

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047396.D
 Acq On : 18 Aug 2025 20:14
 Operator : JC/MD
 Sample : Q2884-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 302

Quant Time: Aug 20 05:32:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/19/2025
 Supervised By :Semsettin Yesilyurt 08/21/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	261071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	511761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	509303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	232138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	194854	53.330	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.660%			
35) Dibromofluoromethane	5.403	113	162889	49.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.080%			
50) Toluene-d8	8.652	98	605233	50.982	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.960%			
62) 4-Bromofluorobenzene	11.079	95	208157	47.516	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.040%			
Target Compounds					Qvalue	
16) Acetone	2.391	43	14070022	10244.787	ug/l	95
18) Methyl Acetate	2.721	43	47497	13.346	ug/l #	77
20) Methylene Chloride	2.806	84	39558	10.877	ug/l	96
25) 2-Butanone	4.574	43	52656	29.275	ug/l	91
51) 4-Methyl-2-Pentanone	8.573	43	96864m	21.526	ug/l	
52) Toluene	8.720	92	51446	5.305	ug/l	100
67) Ethyl Benzene	10.195	91	6246729	299.876	ug/l	97
68) m/p-Xylenes	10.305	106	7391131	951.558	ug/l	87
69) o-Xylene	10.646	106	2620126	350.525	ug/l	97
73) Isopropylbenzene	10.963	105	21038	1.158	ug/l	98
84) 1,2,4-Trimethylbenzene	11.749	105	21600	1.445	ug/l	97

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

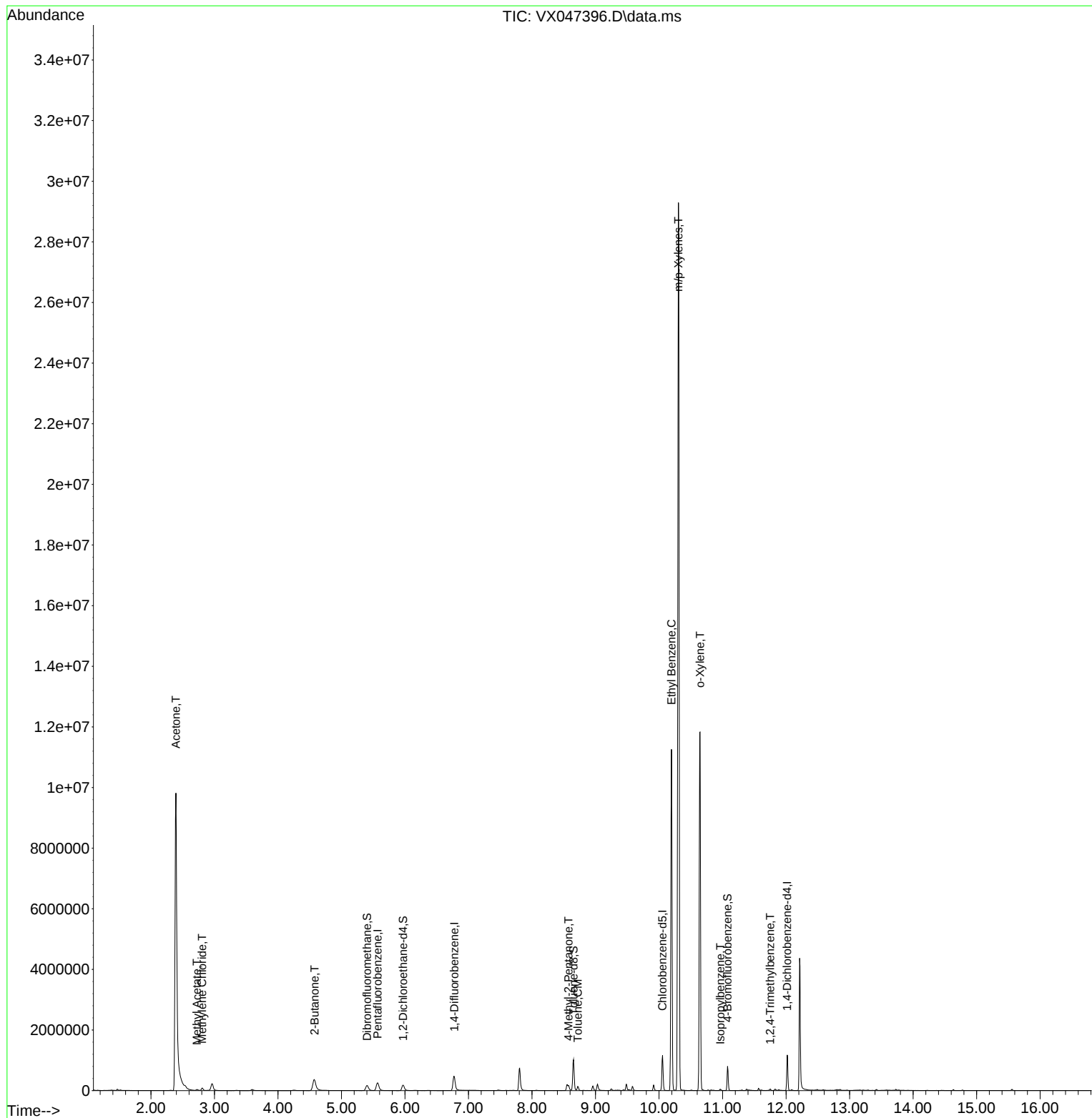
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047396.D
Acq On : 18 Aug 2025 20:14
Operator : JC/MD
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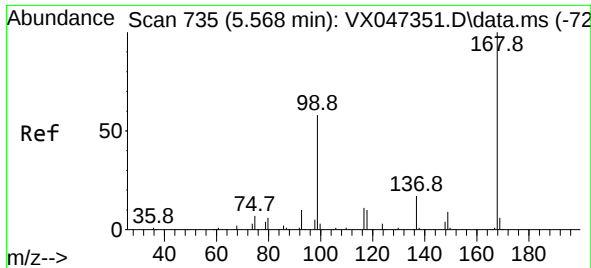
Instrument :
MSVOA_X
ClientSampleId :
302

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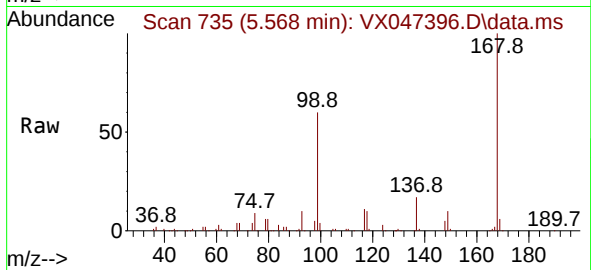
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

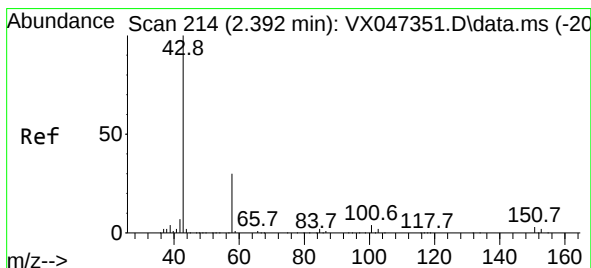
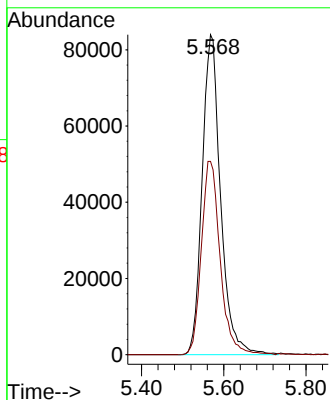
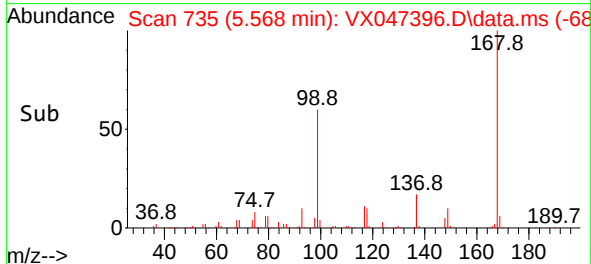
Instrument :
MSVOA_X
ClientSampleId :
302



Tgt Ion:168 Resp: 26107
Ion Ratio Lower Upper
168 100
99 60.4 47.9 71.9

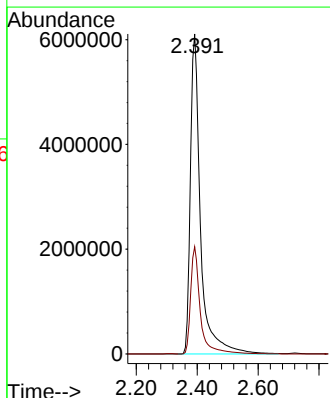
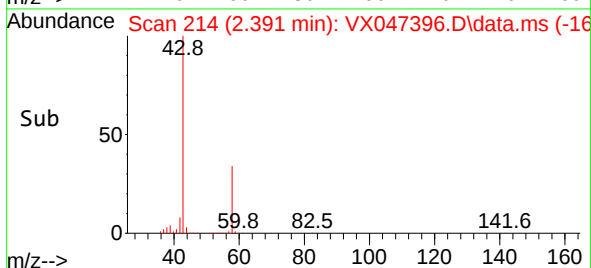
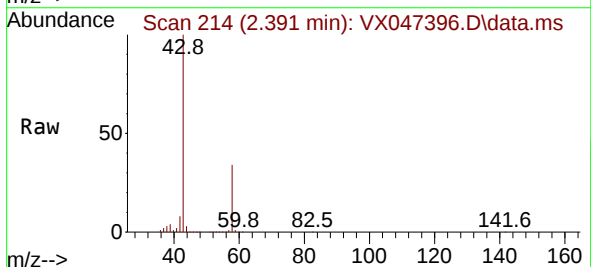
Manual Integrations
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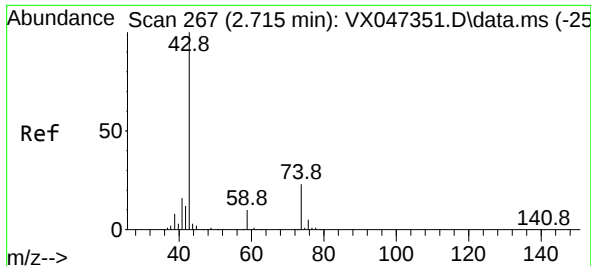
Reviewed By :John Carlone 08/19/2025
Supervised By :Semsettin Yesilyurt 08/21/2025



#16
Acetone
Concen: 10244.787 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

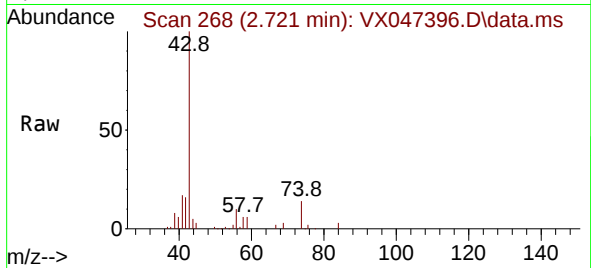
Tgt Ion: 43 Resp:14070022
Ion Ratio Lower Upper
43 100
58 33.5 24.8 37.2





#18
Methyl Acetate
Concen: 13.346 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

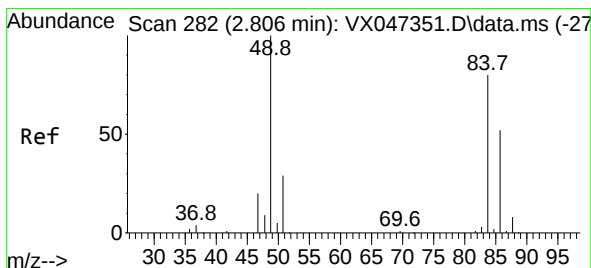
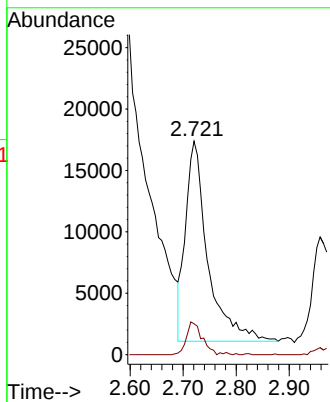
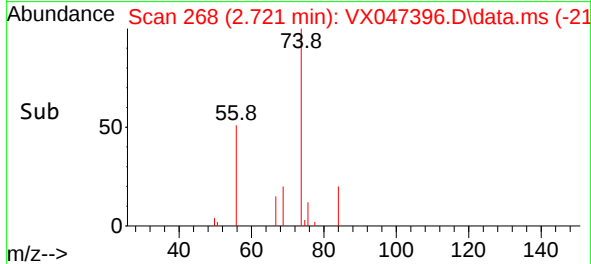
Instrument :
MSVOA_X
ClientSampleId :
302



Tgt Ion: 43 Resp: 4749
Ion Ratio Lower Upper
43 100
74 11.6 18.4 27.6

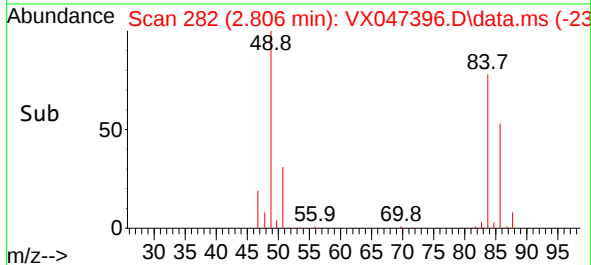
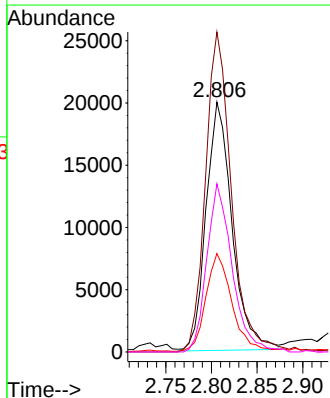
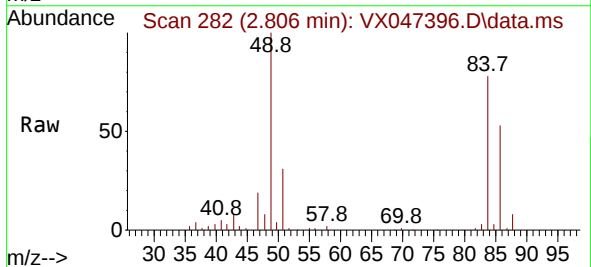
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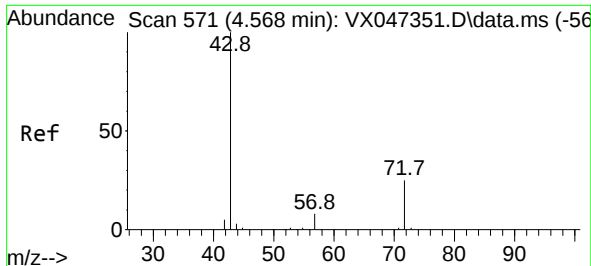
Reviewed By :John Carlone 08/19/2025
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#20
Methylene Chloride
Concen: 10.877 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

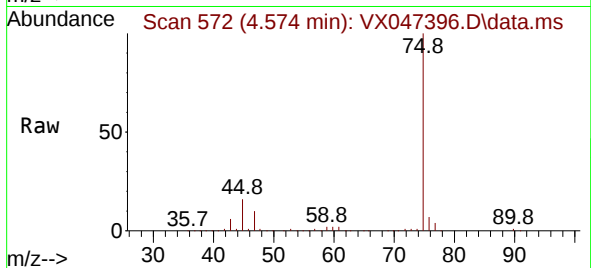
Tgt Ion: 84 Resp: 39558
Ion Ratio Lower Upper
84 100
49 129.4 100.1 150.1
51 39.4 29.5 44.3
86 68.0 51.8 77.8





#25
2-Butanone
Concen: 29.275 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

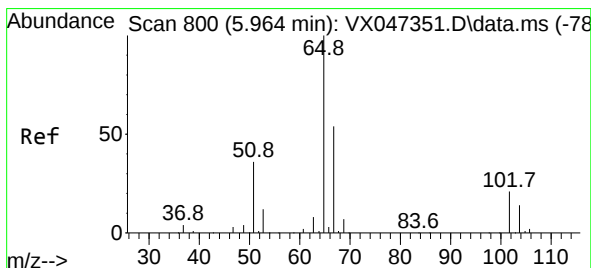
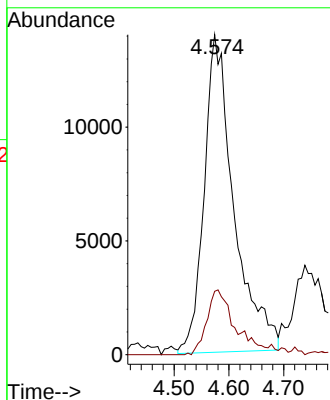
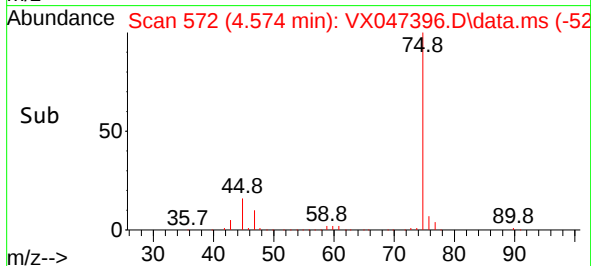
Instrument :
MSVOA_X
ClientSampleId :
302



Tgt Ion: 43 Resp: 52650
Ion Ratio Lower Upper
43 100
72 20.1 19.8 29.8

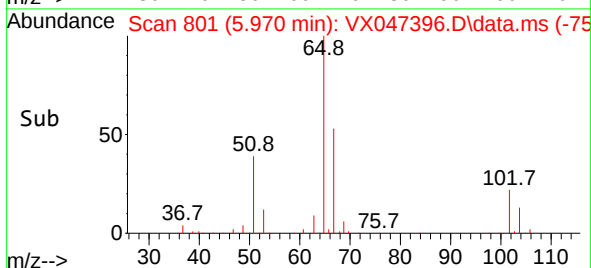
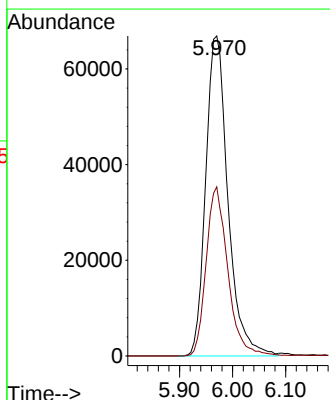
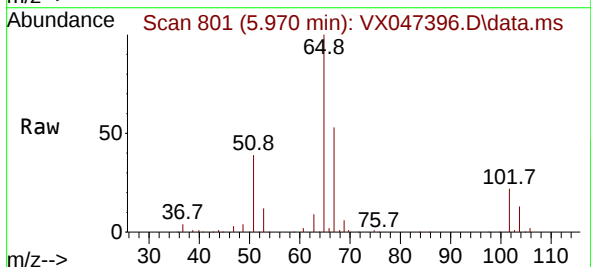
Manual Integrations
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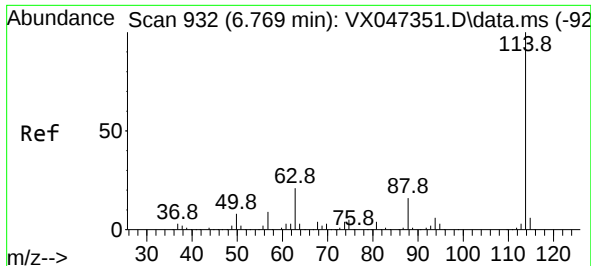
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#33
1,2-Dichloroethane-d4
Concen: 53.330 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

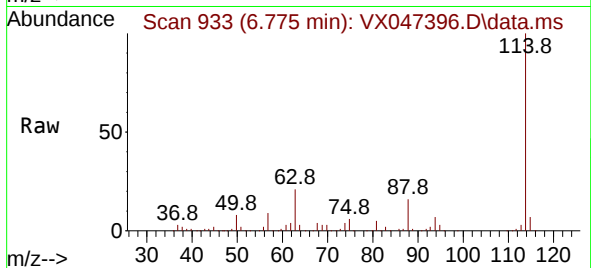
Tgt Ion: 65 Resp: 194854
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

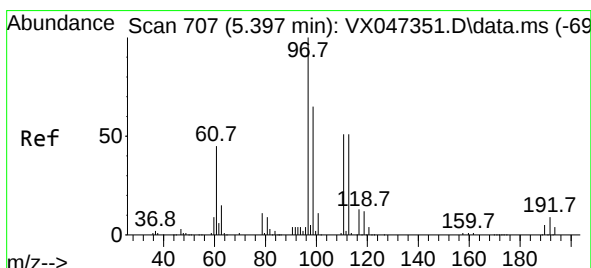
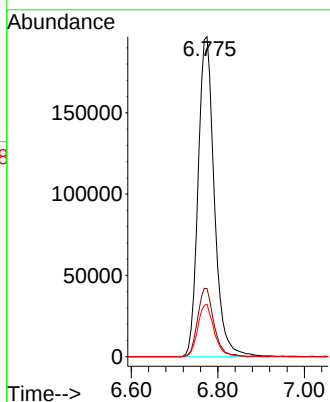
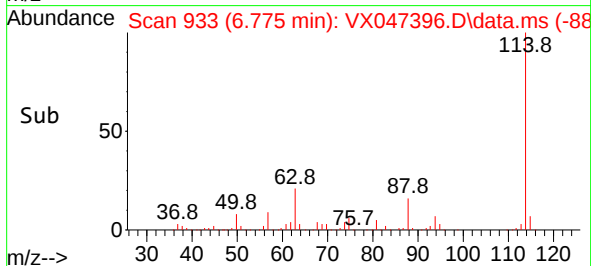
Instrument :
MSVOA_X
ClientSampleId :
302



Tgt Ion:114 Resp: 51176
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 16.4 0.0 33.0

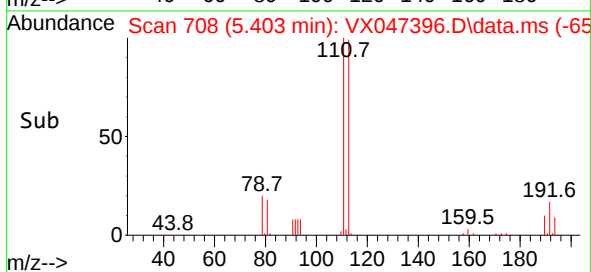
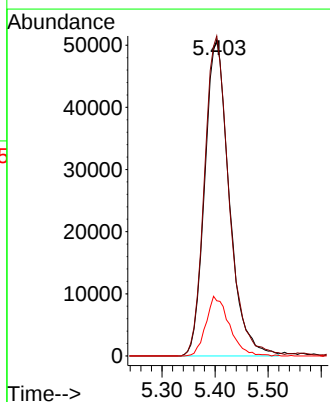
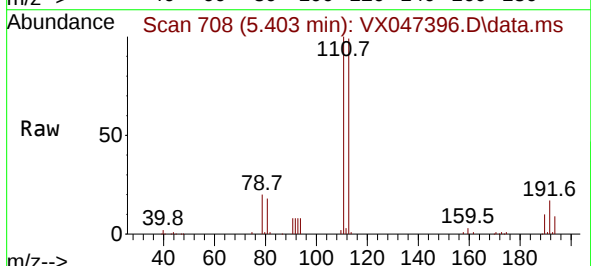
Manual Integrations
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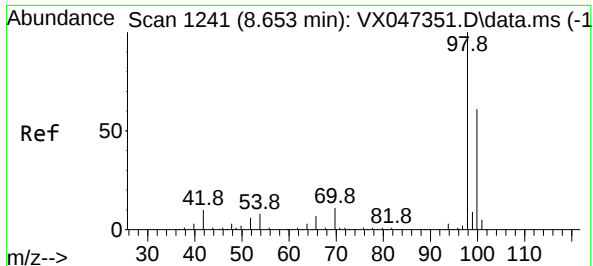
Reviewed By :John Carlone 08/19/2025
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#35
Dibromofluoromethane
Concen: 49.043 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

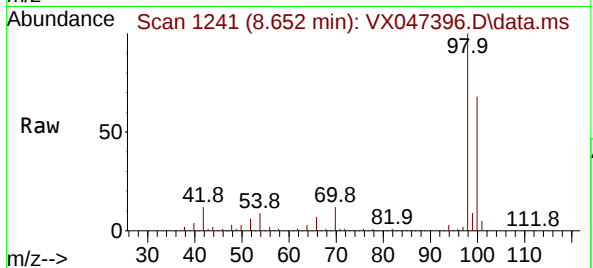
Tgt Ion:113 Resp: 162889
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.2
192 18.0 14.1 21.1





#50
Toluene-d8
Concen: 50.982 ug/l
RT: 8.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

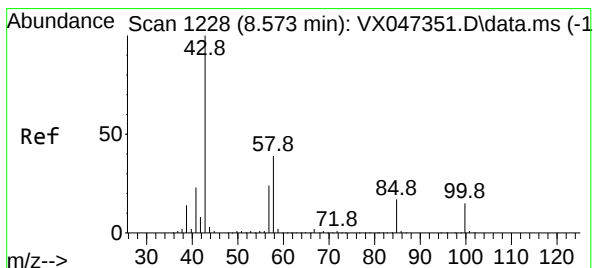
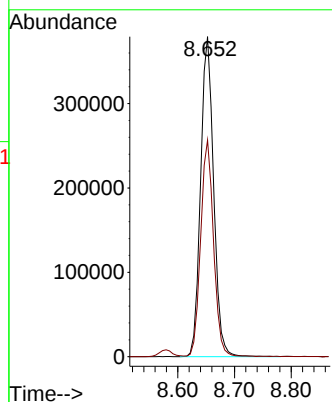
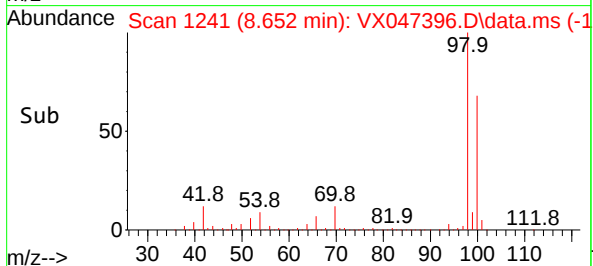
Instrument :
MSVOA_X
ClientSampleId :
302



Tgt Ion: 98 Resp: 60523
Ion Ratio Lower Upper
98 100
100 66.7 53.9 80.9

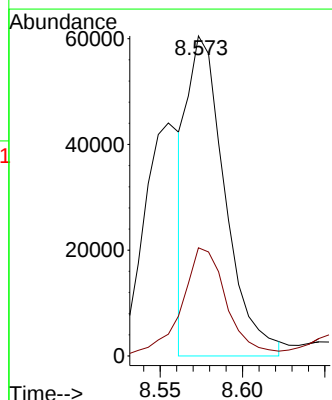
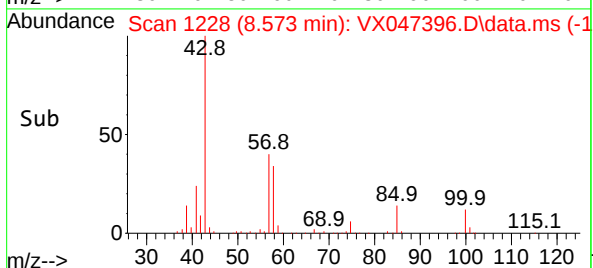
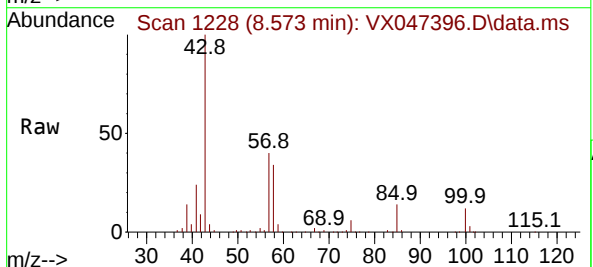
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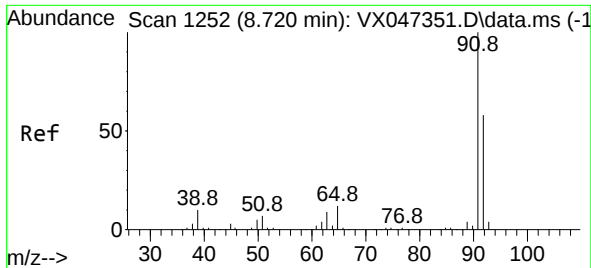
Reviewed By :John Carlone 08/19/2025
Supervised By :Semsettin Yesilyurt 08/21/2025



#51
4-Methyl-2-Pentanone
Concen: 21.526 ug/l m
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

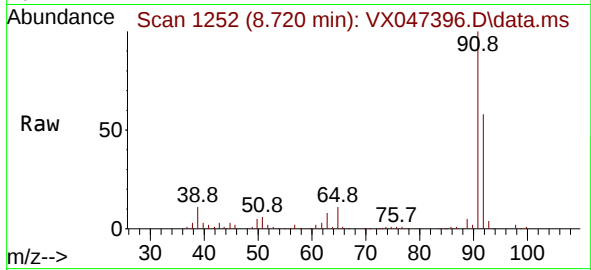
Tgt Ion: 43 Resp: 96864
Ion Ratio Lower Upper
43 100
58 40.5 31.2 46.8





#52
Toluene
Concen: 5.305 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

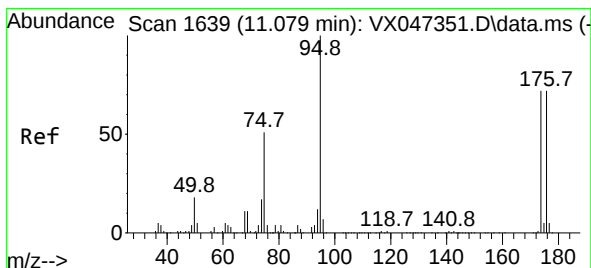
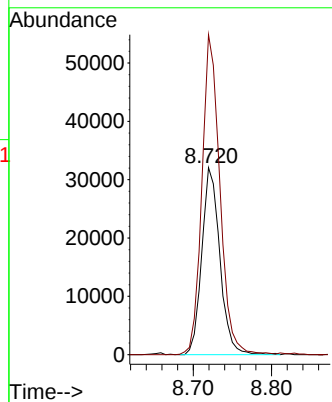
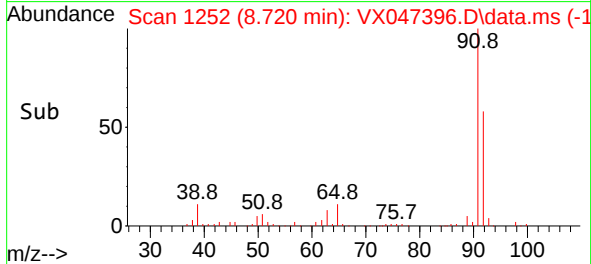
Instrument :
MSVOA_X
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302



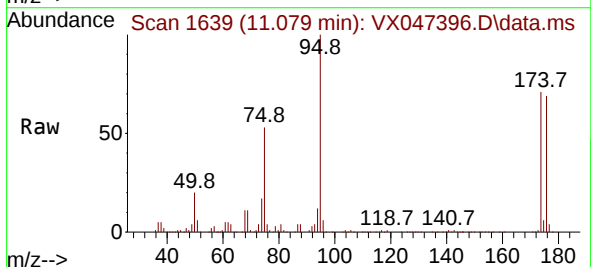
Tgt Ion: 92 Resp: 51440
Ion Ratio Lower Upper
92 100
91 170.0 136.3 204.5

Manual Integrations
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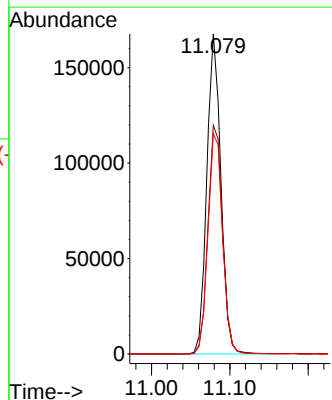
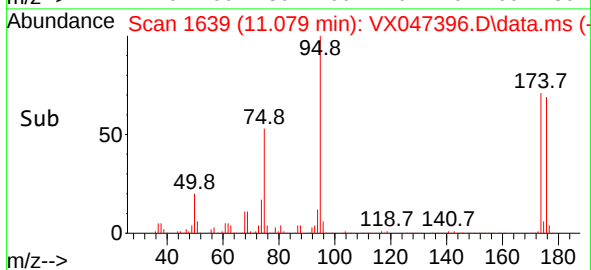
Reviewed By :John Carlone 08/19/2025
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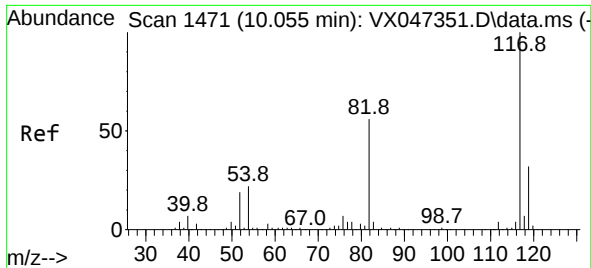


#62
4-Bromofluorobenzene
Concen: 47.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14



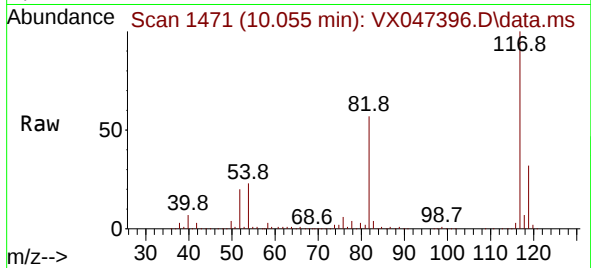
Tgt Ion: 95 Resp: 208157
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.0
176 71.6 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

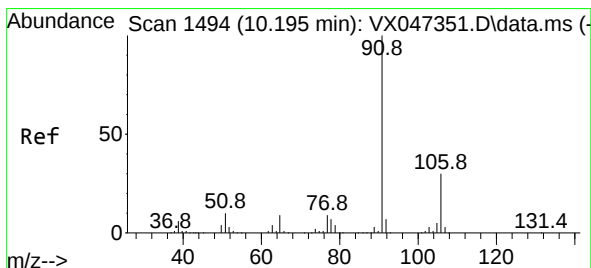
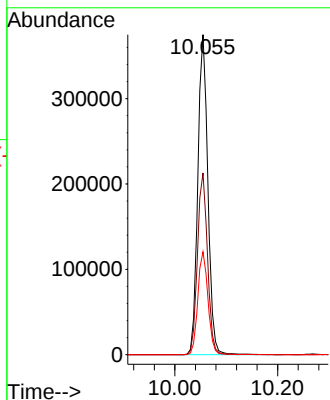
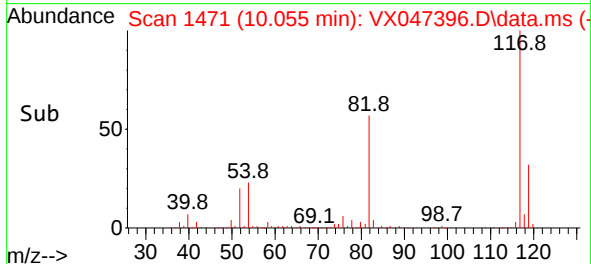
Instrument :
MSVOA_X
ClientSampleId :
302



Tgt Ion:117 Resp: 50930
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 32.2 25.8 38.8

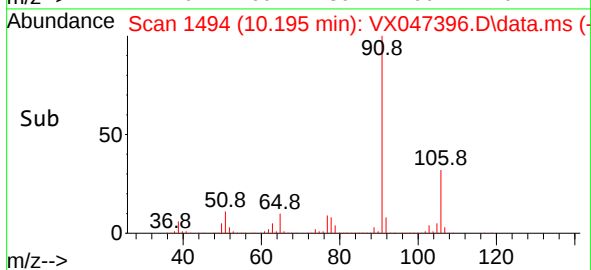
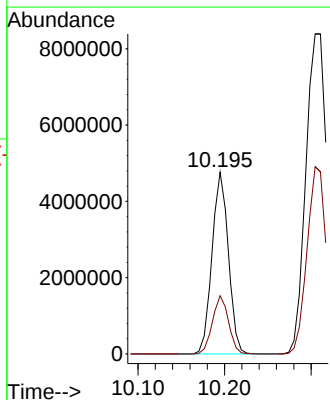
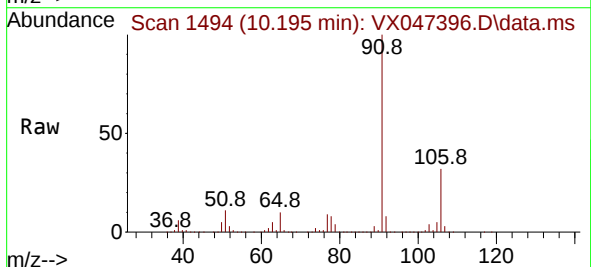
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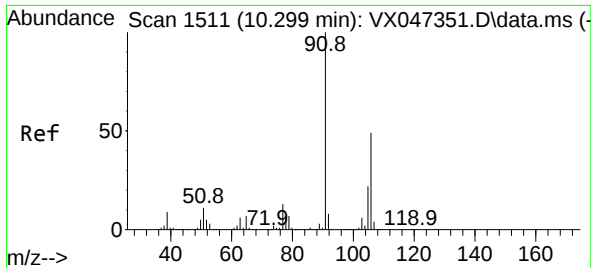
Reviewed By :John Carlone 08/19/2025
Supervised By :Semsettin Yesilyurt 08/21/2025



#67
Ethyl Benzene
Concen: 299.876 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

Tgt Ion: 91 Resp: 6246729
Ion Ratio Lower Upper
91 100
106 32.1 24.4 36.6





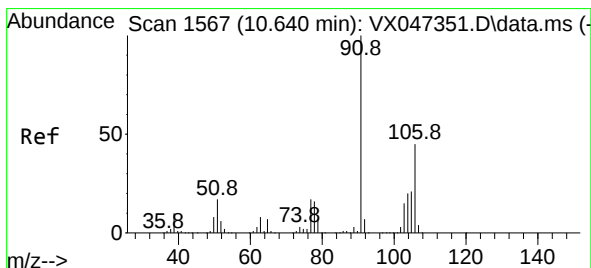
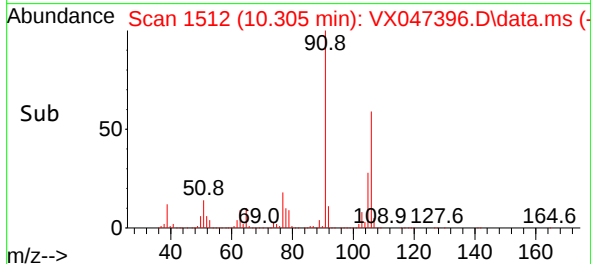
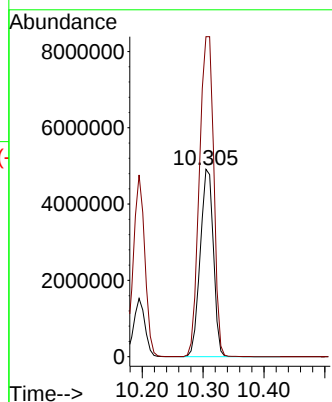
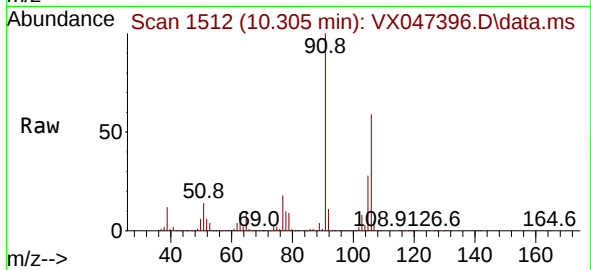
#68
m/p-Xylenes
Concen: 951.558 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

Instrument :
MSVOA_X
ClientSampleId :
302

Tgt Ion:106 Resp: 739113
Ion Ratio Lower Upper
106 100
91 186.0 164.7 247.1

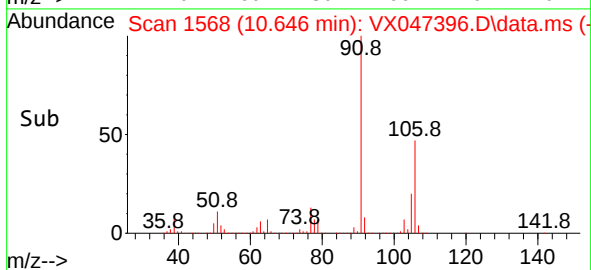
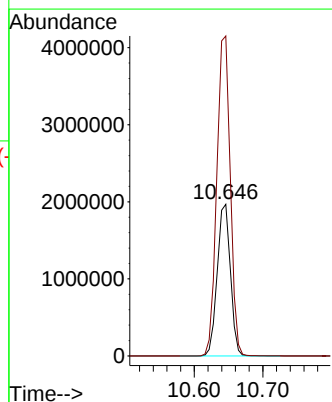
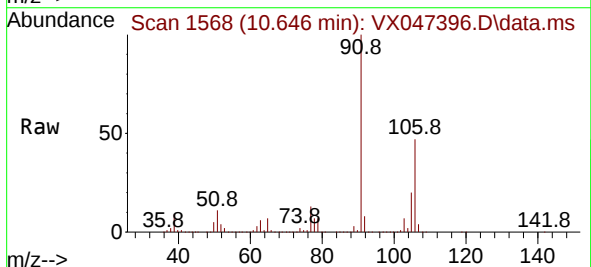
Manual Integrations
APPROVED

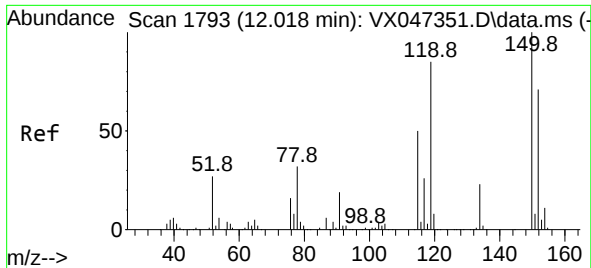
Reviewed By :John Carlone 08/19/2025
Supervised By :Semsettin Yesilyurt 08/21/2025



#69
o-Xylene
Concen: 350.525 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

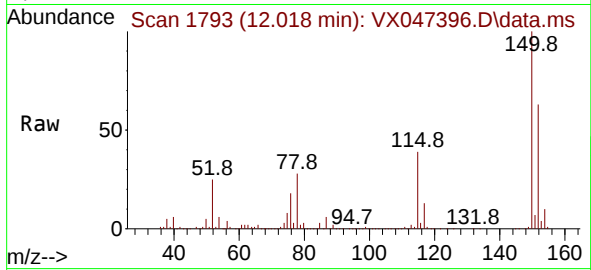
Tgt Ion:106 Resp: 2620126
Ion Ratio Lower Upper
106 100
91 215.6 110.6 331.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14

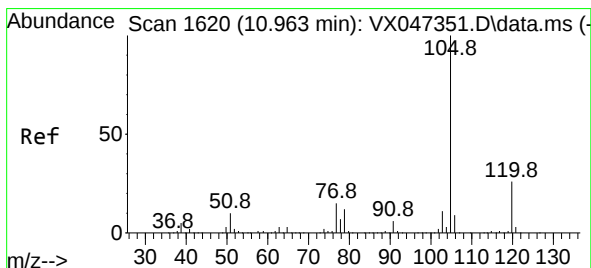
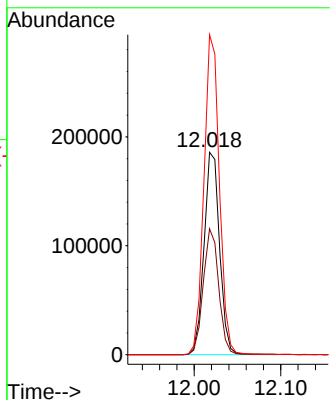
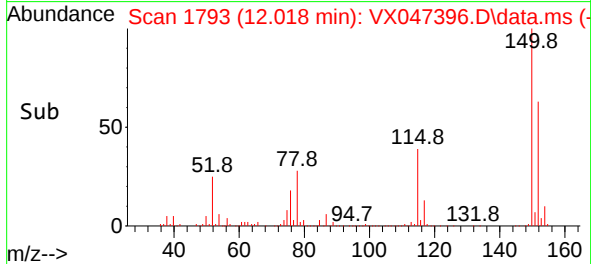
Instrument :
MSVOA_X
ClientSampleId :
302



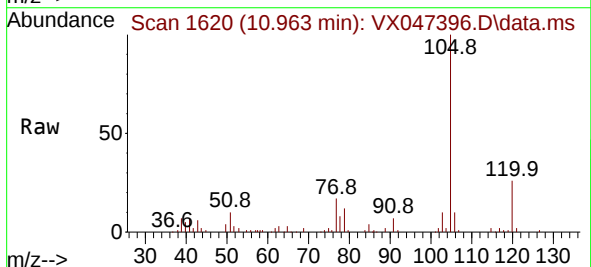
Tgt Ion:152 Resp: 232138
Ion Ratio Lower Upper
152 100
115 61.8 44.6 133.8
150 156.7 0.0 349.8

Manual Integrations
APPROVED

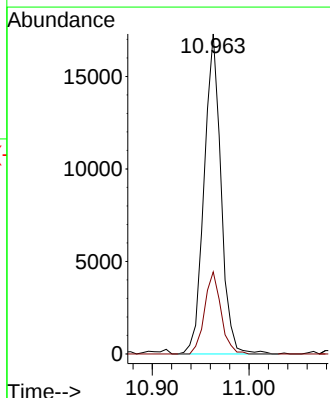
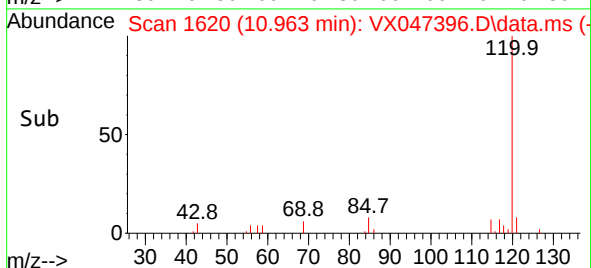
Reviewed By :John Carlone 08/19/2025
Supervised By :Semsettin Yesilyurt 08/21/2025

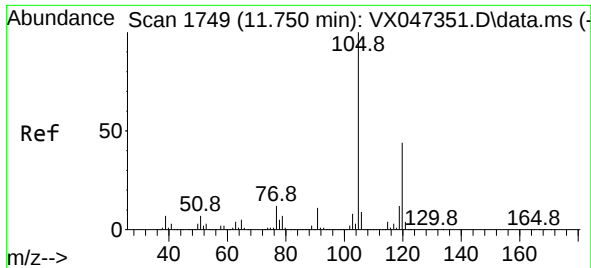


#73
Isopropylbenzene
Concen: 1.158 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX047396.D
Acq: 18 Aug 2025 20:14



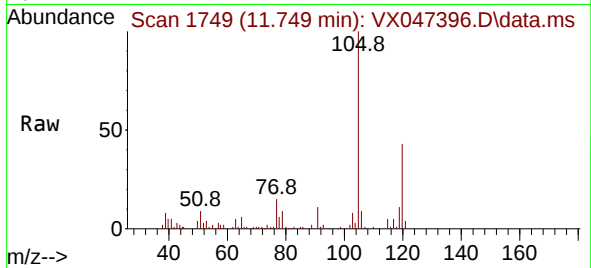
Tgt Ion:105 Resp: 21038
Ion Ratio Lower Upper
105 100
120 24.8 12.9 38.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.445 ug/l
 RT: 11.749 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047396.D
 Acq: 18 Aug 2025 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 302



Tgt Ion:105 Resp: 21600
 Ion Ratio Lower Upper
 105 100
 120 41.7 21.9 65.7

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/19/2025
 Supervised By :Semsettin Yesilyurt 08/21/2025

