

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047024.D
 Acq On : 16 Jul 2025 12:59
 Operator : JC/MD
 Sample : PB168848TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168848TB

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 03:32:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	433652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	756401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	694788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	361391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	292542	51.064	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.120%			
35) Dibromofluoromethane	5.397	113	246470	48.003	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.000%			
50) Toluene-d8	8.653	98	880099	48.583	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.160%			
62) 4-Bromofluorobenzene	11.079	95	372238	54.066	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.140%			
Target Compounds						
						Qvalue
8) Diethyl Ether	2.148	74	4404	1.622	ug/l	86
16) Acetone	2.392	43	75220	42.269	ug/l	92
18) Methyl Acetate	2.715	43	34410	7.336	ug/l	93
20) Methylene Chloride	2.806	84	31453	5.977	ug/l	97
25) 2-Butanone	4.599	43	14257	6.005	ug/l #	86
37) Ethyl Acetate	4.739	43	18989m	3.218	ug/l	
43) Isopropyl Acetate	6.361	43	16734	1.852	ug/l	96

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

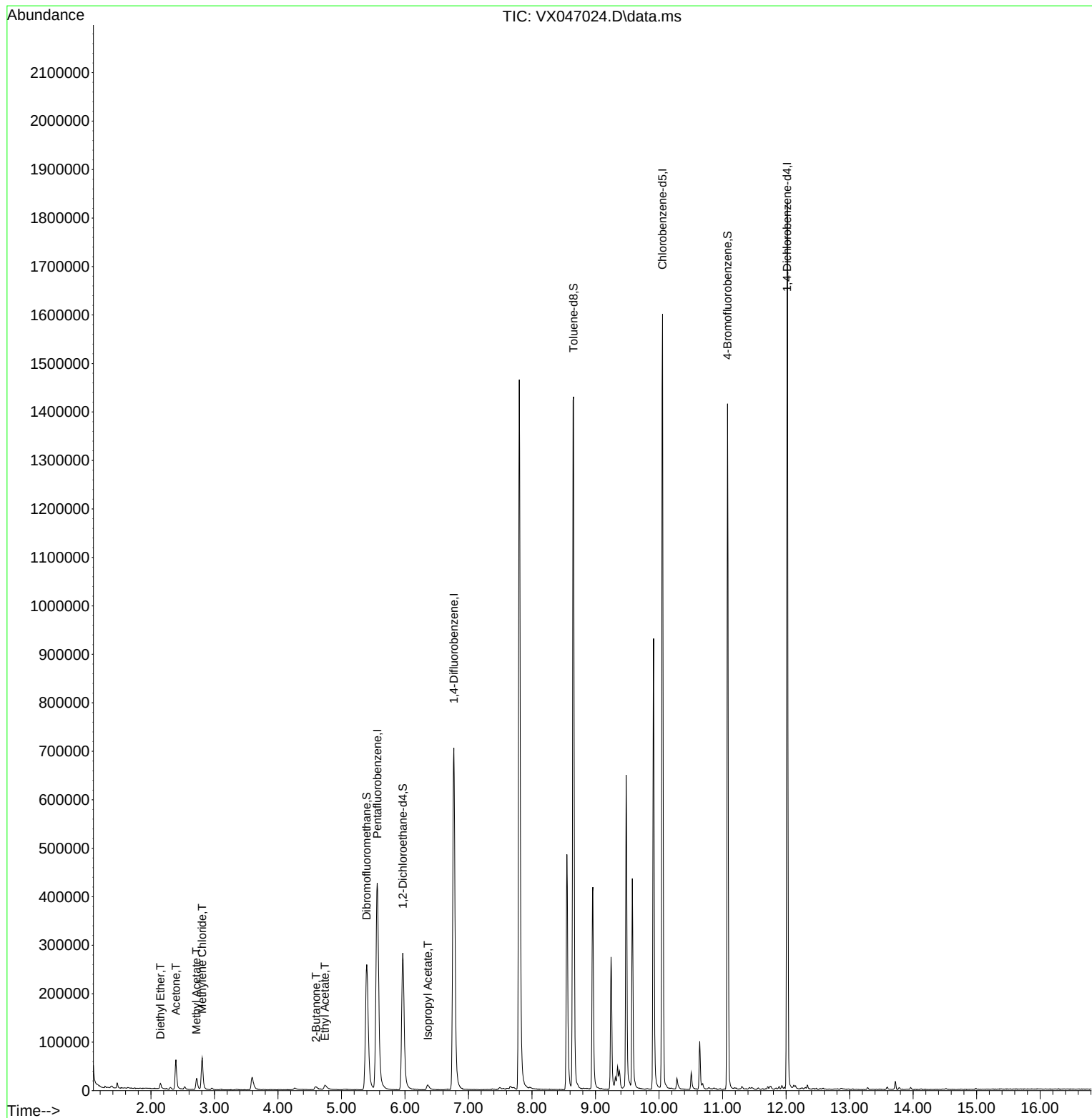
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
Data File : VX047024.D
Acq On : 16 Jul 2025 12:59
Operator : JC/MD
Sample : PB168848TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

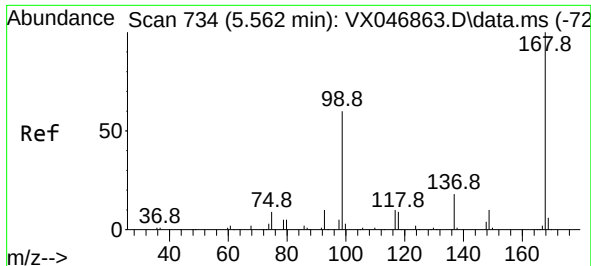
Instrument :
MSVOA_X
ClientSampleId :
PB168848TB

Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 07/17/2025

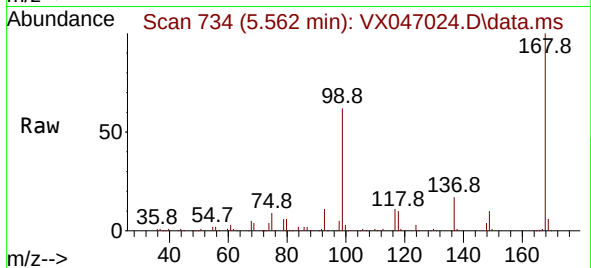
Quant Time: Jul 17 03:32:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX047024.D
Acq: 16 Jul 2025 12:59

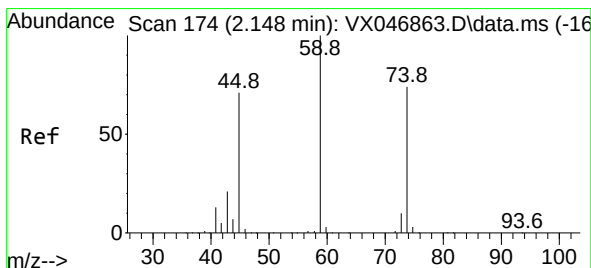
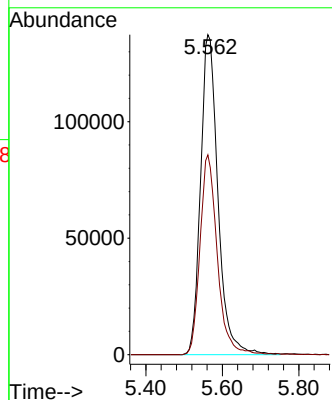
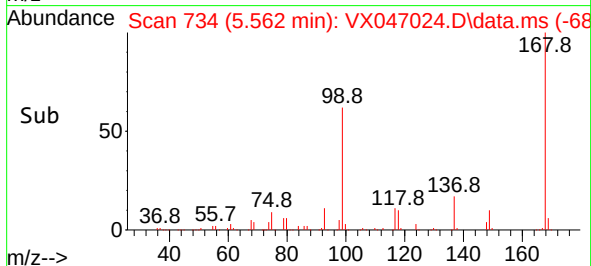
Instrument :
MSVOA_X
ClientSampleId :
PB168848TB



Tgt Ion:168 Resp: 433652
Ion Ratio Lower Upper
168 100
99 62.4 48.8 73.2

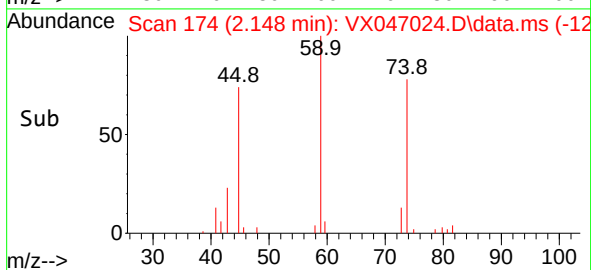
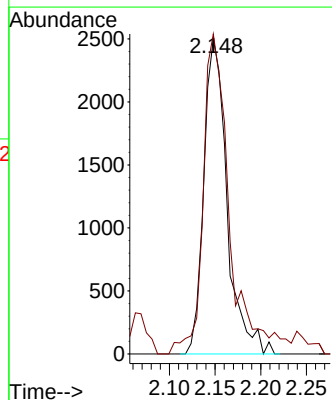
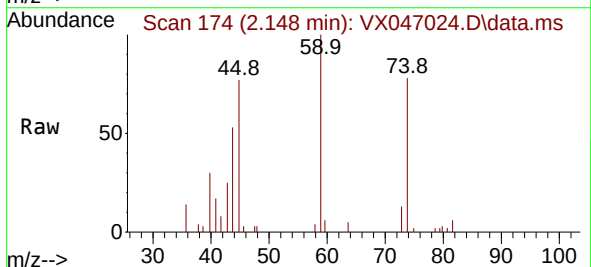
Manual Integrations
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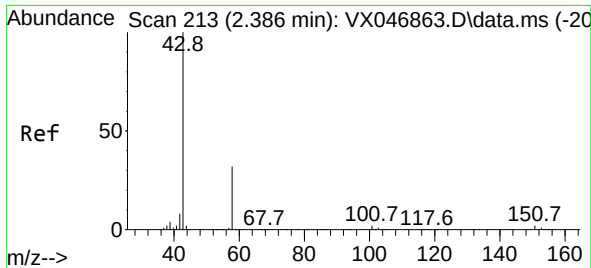
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#8
Diethyl Ether
Concen: 1.622 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047024.D
Acq: 16 Jul 2025 12:59

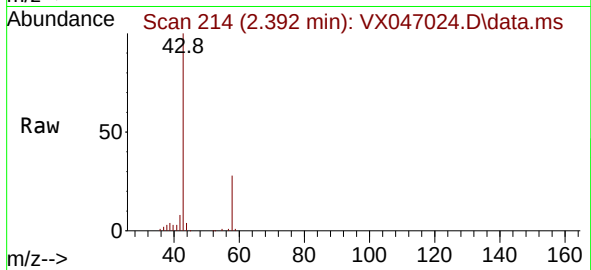
Tgt Ion: 74 Resp: 4404
Ion Ratio Lower Upper
74 100
45 115.8 50.7 152.1





#16
Acetone
Concen: 42.269 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX047024.D
Acq: 16 Jul 2025 12:59

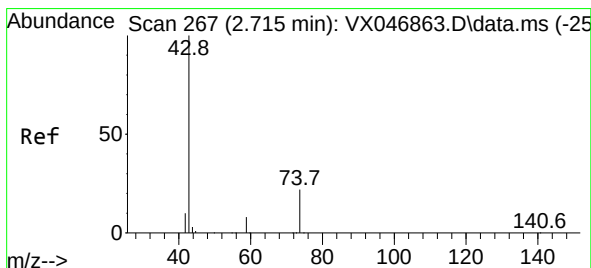
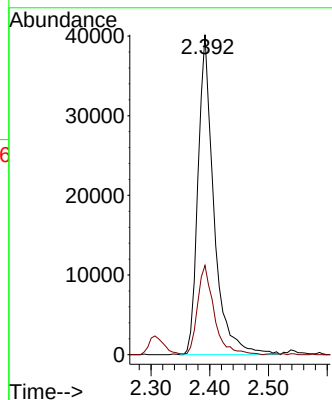
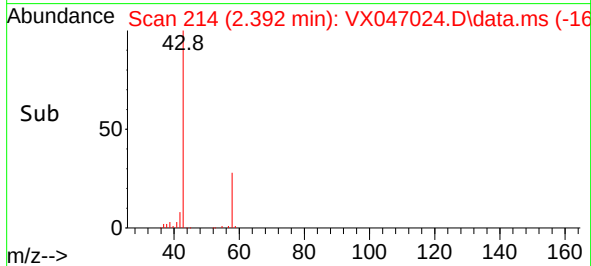
Instrument :
MSVOA_X
ClientSampleId :
PB168848TB



Tgt Ion: 43 Resp: 75220
Ion Ratio Lower Upper
43 100
58 27.7 25.8 38.6

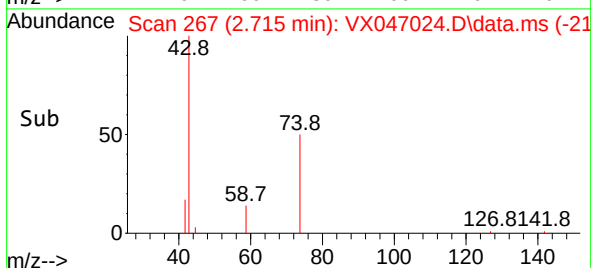
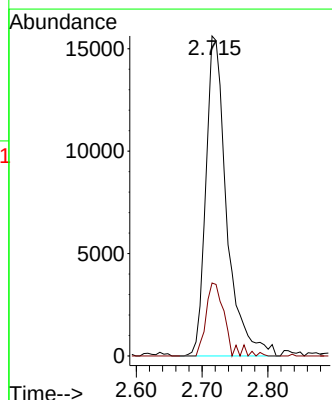
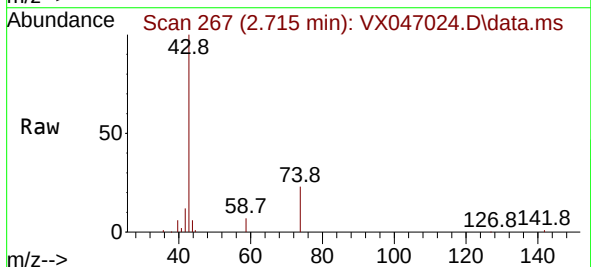
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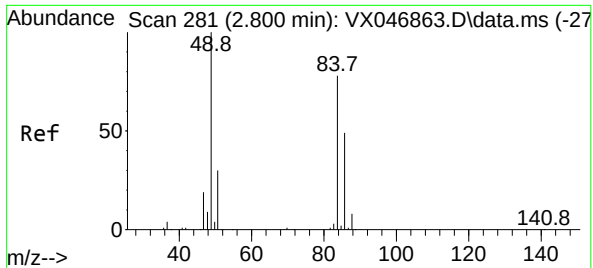
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#18
Methyl Acetate
Concen: 7.336 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047024.D
Acq: 16 Jul 2025 12:59

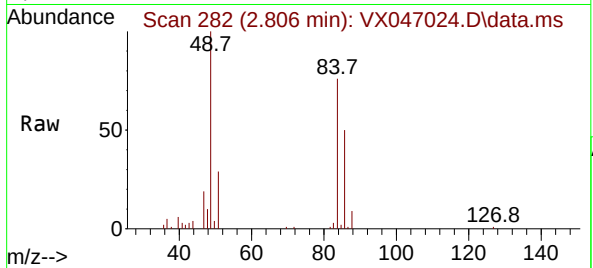
Tgt Ion: 43 Resp: 34410
Ion Ratio Lower Upper
43 100
74 19.4 18.3 27.5





#20
Methylene Chloride
Concen: 5.977 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047024.D
Acq: 16 Jul 2025 12:59

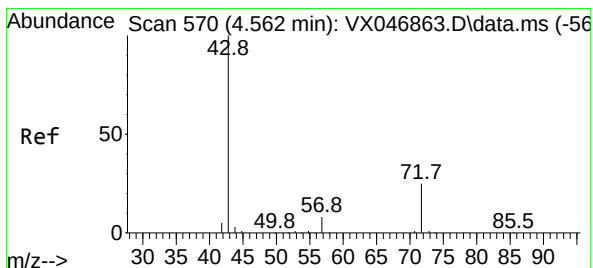
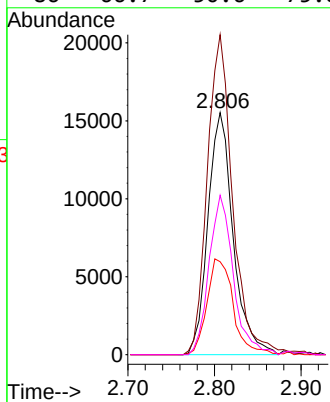
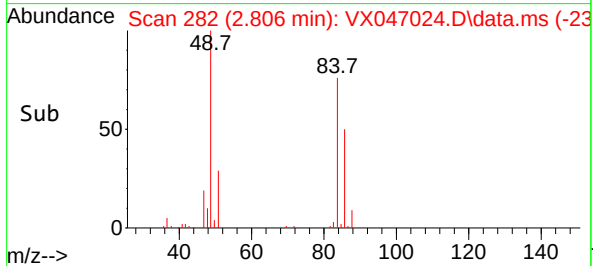
Instrument :
MSVOA_X
ClientSampleId :
PB168848TB



Tgt Ion: 84 Resp: 3145
Ion Ratio Lower Upper
84 100
49 132.2 102.8 154.2
51 38.4 31.1 46.7
86 66.7 50.6 75.8

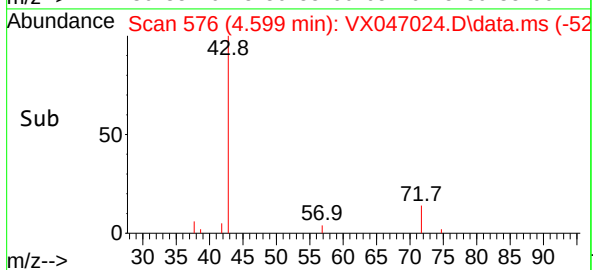
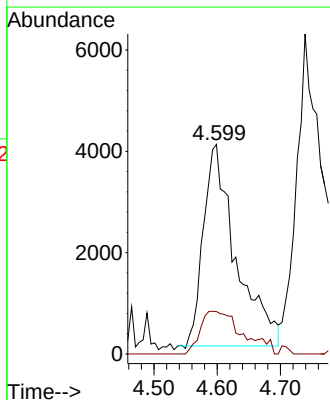
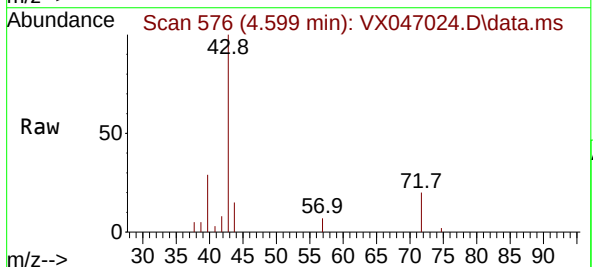
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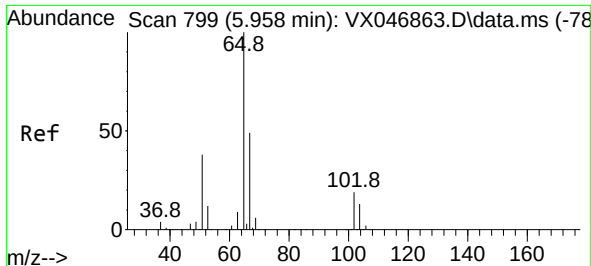
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#25
2-Butanone
Concen: 6.005 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.037 min
Lab File: VX047024.D
Acq: 16 Jul 2025 12:59

Tgt Ion: 43 Resp: 14257
Ion Ratio Lower Upper
43 100
72 18.2 20.0 30.0#





#33

1,2-Dichloroethane-d4

Concen: 51.064 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX047024.D

Acq: 16 Jul 2025 12:59

Instrument :

MSVOA_X

ClientSampleId :

PB168848TB

Tgt Ion: 65 Resp: 29254

Ion Ratio Lower Upper

65 100

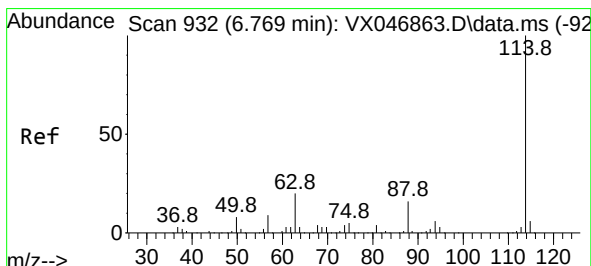
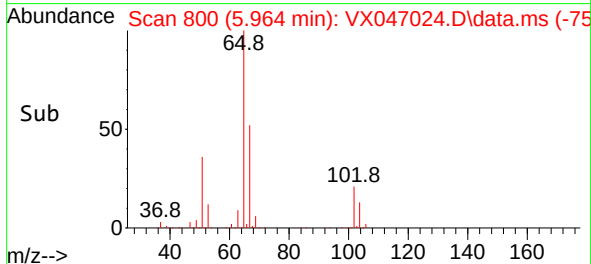
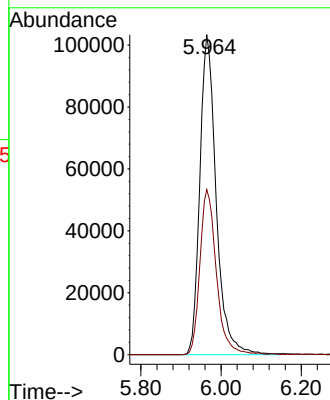
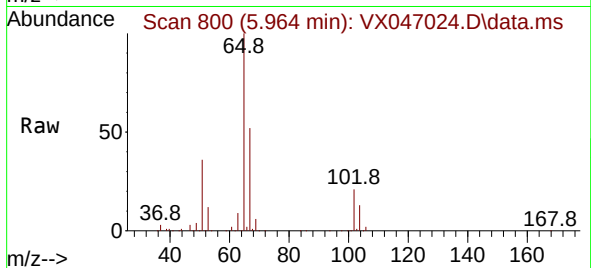
67 52.1 0.0 105.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047024.D

Acq: 16 Jul 2025 12:59

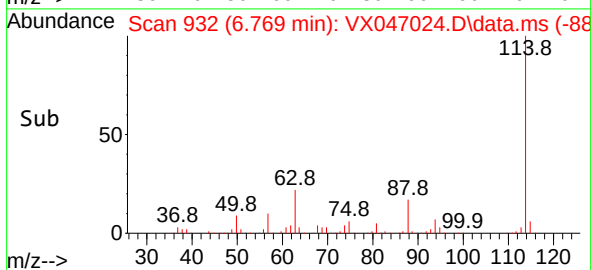
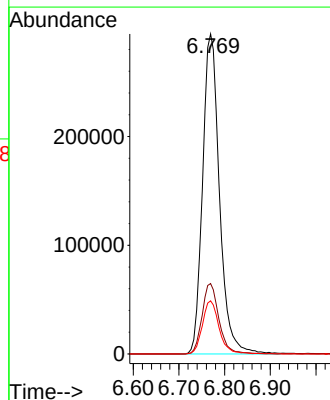
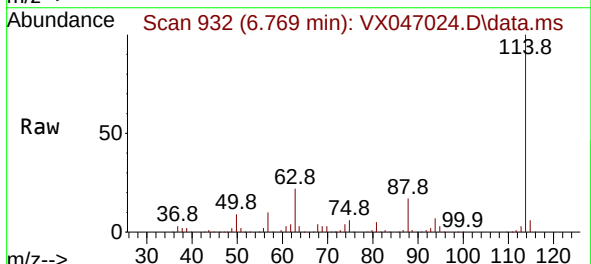
Tgt Ion:114 Resp: 756401

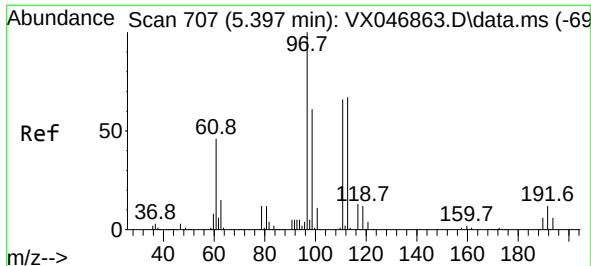
Ion Ratio Lower Upper

114 100

63 25.2 0.0 40.4

88 16.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.003 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047024.D

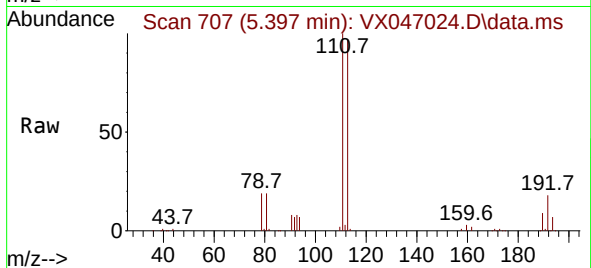
Acq: 16 Jul 2025 12:59

Instrument :

MSVOA_X

ClientSampleId :

PB168848TB



Tgt Ion:113 Resp: 246470

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

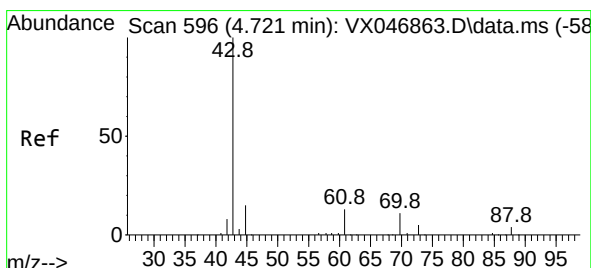
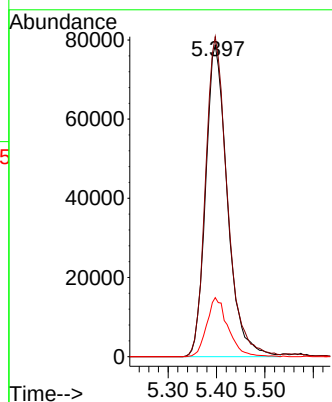
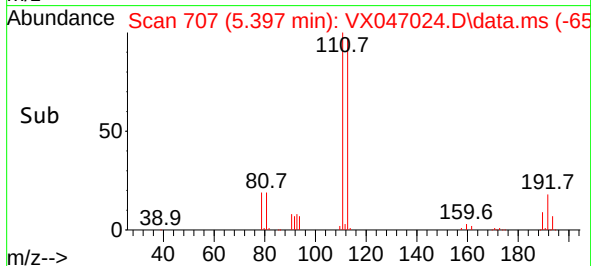
192 18.5 15.3 22.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#37

Ethyl Acetate

Concen: 3.218 ug/l m

RT: 4.739 min Scan# 599

Delta R.T. 0.018 min

Lab File: VX047024.D

Acq: 16 Jul 2025 12:59

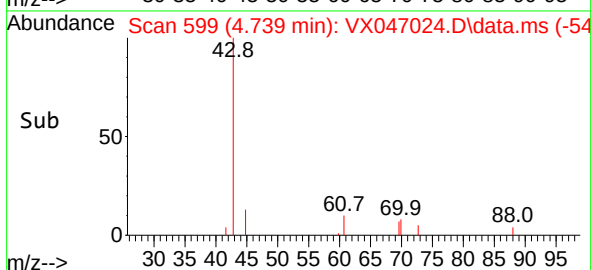
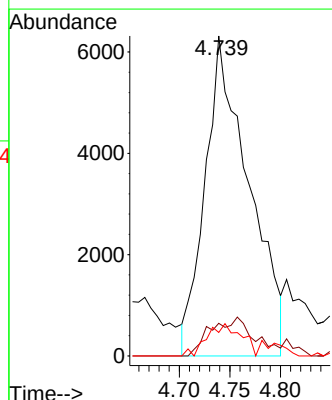
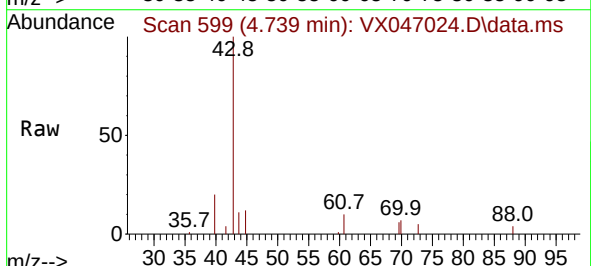
Tgt Ion: 43 Resp: 18989

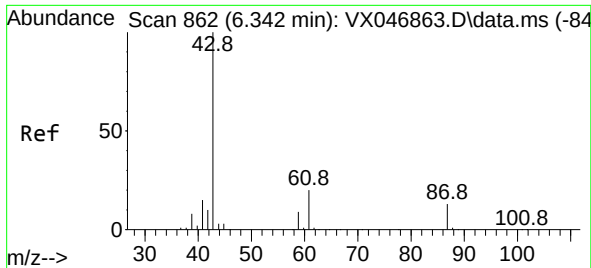
Ion Ratio Lower Upper

43 100

61 12.1 9.7 14.5

70 7.8 8.3 12.5#





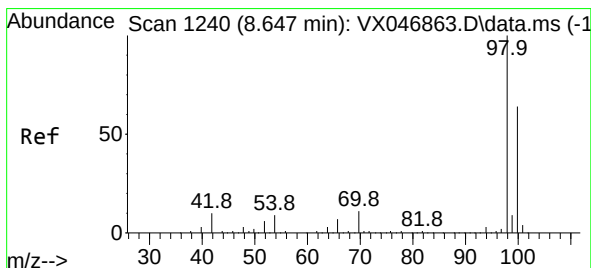
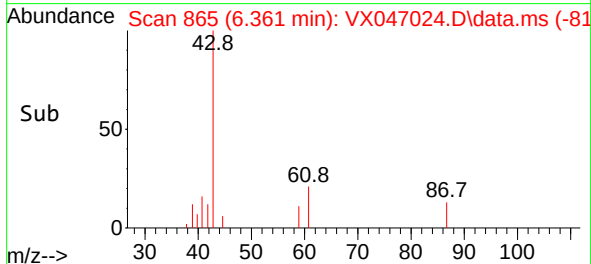
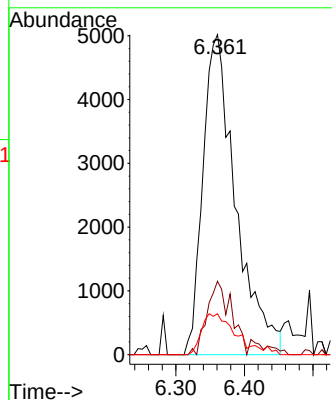
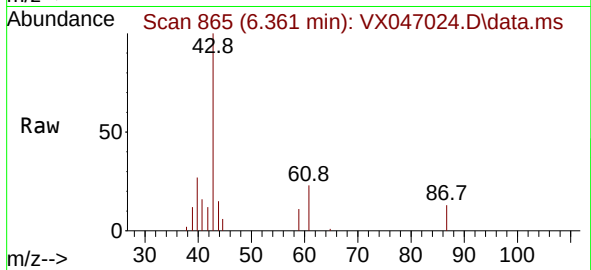
#43
Isopropyl Acetate
Concen: 1.852 ug/l
RT: 6.361 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX047024.D
Acq: 16 Jul 2025 12:59

Instrument :
MSVOA_X
ClientSampleId :
PB168848TB

Tgt Ion: 43 Resp: 16734
Ion Ratio Lower Upper
43 100
61 16.8 15.7 23.5
87 13.0 10.1 15.1

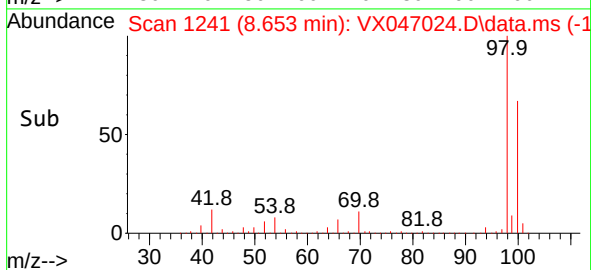
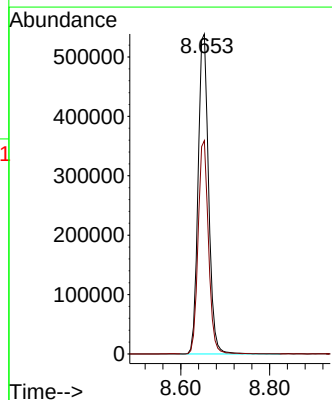
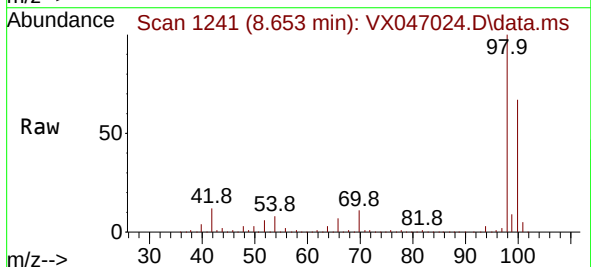
Manual Integrations
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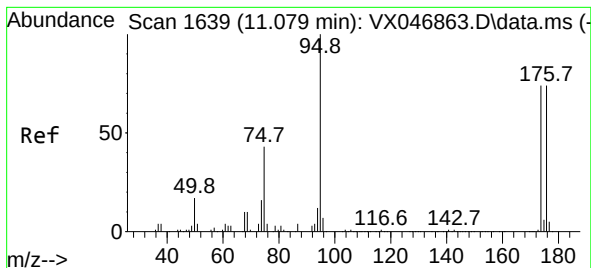
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#50
Toluene-d8
Concen: 48.583 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX047024.D
Acq: 16 Jul 2025 12:59

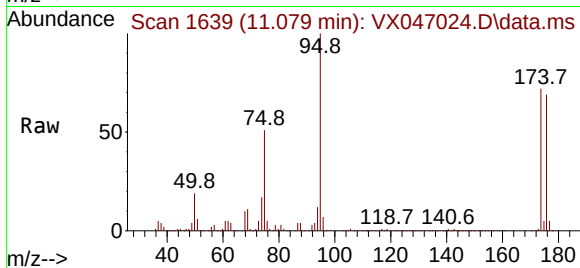
Tgt Ion: 98 Resp: 880099
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 54.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047024.D
Acq: 16 Jul 2025 12:59

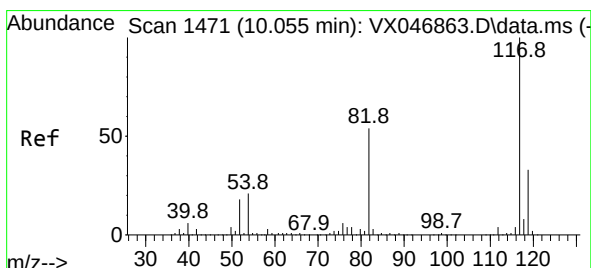
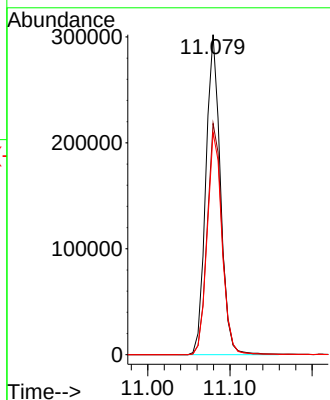
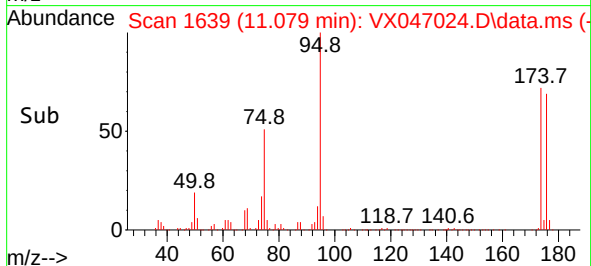
Instrument :
MSVOA_X
ClientSampleId :
PB168848TB



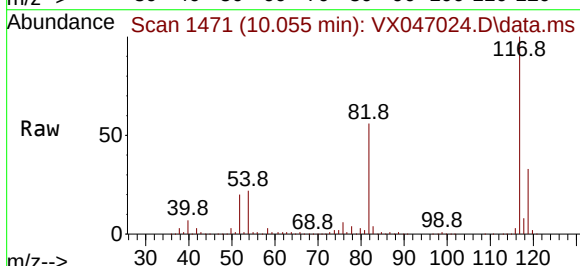
Tgt Ion: 95 Resp: 372238
Ion Ratio Lower Upper
95 100
174 73.9 0.0 152.0
176 70.7 0.0 145.2

Manual Integrations
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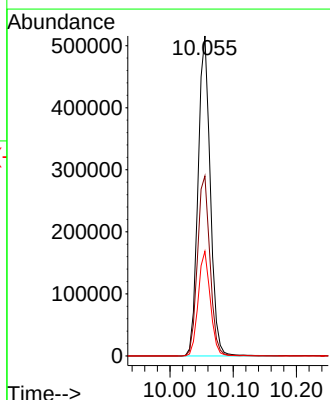
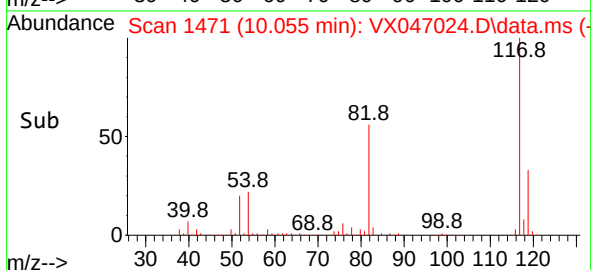
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

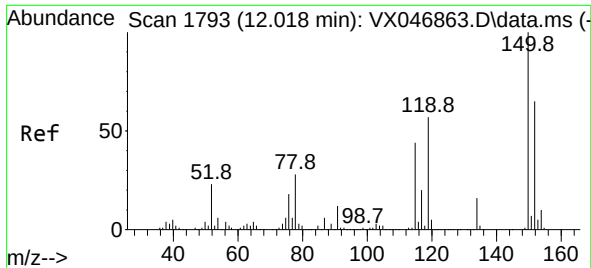


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047024.D
Acq: 16 Jul 2025 12:59



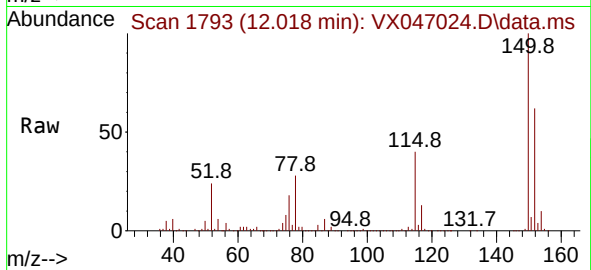
Tgt Ion:117 Resp: 694788
Ion Ratio Lower Upper
117 100
82 56.3 43.3 64.9
119 32.7 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047024.D
 Acq: 16 Jul 2025 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168848TB



Tgt Ion:152 Resp: 36139
 Ion Ratio Lower Upper
 152 100
 115 61.4 42.4 127.1
 150 157.5 0.0 349.2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

