

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047083.D
 Acq On : 23 Jul 2025 12:22
 Operator : JC/MD
 Sample : Q2668-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2

Quant Time: Jul 24 05:47:08 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 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	351304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	628454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	605493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	291763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	228945	52.317	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.640%			
35) Dibromofluoromethane	5.397	113	185957	47.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.840%			
50) Toluene-d8	8.653	98	677686	53.929	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.860%			
62) 4-Bromofluorobenzene	11.079	95	277275	51.202	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.400%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	55507	31.662	ug/l	96
18) Methyl Acetate	2.715	43	31629	6.789	ug/l	99
20) Methylene Chloride	2.800	84	18256	3.785	ug/l	97
37) Ethyl Acetate	4.751	43	18838m	3.091	ug/l	
39) Methylcyclohexane	7.385	83	18965	2.296	ug/l	98
40) Benzene	6.056	78	141315	7.383	ug/l	99
43) Isopropyl Acetate	6.355	43	13180	1.387	ug/l	98
52) Toluene	8.726	92	23436	1.991	ug/l	100
67) Ethyl Benzene	10.195	91	51890	2.092	ug/l	98
68) m/p-Xylenes	10.299	106	26593	2.865	ug/l	98
69) o-Xylene	10.640	106	14375	1.628	ug/l	99

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

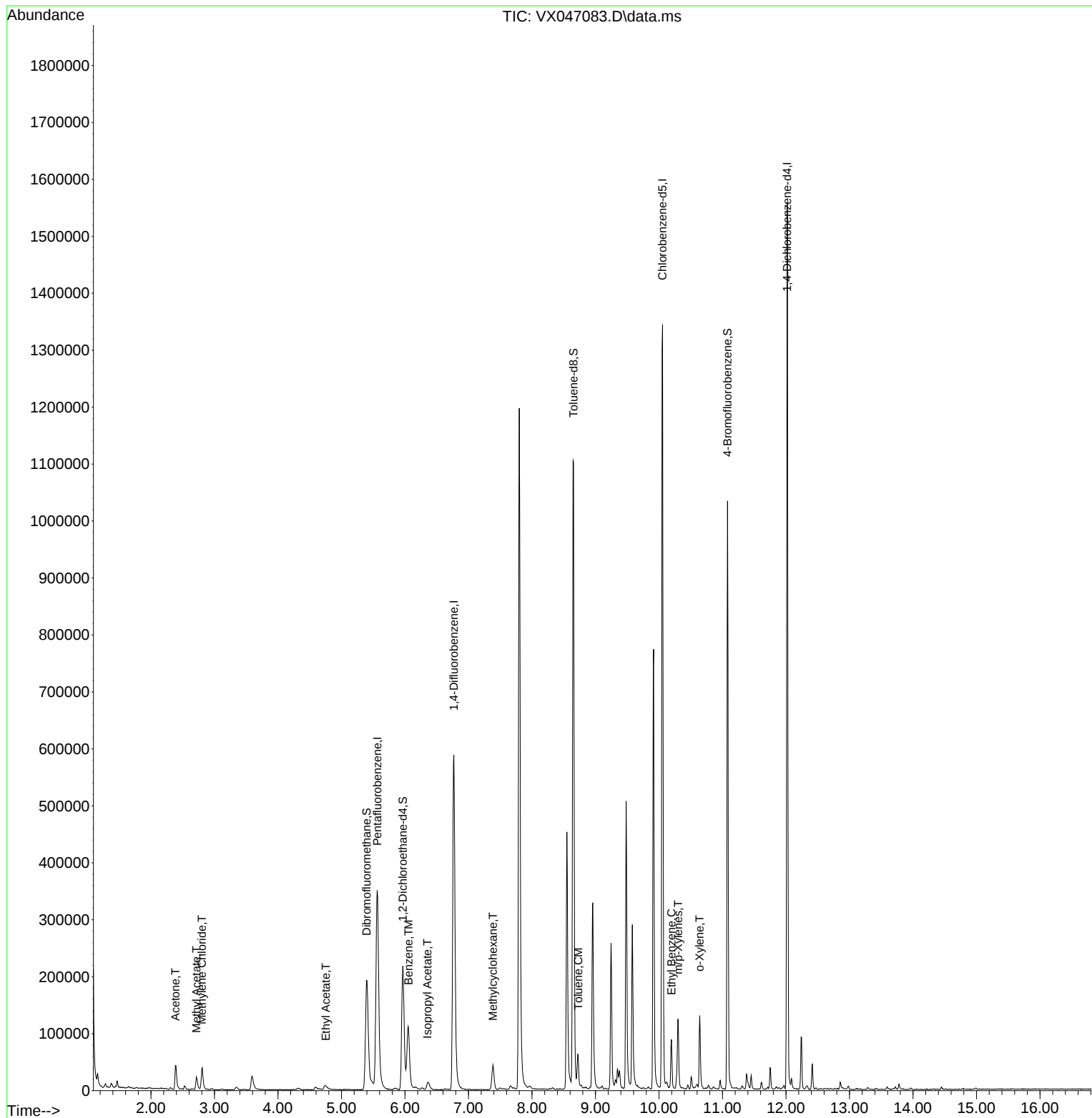
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047083.D
Acq On : 23 Jul 2025 12:22
Operator : JC/MD
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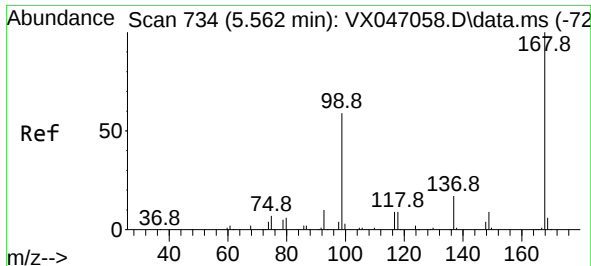
Instrument :
MSVOA_X
ClientSampleId :
TP-2

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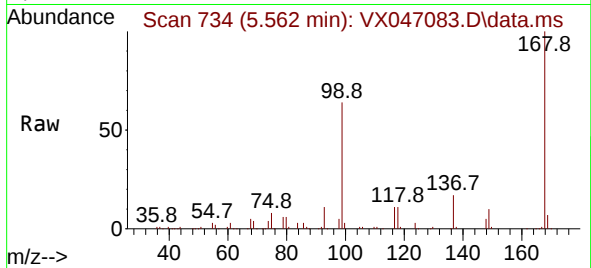
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX047083.D
Acq: 23 Jul 2025 12:22

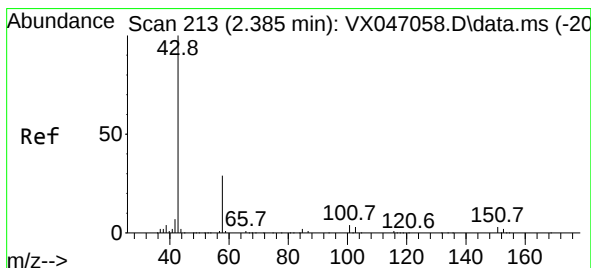
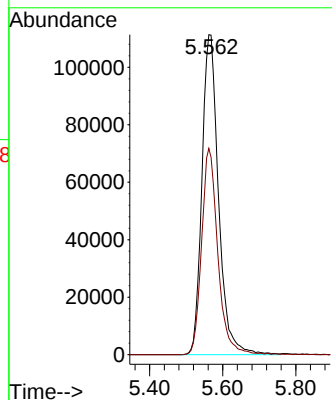
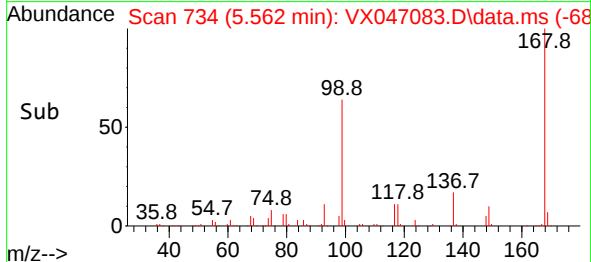
Instrument :
MSVOA_X
ClientSampleId :
TP-2



Tgt Ion:168 Resp: 351304
Ion Ratio Lower Upper
168 100
99 64.4 48.0 72.0

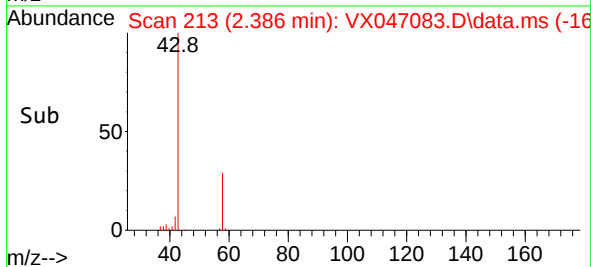
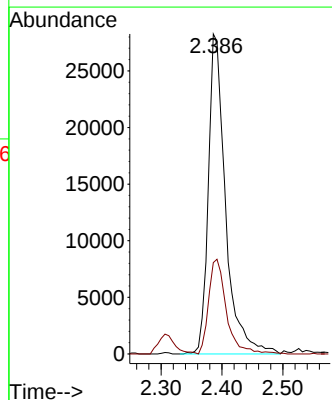
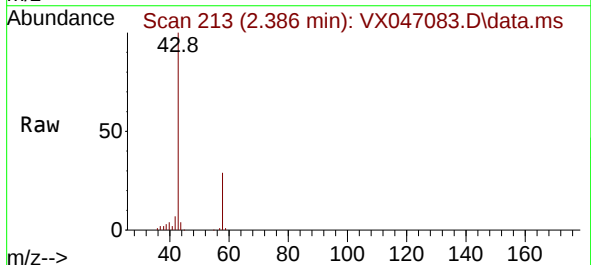
Manual Integrations
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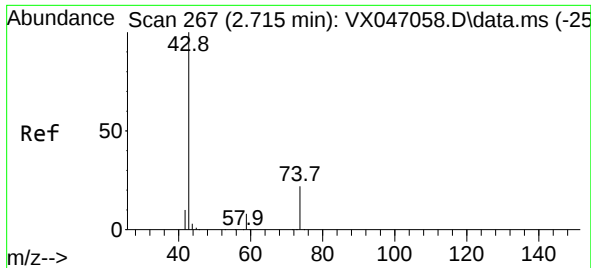
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#16
Acetone
Concen: 31.662 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047083.D
Acq: 23 Jul 2025 12:22

Tgt Ion: 43 Resp: 55507
Ion Ratio Lower Upper
43 100
58 28.1 24.0 36.0





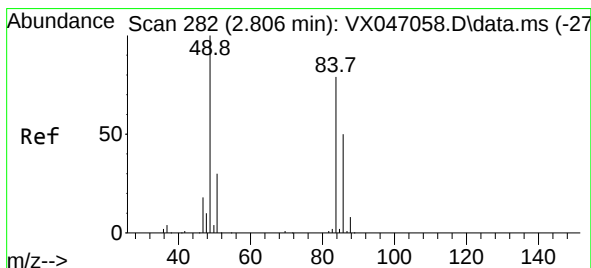
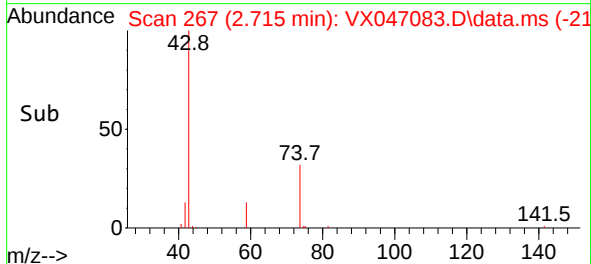
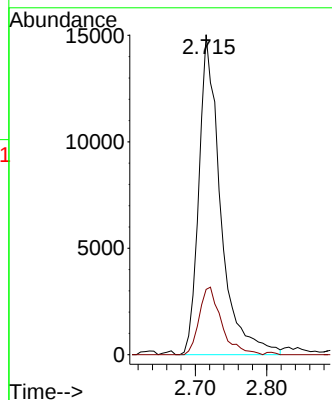
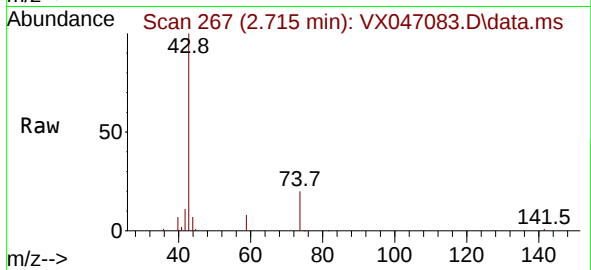
#18
Methyl Acetate
Concen: 6.789 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047083.D
Acq: 23 Jul 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion: 43 Resp: 31629
Ion Ratio Lower Upper
43 100
74 21.6 17.7 26.5

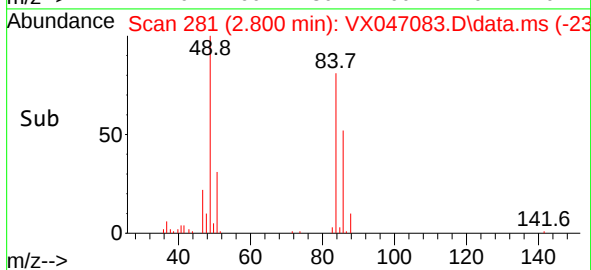
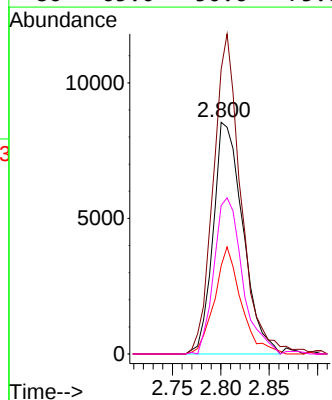
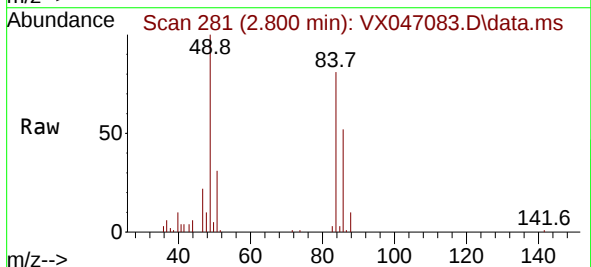
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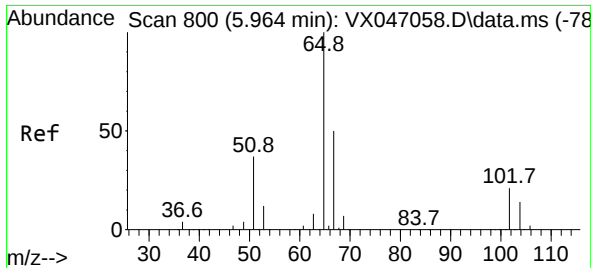
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#20
Methylene Chloride
Concen: 3.785 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047083.D
Acq: 23 Jul 2025 12:22

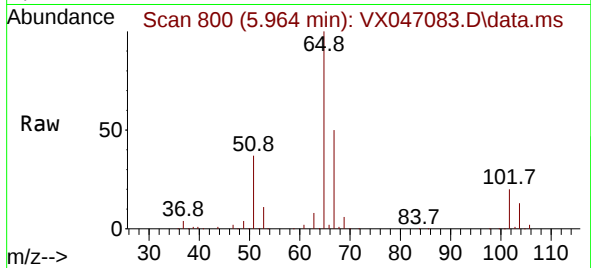
Tgt Ion: 84 Resp: 18256
Ion Ratio Lower Upper
84 100
49 123.0 101.6 152.4
51 38.9 30.3 45.5
86 65.0 50.6 75.8





#33
 1,2-Dichloroethane-d4
 Concen: 52.317 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047083.D
 Acq: 23 Jul 2025 12:22

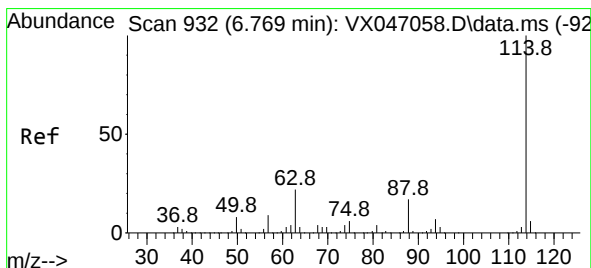
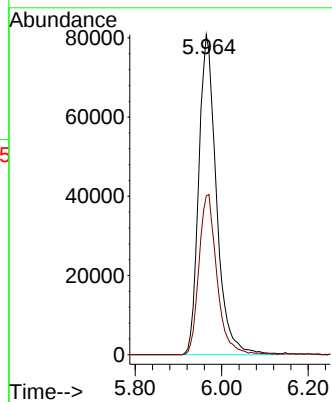
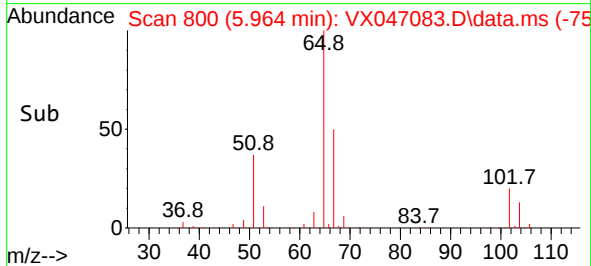
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2



Tgt Ion: 65 Resp: 228945
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.8

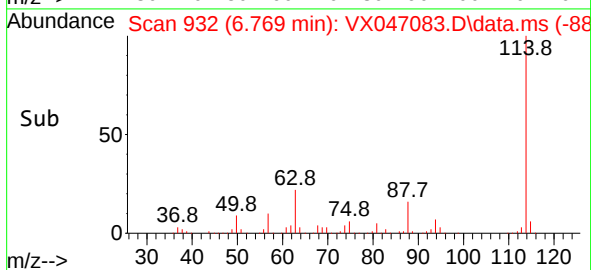
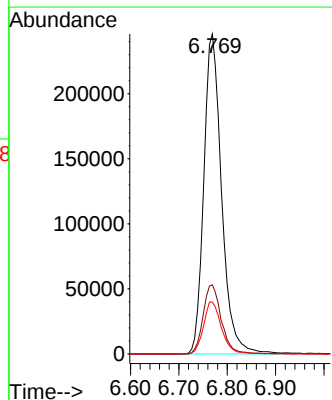
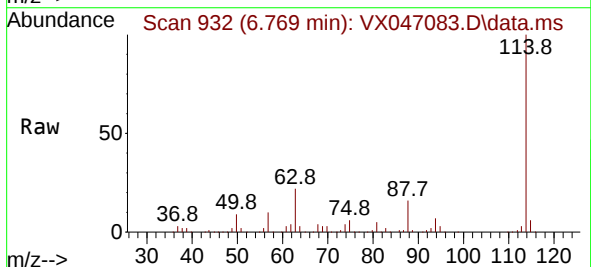
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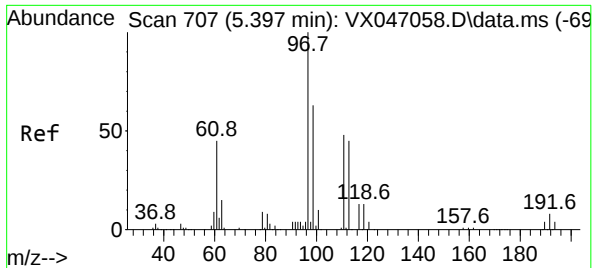
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047083.D
 Acq: 23 Jul 2025 12:22

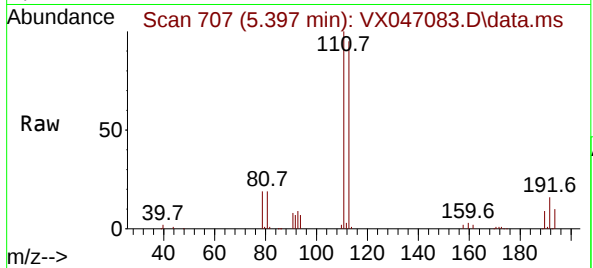
Tgt Ion:114 Resp: 628454
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.2 0.0 33.8





#35
Dibromofluoromethane
Concen: 47.924 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047083.D
Acq: 23 Jul 2025 12:22

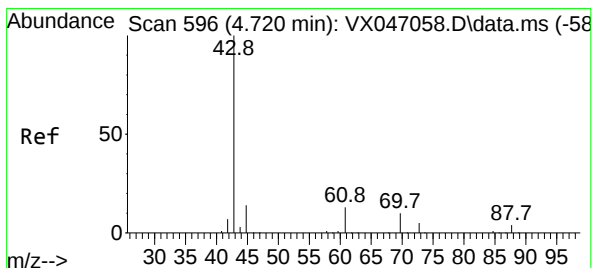
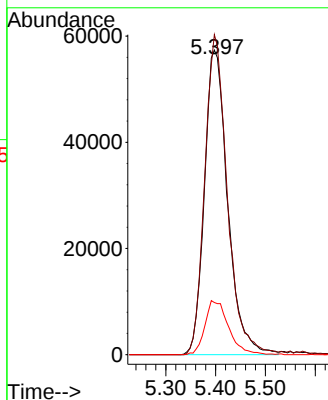
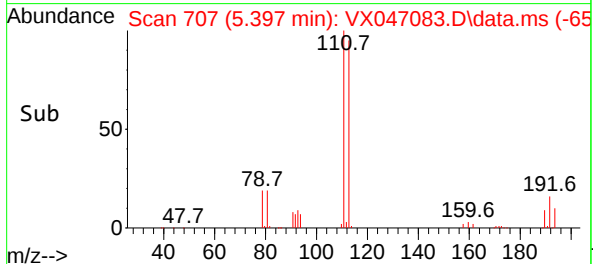
Instrument :
MSVOA_X
ClientSampleId :
TP-2



Tgt Ion: 113 Resp: 18595
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 18.1 14.9 22.3

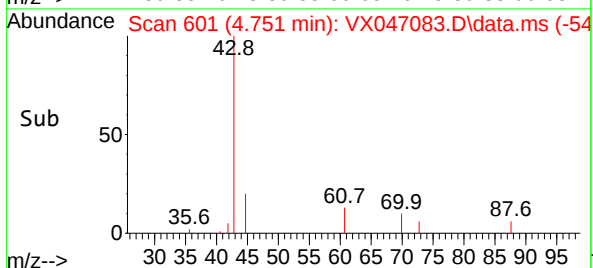
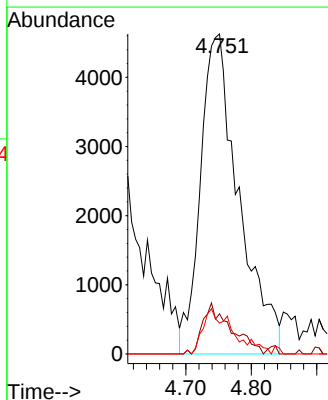
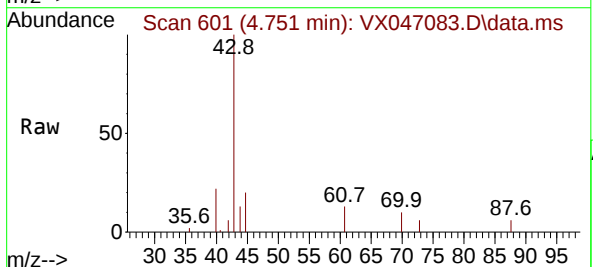
Manual Integrations
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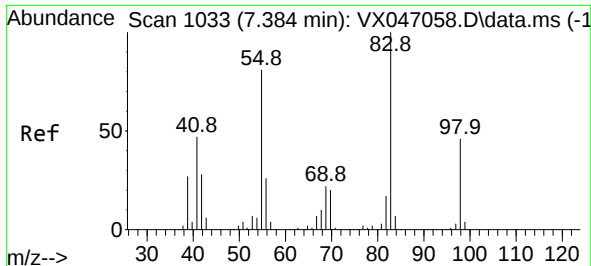
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#37
Ethyl Acetate
Concen: 3.091 ug/l m
RT: 4.751 min Scan# 601
Delta R.T. 0.031 min
Lab File: VX047083.D
Acq: 23 Jul 2025 12:22

Tgt Ion: 43 Resp: 18838
Ion Ratio Lower Upper
43 100
61 11.8 10.2 15.2
70 9.9 8.1 12.1





#39

Methylcyclohexane

Concen: 2.296 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047083.D

Acq: 23 Jul 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

TP-2

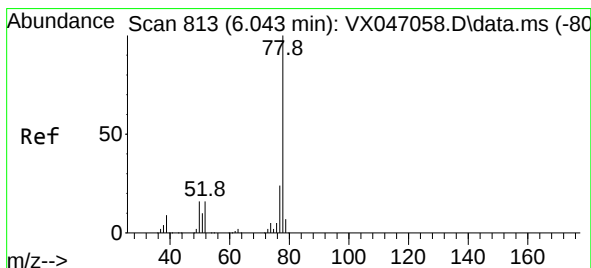
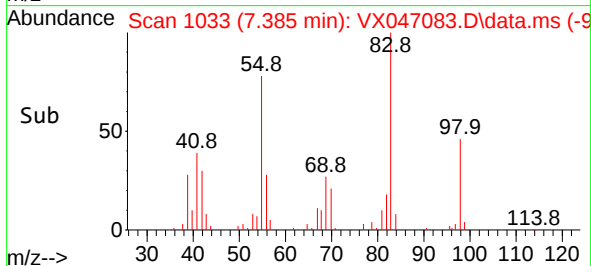
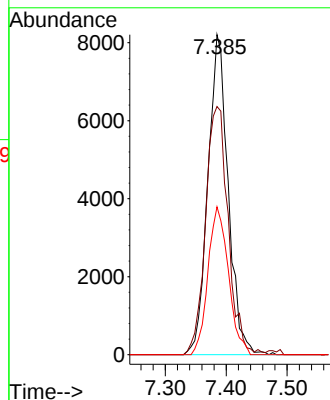
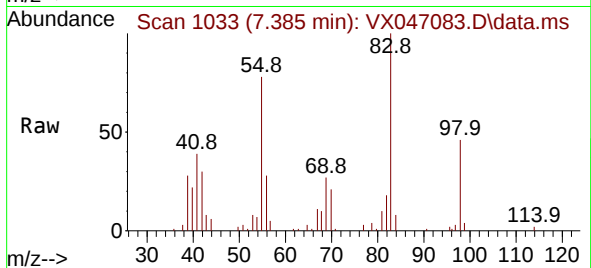
Tgt Ion: 83 Resp: 1896
 Ion Ratio Lower Upper
 83 100
 55 77.5 64.5 96.7
 98 46.2 36.9 55.3

Manual Integrations

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Reviewed By :John Carlone 07/24/2025

Supervised By :Mahesh Dadoda 07/24/2025



#40

Benzene

Concen: 7.383 ug/l

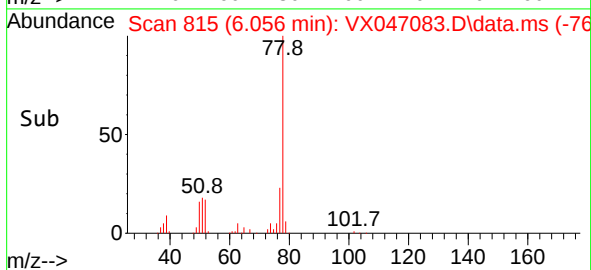
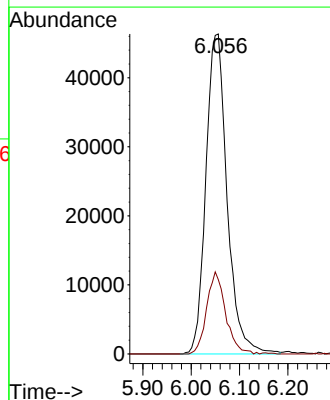
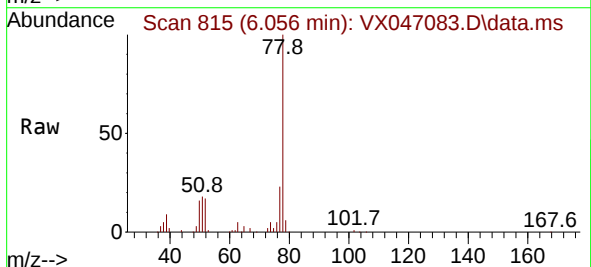
RT: 6.056 min Scan# 815

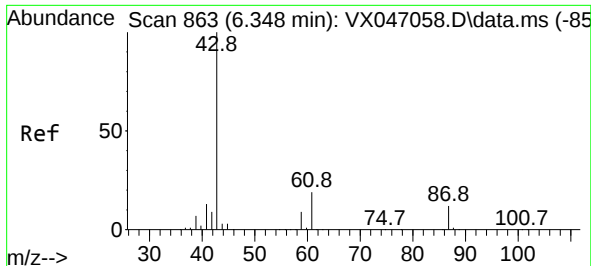
Delta R.T. 0.013 min

Lab File: VX047083.D

Acq: 23 Jul 2025 12:22

Tgt Ion: 78 Resp: 141315
 Ion Ratio Lower Upper
 78 100
 77 23.2 19.0 28.4





#43

Isopropyl Acetate

Concen: 1.387 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.007 min

Lab File: VX047083.D

Acq: 23 Jul 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

TP-2

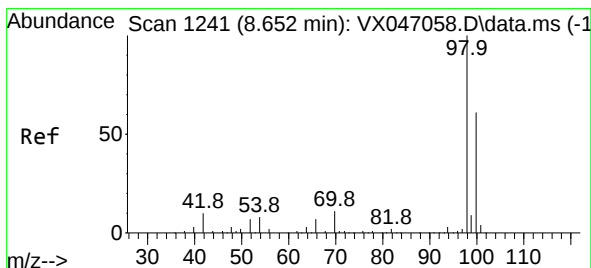
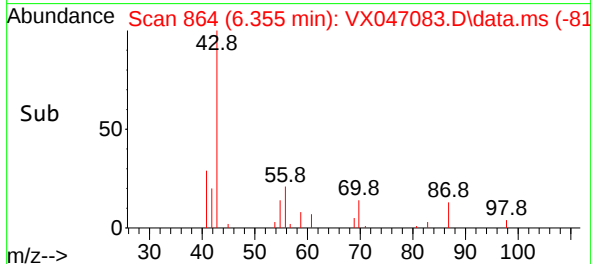
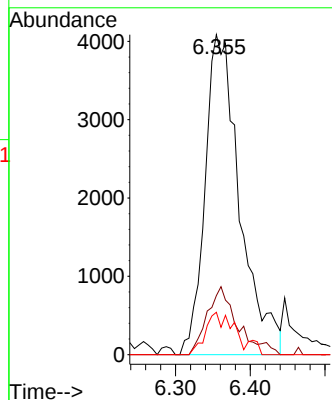
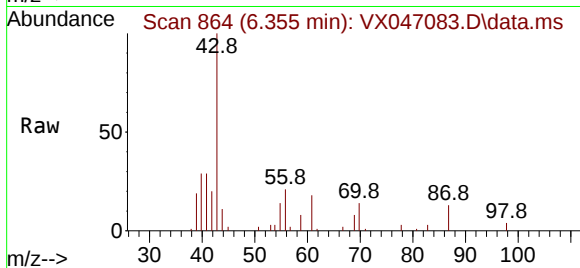
Tgt Ion: 43	Resp: 13180
Ion Ratio	Lower Upper
43 100	
61 18.6	15.1 22.7
87 10.2	9.7 14.5

Manual Integrations

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Supervised By :Mahesh Dadoda 07/24/2025



#50

Toluene-d8

Concen: 53.929 ug/l

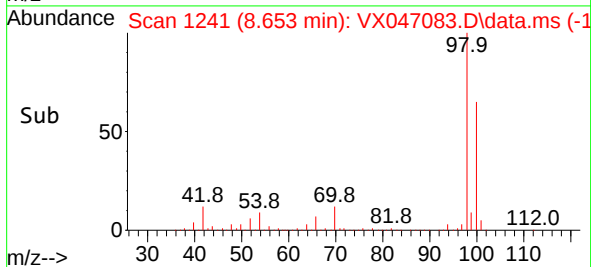
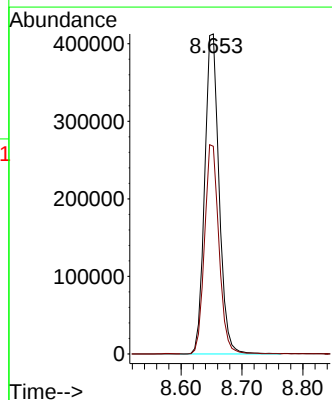
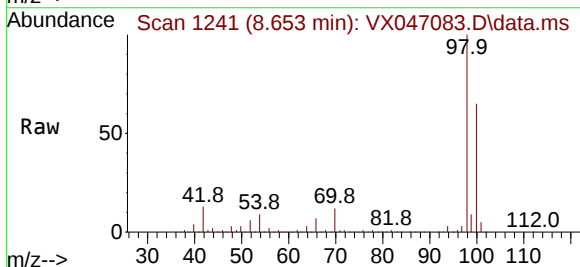
RT: 8.653 min Scan# 1241

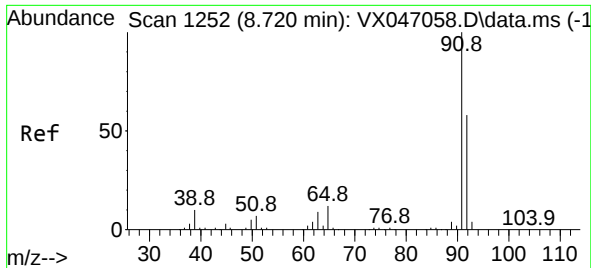
Delta R.T. 0.000 min

Lab File: VX047083.D

Acq: 23 Jul 2025 12:22

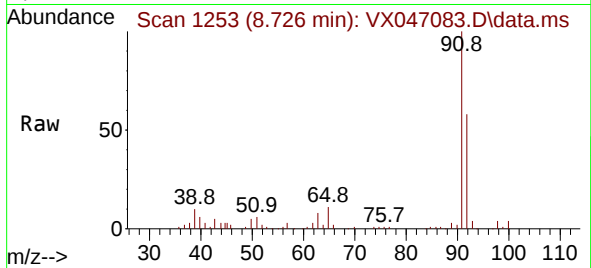
Tgt Ion: 98	Resp: 677686
Ion Ratio	Lower Upper
98 100	
100 65.5	53.3 79.9





#52
Toluene
Concen: 1.991 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.007 min
Lab File: VX047083.D
Acq: 23 Jul 2025 12:22

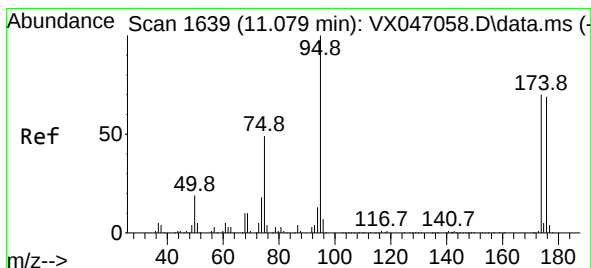
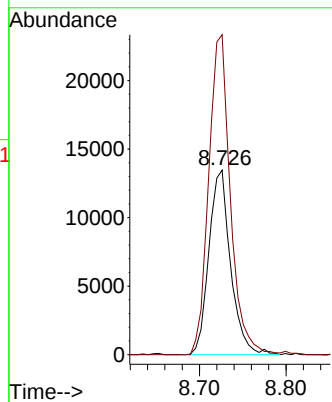
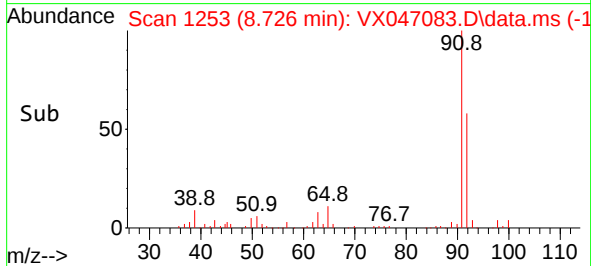
Instrument :
MSVOA_X
ClientSampleId :
TP-2



Tgt Ion: 92 Resp: 23436
Ion Ratio Lower Upper
92 100
91 173.1 137.9 206.9

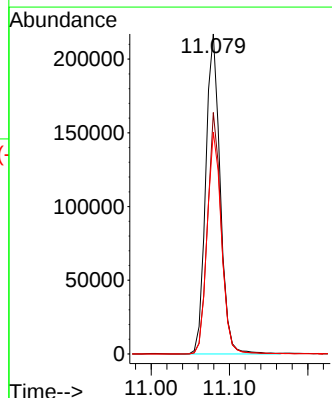
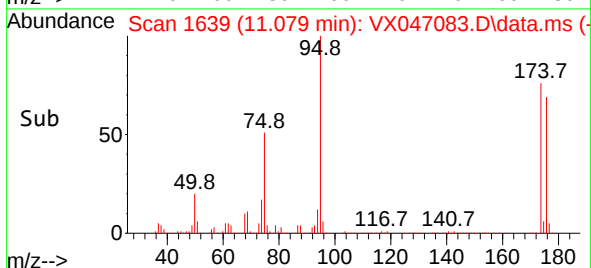
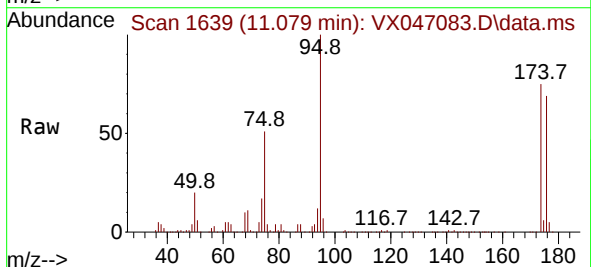
Manual Integrations
APPROVED

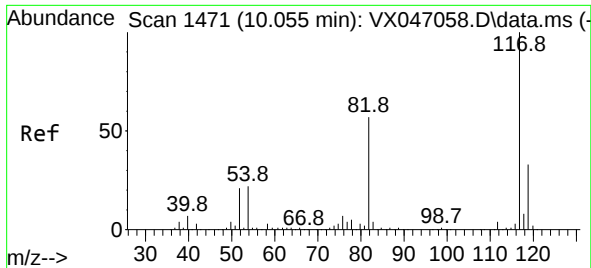
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#62
4-Bromofluorobenzene
Concen: 51.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047083.D
Acq: 23 Jul 2025 12:22

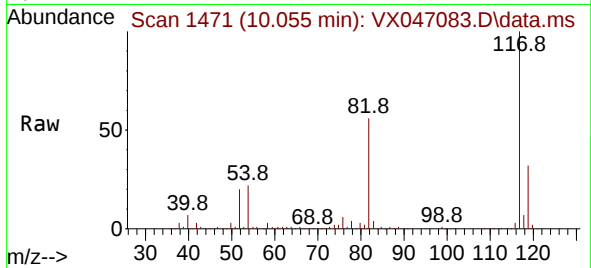
Tgt Ion: 95 Resp: 277275
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.6
176 69.0 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047083.D
Acq: 23 Jul 2025 12:22

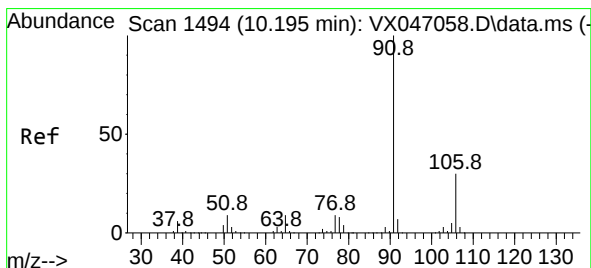
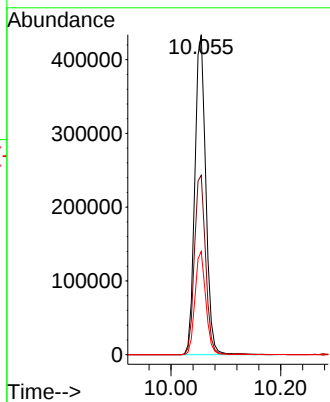
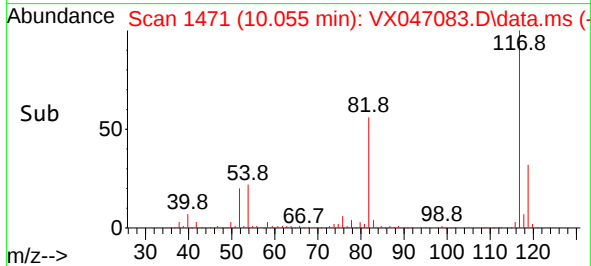
Instrument :
MSVOA_X
ClientSampleId :
TP-2



Tgt Ion:117 Resp: 60549
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 32.3 26.1 39.1

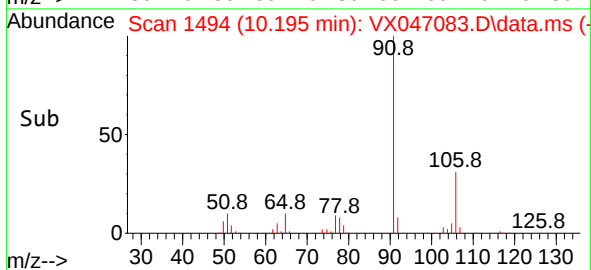
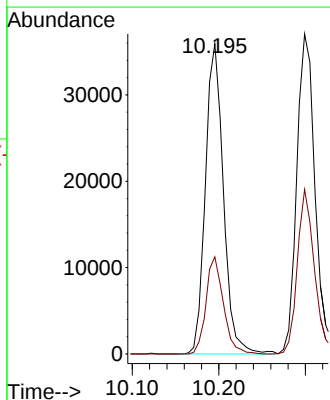
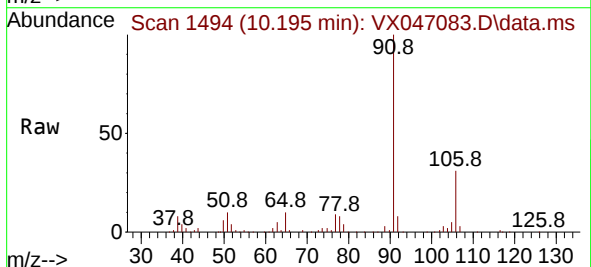
Manual Integrations
APPROVED

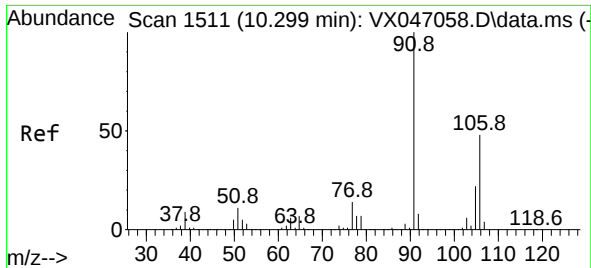
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#67
Ethyl Benzene
Concen: 2.092 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047083.D
Acq: 23 Jul 2025 12:22

Tgt Ion: 91 Resp: 51890
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4





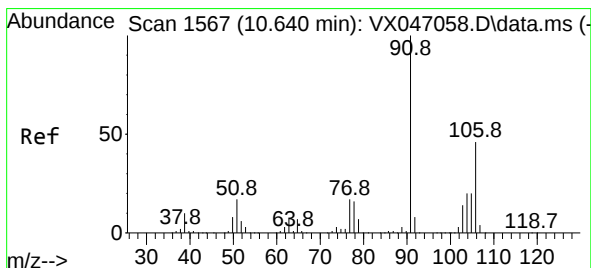
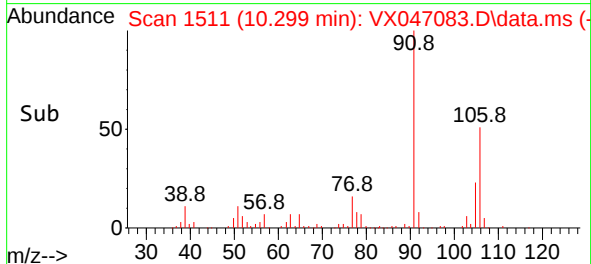
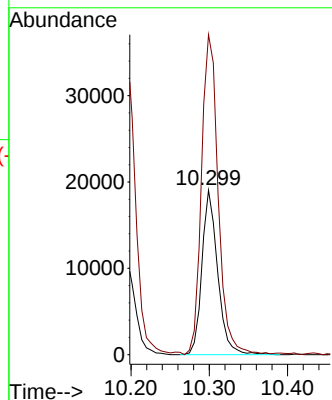
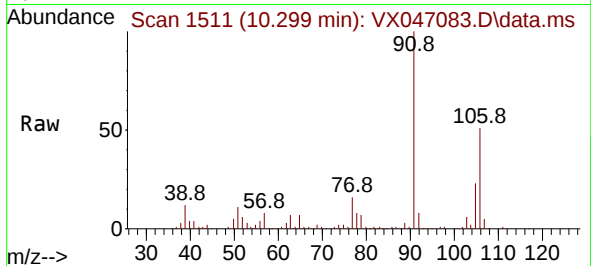
#68
m/p-Xylenes
Concen: 2.865 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047083.D
Acq: 23 Jul 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion:106 Resp: 2659
Ion Ratio Lower Upper
106 100
91 206.5 167.4 251.0

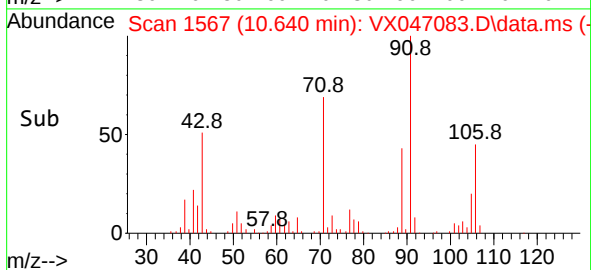
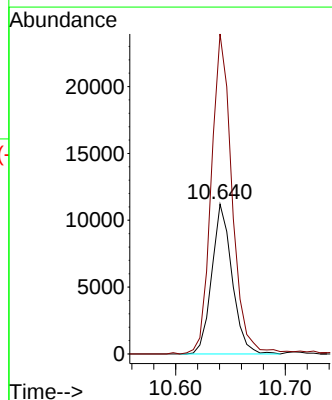
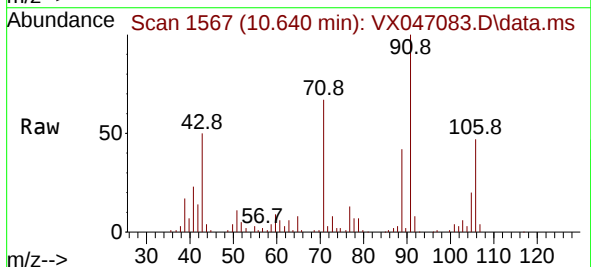
Manual Integrations
APPROVED

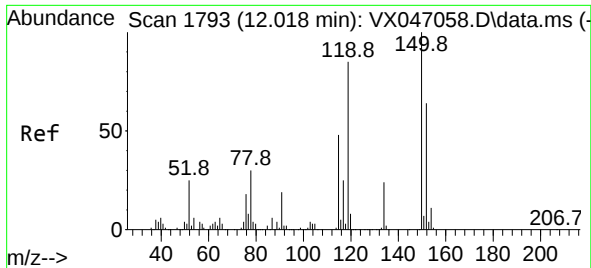
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#69
o-Xylene
Concen: 1.628 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047083.D
Acq: 23 Jul 2025 12:22

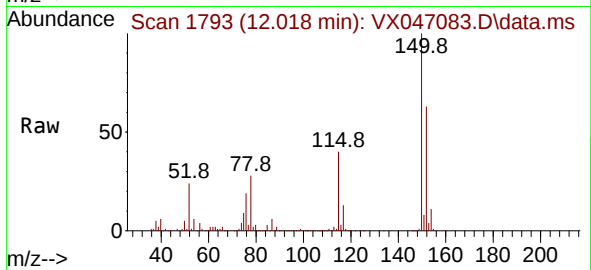
Tgt Ion:106 Resp: 14375
Ion Ratio Lower Upper
106 100
91 219.2 110.3 331.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047083.D
 Acq: 23 Jul 2025 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2



Tgt Ion:152 Resp: 291763
 Ion Ratio Lower Upper
 152 100
 115 63.5 45.6 136.7
 150 161.0 0.0 354.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

