

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047323.D
 Acq On : 13 Aug 2025 15:29
 Operator : JC/MD
 Sample : Q2837-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-WTS-13

Quant Time: Aug 14 03:30:19 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 08/14/2025
 Supervised By : Mahesh Dadoda 08/18/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	227321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	419762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	382728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	154699	54.631	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.260%			
35) Dibromofluoromethane	5.416	113	137	0.053	ug/l	0.02
Spiked Amount 50.000	Range 75 - 124		Recovery = 0.100%#			
50) Toluene-d8	8.653	98	357451	42.588	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 85.180%#			
62) 4-Bromofluorobenzene	11.079	95	176799	48.879	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.760%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	10313	21.764	ug/l #	83
16) Acetone	2.392	43	309784	273.085	ug/l	99
17) Carbon Disulfide	2.532	76	12021	1.455	ug/l #	92
25) 2-Butanone	4.605	43	7913m	4.791	ug/l	
30) Chloroform	5.117	83	4210	0.749	ug/l	97
40) Benzene	6.056	78	16186	1.266	ug/l #	82
52) Toluene	8.726	92	7007	0.891	ug/l	99
67) Ethyl Benzene	10.195	91	14919	0.952	ug/l	92
68) m/p-Xylenes	10.311	106	3826	0.652	ug/l	94
69) o-Xylene	10.646	106	2624	0.470	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	4803	0.377	ug/l	99

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

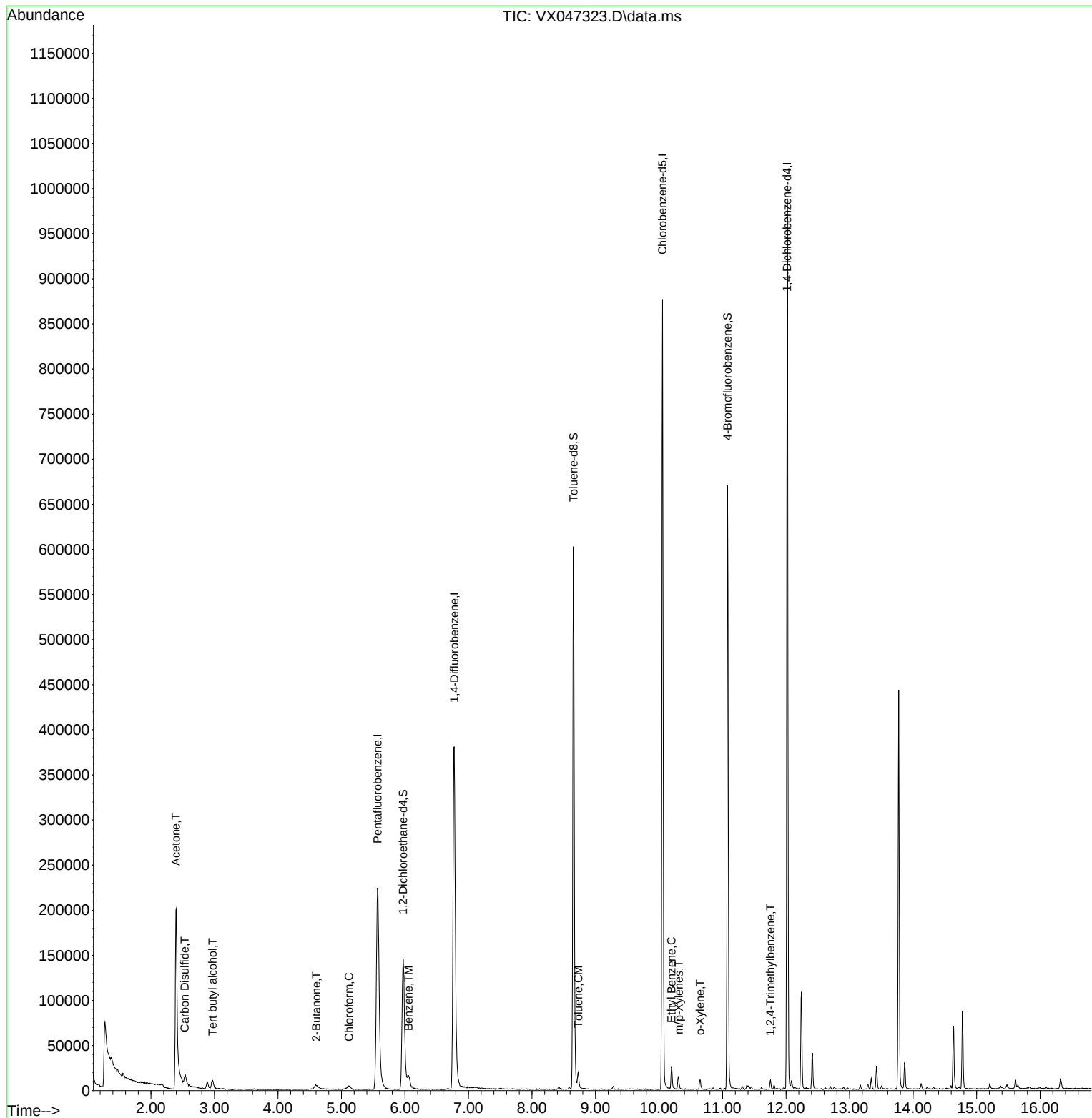
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
Data File : VX047323.D
Acq On : 13 Aug 2025 15:29
Operator : JC/MD
Sample : Q2837-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

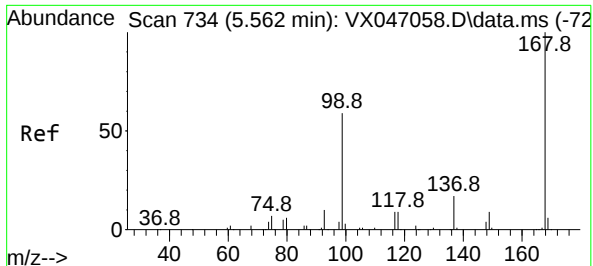
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13

Quant Time: Aug 14 03:30:19 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

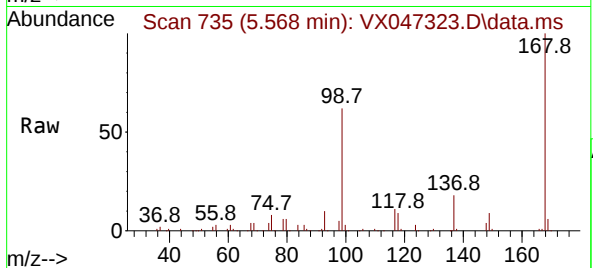
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

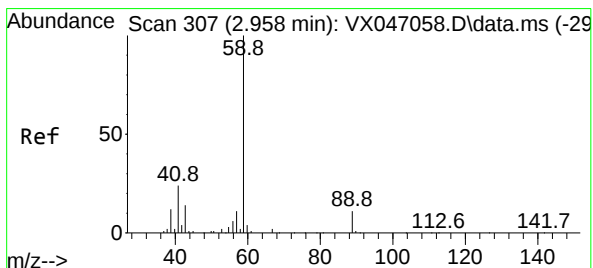
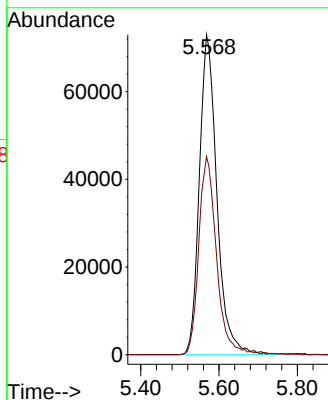
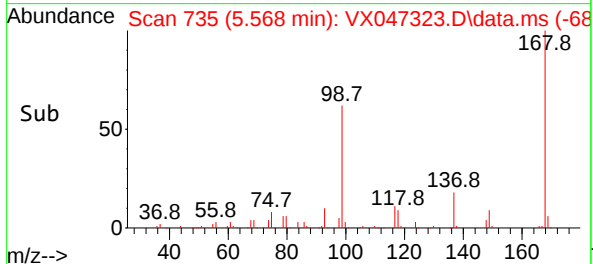
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13



Tgt Ion:168 Resp: 22732
Ion Ratio Lower Upper
168 100
99 61.9 48.0 72.0

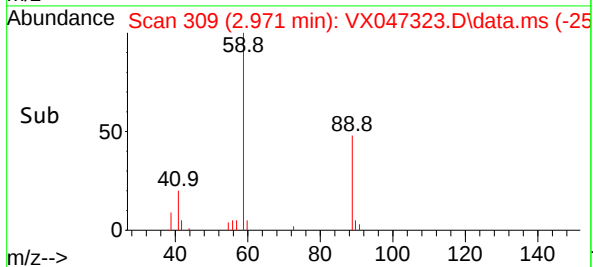
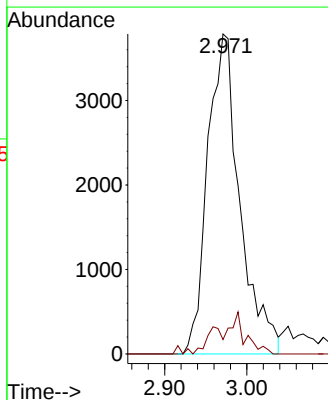
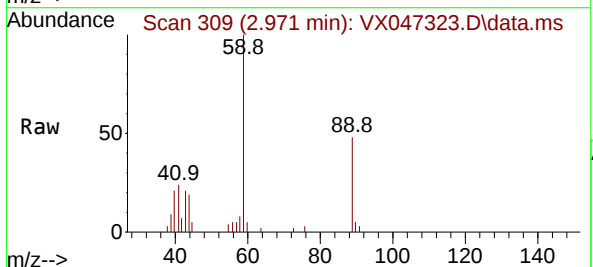
Manual Integrations
APPROVED

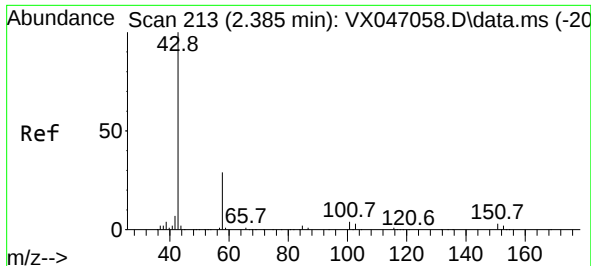
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#11
Tert butyl alcohol
Concen: 21.764 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.013 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

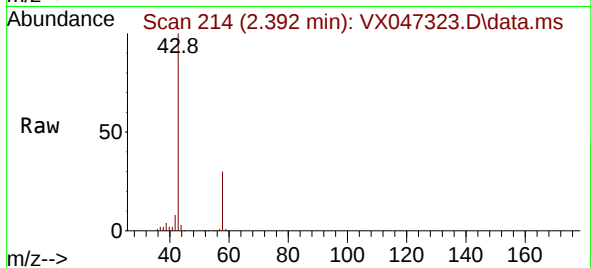
Tgt Ion: 59 Resp: 10313
Ion Ratio Lower Upper
59 100
57 4.0 8.5 12.7#





#16
Acetone
Concen: 273.085 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

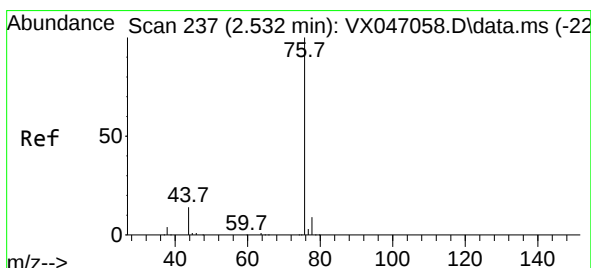
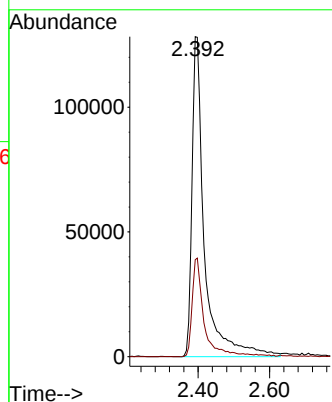
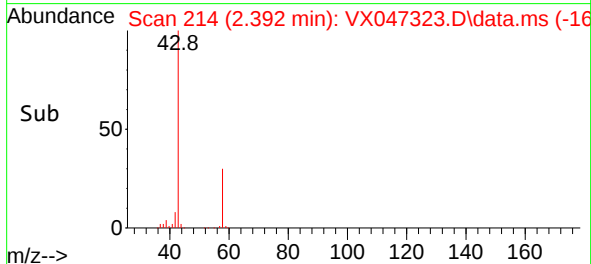
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13



Tgt Ion: 43 Resp: 309784
Ion Ratio Lower Upper
43 100
58 30.3 24.0 36.0

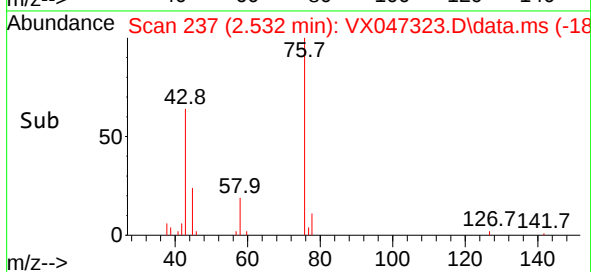
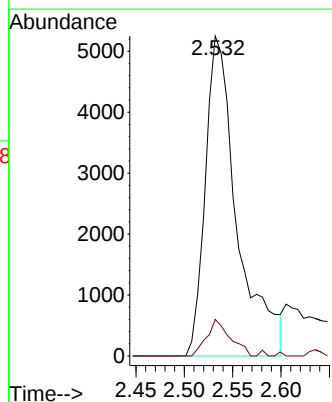
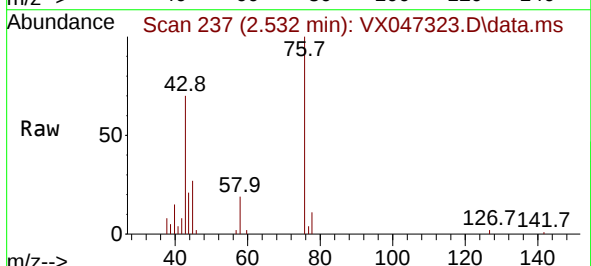
Manual Integrations
APPROVED

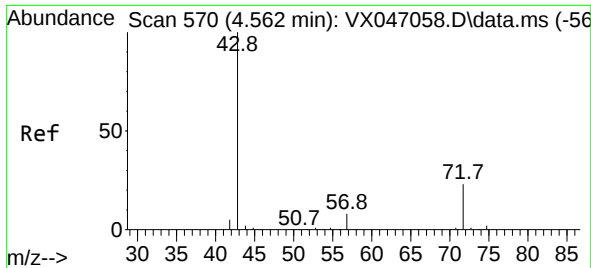
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#17
Carbon Disulfide
Concen: 1.455 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

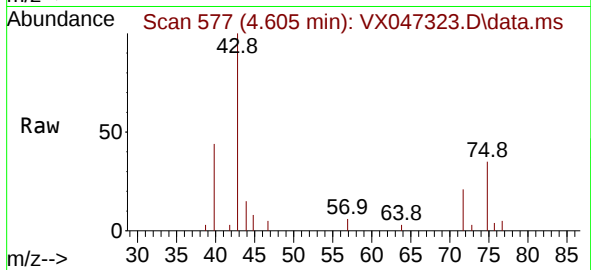
Tgt Ion: 76 Resp: 12021
Ion Ratio Lower Upper
76 100
78 11.4 7.0 10.4#





#25
2-Butanone
Concen: 4.791 ug/l m
RT: 4.605 min Scan# 511
Delta R.T. 0.043 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

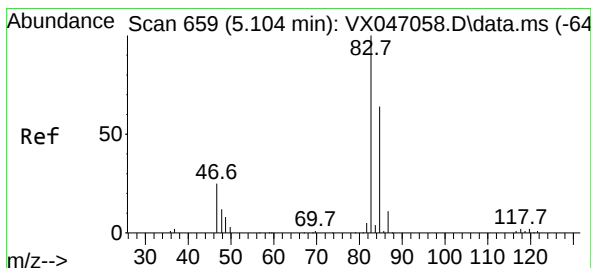
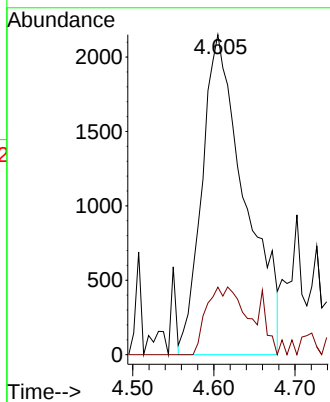
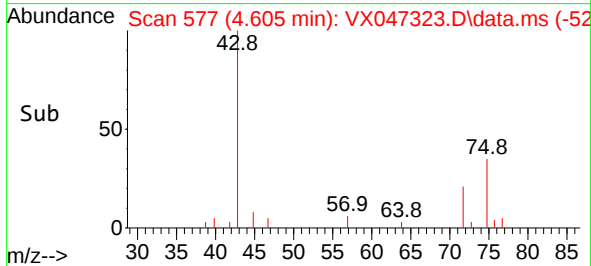
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13



Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
72 21.1 18.8 28.2

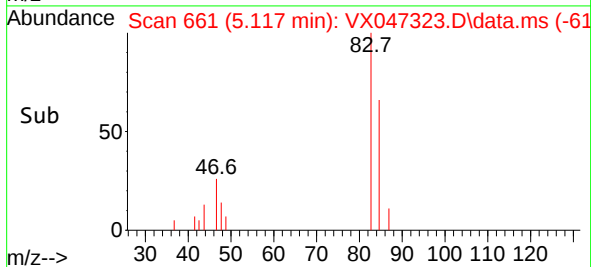
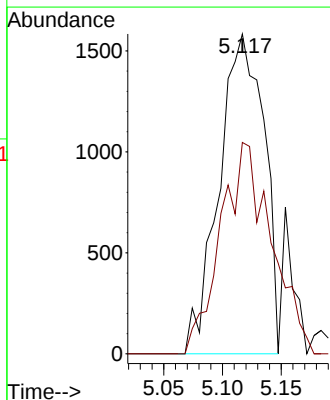
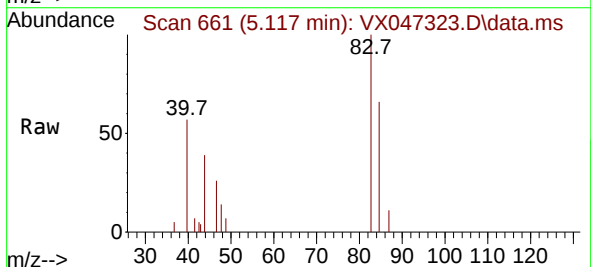
Manual Integrations
APPROVED

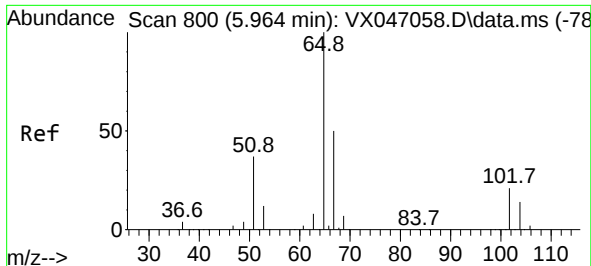
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#30
Chloroform
Concen: 0.749 ug/l
RT: 5.117 min Scan# 661
Delta R.T. 0.013 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

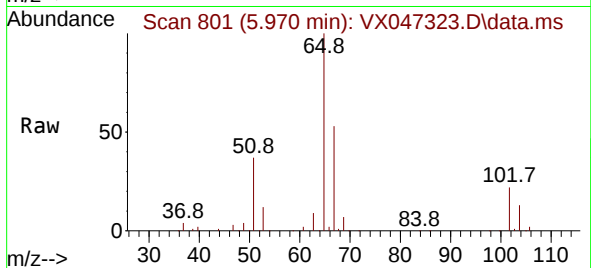
Tgt Ion: 83 Resp: 4210
Ion Ratio Lower Upper
83 100
85 66.1 50.9 76.3





#33
1,2-Dichloroethane-d4
Concen: 54.631 ug/l
RT: 5.970 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

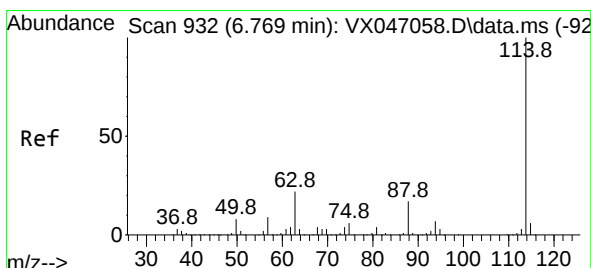
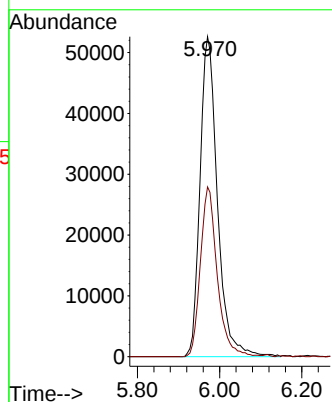
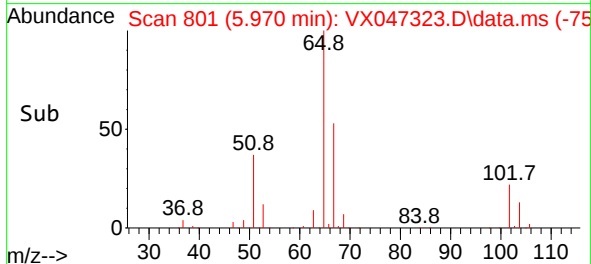
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13



Tgt Ion: 65 Resp: 154699
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

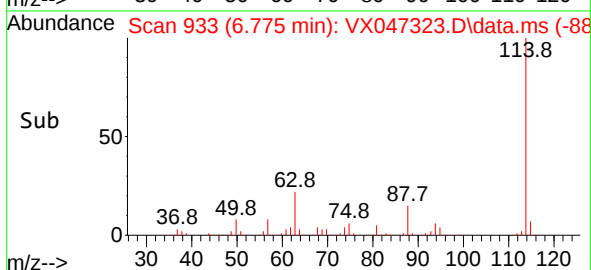
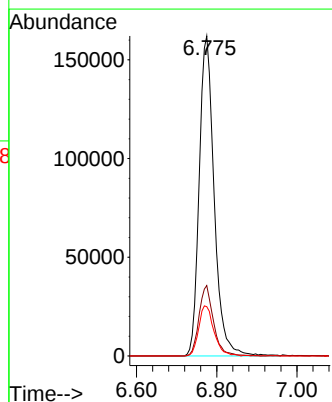
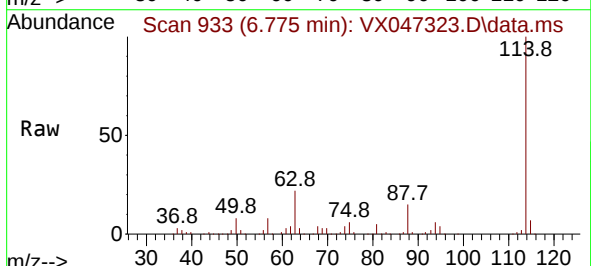
Manual Integrations
APPROVED

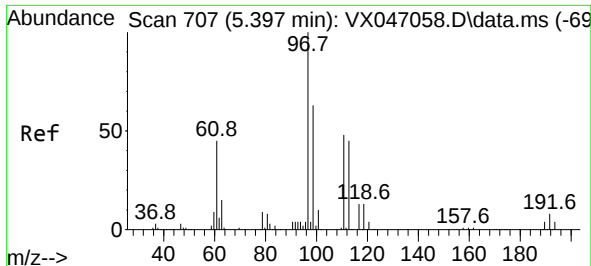
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

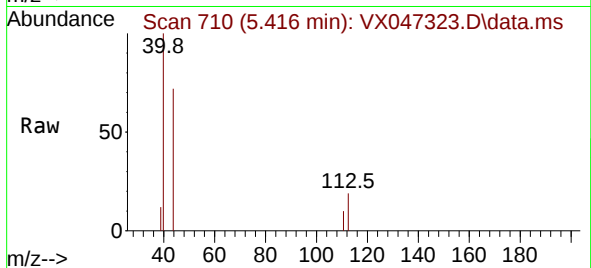
Tgt Ion:114 Resp: 419762
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 15.4 0.0 33.8





#35
Dibromofluoromethane
Concen: 0.053 ug/l
RT: 5.416 min Scan# 710
Delta R.T. 0.019 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

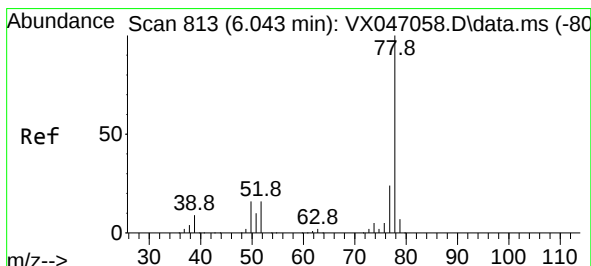
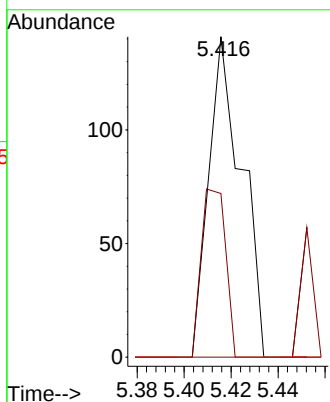
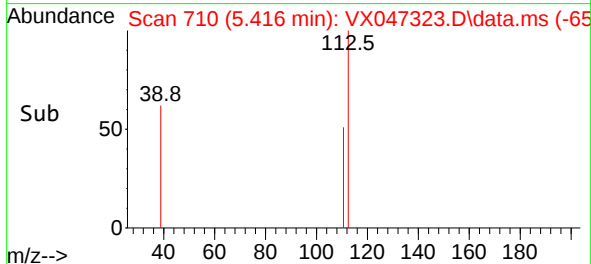
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13



Tgt Ion:113 Resp: 137
Ion Ratio Lower Upper
113 100
111 38.7 82.6 124.0
192 0.0 14.9 22.3

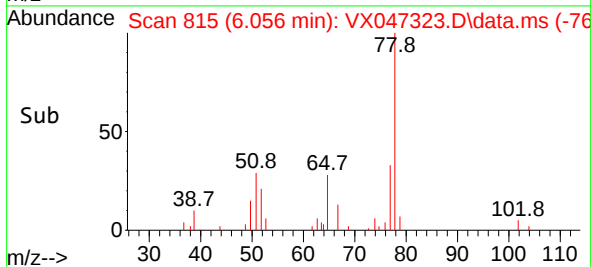
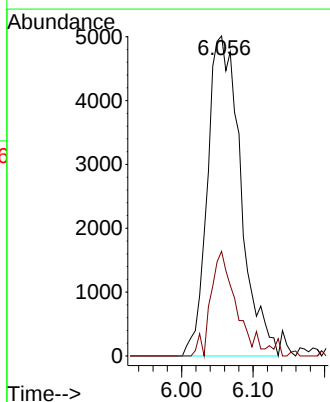
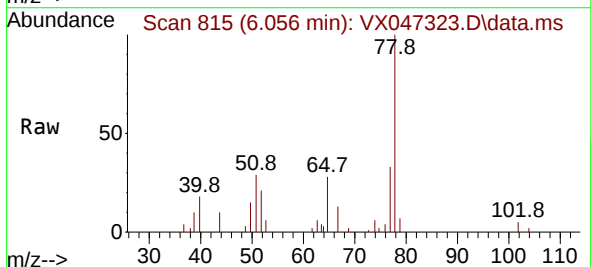
Manual Integrations
APPROVED

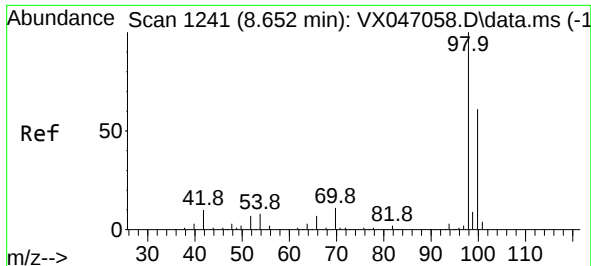
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#40
Benzene
Concen: 1.266 ug/l
RT: 6.056 min Scan# 815
Delta R.T. 0.013 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

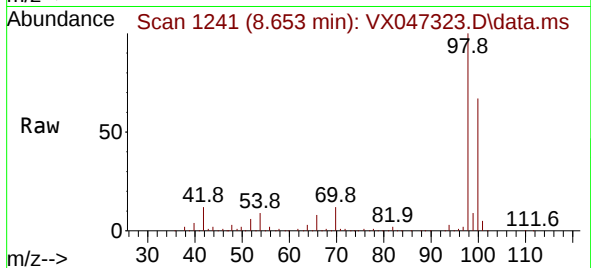
Tgt Ion: 78 Resp: 16186
Ion Ratio Lower Upper
78 100
77 32.7 19.0 28.4





#50
Toluene-d8
Concen: 42.588 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

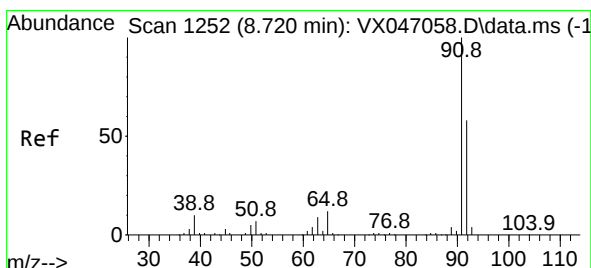
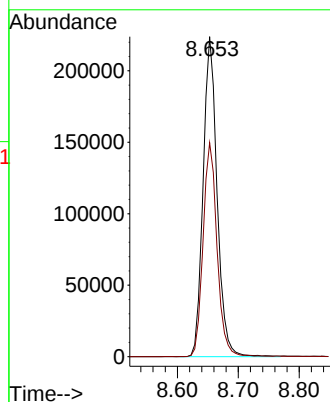
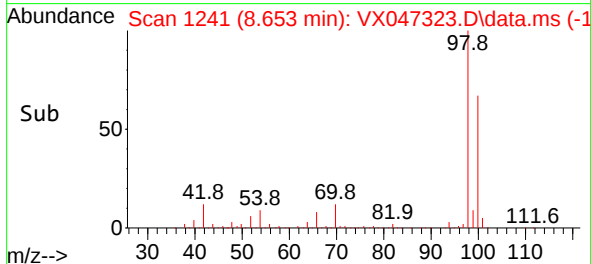
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13



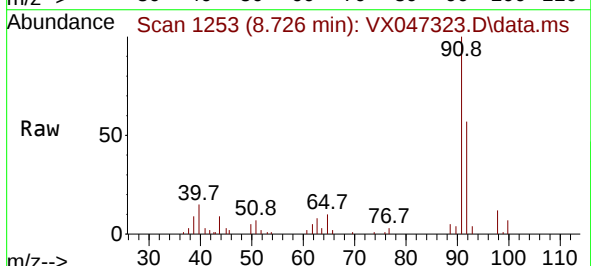
Tgt Ion: 98 Resp: 35745
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9

Manual Integrations
APPROVED

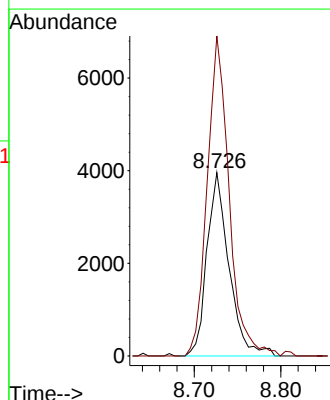
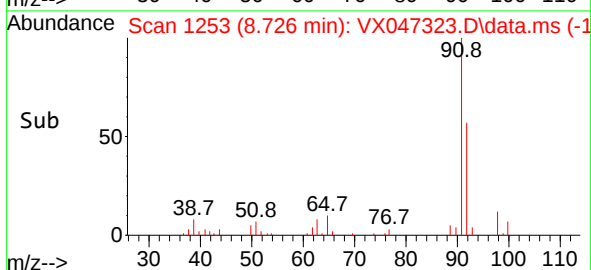
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

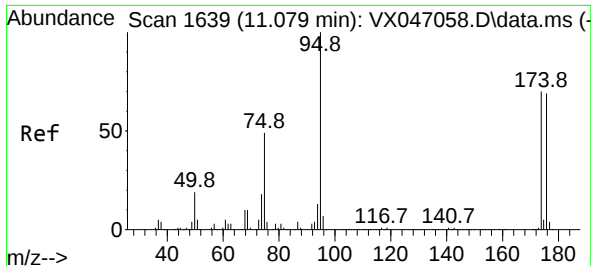


#52
Toluene
Concen: 0.891 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29



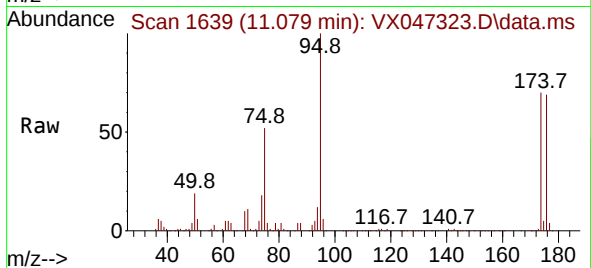
Tgt Ion: 92 Resp: 7007
Ion Ratio Lower Upper
92 100
91 173.2 137.9 206.9





#62
4-Bromofluorobenzene
Concen: 48.879 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

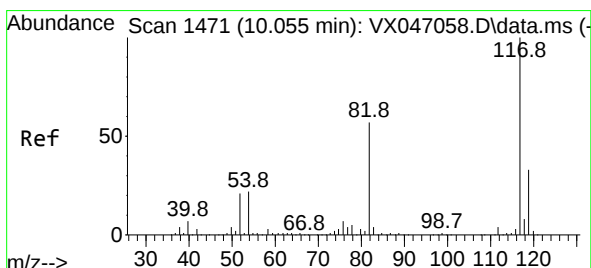
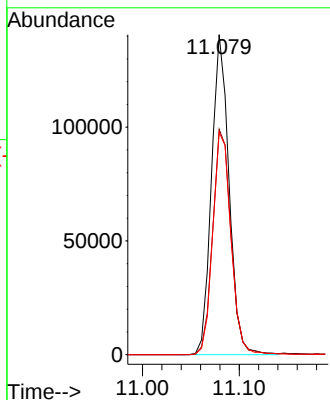
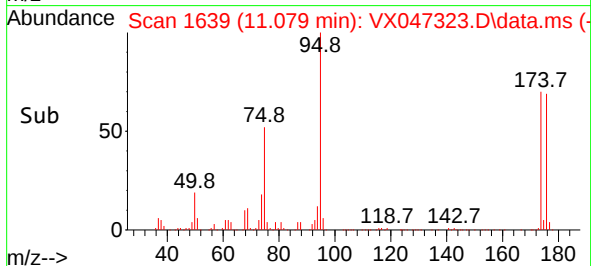
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13



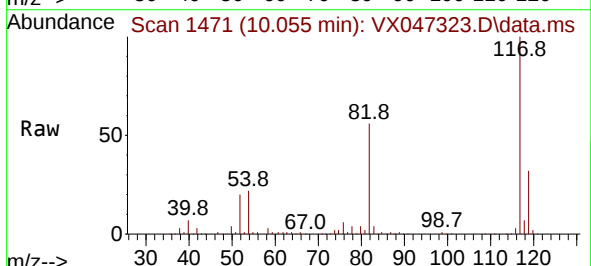
Tgt Ion: 95 Resp: 176799
Ion Ratio Lower Upper
95 100
174 73.9 0.0 144.6
176 72.2 0.0 139.6

Manual Integrations
APPROVED

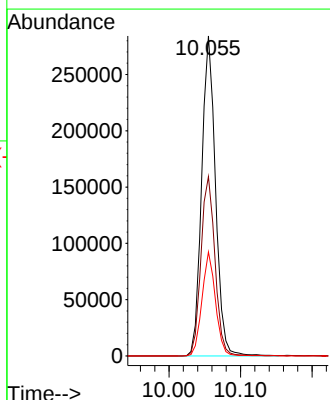
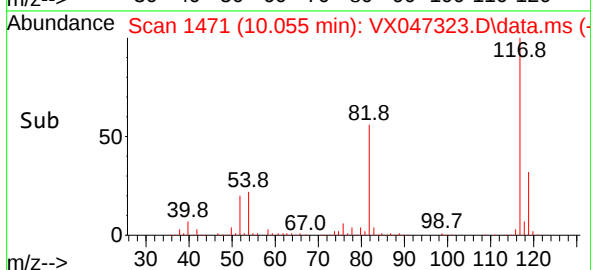
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

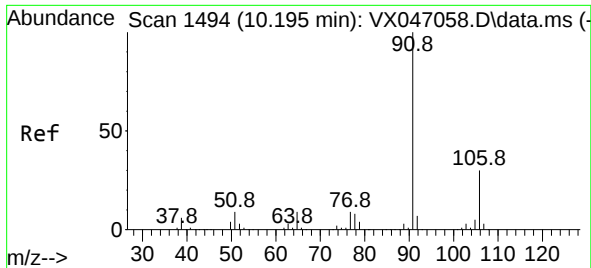


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29



Tgt Ion:117 Resp: 382728
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 32.5 26.1 39.1





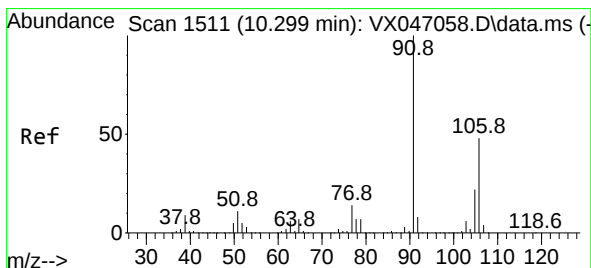
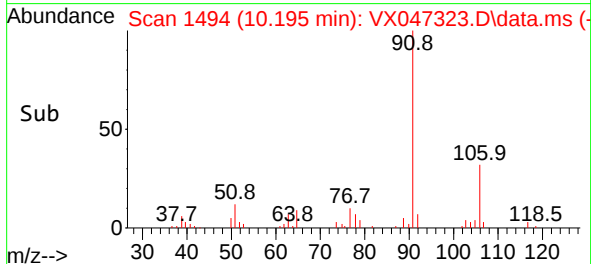
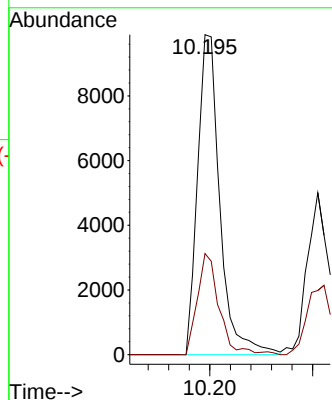
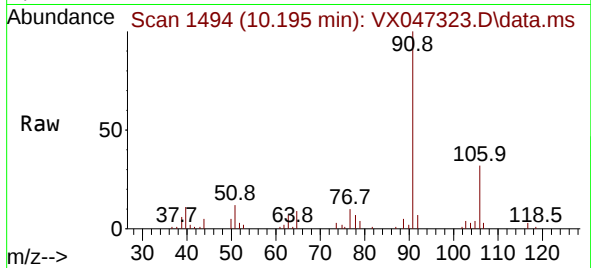
#67
Ethyl Benzene
Concen: 0.952 ug/l
RT: 10.195 min Scan# 14919
Delta R.T. 0.000 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13

Tgt Ion: 91 Resp: 14919
Ion Ratio Lower Upper
91 100
106 34.8 24.2 36.4

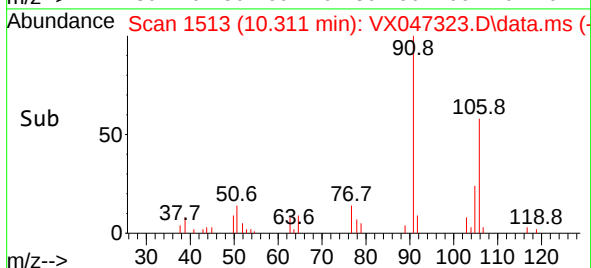
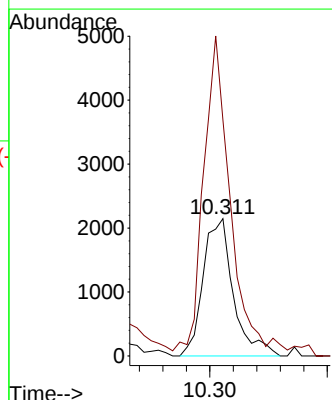
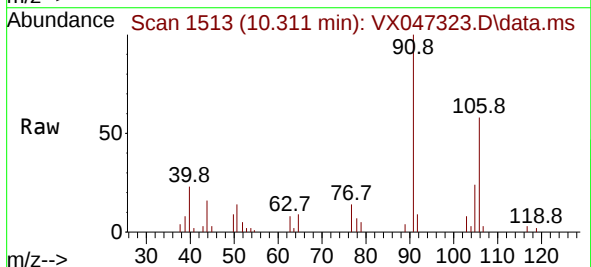
Manual Integrations
APPROVED

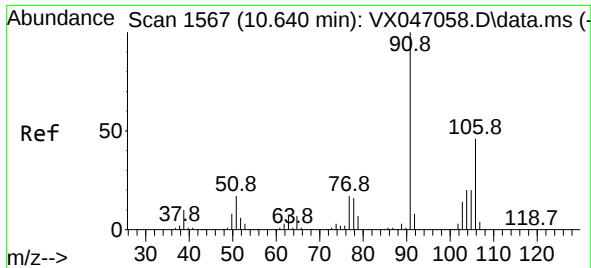
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#68
m/p-Xylenes
Concen: 0.652 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.013 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

Tgt Ion:106 Resp: 3826
Ion Ratio Lower Upper
106 100
91 199.1 167.4 251.0





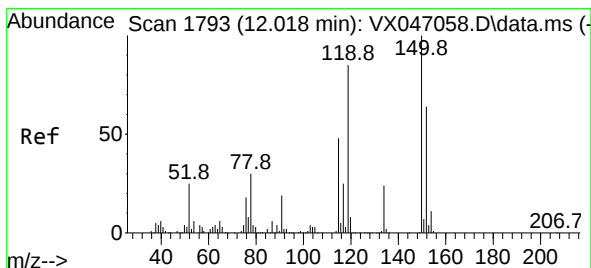
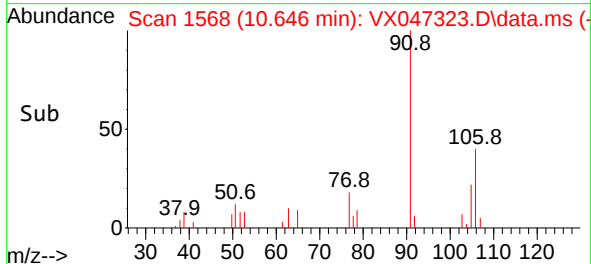
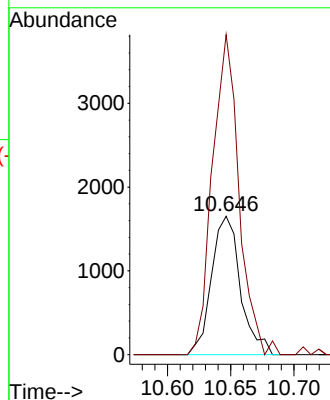
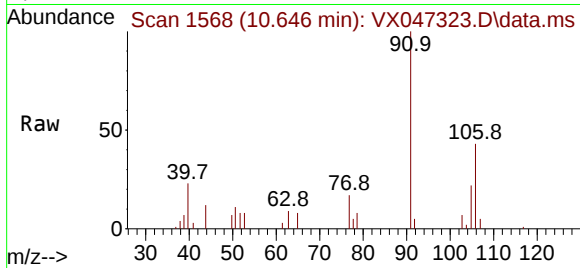
#69
o-Xylene
Concen: 0.470 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-13

Tgt Ion:106 Resp: 2624
Ion Ratio Lower Upper
106 100
91 212.0 110.3 331.0

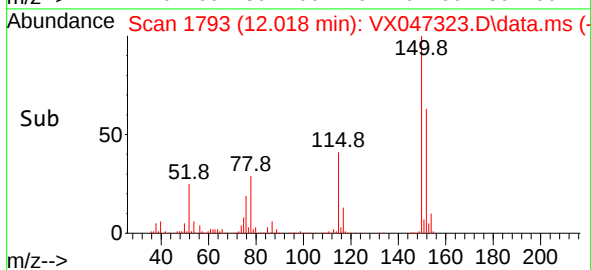
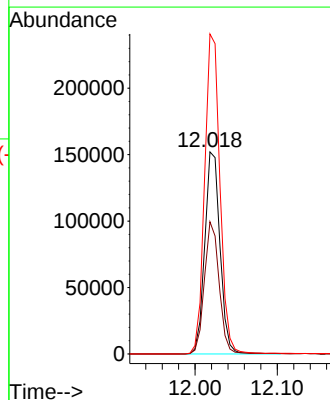
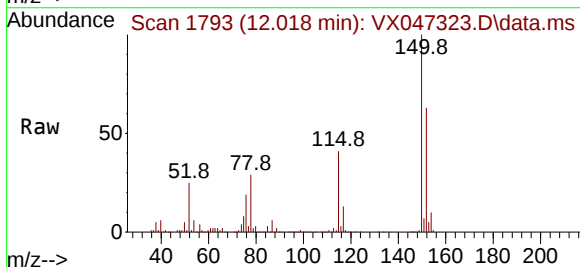
Manual Integrations
APPROVED

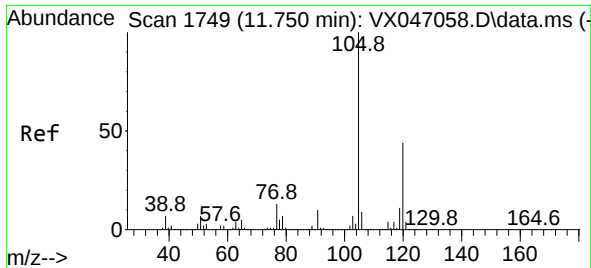
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047323.D
Acq: 13 Aug 2025 15:29

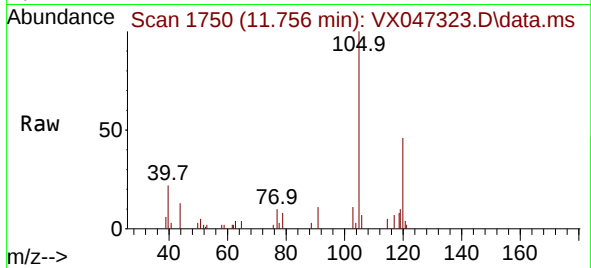
Tgt Ion:152 Resp: 196082
Ion Ratio Lower Upper
152 100
115 63.2 45.6 136.7
150 159.8 0.0 354.6





#84
 1,2,4-Trimethylbenzene
 Concen: 0.377 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX047323.D
 Acq: 13 Aug 2025 15:29

Instrument : MSVOA_X
 ClientSampleId : TW-WTS-13



Tgt Ion:105 Resp: 480
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.0 66.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

