

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
 Data File : VX045292.D
 Acq On : 14 Mar 2025 13:22
 Operator : JC/MD
 Sample : Q1495-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(MAR)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

Quant Time: Mar 15 03:58:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	16144	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.757	114	84818	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	76342	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	50209	32.021	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.733%			
60) 4-Bromofluorobenzene	11.079	95	42702	29.926	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.767%			
63) Toluene-d8	8.647	98	126300	29.905	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.667%			
Target Compounds						Qvalue
15) Acetone	2.386	58	18540	97.181	ug/l	98
30) 2-Butanone	4.587	43	7511m	8.335	ug/l	
58) 4-Methyl-2-Pentanone	8.580	43	8093	4.660	ug/l	98
62) Toluene	8.714	91	105892	20.939	ug/l	98
82) p-Isopropyltoluene	12.012	119	2068	0.468	ug/l	91
91) Naphthalene	13.780	128	2032	0.433	ug/l	99

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

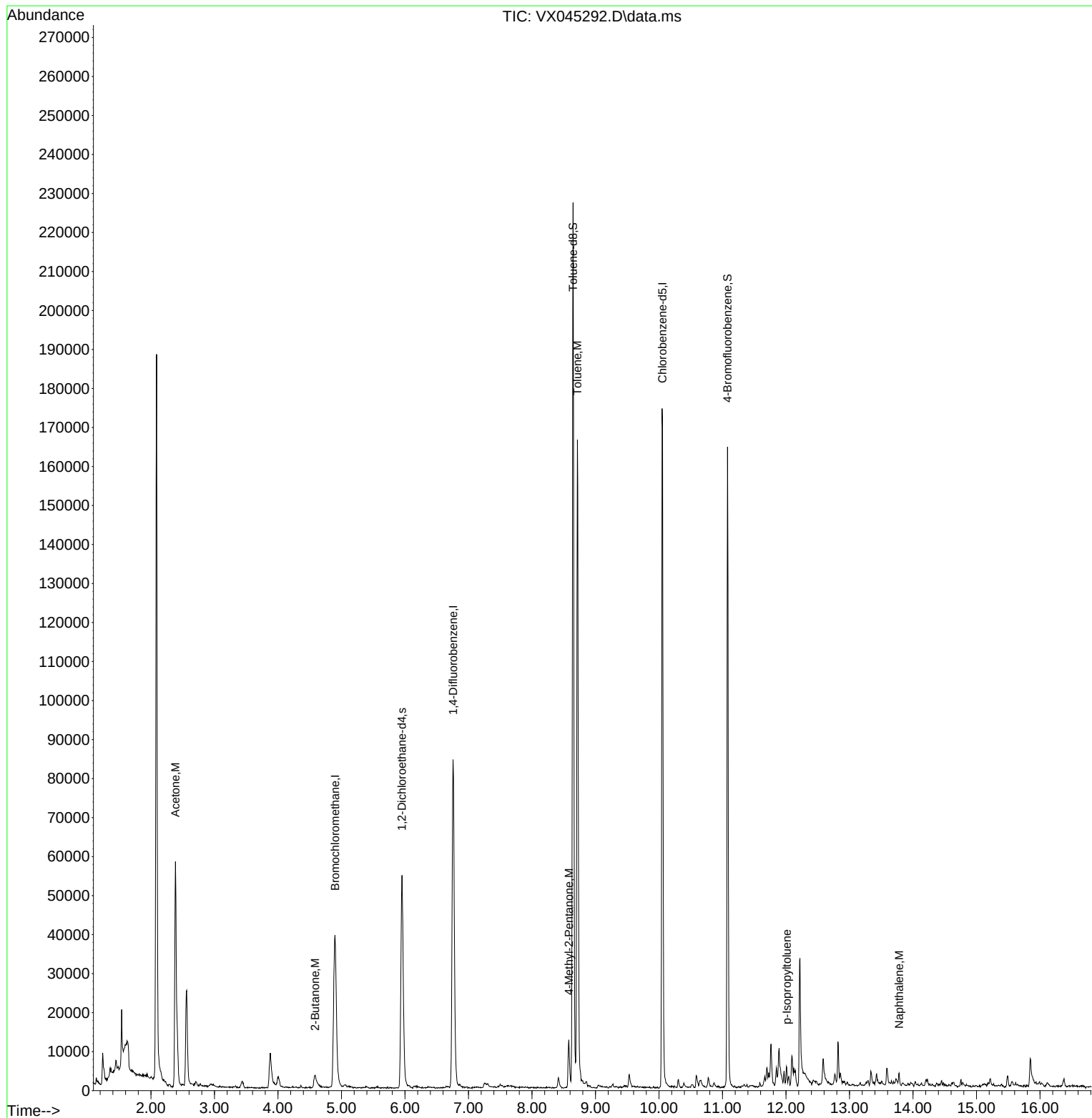
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
Data File : VX045292.D
Acq On : 14 Mar 2025 13:22
Operator : JC/MD
Sample : Q1495-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

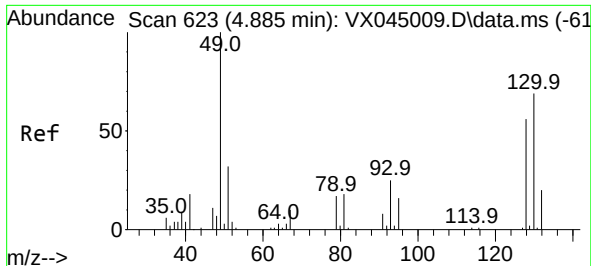
Instrument :
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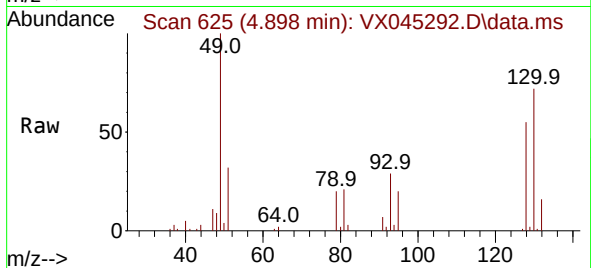
Quant Time: Mar 15 03:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 01:06:36 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX045292.D
Acq: 14 Mar 2025 13:22

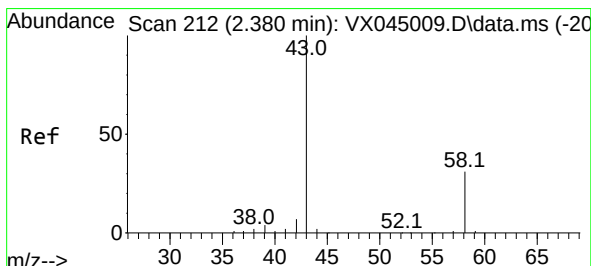
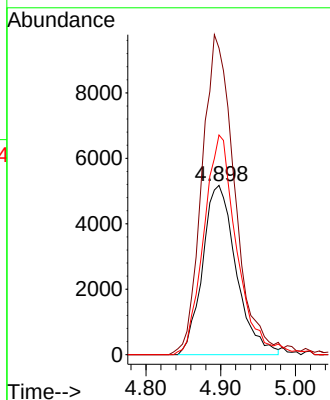
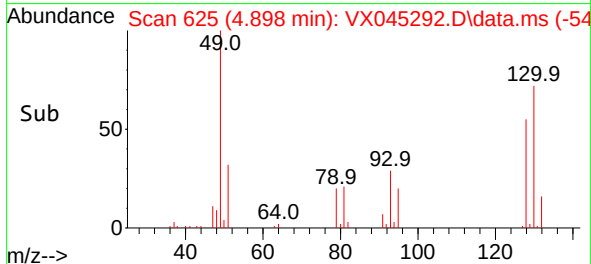
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MAR)



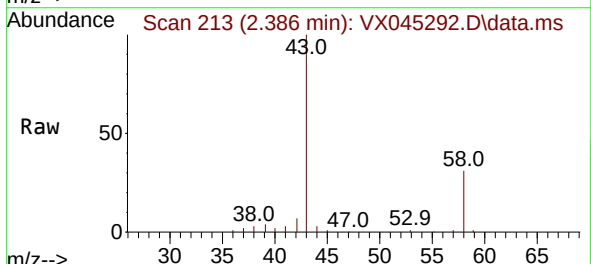
Tgt Ion:128 Resp: 16144
Ion Ratio Lower Upper
128 100
49 182.7 0.0 449.7
130 125.6 0.0 312.7

Manual Integrations
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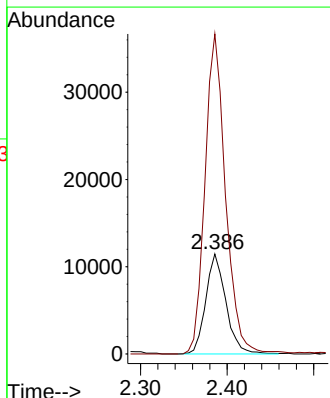
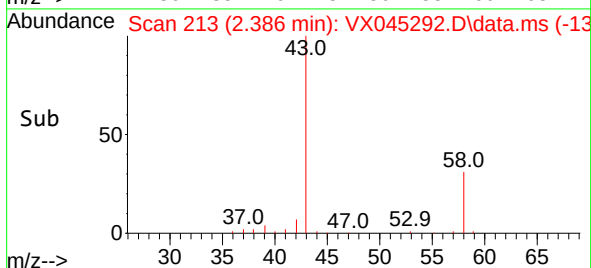
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

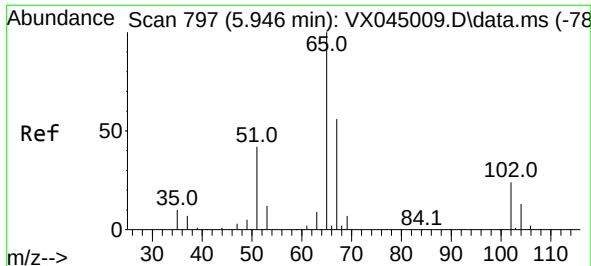


#15
Acetone
Concen: 97.181 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX045292.D
Acq: 14 Mar 2025 13:22



Tgt Ion: 58 Resp: 18540
Ion Ratio Lower Upper
58 100
43 320.1 258.6 388.0





#27

1,2-Dichloroethane-d4

Concen: 32.021 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX045292.D

Acq: 14 Mar 2025 13:22

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(MAR)

Tgt Ion: 65 Resp: 50209

Ion Ratio Lower Upper

65 100

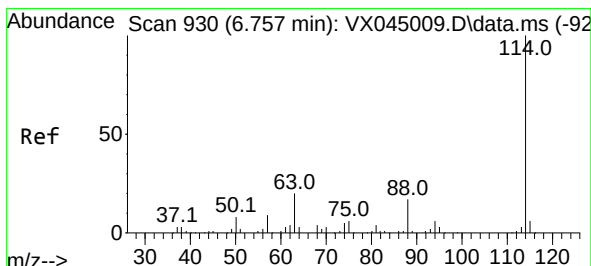
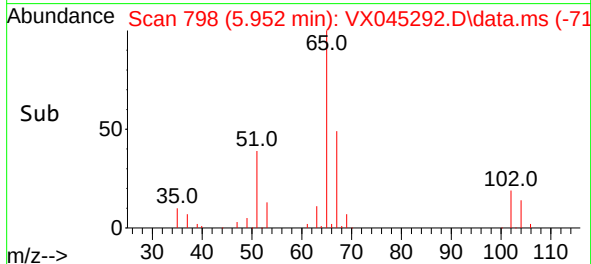
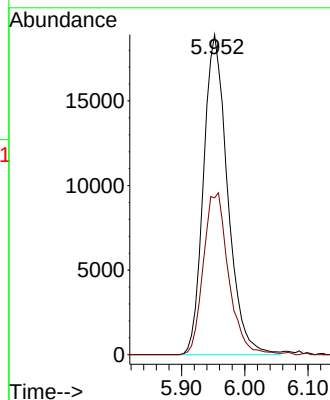
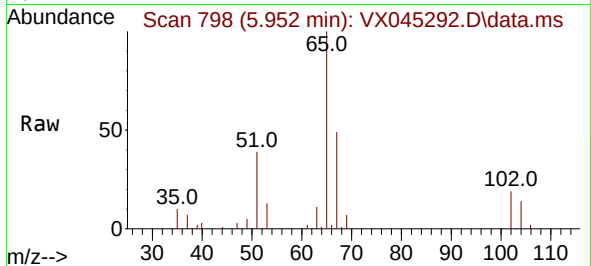
67 52.9 42.6 64.0

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045292.D

Acq: 14 Mar 2025 13:22

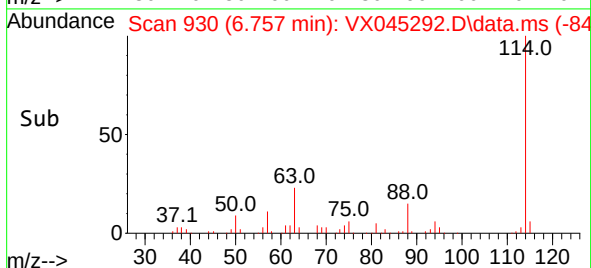
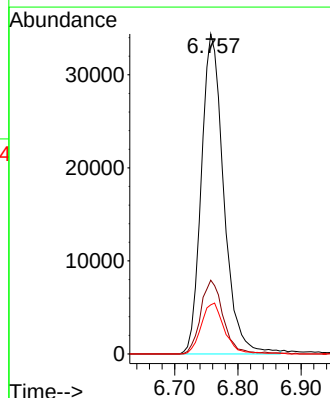
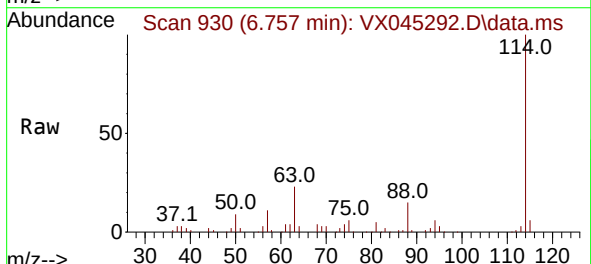
Tgt Ion:114 Resp: 84818

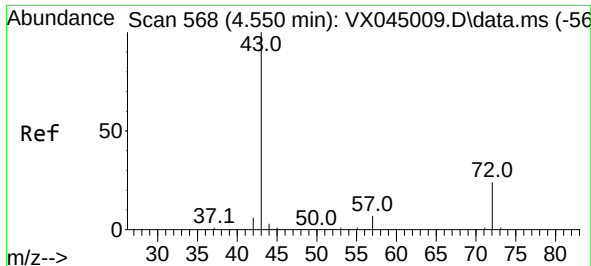
Ion Ratio Lower Upper

114 100

63 22.9 16.8 25.2

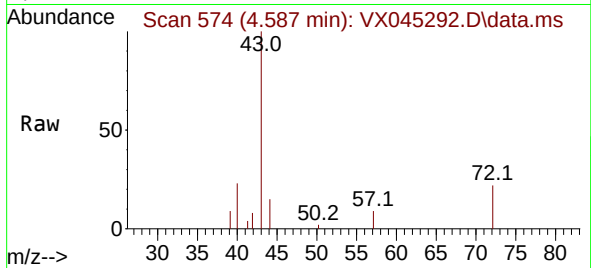
88 16.1 12.7 19.1





#30
2-Butanone
Concen: 8.335 ug/l m
RT: 4.587 min Scan# 5
Delta R.T. 0.037 min
Lab File: VX045292.D
Acq: 14 Mar 2025 13:22

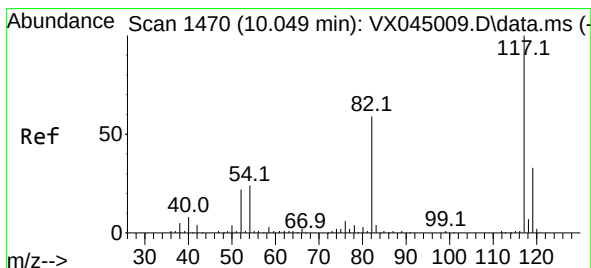
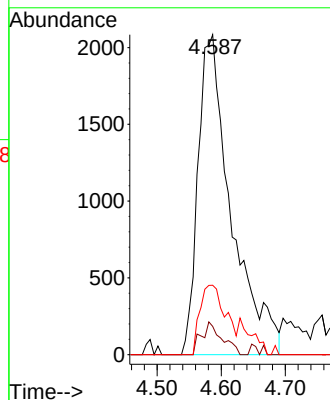
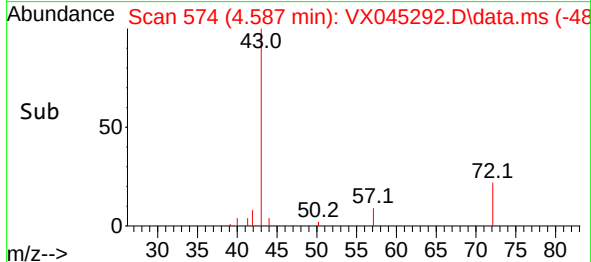
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MAR)



Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
57 1.8 6.2 9.2
72 0.0 20.2 30.2

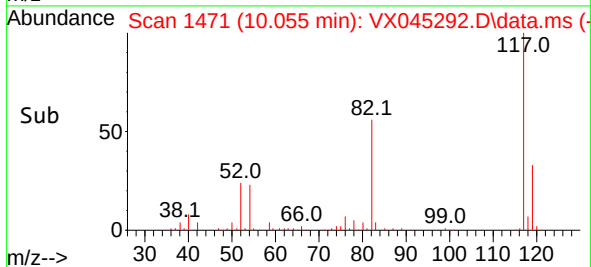
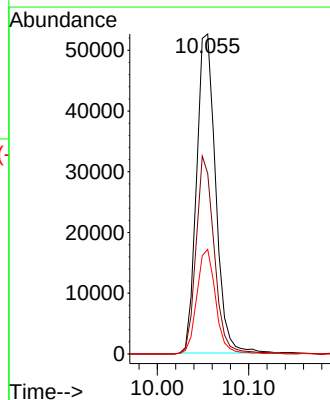
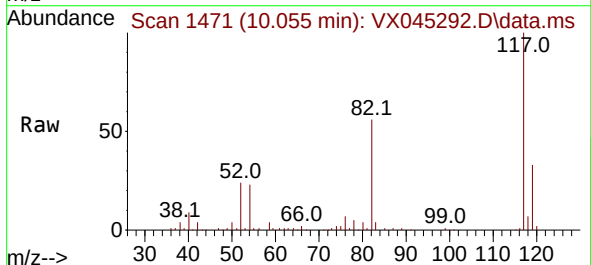
Manual Integrations
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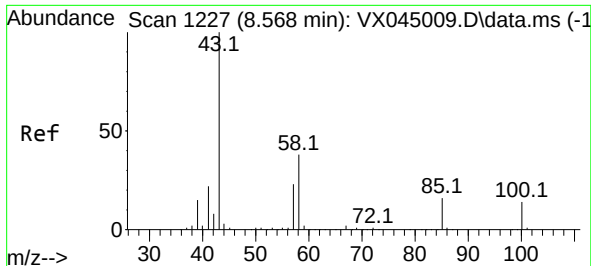
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045292.D
Acq: 14 Mar 2025 13:22

Tgt Ion:117 Resp: 76342
Ion Ratio Lower Upper
117 100
82 59.0 45.8 68.8
119 32.4 25.5 38.3





#58

4-Methyl-2-Pentanone

Concen: 4.660 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VX045292.D

Acq: 14 Mar 2025 13:22

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(MAR)

Tgt Ion: 43 Resp: 809

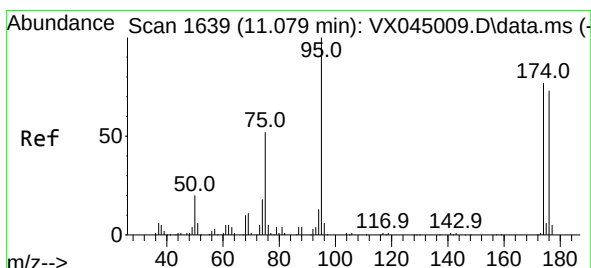
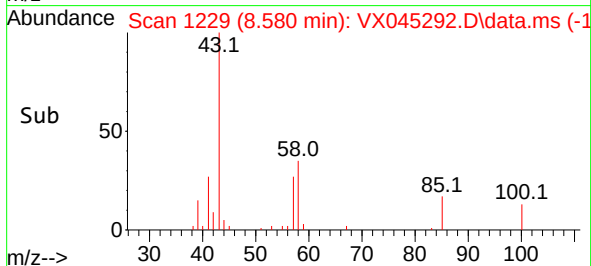
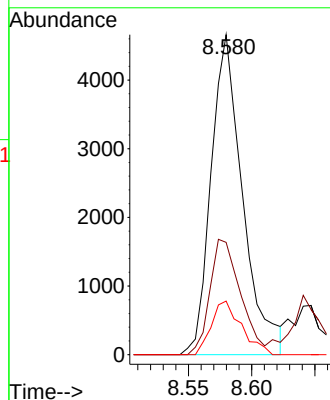
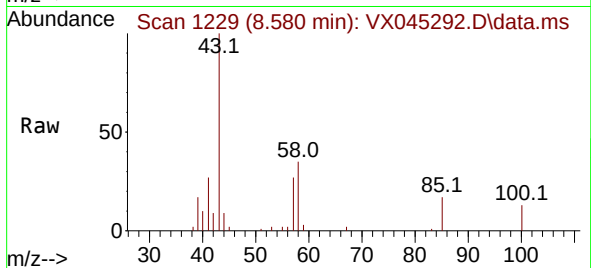
Ion	Ratio	Lower	Upper
43	100		
58	34.9	29.5	44.3
85	16.0	12.9	19.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#60

4-Bromofluorobenzene

Concen: 29.926 ug/l

RT: 11.079 min Scan# 1639

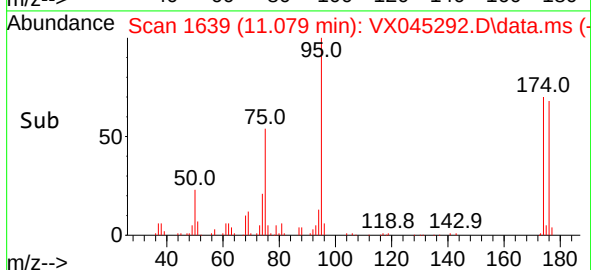
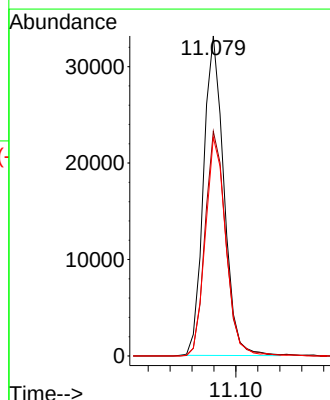
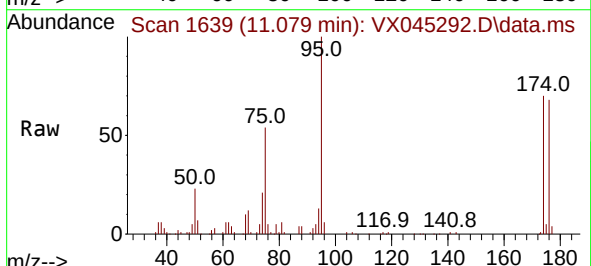
Delta R.T. -0.000 min

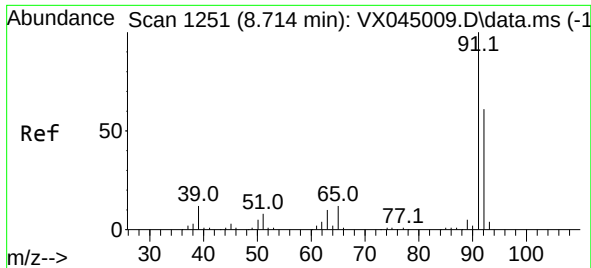
Lab File: VX045292.D

Acq: 14 Mar 2025 13:22

Tgt Ion: 95 Resp: 42702

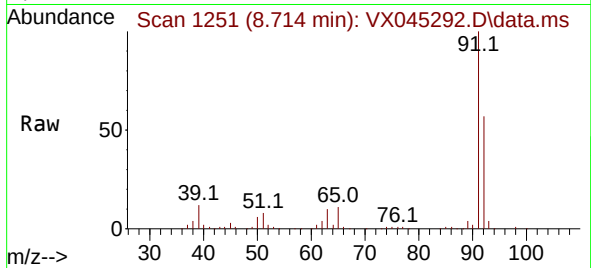
Ion	Ratio	Lower	Upper
95	100		
174	71.1	59.5	89.3
176	68.9	55.5	83.3





#62
Toluene
Concen: 20.939 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045292.D
Acq: 14 Mar 2025 13:22

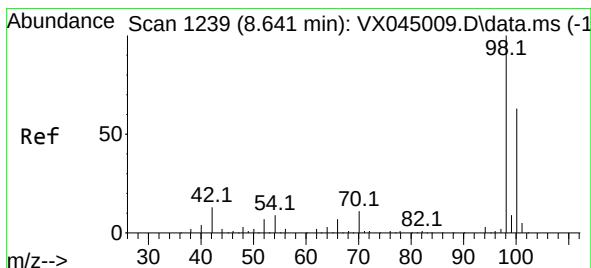
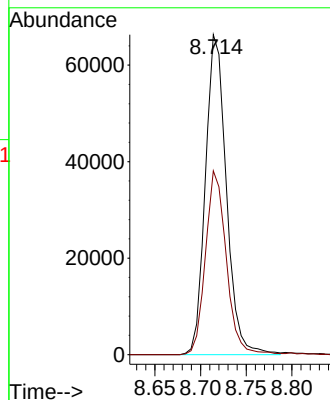
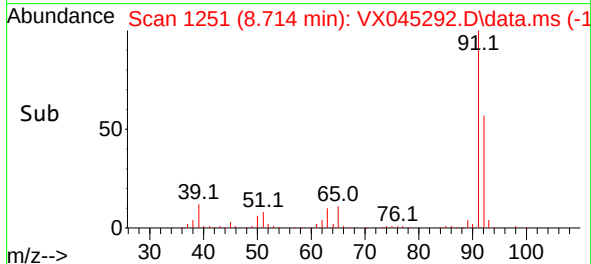
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(MAR)



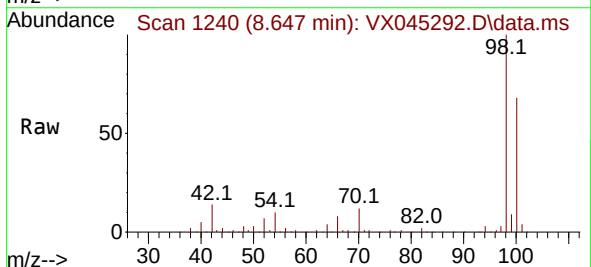
Tgt Ion: 91 Resp: 105892
Ion Ratio Lower Upper
91 100
92 57.1 46.9 70.3

Manual Integrations
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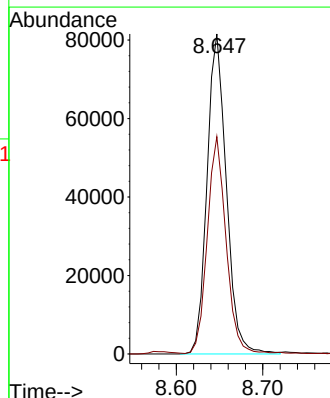
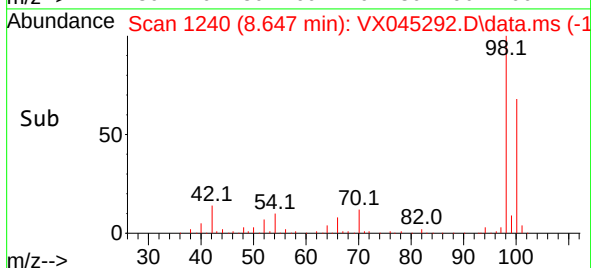
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

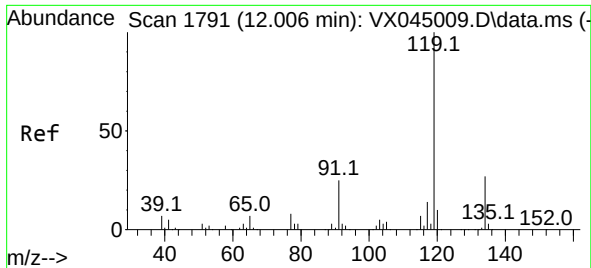


#63
Toluene-d8
Concen: 29.905 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX045292.D
Acq: 14 Mar 2025 13:22



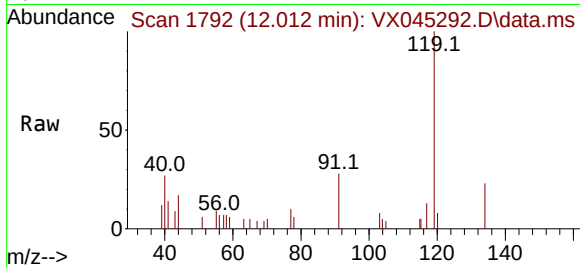
Tgt Ion: 98 Resp: 126300
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5





#82
p-Isopropyltoluene
Concen: 0.468 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.006 min
Lab File: VX045292.D
Acq: 14 Mar 2025 13:22

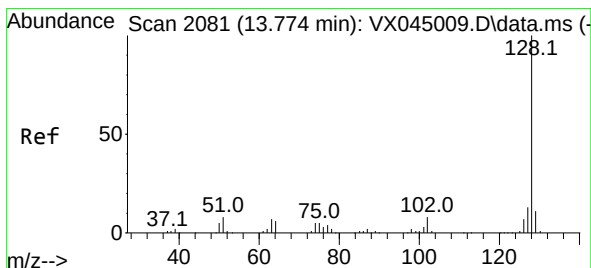
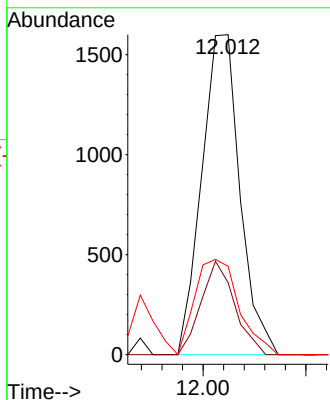
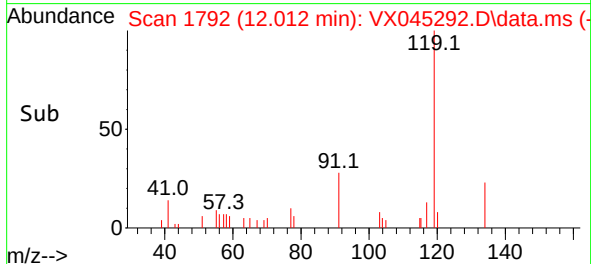
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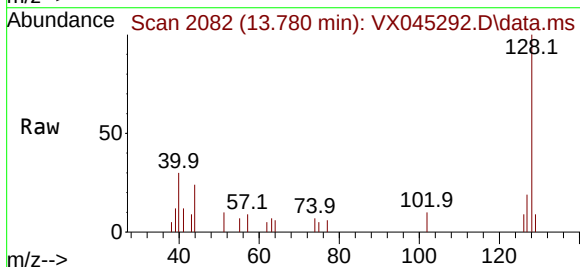
Tgt Ion:119 Resp: 2068
Ion Ratio Lower Upper
119 100
134 25.7 0.0 52.6
91 34.3 0.0 51.0

Manual Integrations
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Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#91
Naphthalene
Concen: 0.433 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045292.D
Acq: 14 Mar 2025 13:22



Tgt Ion:128 Resp: 2032
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 8.7 13.1

