

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047168.D
 Acq On : 28 Jul 2025 16:11
 Operator : JC/MD
 Sample : Q2703-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-4

Quant Time: Jul 29 02:19:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2025
 Supervised By : Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.568	168	338645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	585218	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	520279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	264253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	209278	49.610	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.220%		
35) Dibromofluoromethane	5.397	113	177500	49.124	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.240%		
50) Toluene-d8	8.653	98	544253	46.511	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.020%		
62) 4-Bromofluorobenzene	11.079	95	252375	50.047	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.100%		
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	81167	48.030	ug/l	96
18) Methyl Acetate	2.715	43	32886	7.323	ug/l	100
20) Methylene Chloride	2.806	84	11955	2.571	ug/l	91
25) 2-Butanone	4.586	43	23597	9.590	ug/l	98
37) Ethyl Acetate	4.757	43	20447m	3.603	ug/l	
43) Isopropyl Acetate	6.360	43	12787	1.445	ug/l	98

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

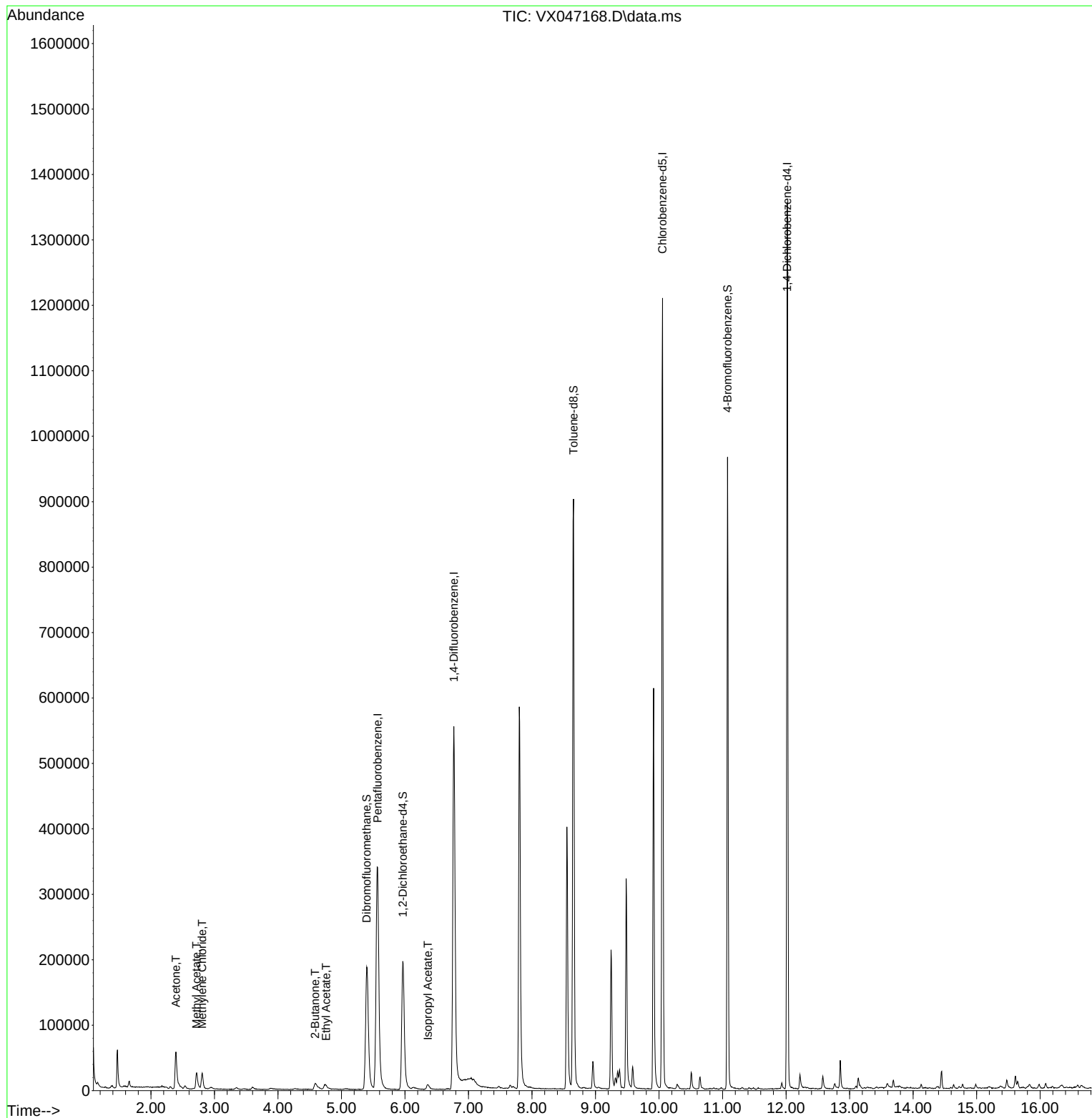
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Data File : VX047168.D
Acq On : 28 Jul 2025 16:11
Operator : JC/MD
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ALS Vial : 18 Sample Multiplier: 1

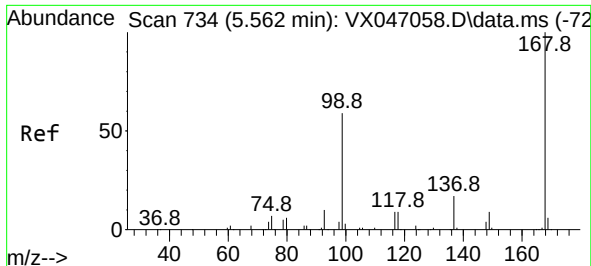
Instrument :
MSVOA_X
ClientSampleId :
TP-4

Quant Time: Jul 29 02:19:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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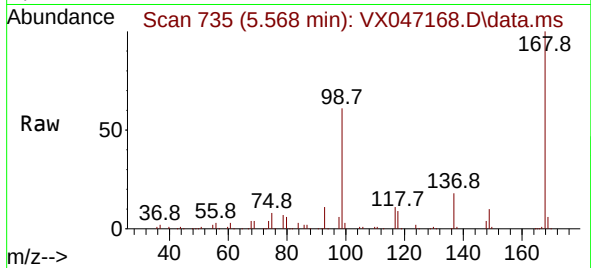
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 714
Delta R.T. 0.006 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

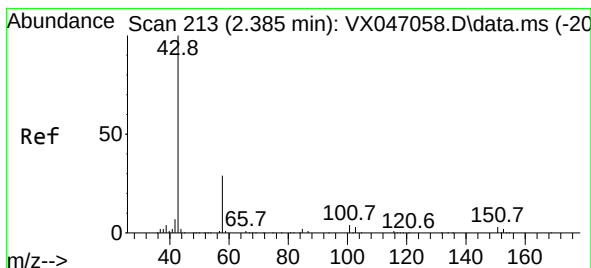
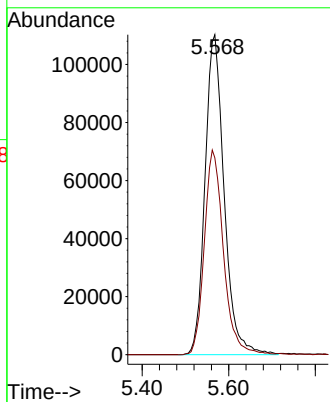
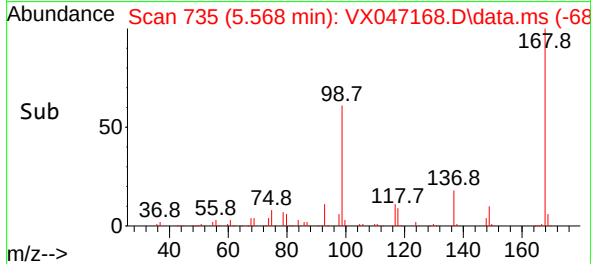
Instrument :
MSVOA_X
ClientSampleId :
TP-4



Tgt Ion:168 Resp: 33864
Ion Ratio Lower Upper
168 100
99 61.5 48.0 72.0

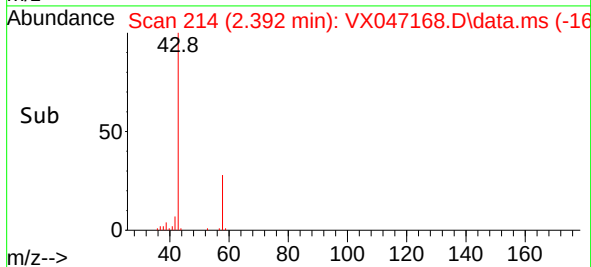
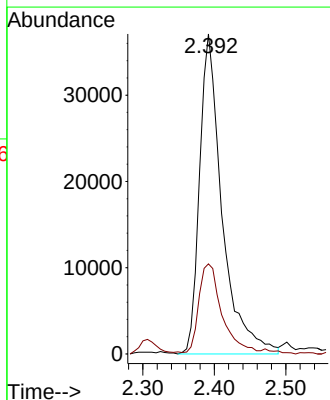
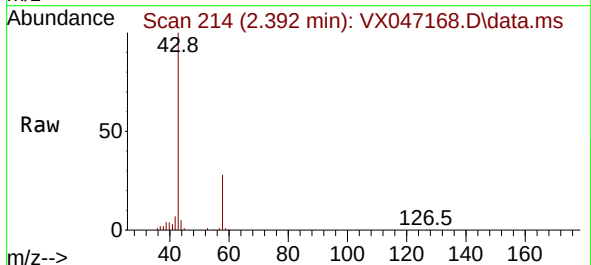
Manual Integrations
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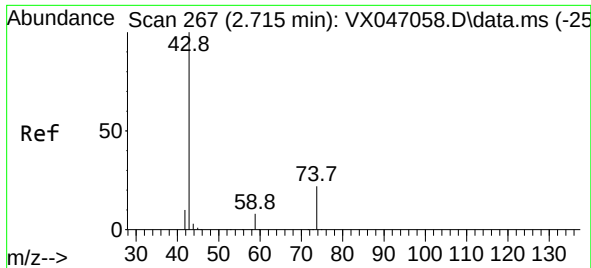
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#16
Acetone
Concen: 48.030 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion: 43 Resp: 81167
Ion Ratio Lower Upper
43 100
58 28.0 24.0 36.0





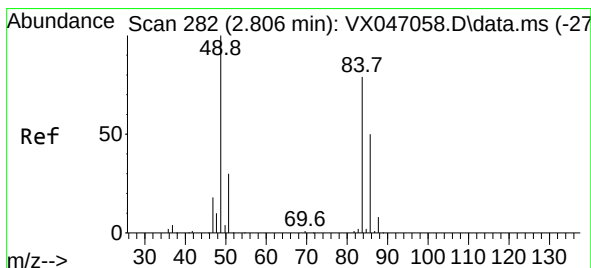
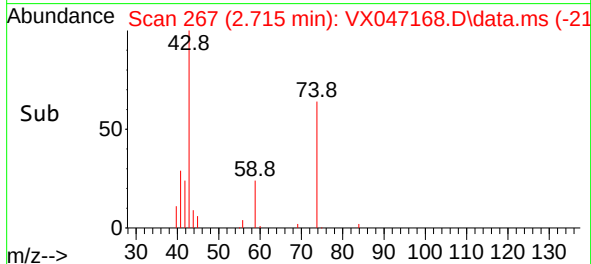
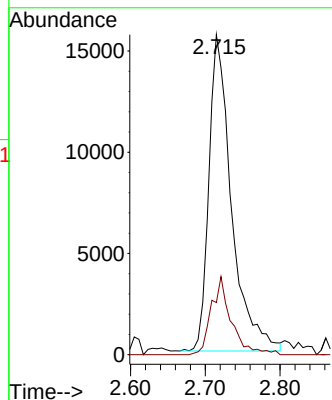
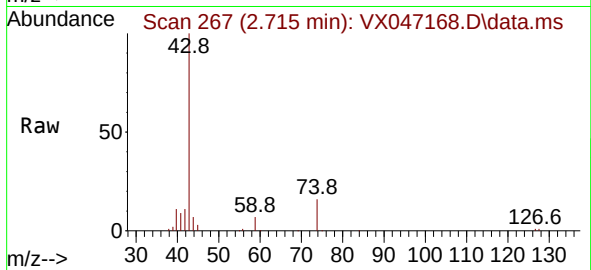
#18
Methyl Acetate
Concen: 7.323 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :
TP-4

Tgt Ion: 43 Resp: 3288
Ion Ratio Lower Upper
43 100
74 21.9 17.7 26.5

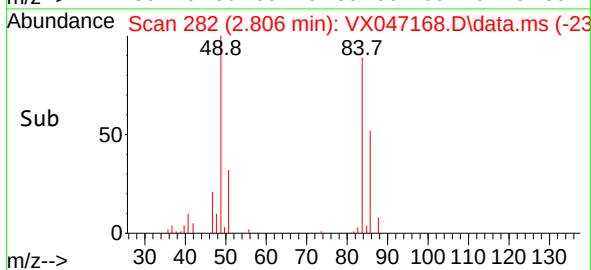
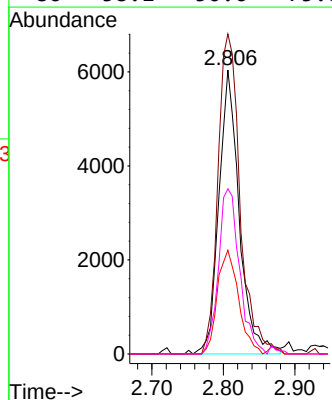
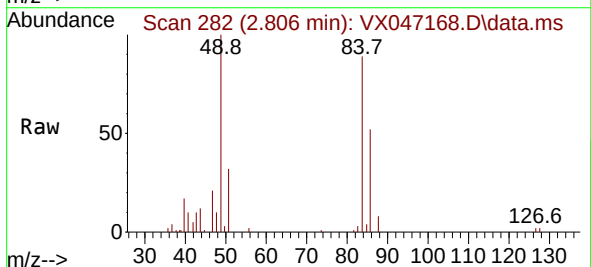
Manual Integrations
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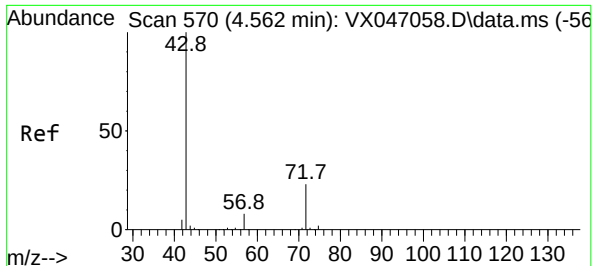
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#20
Methylene Chloride
Concen: 2.571 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

Tgt Ion: 84 Resp: 11955
Ion Ratio Lower Upper
84 100
49 112.6 101.6 152.4
51 36.5 30.3 45.5
86 58.1 50.6 75.8





#25

2-Butanone

Concen: 9.590 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX047168.D

Acq: 28 Jul 2025 16:11

Instrument :

MSVOA_X

ClientSampleId :

TP-4

Tgt Ion: 43 Resp: 2359

Ion Ratio Lower Upper

43 100

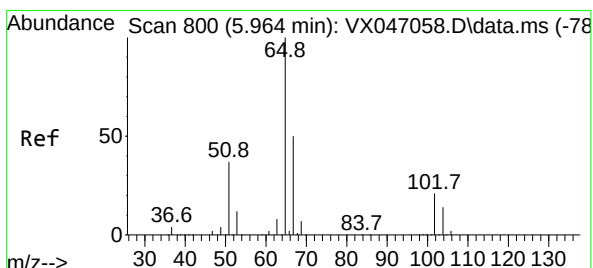
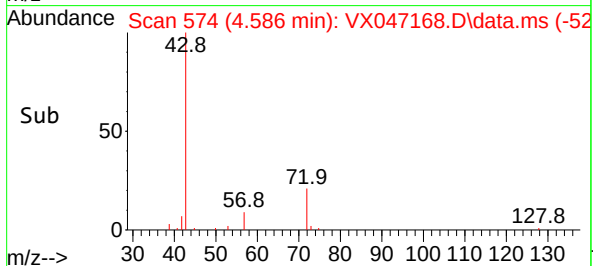
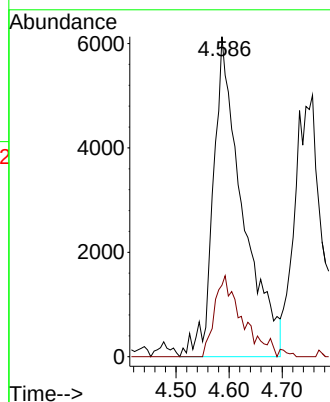
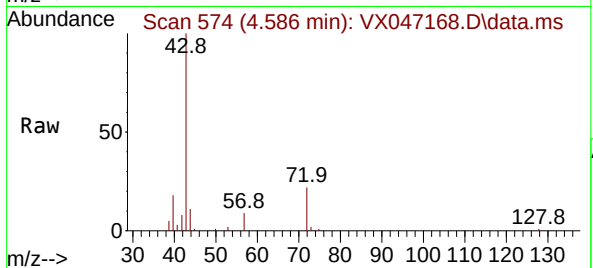
72 24.4 18.8 28.2

Manual Integrations

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Reviewed By :John Carlone 07/29/2025

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#33

1,2-Dichloroethane-d4

Concen: 49.610 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047168.D

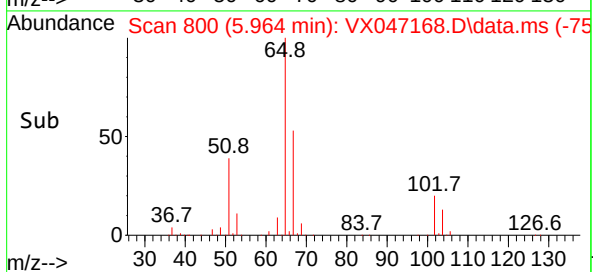
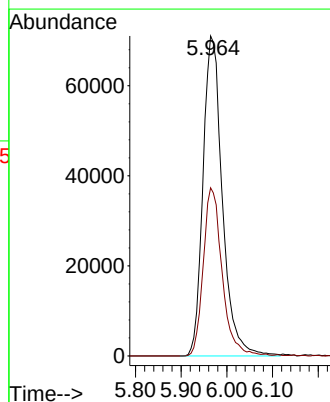
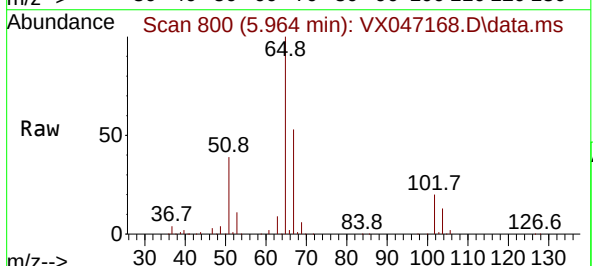
Acq: 28 Jul 2025 16:11

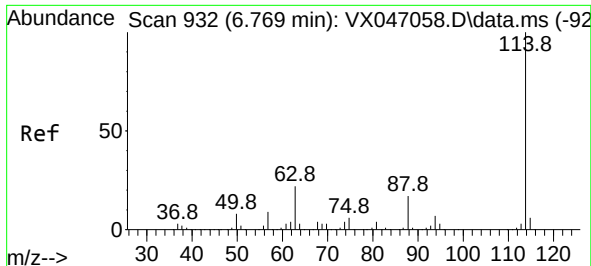
Tgt Ion: 65 Resp: 209278

Ion Ratio Lower Upper

65 100

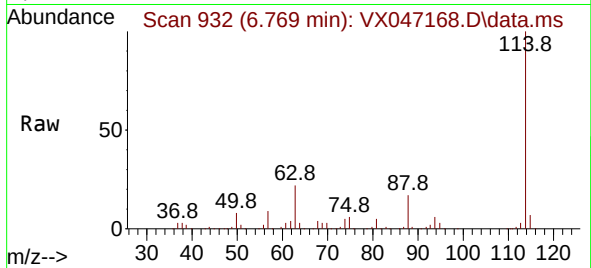
67 51.1 0.0 104.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

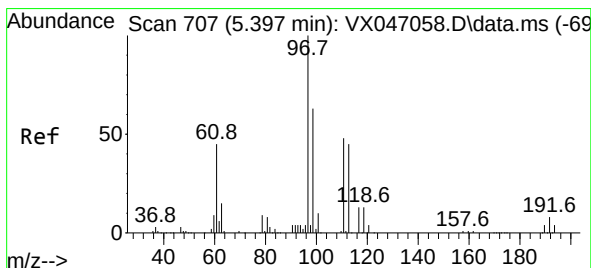
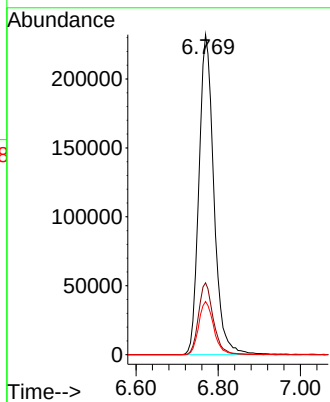
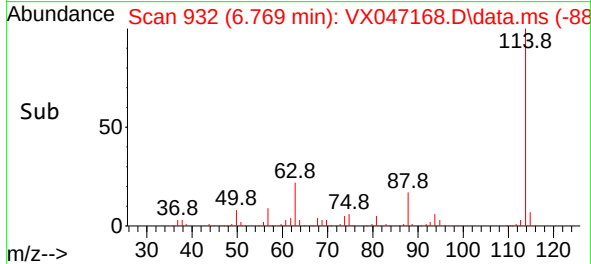
Instrument :
MSVOA_X
ClientSampleId :
TP-4



Tgt Ion:114 Resp: 585218
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.2
88 16.6 0.0 33.8

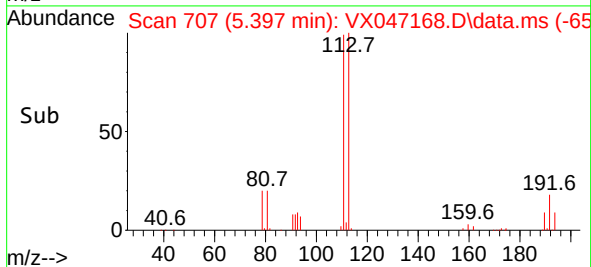
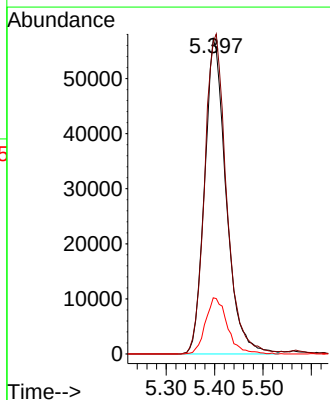
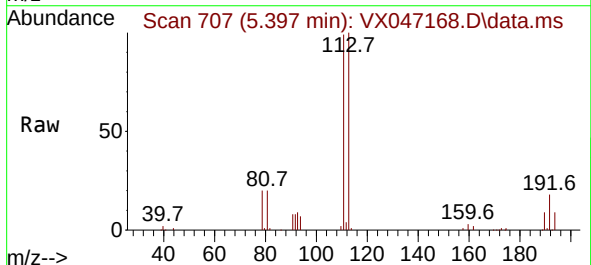
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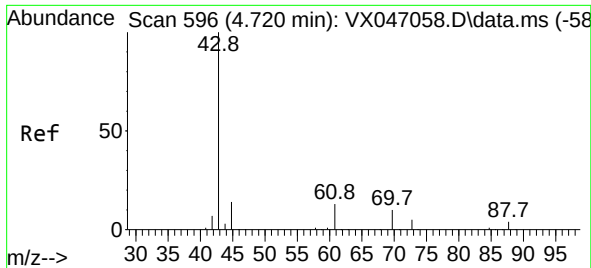
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#35
Dibromofluoromethane
Concen: 49.124 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

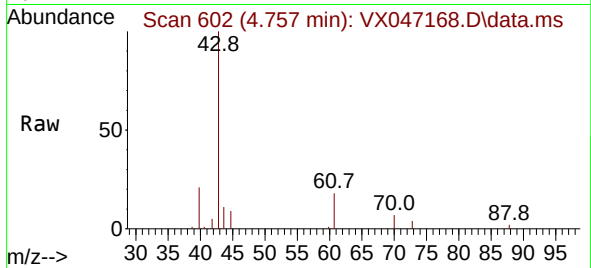
Tgt Ion:113 Resp: 177500
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 18.1 14.9 22.3





#37
Ethyl Acetate
Concen: 3.603 ug/l m
RT: 4.757 min Scan# 602
Delta R.T. 0.037 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

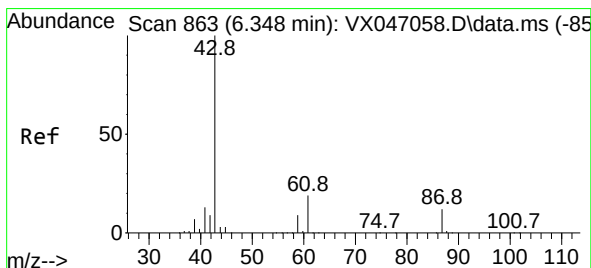
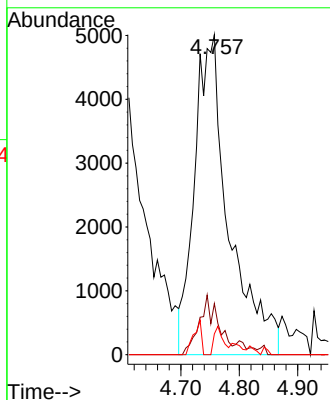
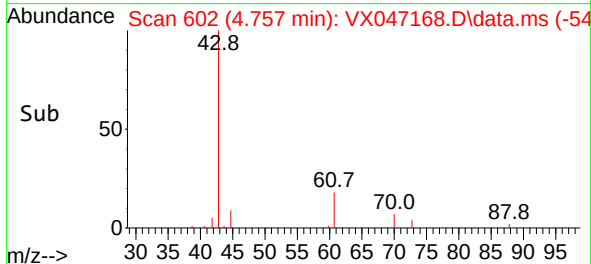
Instrument :
MSVOA_X
ClientSampleId :
TP-4



Tgt Ion: 43 Resp: 2044
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2
70 2.4 8.1 12.1

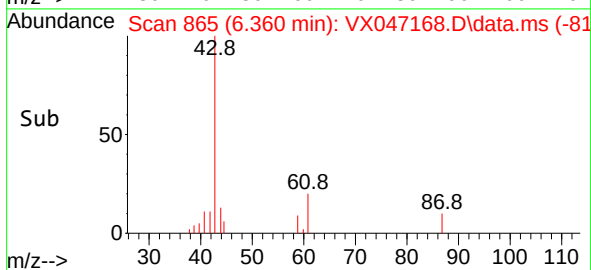
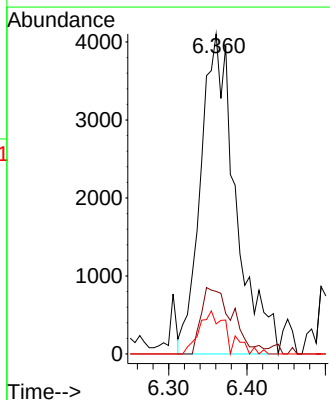
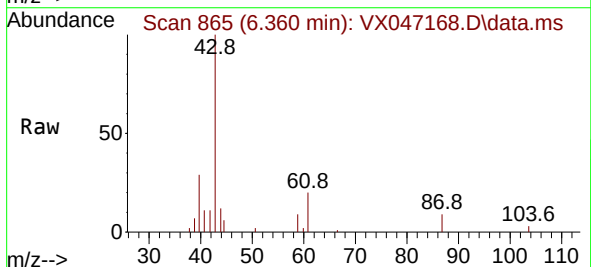
Manual Integrations
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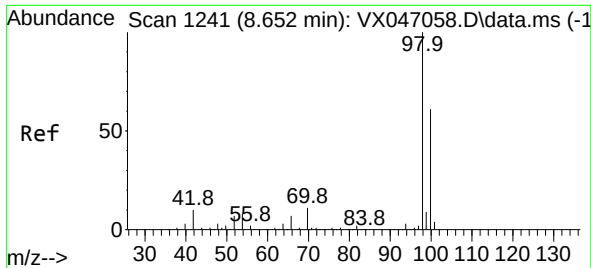
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#43
Isopropyl Acetate
Concen: 1.445 ug/l
RT: 6.360 min Scan# 865
Delta R.T. 0.012 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

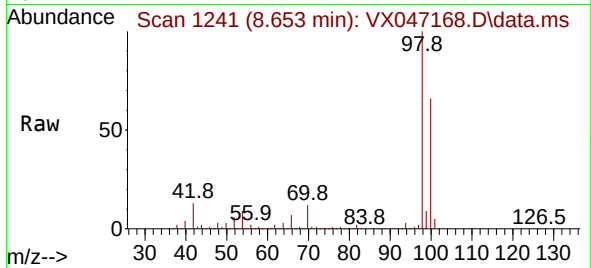
Tgt Ion: 43 Resp: 12787
Ion Ratio Lower Upper
43 100
61 18.5 15.1 22.7
87 10.9 9.7 14.5





#50
Toluene-d8
Concen: 46.511 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

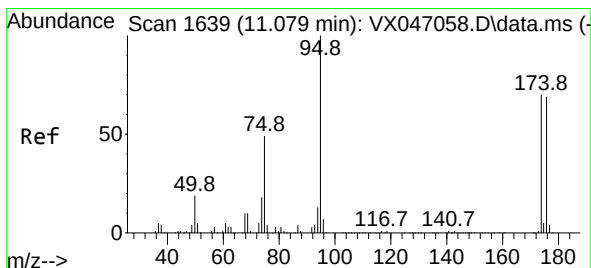
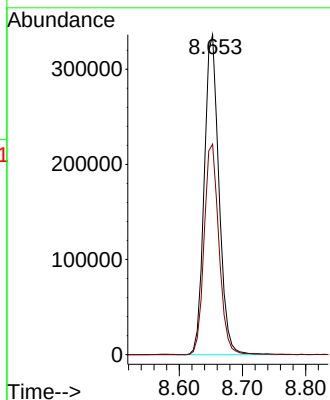
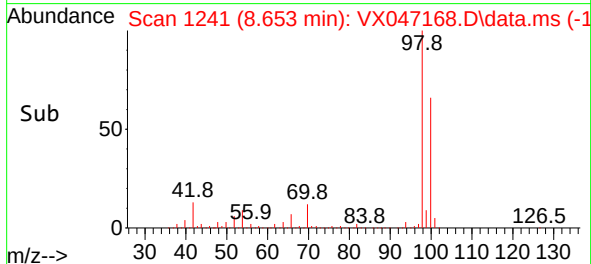
Instrument :
MSVOA_X
ClientSampleId :
TP-4



Tgt Ion: 98 Resp: 54425
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9

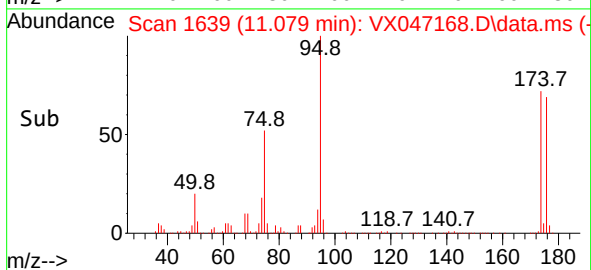
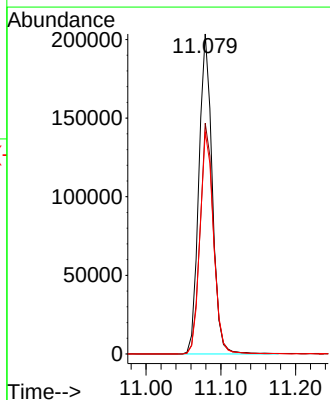
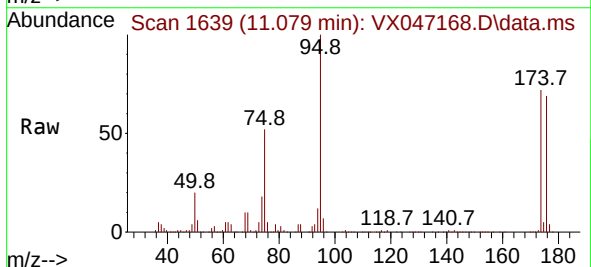
Manual Integrations
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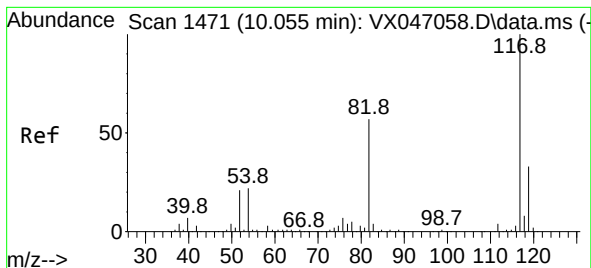
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#62
4-Bromofluorobenzene
Concen: 50.047 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

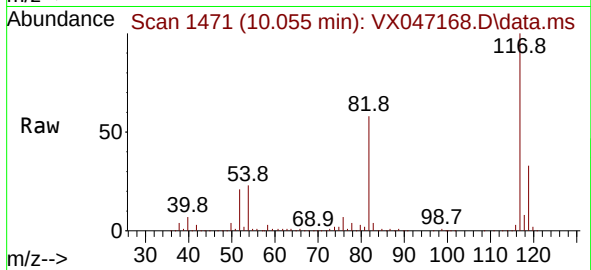
Tgt Ion: 95 Resp: 252375
Ion Ratio Lower Upper
95 100
174 72.5 0.0 144.6
176 70.7 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11

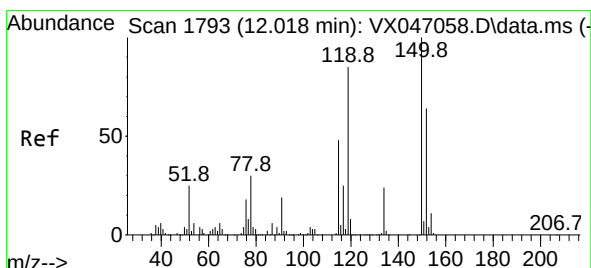
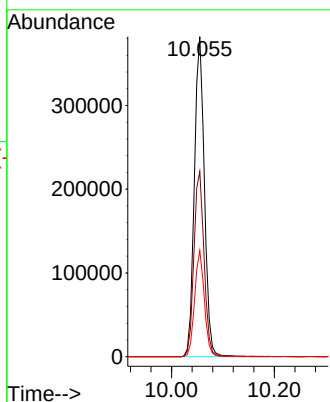
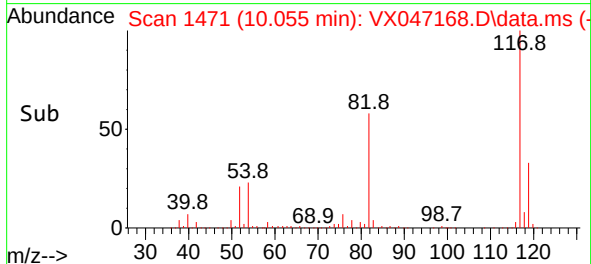
Instrument :
MSVOA_X
ClientSampleId :
TP-4



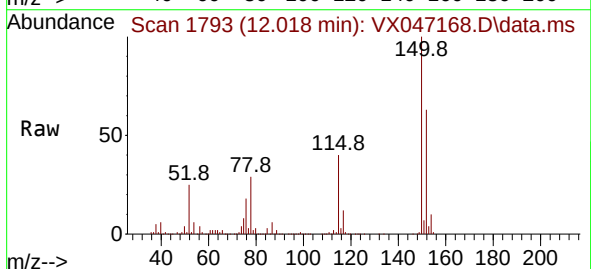
Tgt Ion:117 Resp: 520279
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.2
119 33.2 26.1 39.1

Manual Integrations
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Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047168.D
Acq: 28 Jul 2025 16:11



Tgt Ion:152 Resp: 264253
Ion Ratio Lower Upper
152 100
115 62.7 45.6 136.7
150 159.4 0.0 354.6

