

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047269.D
 Acq On : 08 Aug 2025 14:27
 Operator : JC/MD
 Sample : Q2779-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-4

Quant Time: Aug 11 02:00:50 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 08/12/2025
 Supervised By : Mahesh Dadoda 08/12/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	236143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	410031	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	189036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	144441	49.103	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.200%		
35) Dibromofluoromethane	5.397	113	122830	48.517	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.040%		
50) Toluene-d8	8.653	98	362398	44.202	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.400%#		
62) 4-Bromofluorobenzene	11.079	95	173671	49.154	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.300%		
Target Compounds						
16) Acetone	2.392	43	76916	65.271	ug/l	97
18) Methyl Acetate	2.715	43	26553	8.479	ug/l	100
20) Methylene Chloride	2.806	84	16728	5.160	ug/l	97
25) 2-Butanone	4.587	43	16009	9.330	ug/l	94
37) Ethyl Acetate	4.733	43	17067m	4.292	ug/l	
43) Isopropyl Acetate	6.367	43	11984	1.933	ug/l	97

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

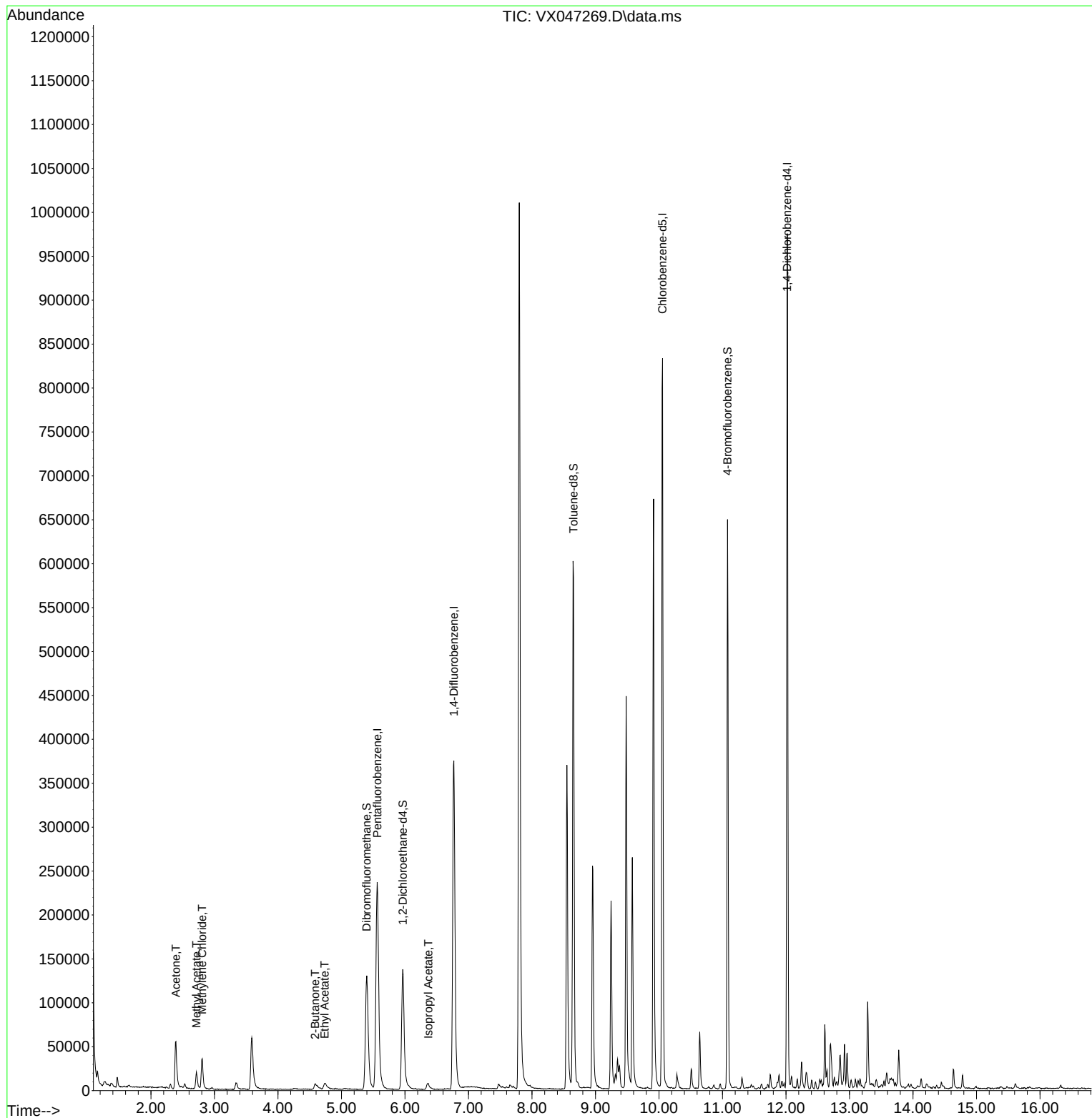
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047269.D
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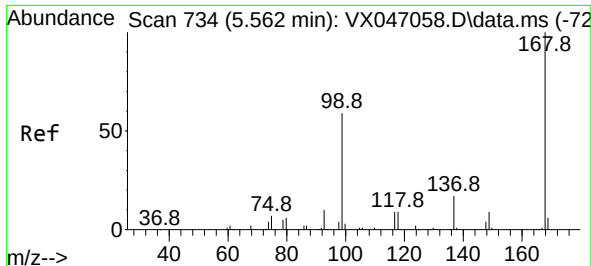
Instrument :
MSVOA_X
ClientSampleId :
TP-4

Quant Time: Aug 11 02:00:50 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
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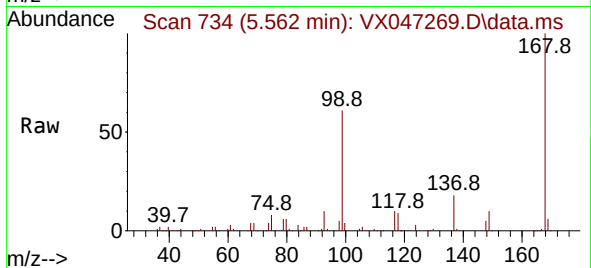
Reviewed By : John Carlone 08/12/2025
Supervised By : Mahesh Dadoda 08/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047269.D
Acq: 08 Aug 2025 14:27

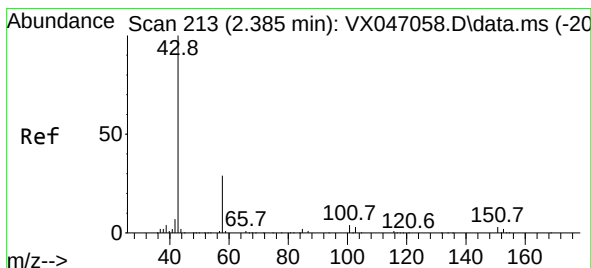
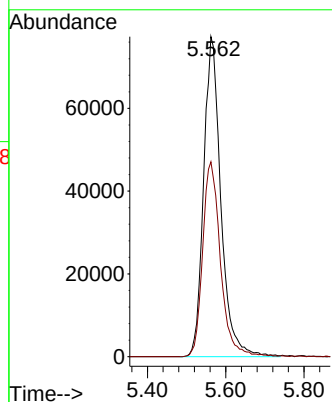
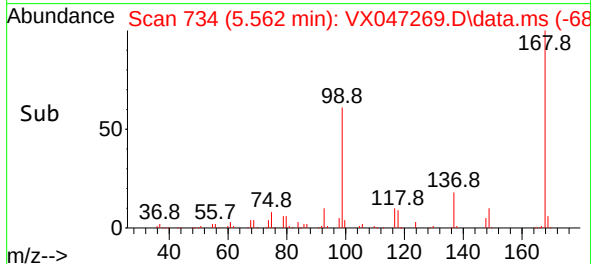
Instrument :
MSVOA_X
ClientSampleId :
TP-4



Tgt Ion:168 Resp: 23614
Ion Ratio Lower Upper
168 100
99 60.9 48.0 72.0

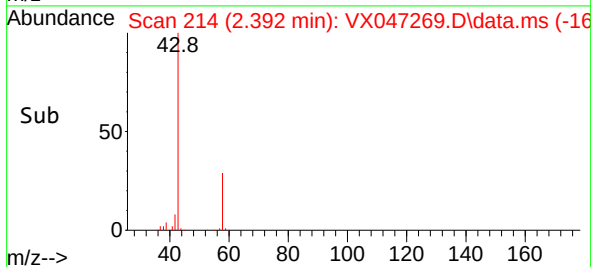
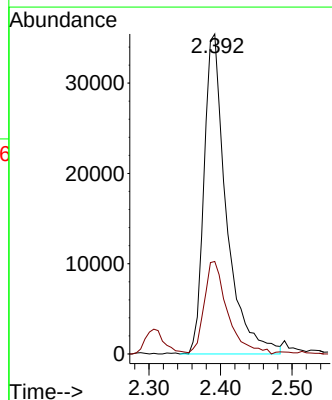
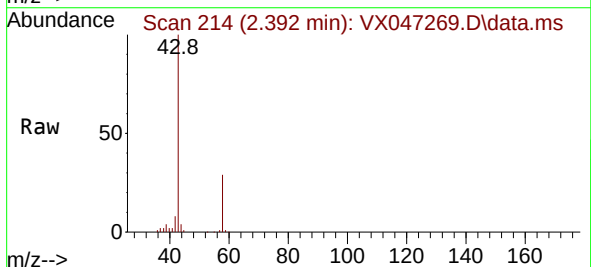
Manual Integrations
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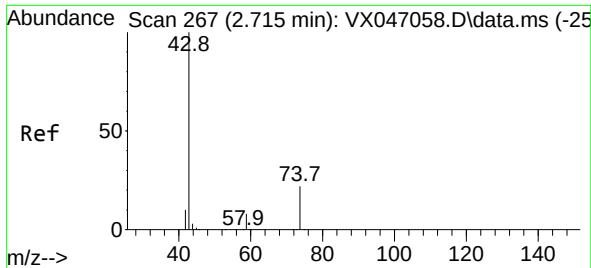
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#16
Acetone
Concen: 65.271 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047269.D
Acq: 08 Aug 2025 14:27

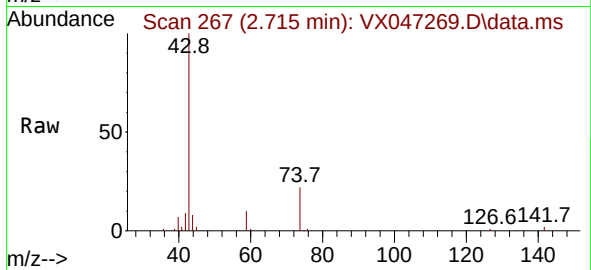
Tgt Ion: 43 Resp: 76916
Ion Ratio Lower Upper
43 100
58 28.3 24.0 36.0





#18
Methyl Acetate
Concen: 8.479 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047269.D
Acq: 08 Aug 2025 14:27

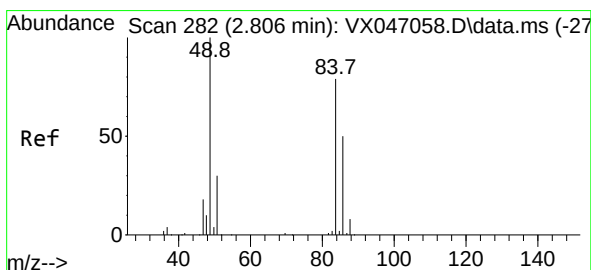
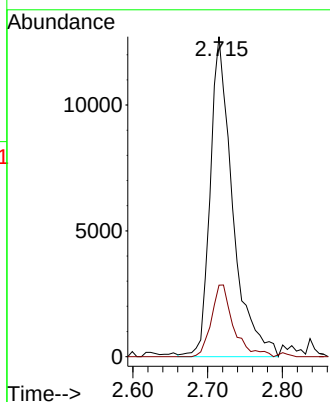
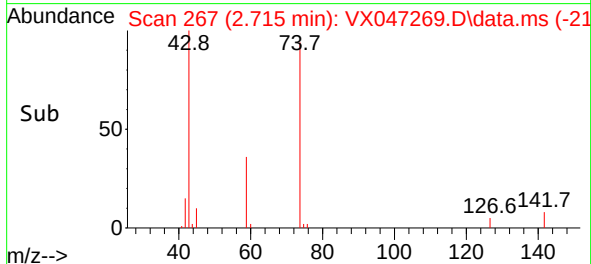
Instrument :
MSVOA_X
ClientSampleId :
TP-4



Tgt Ion: 43 Resp: 2655
Ion Ratio Lower Upper
43 100
74 22.0 17.7 26.5

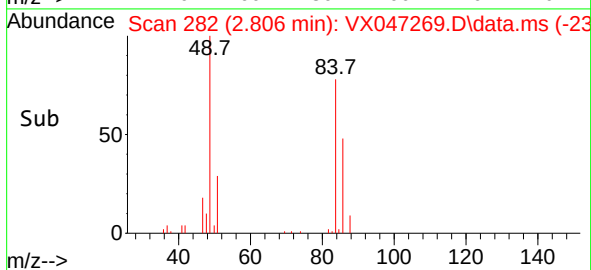
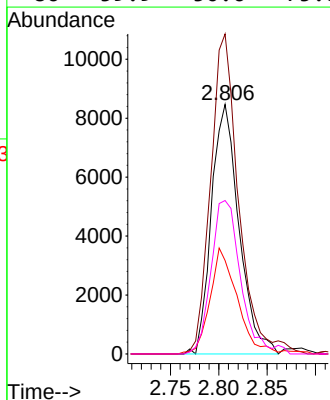
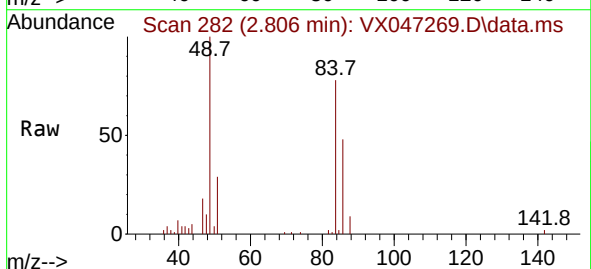
Manual Integrations
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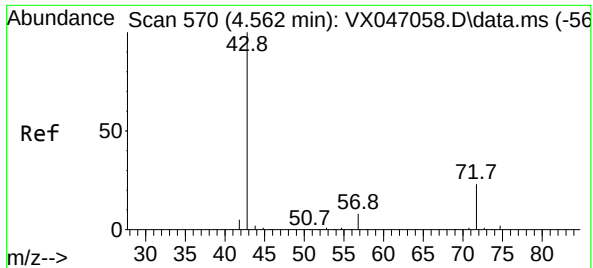
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#20
Methylene Chloride
Concen: 5.160 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047269.D
Acq: 08 Aug 2025 14:27

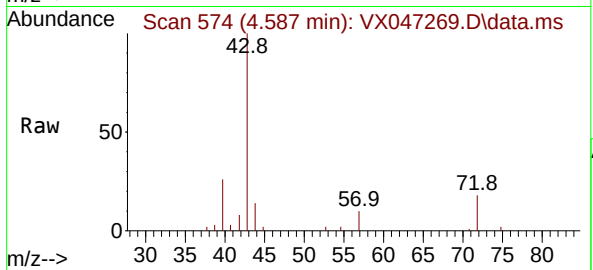
Tgt Ion: 84 Resp: 16728
Ion Ratio Lower Upper
84 100
49 124.9 101.6 152.4
51 36.5 30.3 45.5
86 59.9 50.6 75.8





#25
2-Butanone
Concen: 9.330 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX047269.D
Acq: 08 Aug 2025 14:27

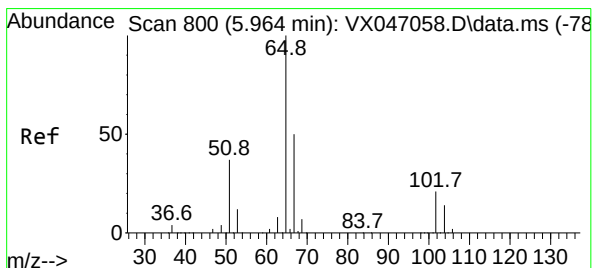
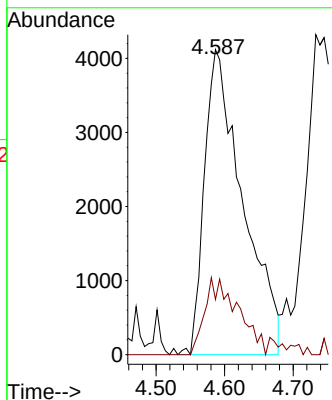
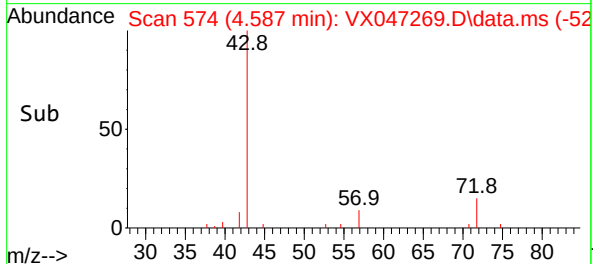
Instrument :
MSVOA_X
ClientSampleId :
TP-4



Tgt Ion: 43 Resp: 16009
Ion Ratio Lower Upper
43 100
72 20.5 18.8 28.2

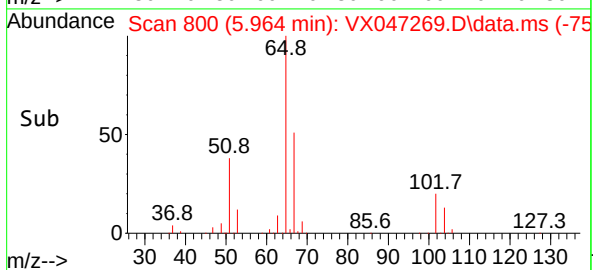
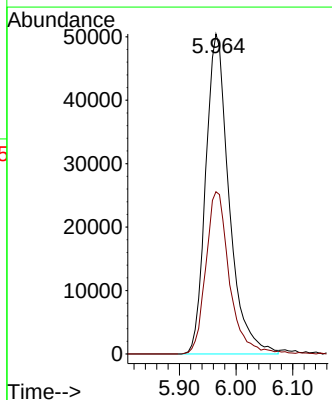
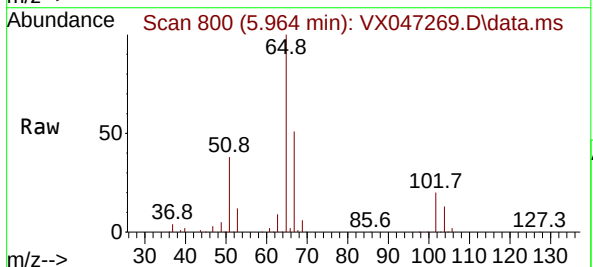
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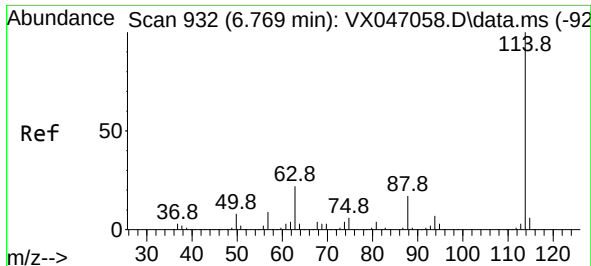
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#33
1,2-Dichloroethane-d4
Concen: 49.103 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047269.D
Acq: 08 Aug 2025 14:27

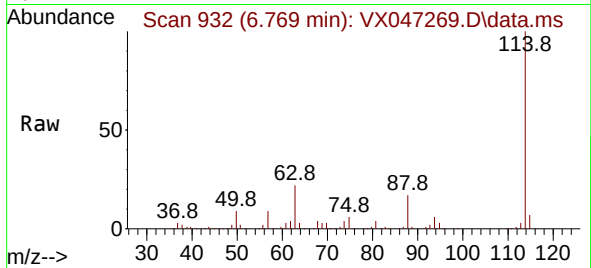
Tgt Ion: 65 Resp: 144441
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047269.D
Acq: 08 Aug 2025 14:27

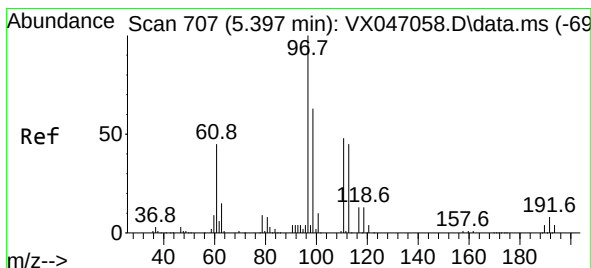
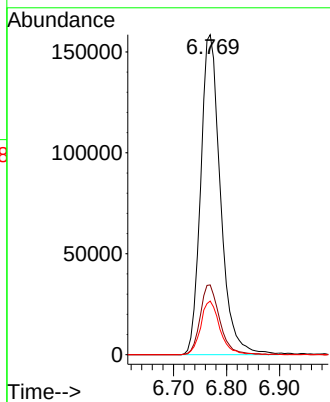
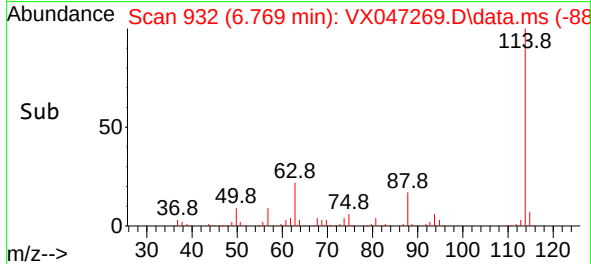
Instrument :
MSVOA_X
ClientSampleId :
TP-4



Tgt Ion:114 Resp: 41003
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.2
88 16.8 0.0 33.8

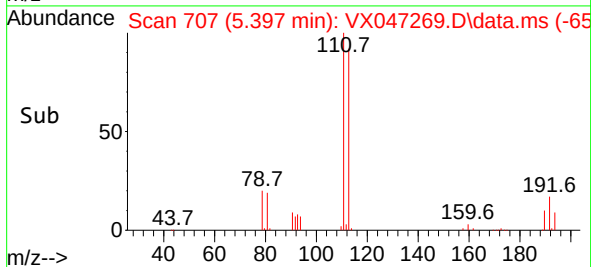
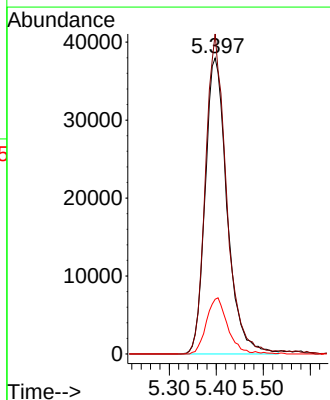
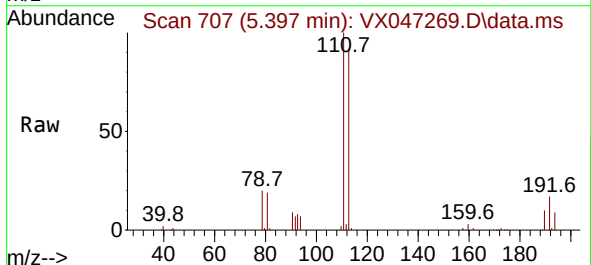
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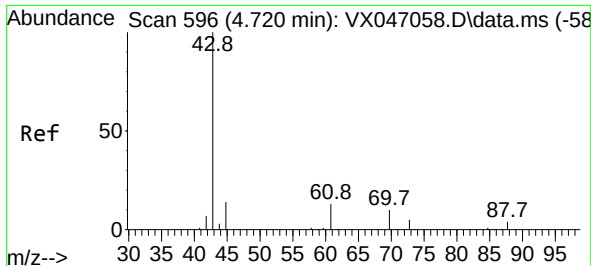
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#35
Dibromofluoromethane
Concen: 48.517 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047269.D
Acq: 08 Aug 2025 14:27

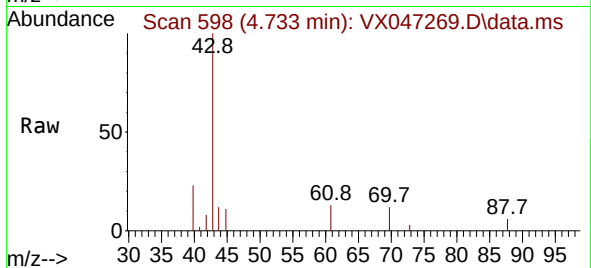
Tgt Ion:113 Resp: 122830
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 18.2 14.9 22.3





#37
Ethyl Acetate
Concen: 4.292 ug/l m
RT: 4.733 min Scan# 596
Delta R.T. 0.013 min
Lab File: VX047269.D
Acq: 08 Aug 2025 14:27

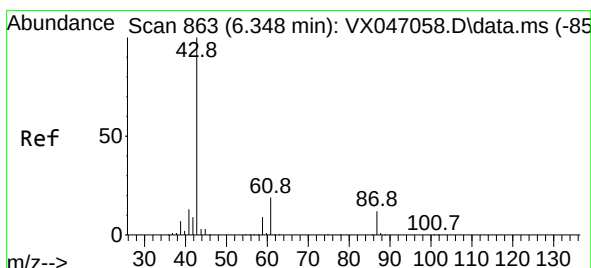
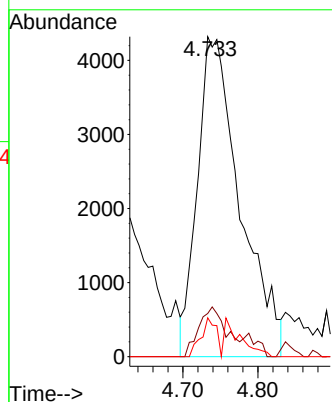
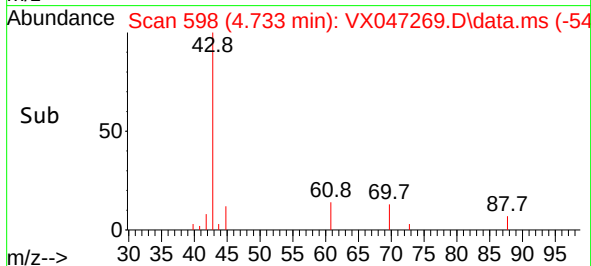
Instrument :
MSVOA_X
ClientSampleId :
TP-4



Tgt Ion: 43 Resp: 1706
Ion Ratio Lower Upper
43 100
61 10.1 10.2 15.2
70 4.4 8.1 12.1

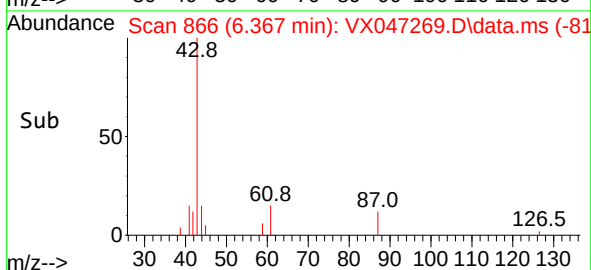
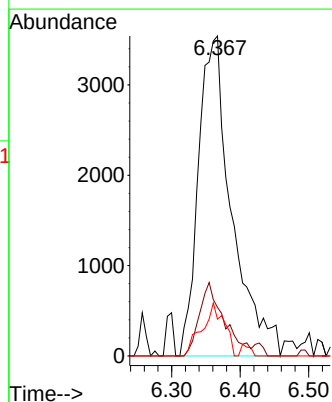
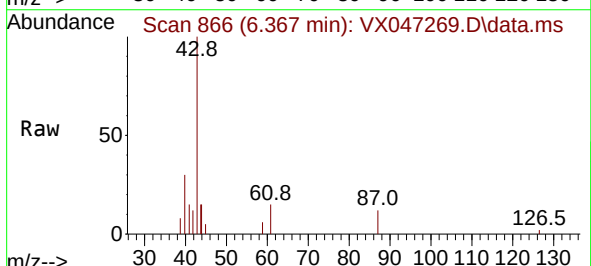
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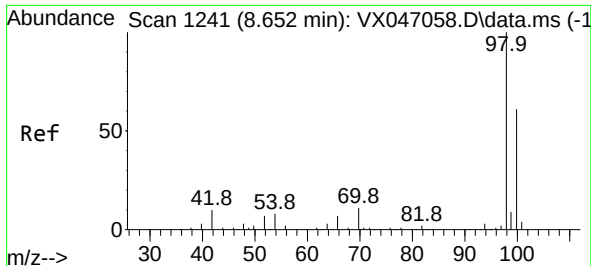
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#43
Isopropyl Acetate
Concen: 1.933 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.019 min
Lab File: VX047269.D
Acq: 08 Aug 2025 14:27

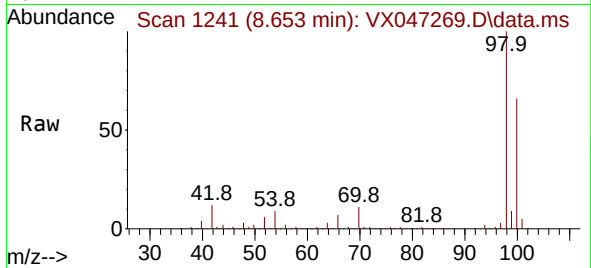
Tgt Ion: 43 Resp: 11984
Ion Ratio Lower Upper
43 100
61 17.1 15.1 22.7
87 11.0 9.7 14.5





#50
Toluene-d8
Concen: 44.202 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047269.D
Acq: 08 Aug 2025 14:27

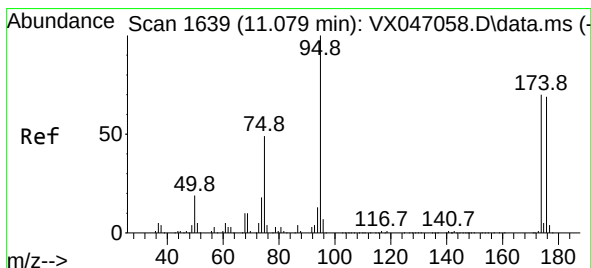
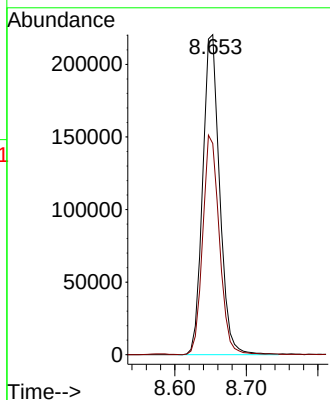
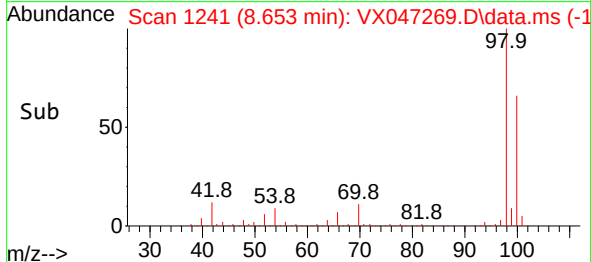
Instrument :
MSVOA_X
ClientSampleId :
TP-4



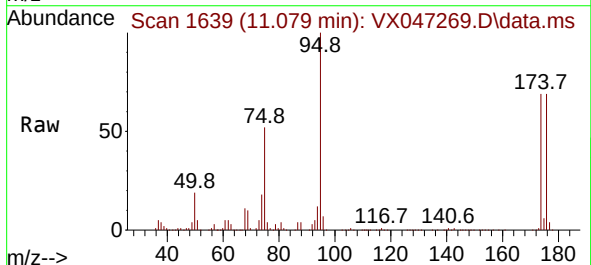
Tgt Ion: 98 Resp: 362398
Ion Ratio Lower Upper
98 100
100 67.6 53.3 79.9

Manual Integrations
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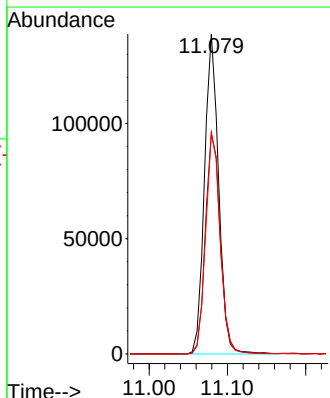
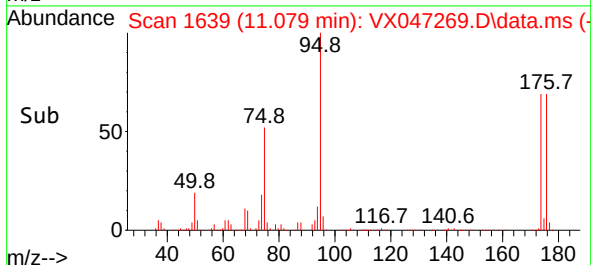
Reviewed By :John Carlone 08/12/2025
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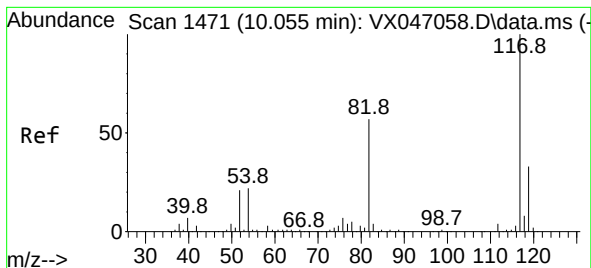


#62
4-Bromofluorobenzene
Concen: 49.154 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047269.D
Acq: 08 Aug 2025 14:27



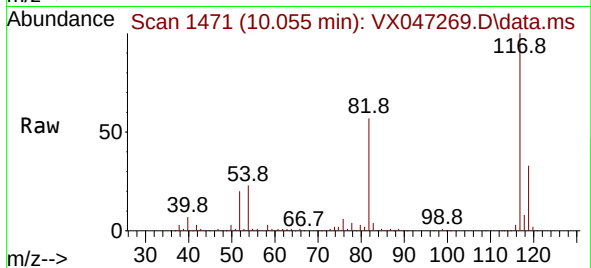
Tgt Ion: 95 Resp: 173671
Ion Ratio Lower Upper
95 100
174 72.6 0.0 144.6
176 70.5 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047269.D
Acq: 08 Aug 2025 14:27

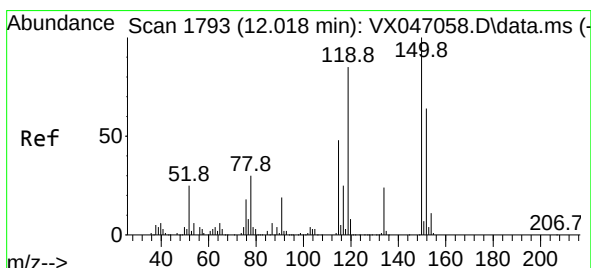
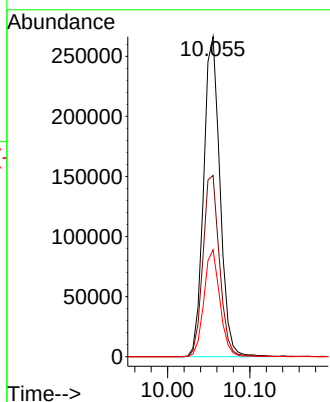
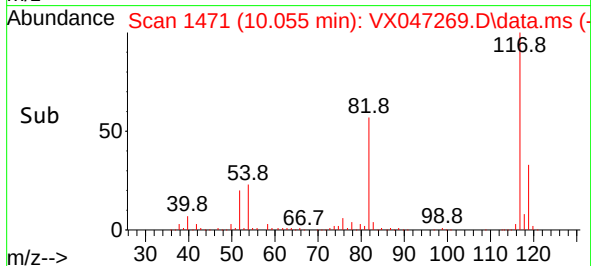
Instrument :
MSVOA_X
ClientSampleId :
TP-4



Tgt Ion:117 Resp: 368189
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 33.4 26.1 39.1

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Supervised By :Mahesh Dadoda 08/12/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047269.D
Acq: 08 Aug 2025 14:27

Tgt Ion:152 Resp: 189036
Ion Ratio Lower Upper
152 100
115 62.7 45.6 136.7
150 159.6 0.0 354.6

