

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046633.D
 Acq On : 11 Jun 2025 13:18
 Operator : JC/MD
 Sample : Q2203-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(JUNE)DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/11/2025
 Supervised By : Mahesh Dadoda 06/12/2025

Quant Time: Jun 11 13:36:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 06:20:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.916	128	21583	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	115703	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	106468	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.971	65	53851	30.823	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.733%			
60) 4-Bromofluorobenzene	11.079	95	52043	29.000	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.667%			
63) Toluene-d8	8.653	98	141159	29.682	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.933%			
Target Compounds						
						Qvalue
15) Acetone	2.392	58	4559	29.873	ug/l	90
16) Carbon Disulfide	2.575	76	12491m	3.494	ug/l	
30) 2-Butanone	4.593	43	4515m	5.566	ug/l	
58) 4-Methyl-2-Pentanone	8.586	43	901	0.520	ug/l #	83
62) Toluene	8.720	91	266024	46.105	ug/l	100
82) p-Isopropyltoluene	12.012	119	3778	0.689	ug/l	99

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

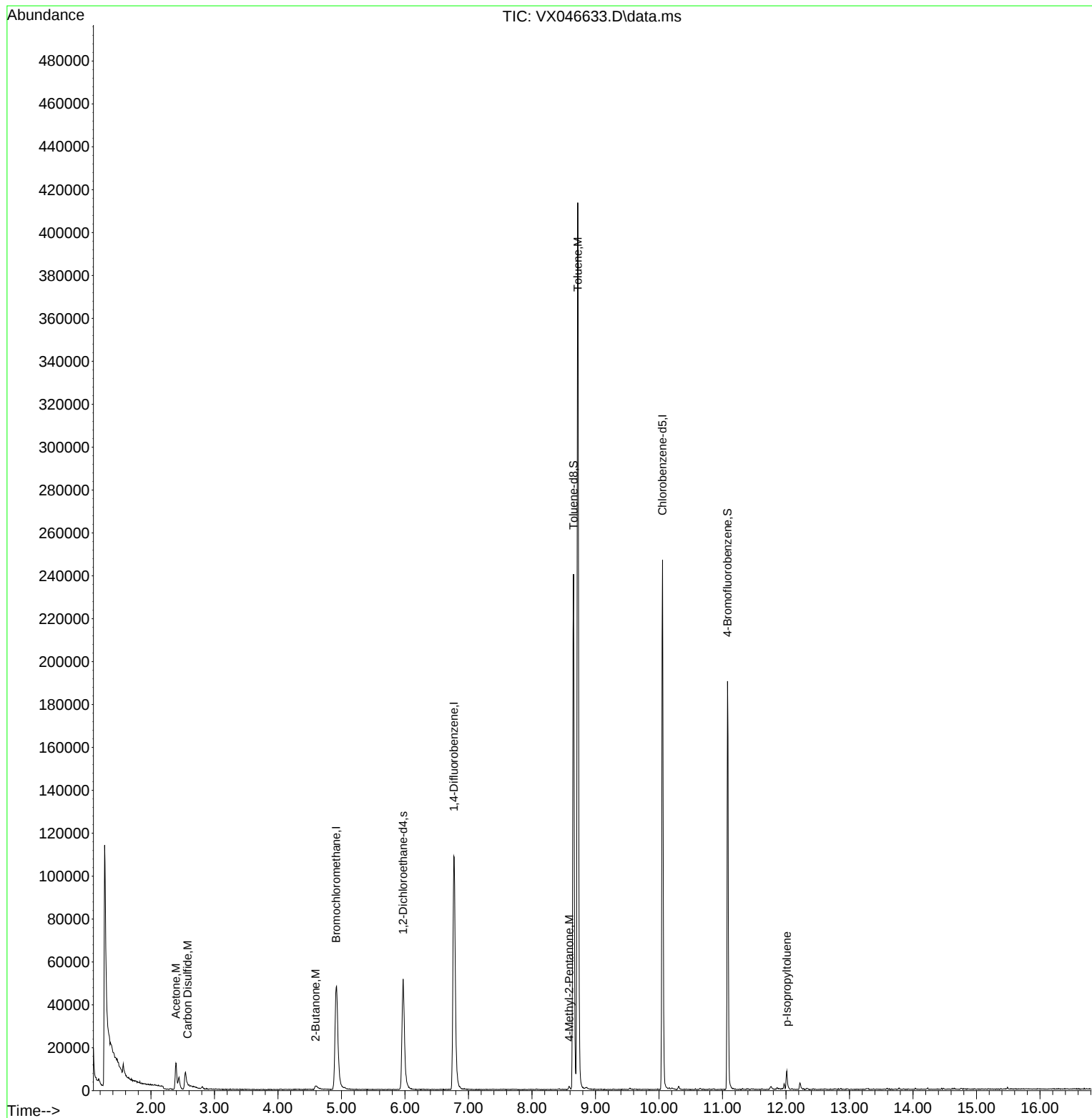
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046633.D
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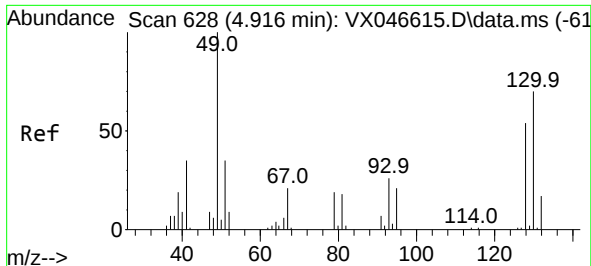
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUNE)DL

Quant Time: Jun 11 13:36:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
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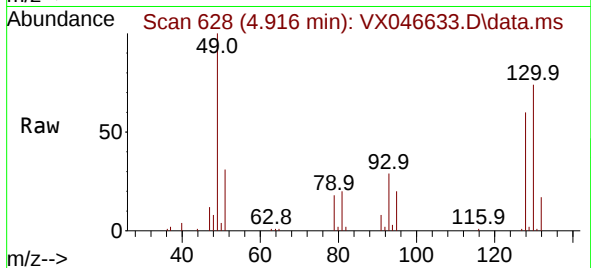
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/12/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

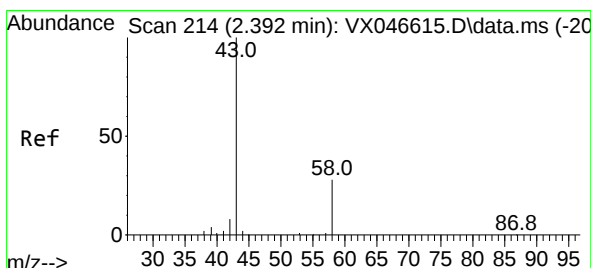
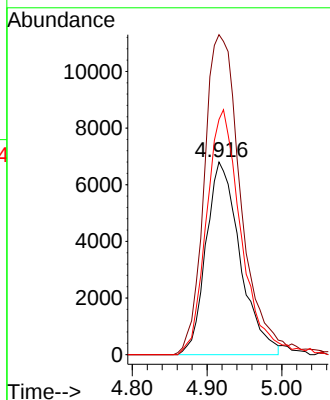
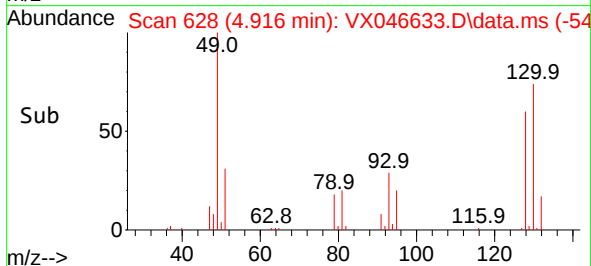
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUNE)DL



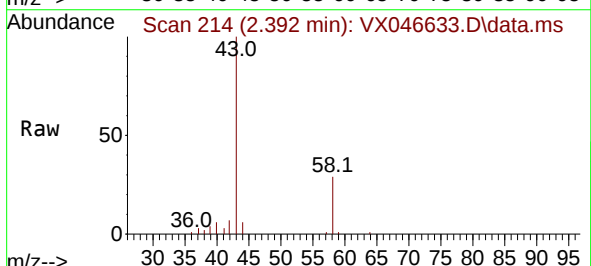
Tgt Ion:128 Resp: 2158
Ion Ratio Lower Upper
128 100
49 177.2 0.0 448.3
130 128.6 0.0 312.0

Manual Integrations
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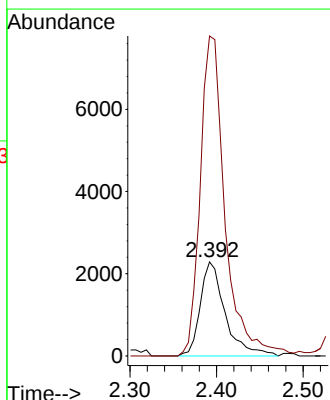
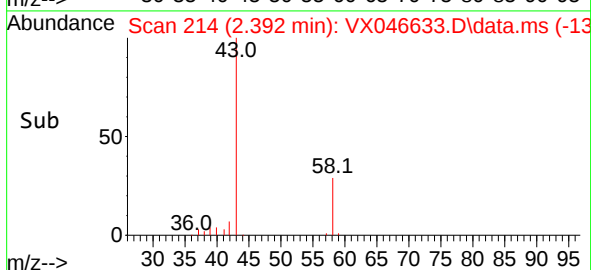
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/12/2025

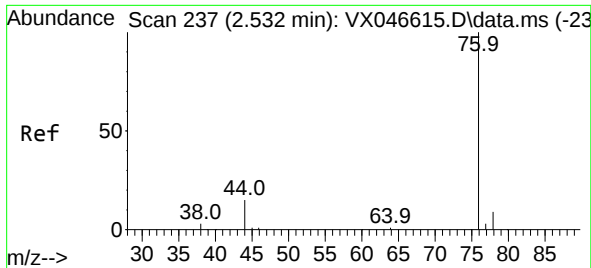


#15
Acetone
Concen: 29.873 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18



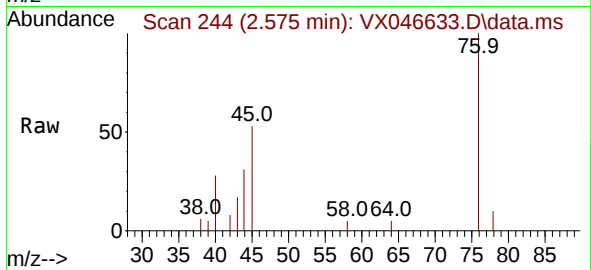
Tgt Ion: 58 Resp: 4559
Ion Ratio Lower Upper
58 100
43 340.4 290.6 435.8





#16
Carbon Disulfide
Concen: 3.494 ug/l m
RT: 2.575 min Scan# 24
Delta R.T. 0.043 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

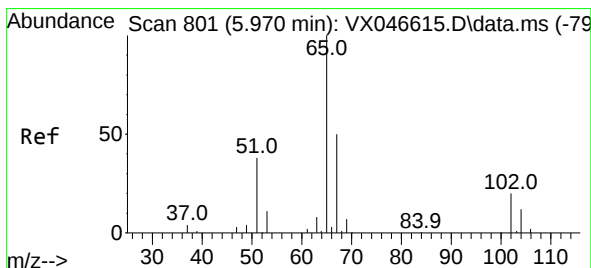
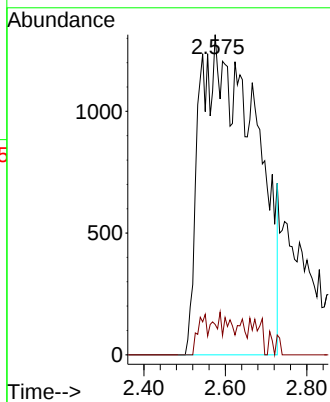
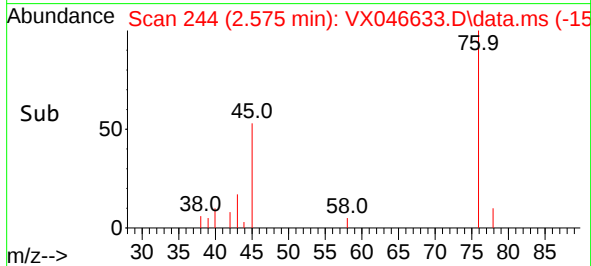
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Tgt Ion: 76 Resp: 1249
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

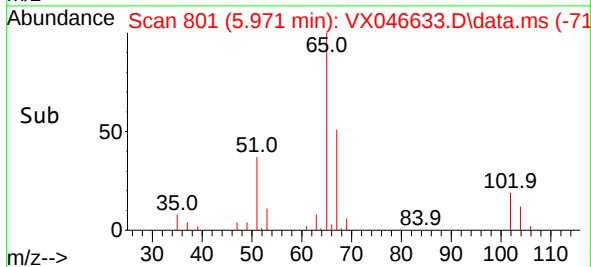
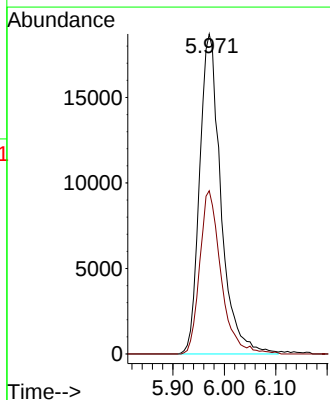
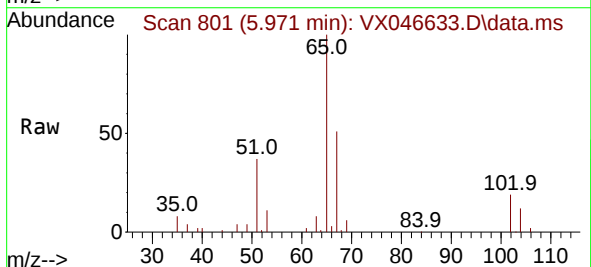
Manual Integrations
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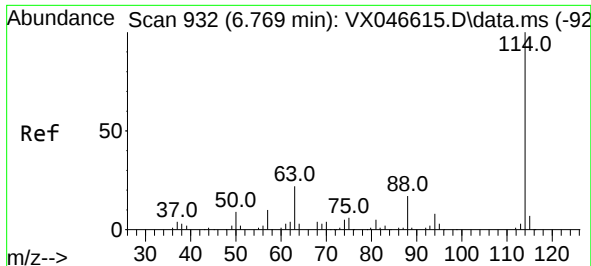
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/12/2025



#27
1,2-Dichloroethane-d4
Concen: 30.823 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

Tgt Ion: 65 Resp: 53851
Ion Ratio Lower Upper
65 100
67 49.9 41.4 62.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX046633.D

Acq: 11 Jun 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JUNE)DL

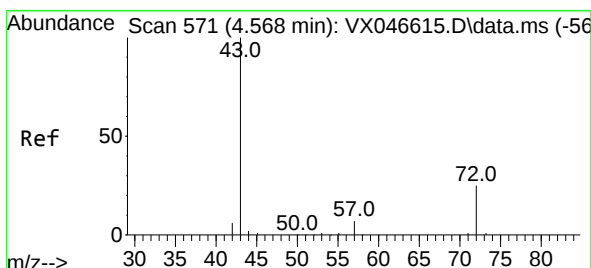
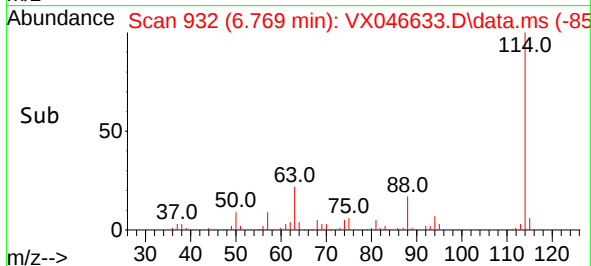
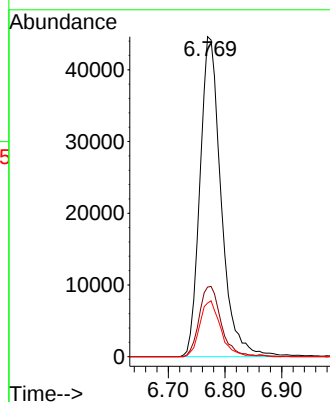
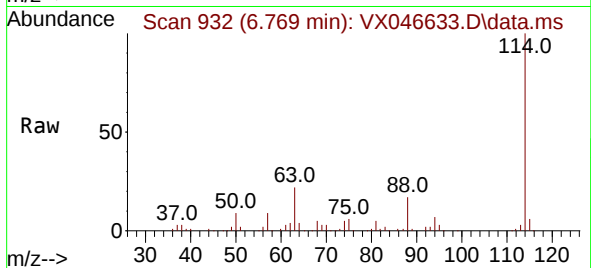
Tgt Ion:	114	Resp:	11570
Ion Ratio	Lower	Upper	
114	100		
63	22.5	18.1	27.1
88	17.2	14.1	21.1

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Supervised By :Mahesh Dadoda 06/12/2025



#30

2-Butanone

Concen: 5.566 ug/l m

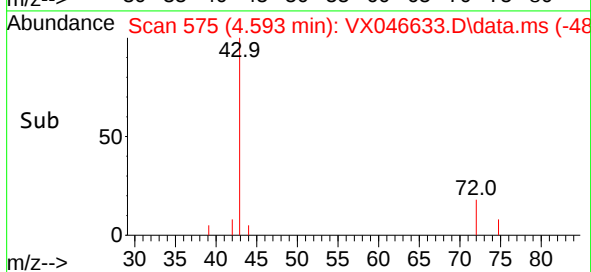
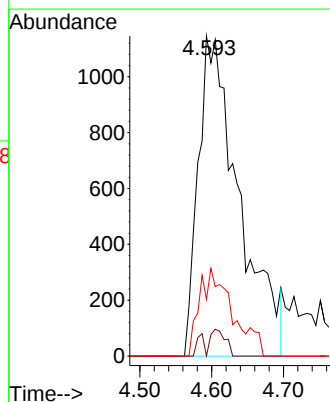
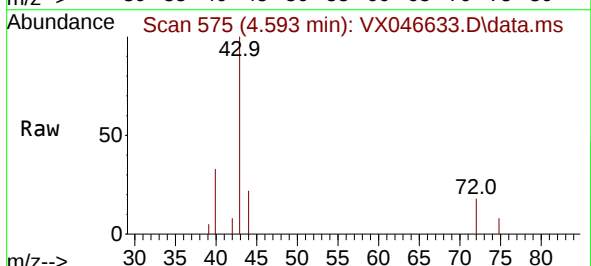
RT: 4.593 min Scan# 575

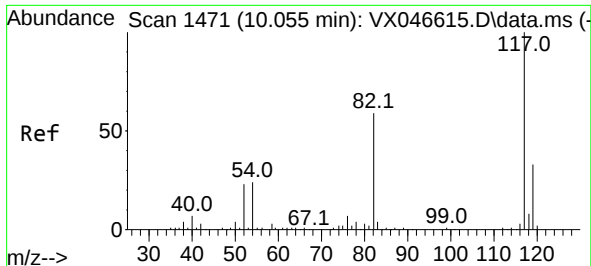
Delta R.T. 0.025 min

Lab File: VX046633.D

Acq: 11 Jun 2025 13:18

Tgt Ion:	43	Resp:	4515
Ion Ratio	Lower	Upper	
43	100		
57	1.2	5.8	8.6#
72	0.0	19.4	29.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX046633.D

Acq: 11 Jun 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JUNE)DL

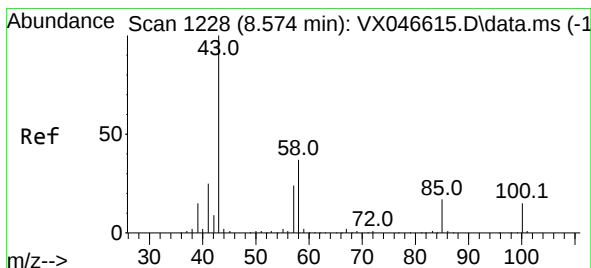
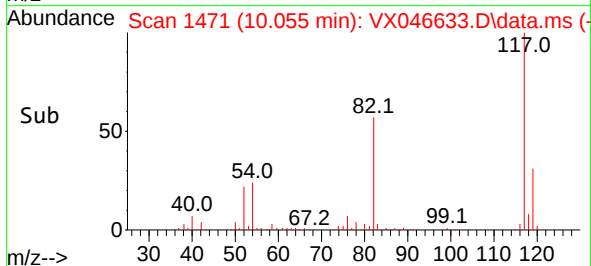
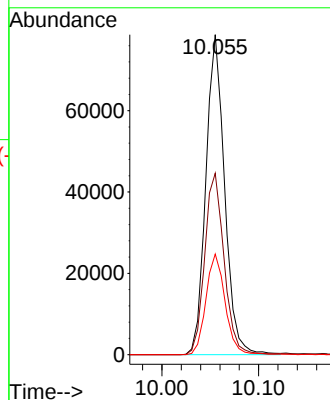
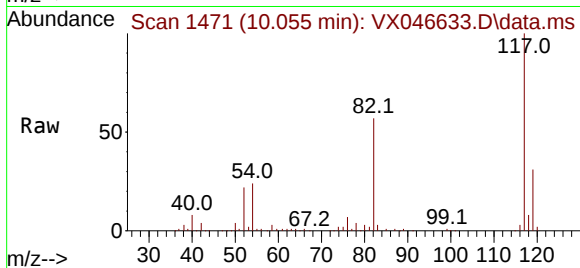
Tgt Ion: 117 Resp: 106468

Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.5	69.7
119	32.1	25.8	38.6

Manual Integrations
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Supervised By :Mahesh Dadoda 06/12/2025



#58

4-Methyl-2-Pentanone

Concen: 0.520 ug/l

RT: 8.586 min Scan# 1230

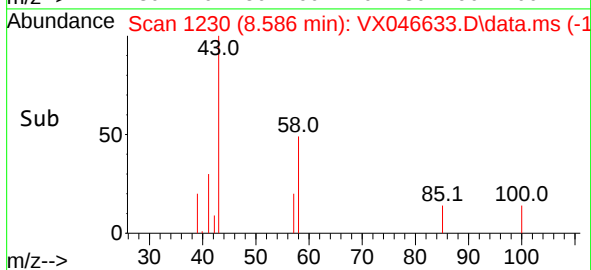
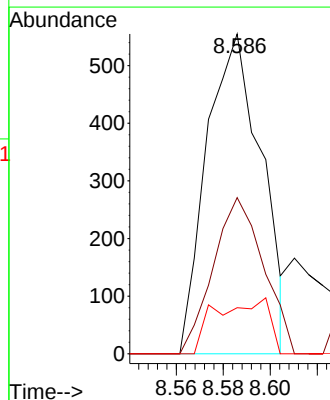
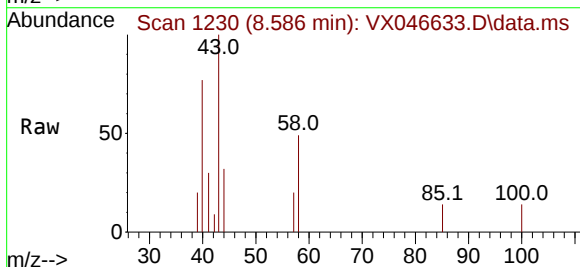
Delta R.T. 0.012 min

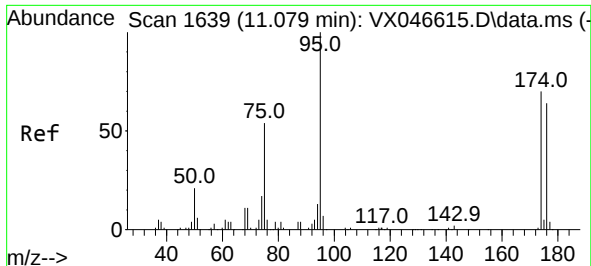
Lab File: VX046633.D

Acq: 11 Jun 2025 13:18

Tgt Ion: 43 Resp: 901

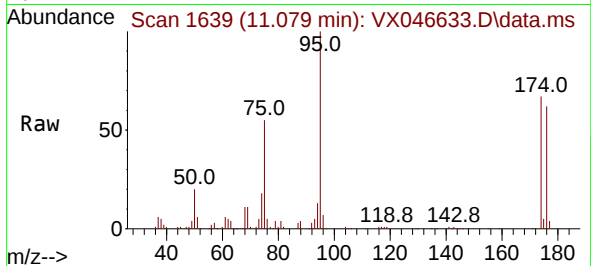
Ion	Ratio	Lower	Upper
43	100		
58	44.7	29.4	44.2#
85	6.2	13.3	19.9#





#60
4-Bromofluorobenzene
Concen: 29.000 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

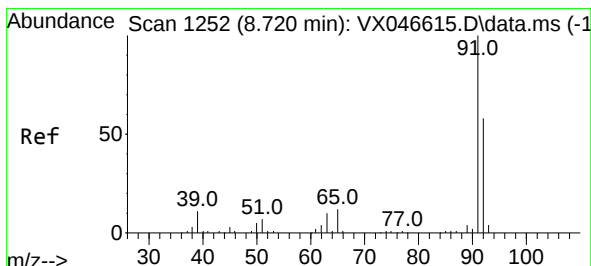
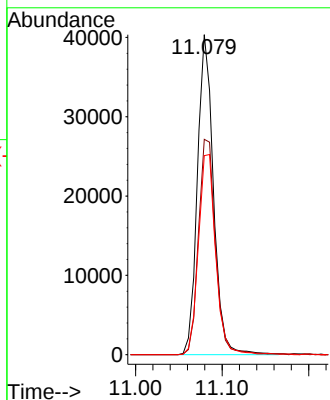
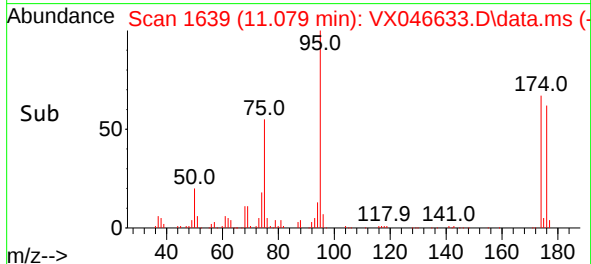
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Tgt Ion: 95 Resp: 5204
Ion Ratio Lower Upper
95 100
174 71.2 56.0 84.0
176 67.0 52.2 78.4

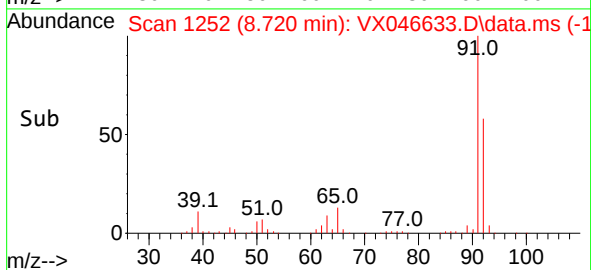
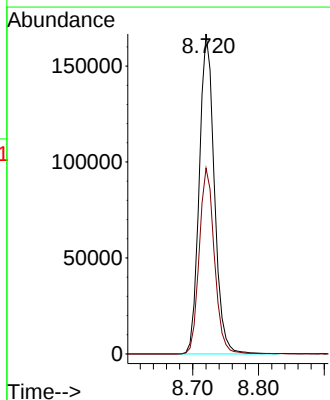
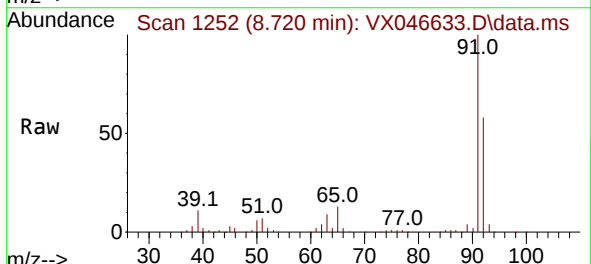
Manual Integrations
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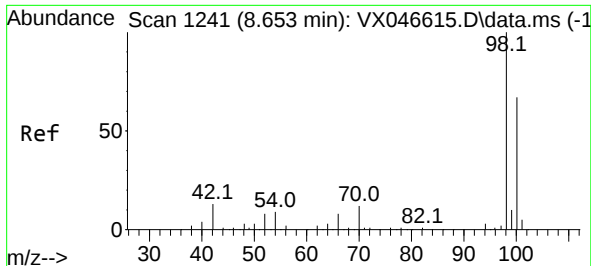
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/12/2025



#62
Toluene
Concen: 46.105 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

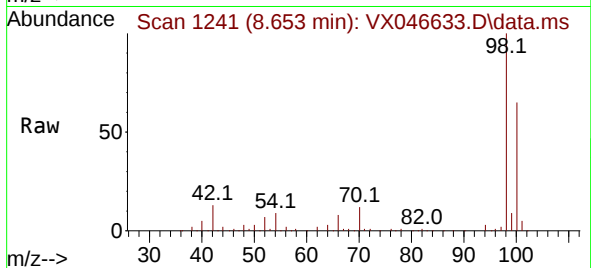
Tgt Ion: 91 Resp: 266024
Ion Ratio Lower Upper
91 100
92 58.3 46.8 70.2





#63
Toluene-d8
Concen: 29.682 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18

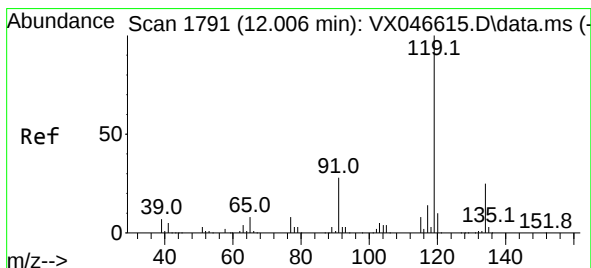
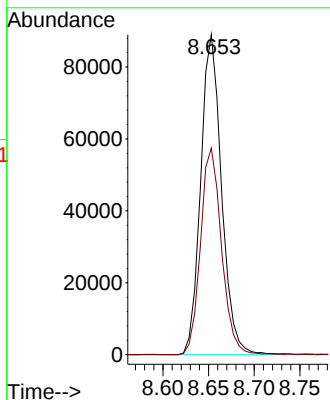
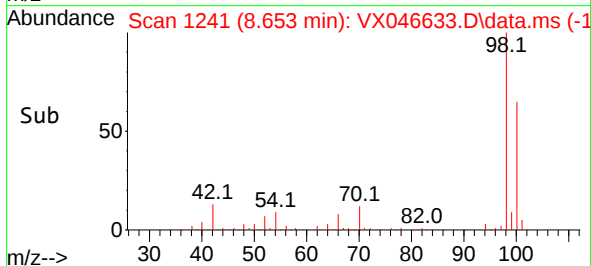
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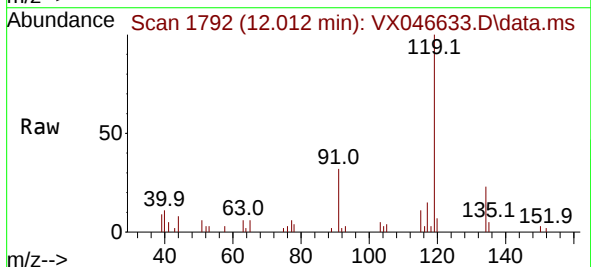
Tgt Ion: 98 Resp: 141159
Ion Ratio Lower Upper
98 100
100 64.9 52.6 79.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/12/2025



#82
p-Isopropyltoluene
Concen: 0.689 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX046633.D
Acq: 11 Jun 2025 13:18



Tgt Ion:119 Resp: 3778
Ion Ratio Lower Upper
119 100
134 24.8 0.0 50.0
91 28.1 0.0 54.0

