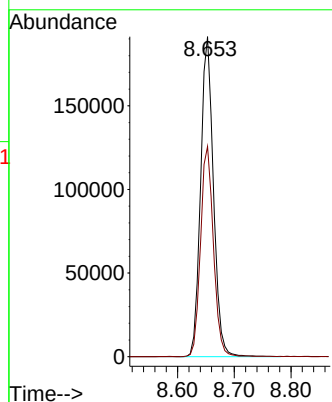
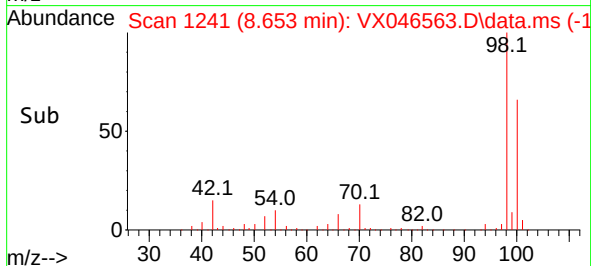
Instrument :
MSVOA_X
ClientSampleId :
TP-S



Tgt Ion: 98 Resp: 300048
Ion Ratio Lower Upper
98 100
100 66.1 53.5 80.3

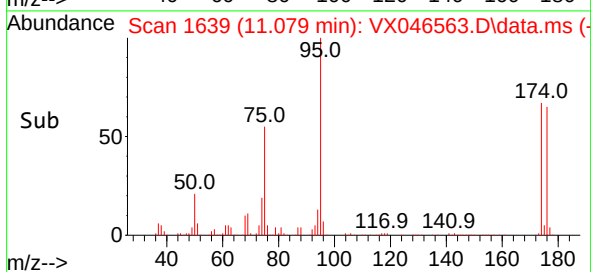
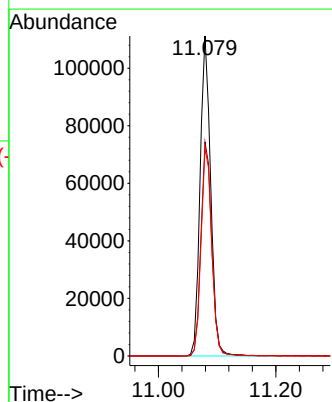
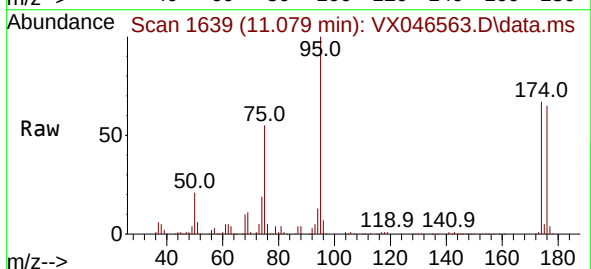
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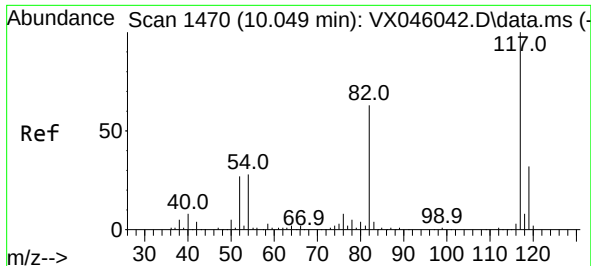
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#62
4-Bromofluorobenzene
Concen: 58.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046563.D
Acq: 07 Jun 2025 07:23

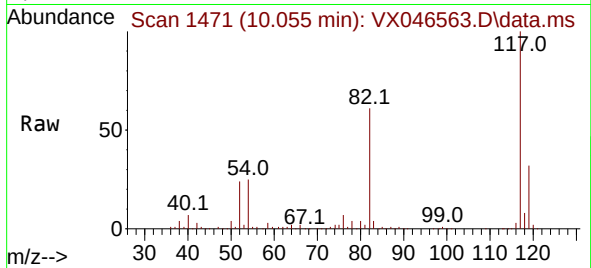
Tgt Ion: 95 Resp: 138948
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 65.9 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046563.D
Acq: 07 Jun 2025 07:23

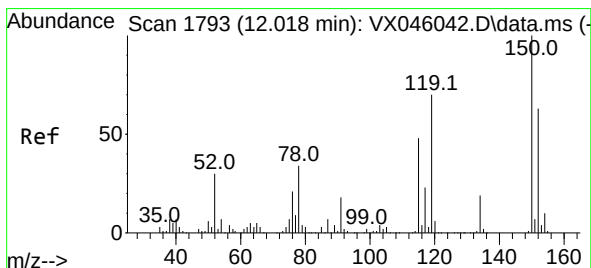
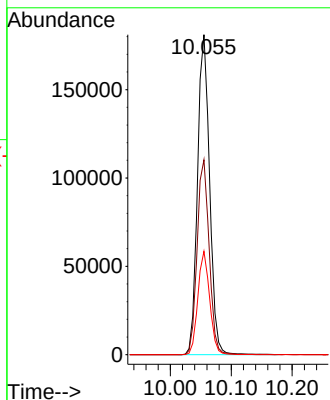
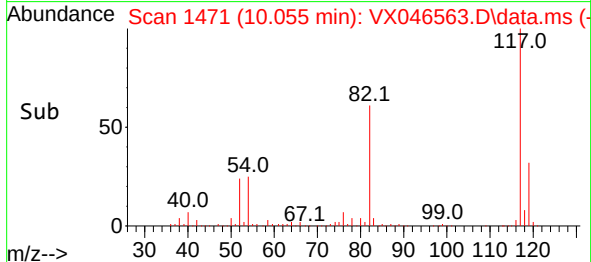
Instrument :
MSVOA_X
ClientSampleId :
TP-S



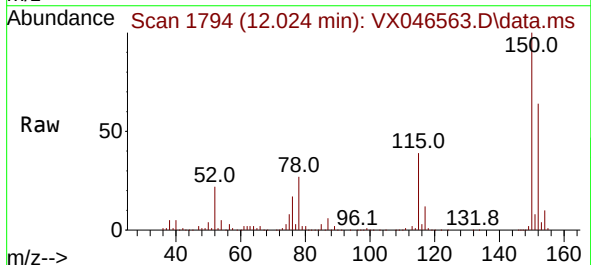
Tgt Ion:117 Resp: 248955
Ion Ratio Lower Upper
117 100
82 60.9 50.6 76.0
119 32.3 25.8 38.6

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: VX046563.D
Acq: 07 Jun 2025 07:23



Tgt Ion:152 Resp: 130205
Ion Ratio Lower Upper
152 100
115 64.1 46.9 140.7
150 157.1 0.0 351.0

