

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080625\
 Data File : VX047246.D
 Acq On : 06 Aug 2025 14:51
 Operator : JC/MD
 Sample : Q2780-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Quant Time: Aug 07 01:18:28 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 08/07/2025
 Supervised By : Mahesh Dadoda 08/07/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	274014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	465715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	407634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	211138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	169555	49.674	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.340%			
35) Dibromofluoromethane	5.391	113	144521	50.260	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.520%			
50) Toluene-d8	8.647	98	423681	45.498	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.000%#			
62) 4-Bromofluorobenzene	11.079	95	202423	50.441	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.880%			
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	61163	44.730	ug/l	98
18) Methyl Acetate	2.715	43	26924	7.409	ug/l	99
20) Methylene Chloride	2.800	84	21890	5.819	ug/l	98
25) 2-Butanone	4.587	43	12062m	6.058	ug/l	
37) Ethyl Acetate	4.733	43	17216m	3.812	ug/l	
43) Isopropyl Acetate	6.348	43	12231	1.737	ug/l	95

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

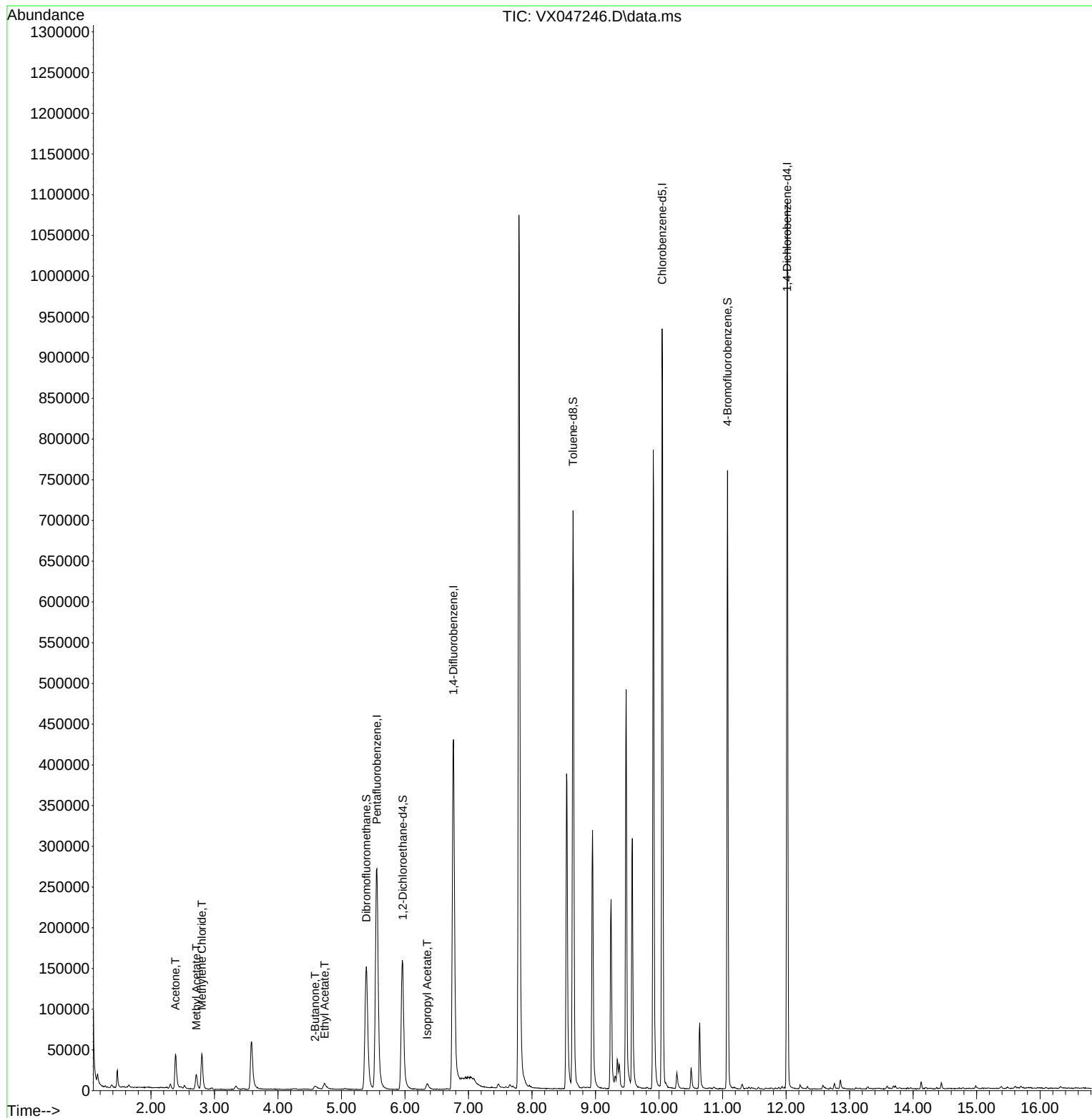
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080625\
Data File : VX047246.D
Acq On : 06 Aug 2025 14:51
Operator : JC/MD
Sample : Q2780-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

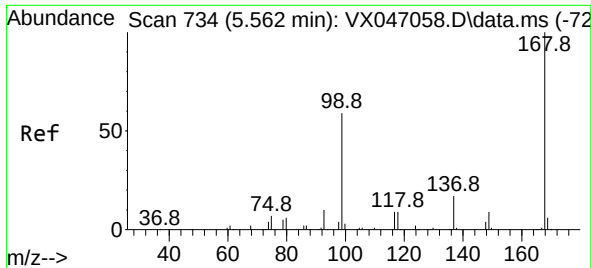
Instrument :
MSVOA_X
ClientSampleId :
TP-3

Quant Time: Aug 07 01:18:28 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

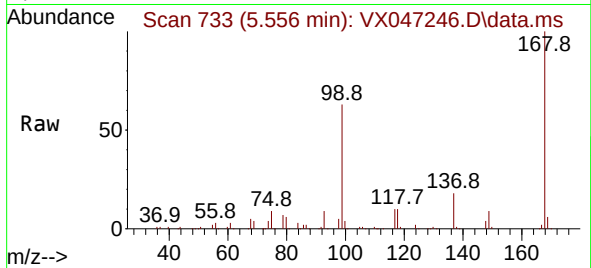
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.006 min
Lab File: VX047246.D
Acq: 06 Aug 2025 14:51

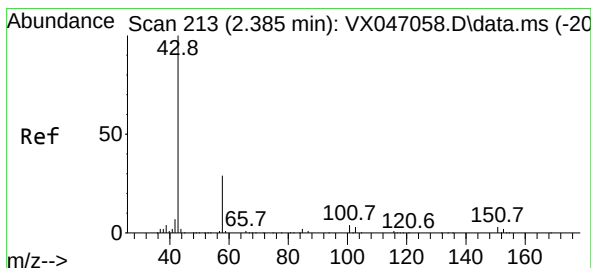
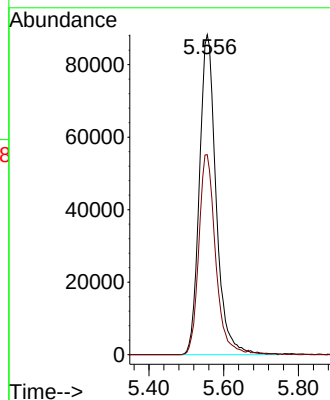
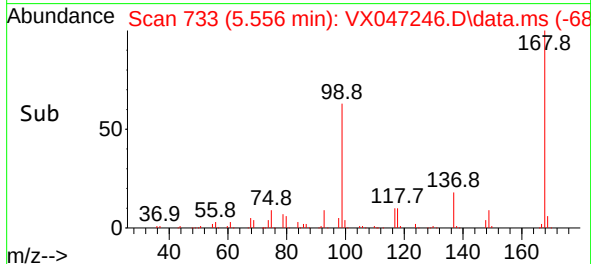
Instrument :
MSVOA_X
ClientSampleId :
TP-3



Tgt Ion:168 Resp: 274014
Ion Ratio Lower Upper
168 100
99 62.5 48.0 72.0

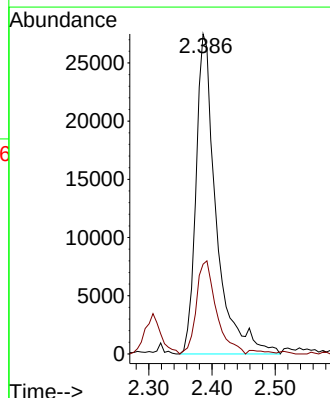
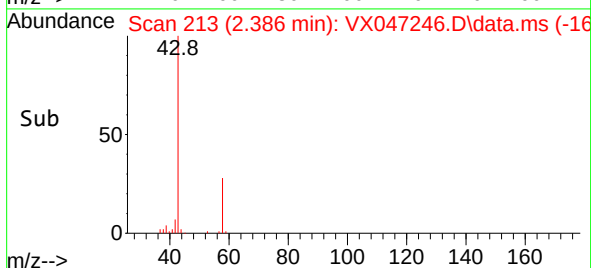
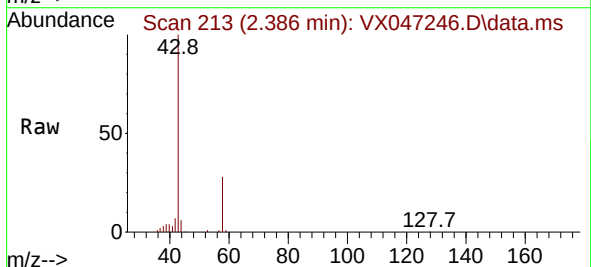
Manual Integrations
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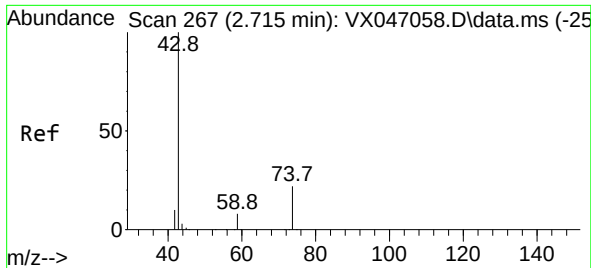
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#16
Acetone
Concen: 44.730 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047246.D
Acq: 06 Aug 2025 14:51

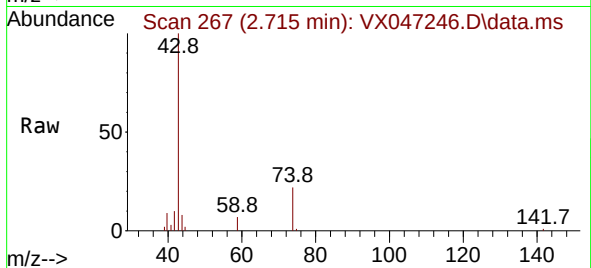
Tgt Ion: 43 Resp: 61163
Ion Ratio Lower Upper
43 100
58 28.7 24.0 36.0





#18
Methyl Acetate
Concen: 7.409 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047246.D
Acq: 06 Aug 2025 14:51

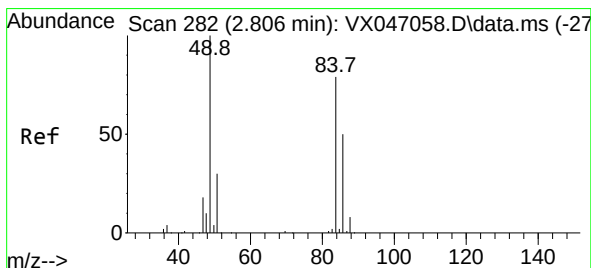
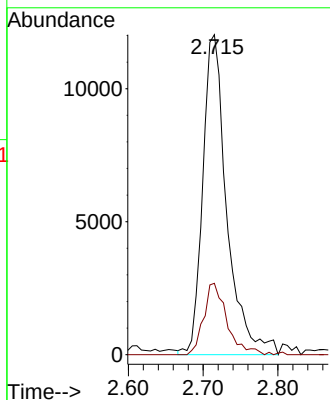
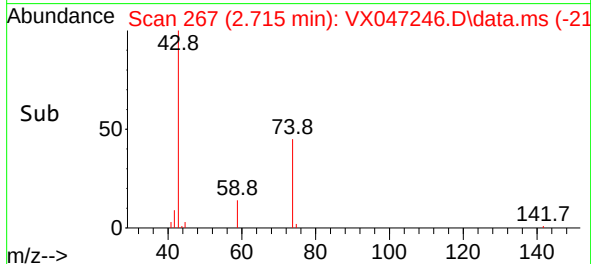
Instrument :
MSVOA_X
ClientSampleId :
TP-3



Tgt Ion: 43 Resp: 26924
Ion Ratio Lower Upper
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74 21.4 17.7 26.5

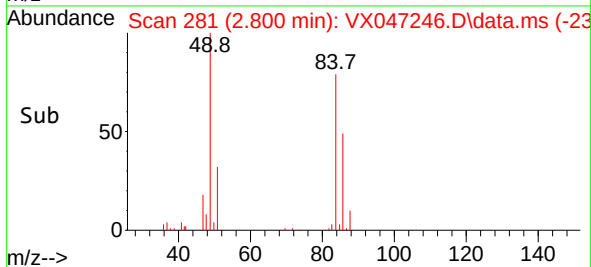
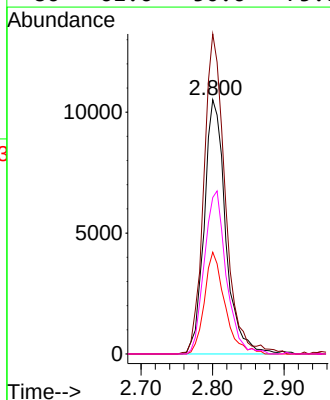
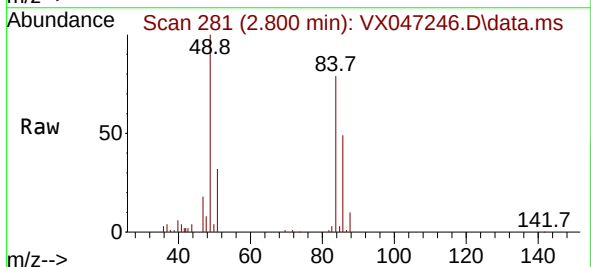
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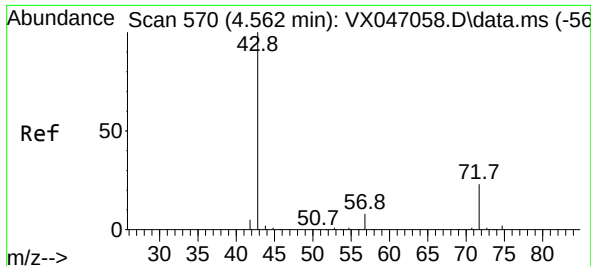
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#20
Methylene Chloride
Concen: 5.819 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047246.D
Acq: 06 Aug 2025 14:51

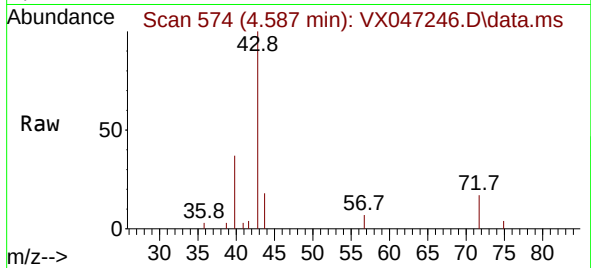
Tgt Ion: 84 Resp: 21890
Ion Ratio Lower Upper
84 100
49 125.9 101.6 152.4
51 40.0 30.3 45.5
86 61.6 50.6 75.8





#25
2-Butanone
Concen: 6.058 ug/l m
RT: 4.587 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX047246.D
Acq: 06 Aug 2025 14:51

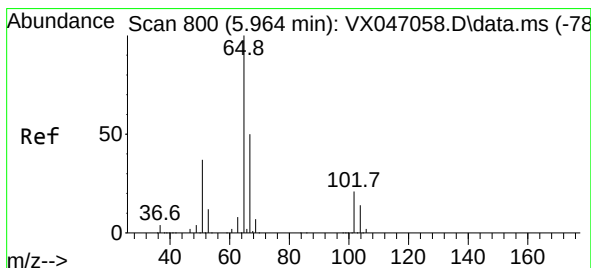
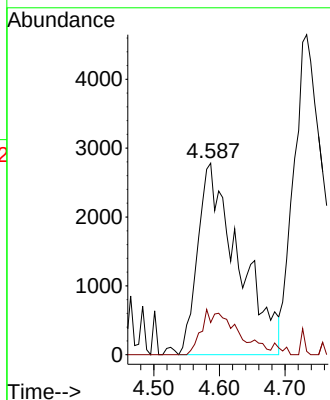
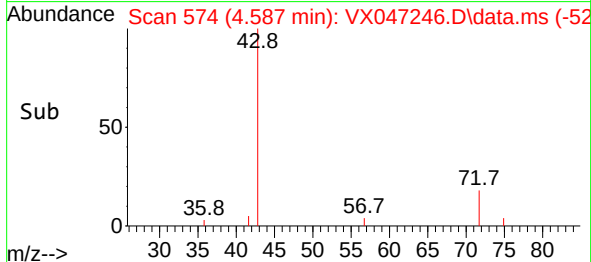
Instrument :
MSVOA_X
ClientSampleId :
TP-3



Tgt Ion: 43 Resp: 12062
Ion Ratio Lower Upper
43 100
72 16.8 18.8 28.2

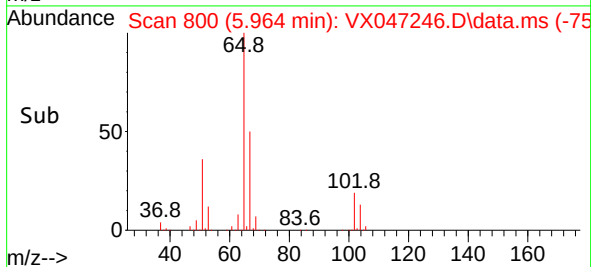
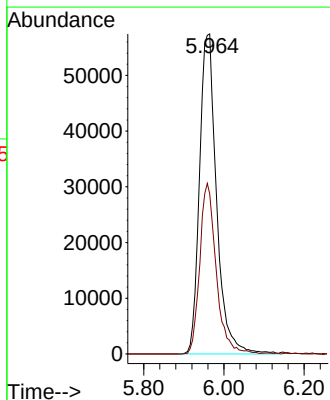
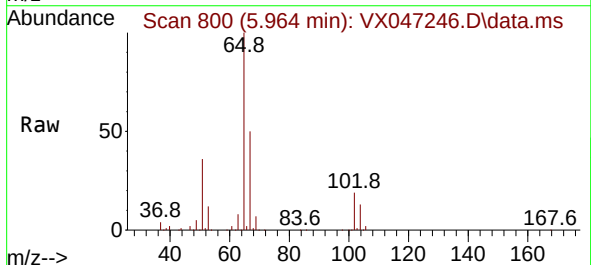
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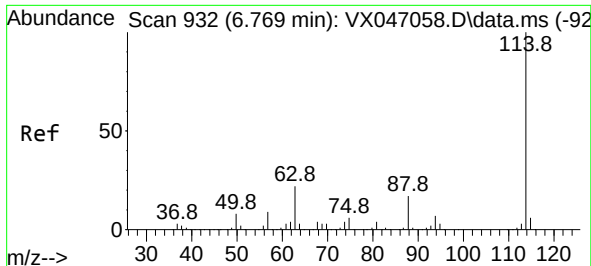
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#33
1,2-Dichloroethane-d4
Concen: 49.674 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047246.D
Acq: 06 Aug 2025 14:51

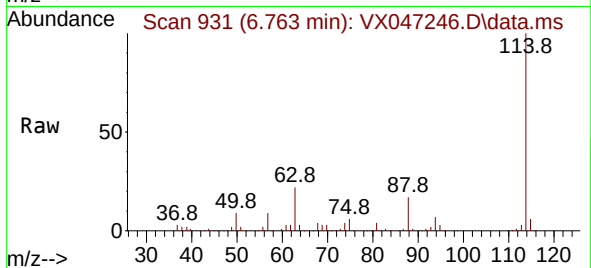
Tgt Ion: 65 Resp: 169555
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX047246.D
Acq: 06 Aug 2025 14:51

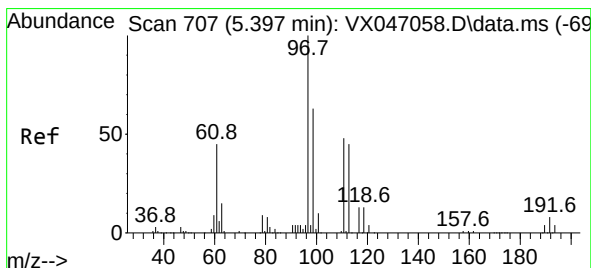
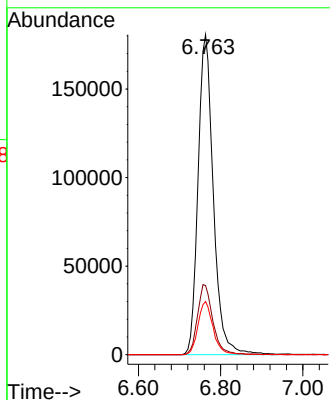
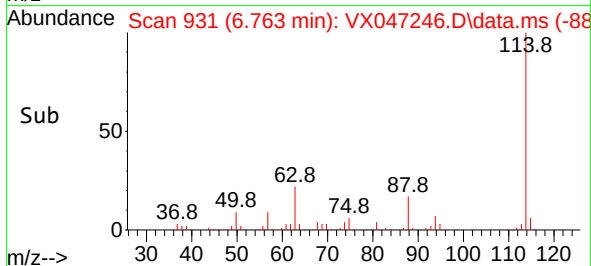
Instrument :
MSVOA_X
ClientSampleId :
TP-3



Tgt Ion:114 Resp: 465715
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 16.6 0.0 33.8

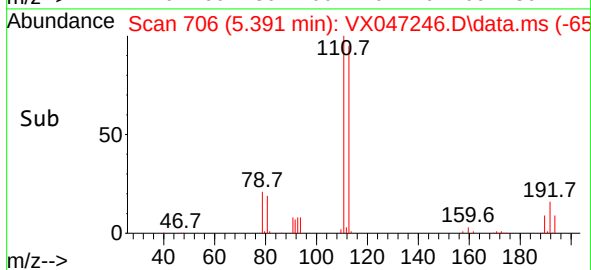
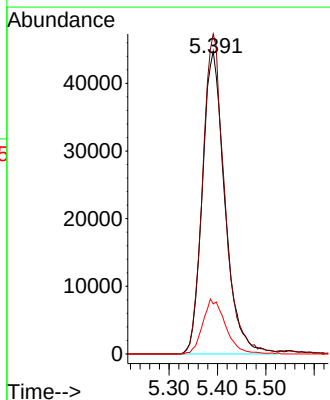
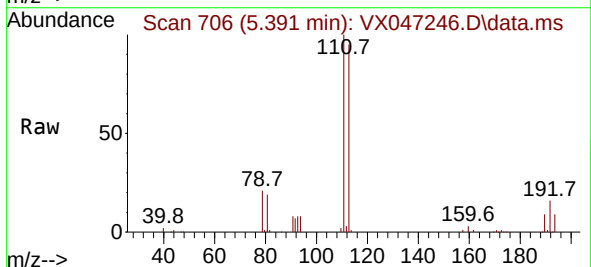
Manual Integrations
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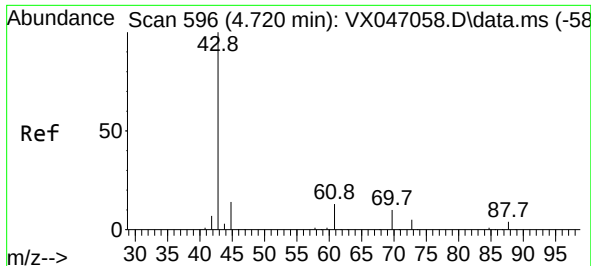
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#35
Dibromofluoromethane
Concen: 50.260 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047246.D
Acq: 06 Aug 2025 14:51

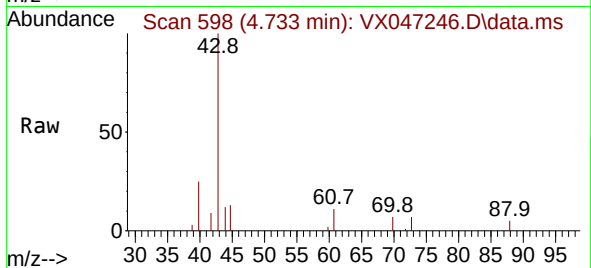
Tgt Ion:113 Resp: 144521
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.4 14.9 22.3





#37
Ethyl Acetate
Concen: 3.812 ug/l m
RT: 4.733 min Scan# 596
Delta R.T. 0.013 min
Lab File: VX047246.D
Acq: 06 Aug 2025 14:51

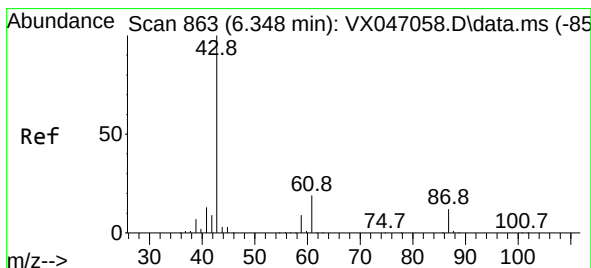
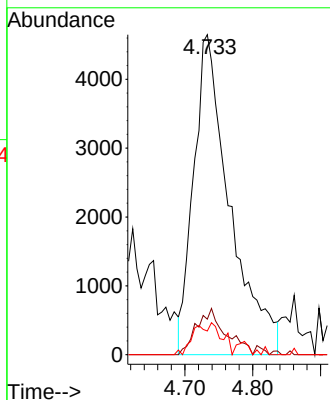
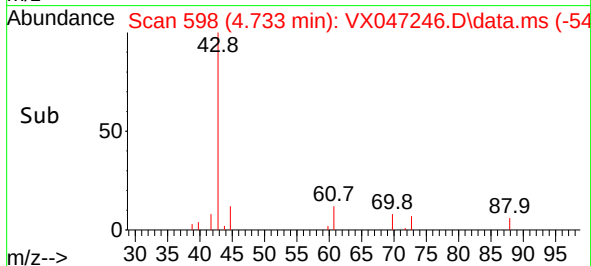
Instrument :
MSVOA_X
ClientSampleId :
TP-3



Tgt Ion: 43 Resp: 17210
Ion Ratio Lower Upper
43 100
61 11.6 10.2 15.2
70 4.1 8.1 12.1

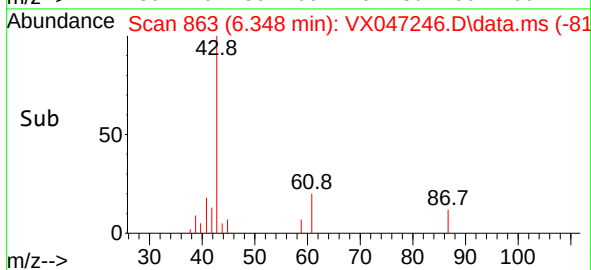
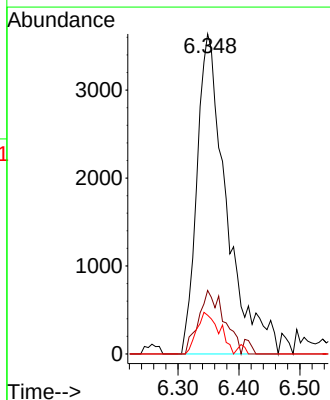
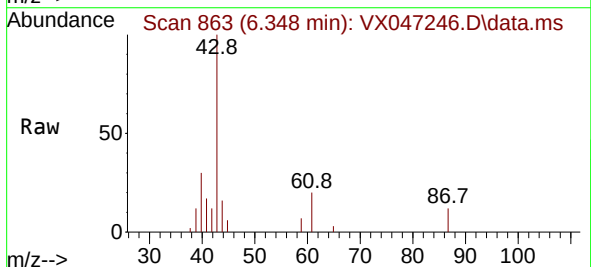
Manual Integrations
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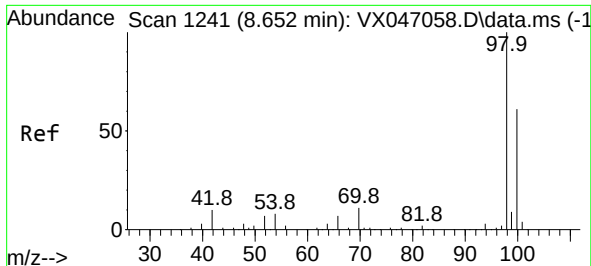
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#43
Isopropyl Acetate
Concen: 1.737 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047246.D
Acq: 06 Aug 2025 14:51

Tgt Ion: 43 Resp: 12231
Ion Ratio Lower Upper
43 100
61 17.2 15.1 22.7
87 9.8 9.7 14.5





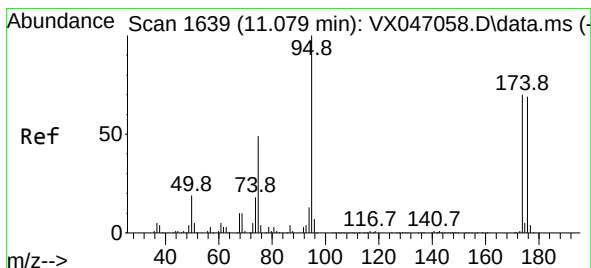
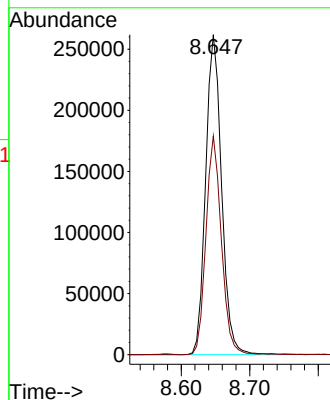
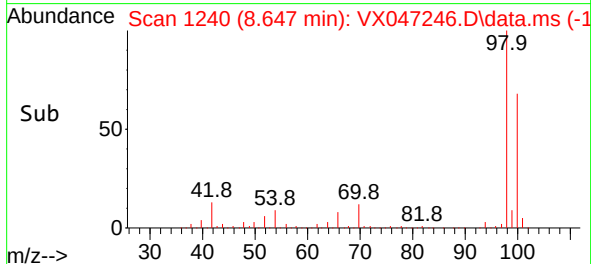
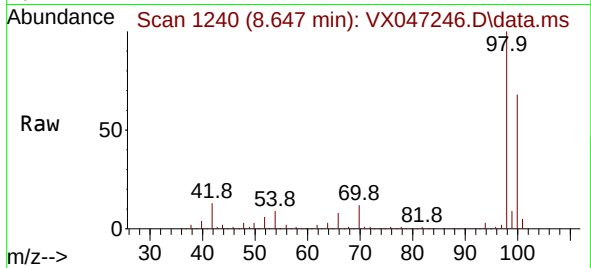
#50
Toluene-d8
Concen: 45.498 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047246.D
Acq: 06 Aug 2025 14:51

Instrument :
MSVOA_X
ClientSampleId :
TP-3

Tgt Ion: 98 Resp: 42368
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9

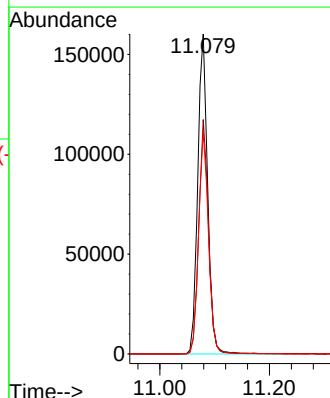
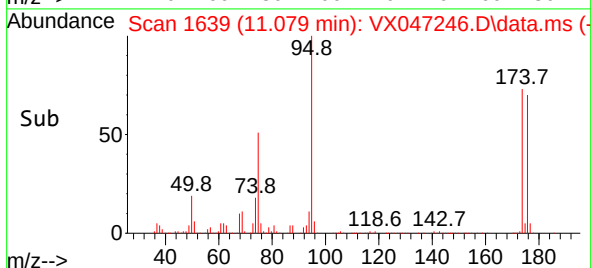
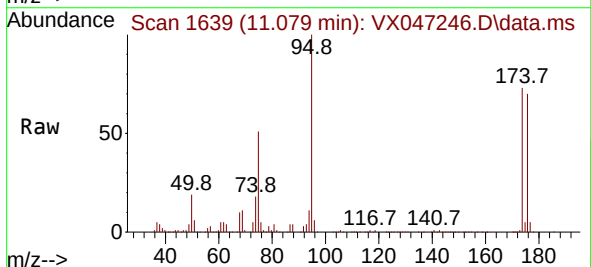
Manual Integrations
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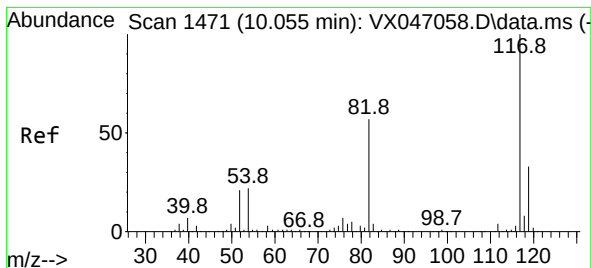
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#62
4-Bromofluorobenzene
Concen: 50.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047246.D
Acq: 06 Aug 2025 14:51

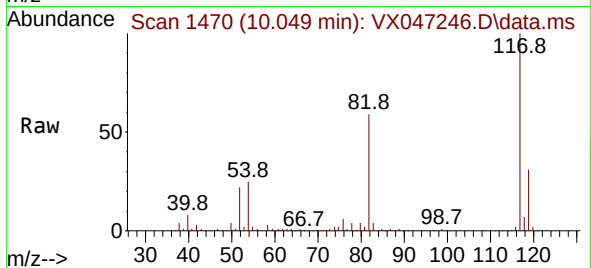
Tgt Ion: 95 Resp: 202423
Ion Ratio Lower Upper
95 100
174 72.1 0.0 144.6
176 69.5 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047246.D
Acq: 06 Aug 2025 14:51

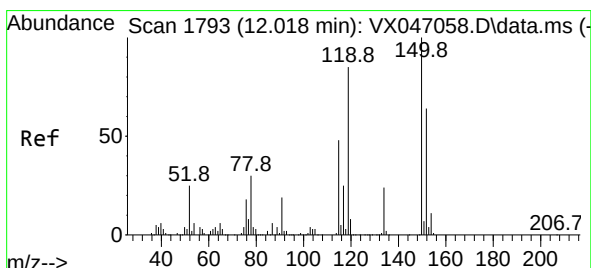
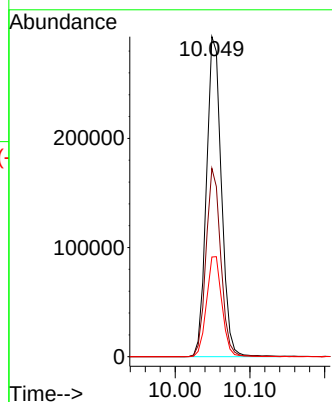
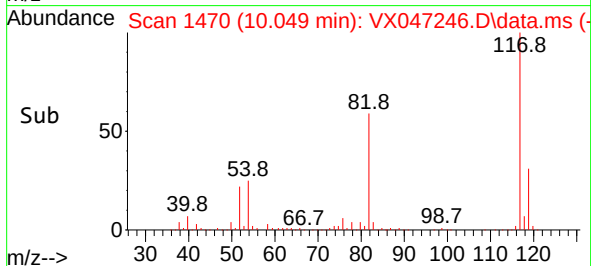
Instrument :
MSVOA_X
ClientSampleId :
TP-3



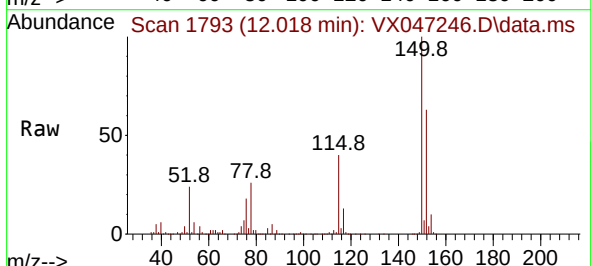
Tgt Ion:117 Resp: 407634
Ion Ratio Lower Upper
117 100
82 58.9 45.4 68.2
119 31.1 26.1 39.1

Manual Integrations
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Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047246.D
Acq: 06 Aug 2025 14:51



Tgt Ion:152 Resp: 211138
Ion Ratio Lower Upper
152 100
115 62.6 45.6 136.7
150 158.0 0.0 354.6

