

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047034.D
 Acq On : 16 Jul 2025 16:34
 Operator : JC/MD
 Sample : Q2609-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 709-A

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 03:37:24 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	5.568	168	416765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	736569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	688330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	360610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	292444	53.115	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.220%			
35) Dibromofluoromethane	5.404	113	235568	47.115	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.240%			
50) Toluene-d8	8.653	98	882755	50.041	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.080%			
62) 4-Bromofluorobenzene	11.079	95	365362	54.496	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.000%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	4297	11.900	ug/l	95
16) Acetone	2.392	43	79872	46.702	ug/l	99
18) Methyl Acetate	2.721	43	34424	7.637	ug/l	93
20) Methylene Chloride	2.806	84	26544	5.249	ug/l	96
37) Ethyl Acetate	4.739	43	20466m	3.562	ug/l	
40) Benzene	6.050	78	729058	35.731	ug/l	100
43) Isopropyl Acetate	6.361	43	13910	1.581	ug/l #	89
52) Toluene	8.720	92	491794	38.896	ug/l	98
67) Ethyl Benzene	10.195	91	109423	4.293	ug/l	100
68) m/p-Xylenes	10.299	106	351919	36.645	ug/l	100
69) o-Xylene	10.640	106	380395	41.006	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	161130	7.823	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	441820	21.221	ug/l	84
95) Naphthalene	13.774	128	15089751	736.588	ug/l #	85

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

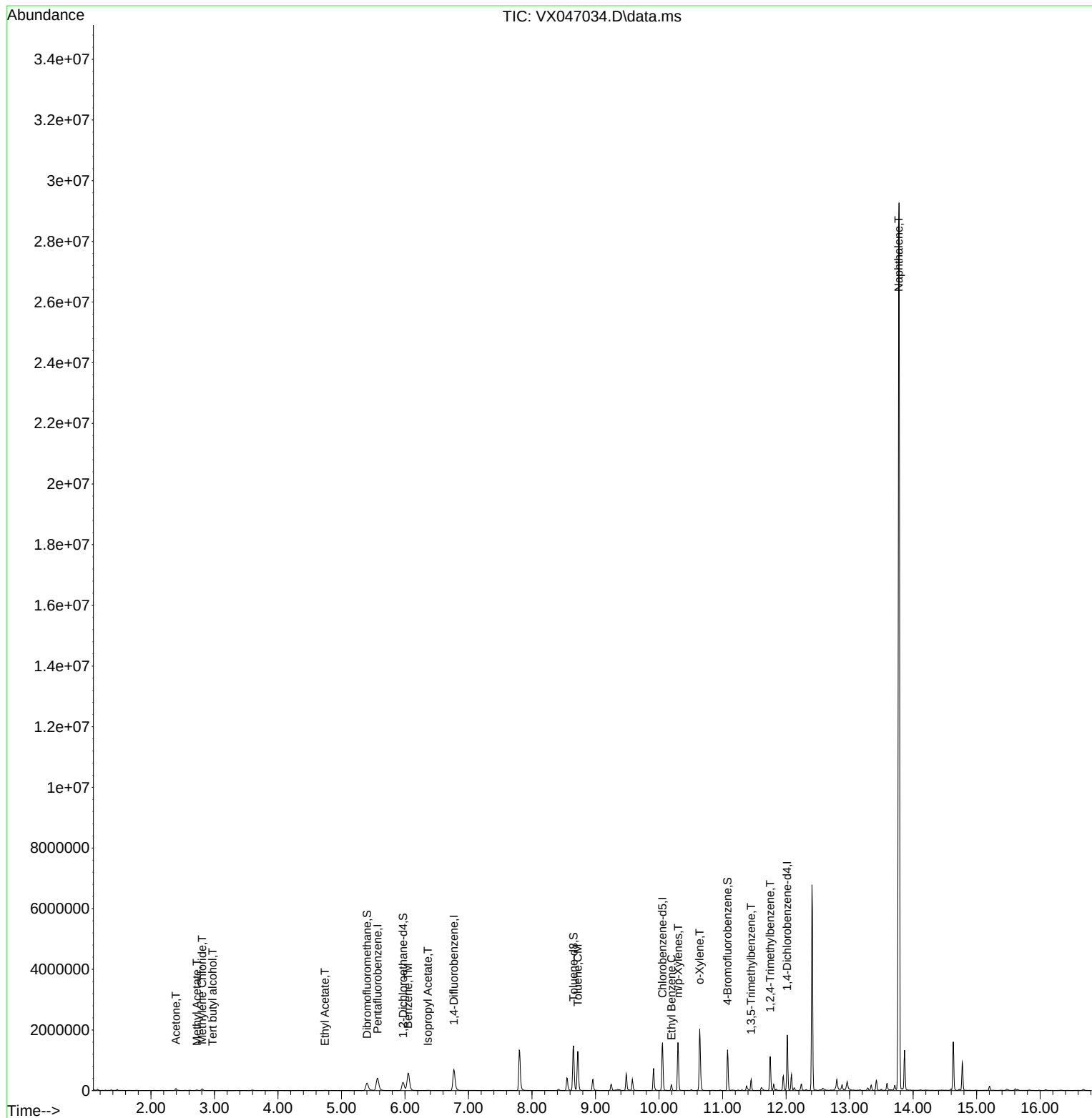
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
Data File : VX047034.D
Acq On : 16 Jul 2025 16:34
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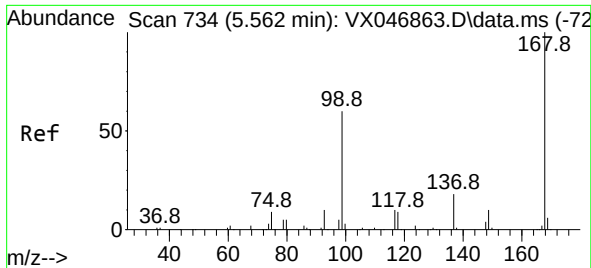
Instrument :
MSVOA_X
ClientSampleId :
709-A

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





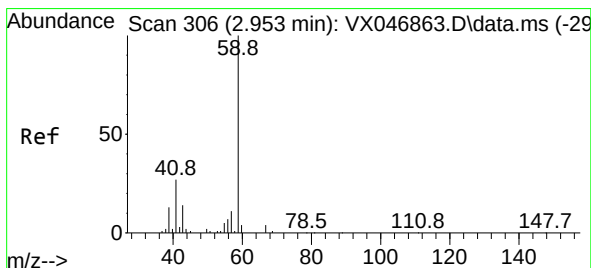
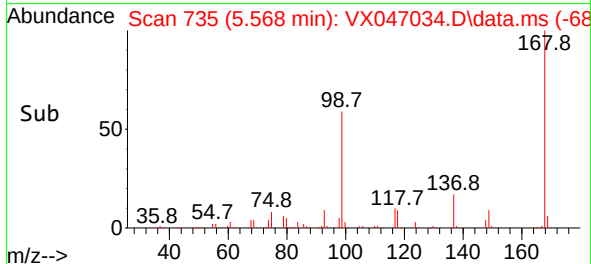
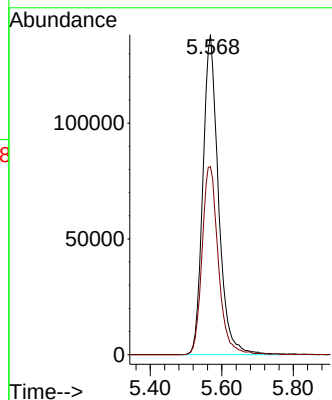
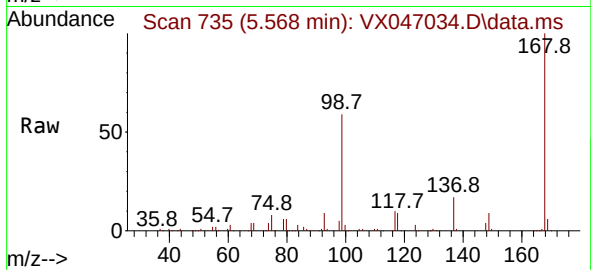
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
709-A

Tgt Ion:168 Resp: 41676
Ion Ratio Lower Upper
168 100
99 58.7 48.8 73.2

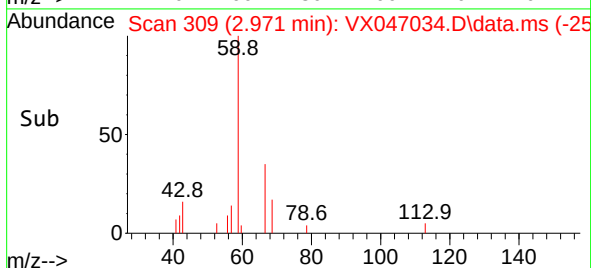
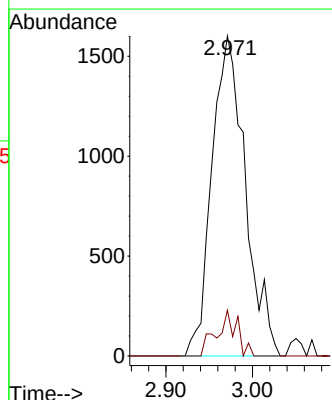
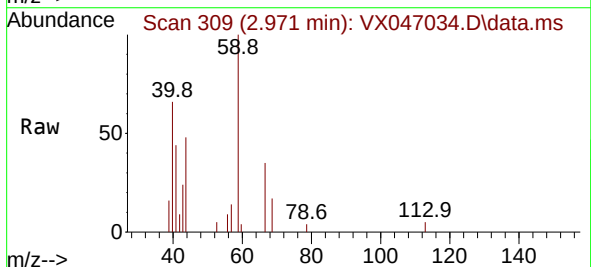
Manual Integrations
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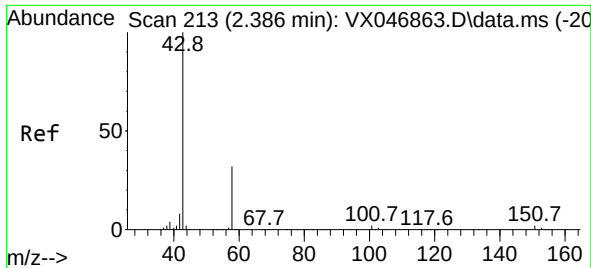
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#11
Tert butyl alcohol
Concen: 11.900 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.018 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

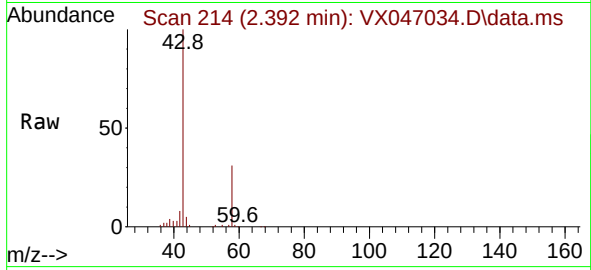
Tgt Ion: 59 Resp: 4297
Ion Ratio Lower Upper
59 100
57 8.6 8.5 12.7





#16
Acetone
Concen: 46.702 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

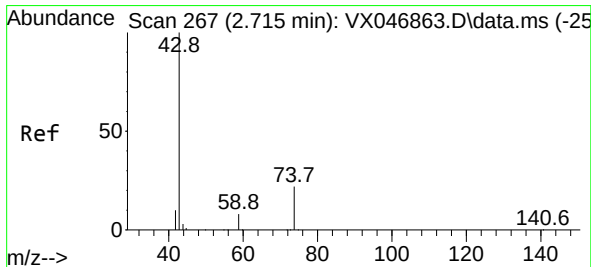
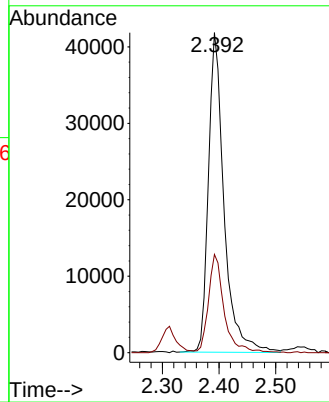
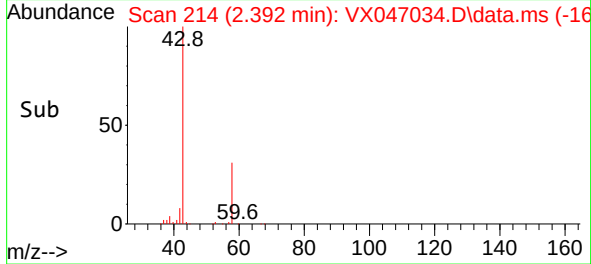
Instrument :
MSVOA_X
ClientSampleId :
709-A



Tgt Ion: 43 Resp: 79872
Ion Ratio Lower Upper
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58 31.7 25.8 38.6

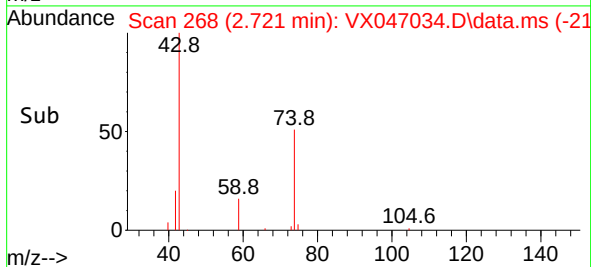
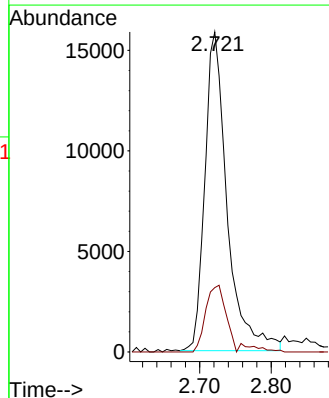
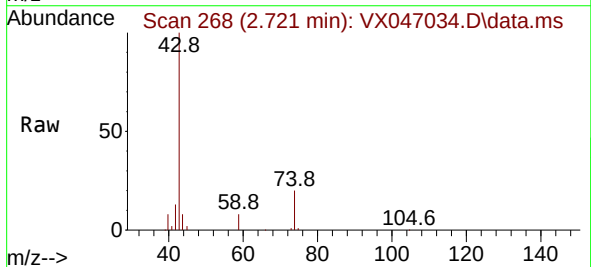
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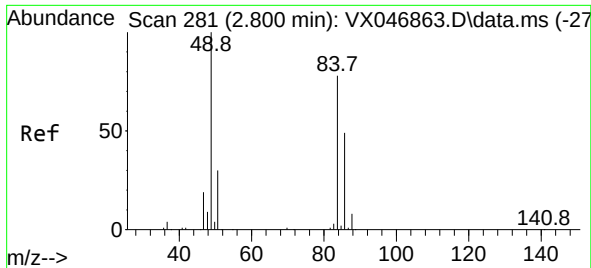
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#18
Methyl Acetate
Concen: 7.637 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

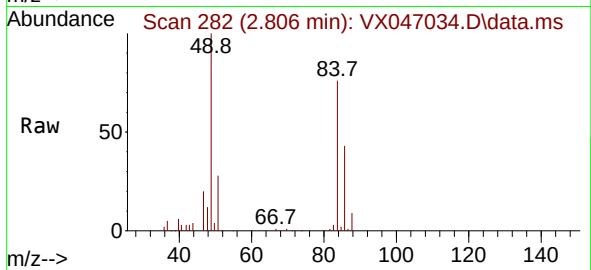
Tgt Ion: 43 Resp: 34424
Ion Ratio Lower Upper
43 100
74 19.5 18.3 27.5





#20
Methylene Chloride
Concen: 5.249 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

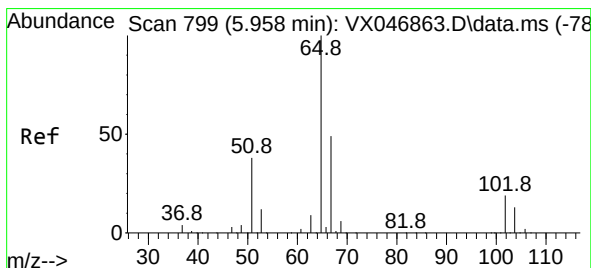
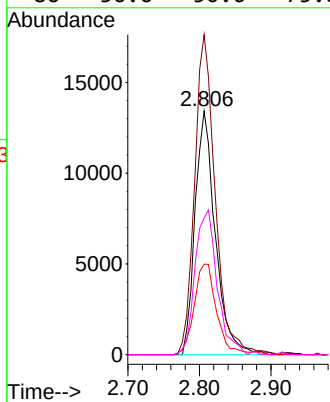
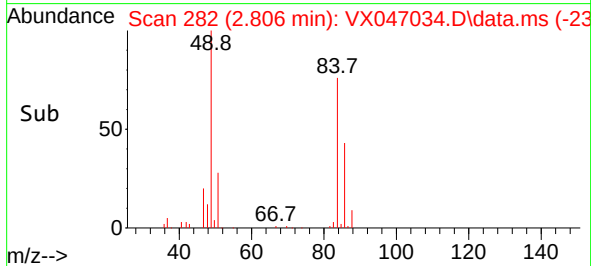
Instrument :
MSVOA_X
ClientSampleId :
709-A



Tgt Ion: 84 Resp: 26544
Ion Ratio Lower Upper
84 100
49 131.4 102.8 154.2
51 37.2 31.1 46.7
86 56.6 50.6 75.8

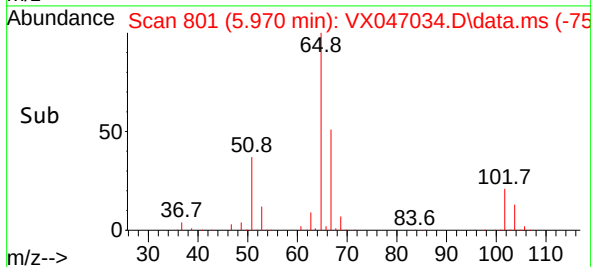
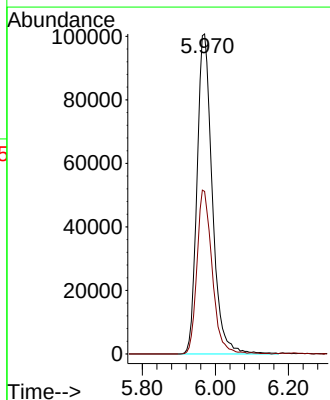
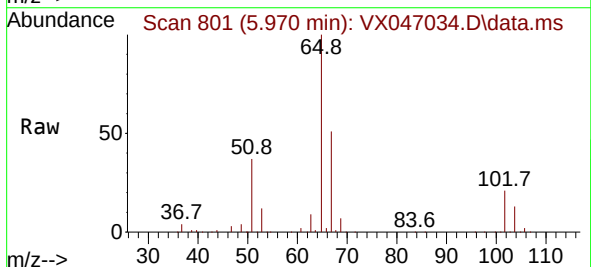
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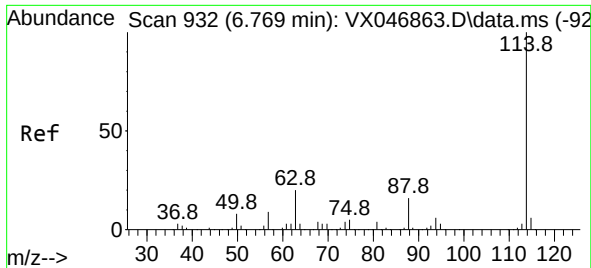
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#33
1,2-Dichloroethane-d4
Concen: 53.115 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.012 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

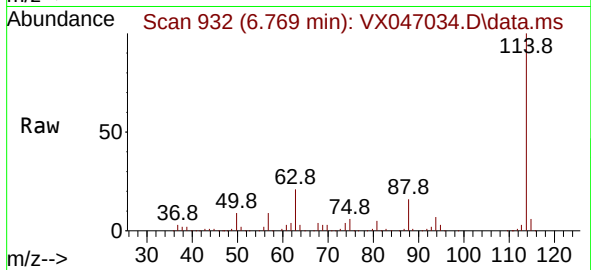
Tgt Ion: 65 Resp: 292444
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

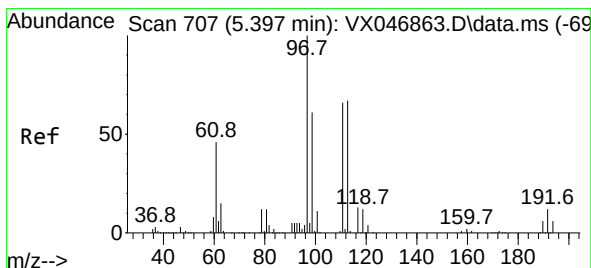
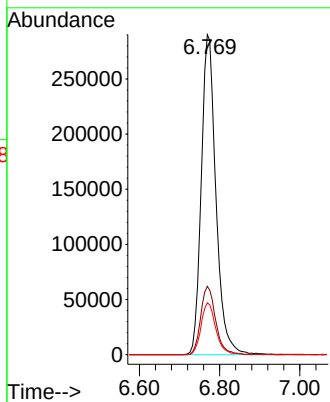
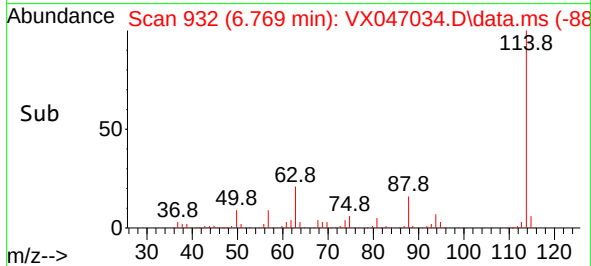
Instrument :
MSVOA_X
ClientSampleId :
709-A



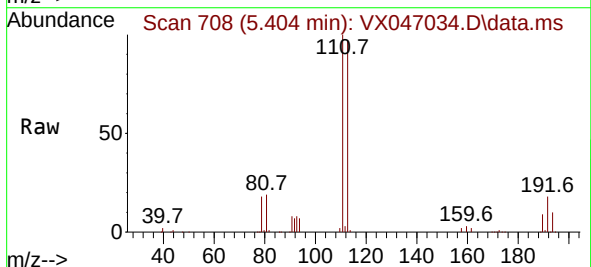
Tgt Ion:114 Resp: 736568
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.4
88 16.2 0.0 31.0

Manual Integrations
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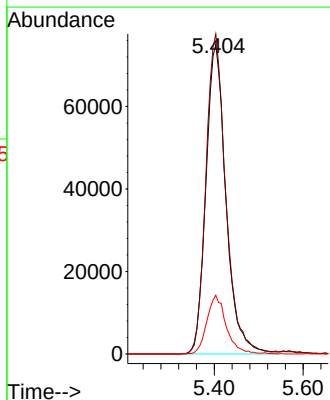
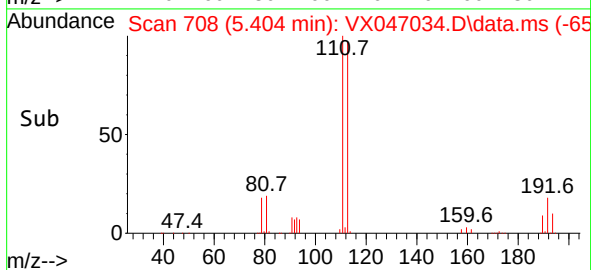
Reviewed By :Mahesh Dadoda 07/17/2025
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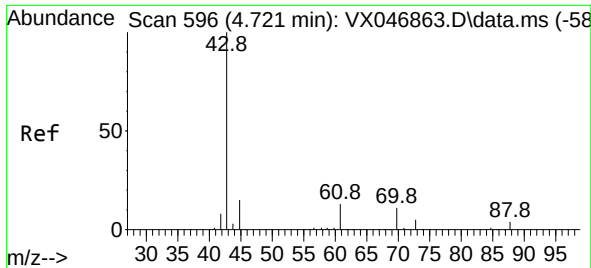


#35
Dibromofluoromethane
Concen: 47.115 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34



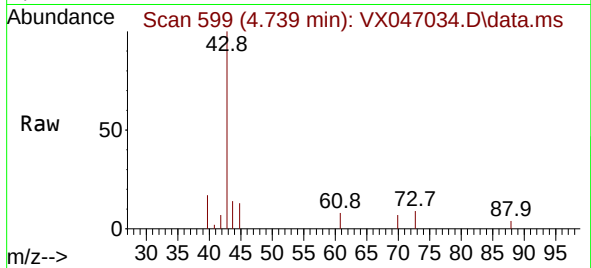
Tgt Ion:113 Resp: 235568
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 18.2 15.3 22.9





#37
Ethyl Acetate
Concen: 3.562 ug/l m
RT: 4.739 min Scan# 599
Delta R.T. 0.018 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

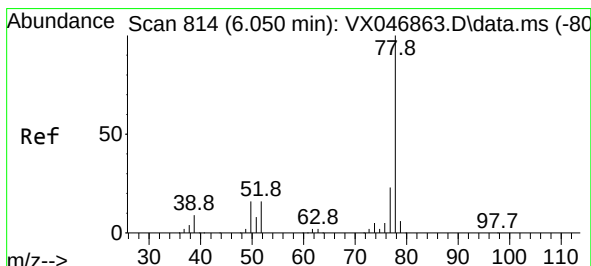
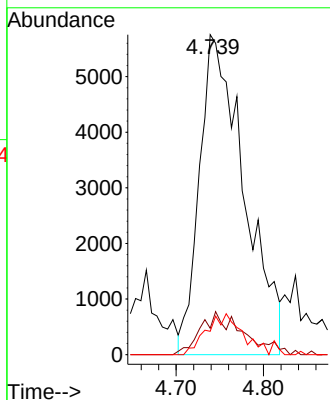
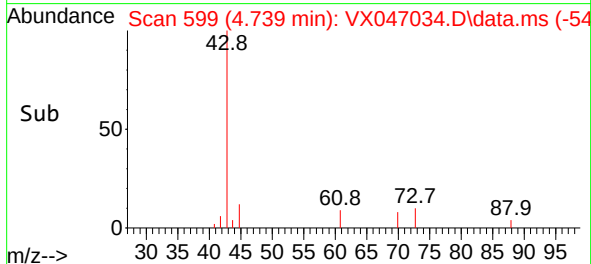
Instrument :
MSVOA_X
ClientSampleId :
709-A



Tgt Ion: 43 Resp: 20460
Ion Ratio Lower Upper
43 100
61 7.1 9.7 14.5
70 10.2 8.3 12.5

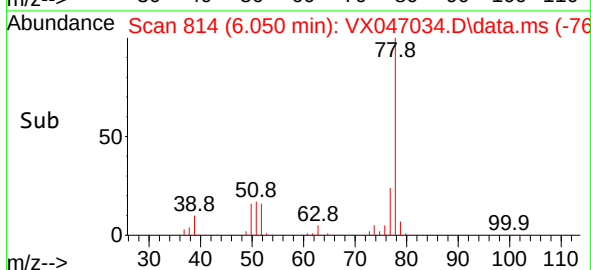
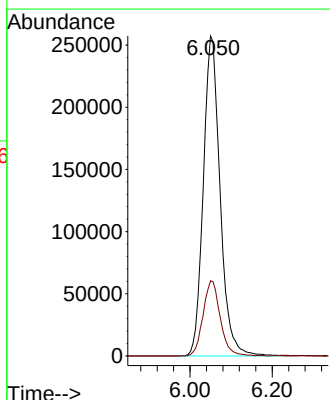
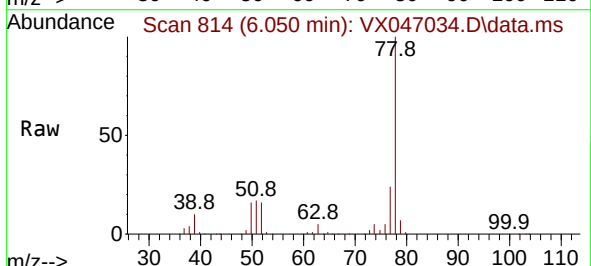
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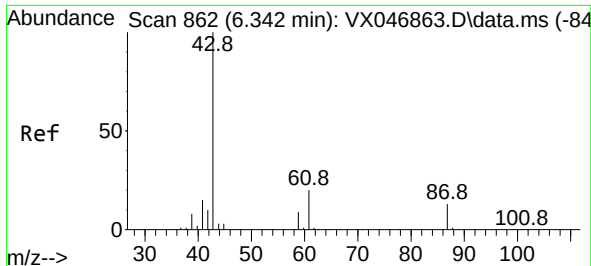
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#40
Benzene
Concen: 35.731 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

Tgt Ion: 78 Resp: 729058
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1





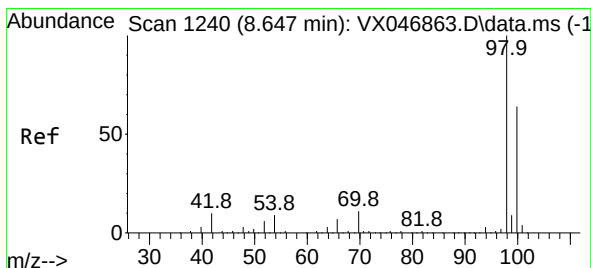
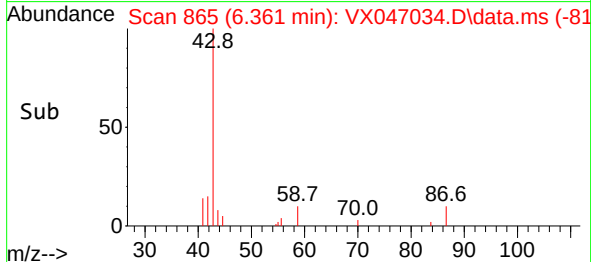
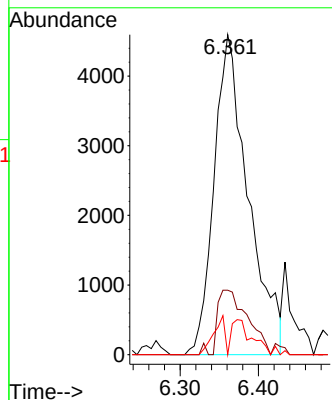
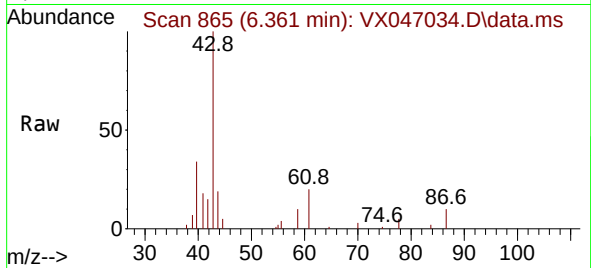
#43
Isopropyl Acetate
Concen: 1.581 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.018 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
709-A

Tgt Ion: 43 Resp: 13910
Ion Ratio Lower Upper
43 100
61 17.9 15.7 23.5
87 4.0 10.1 15.1

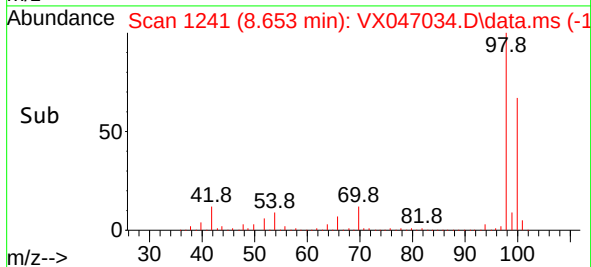
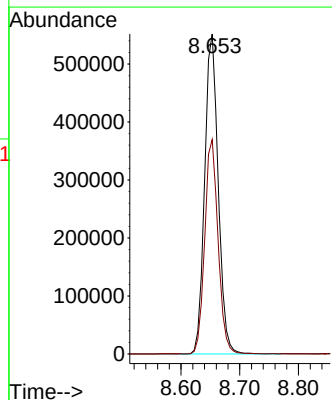
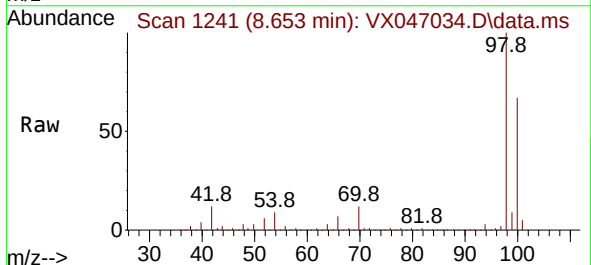
Manual Integrations
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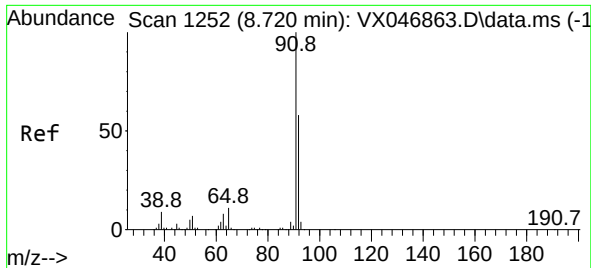
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#50
Toluene-d8
Concen: 50.041 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

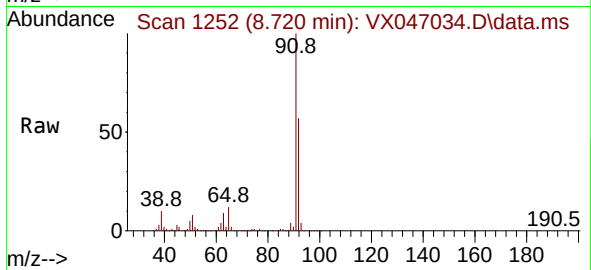
Tgt Ion: 98 Resp: 882755
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6





#52
Toluene
Concen: 38.896 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

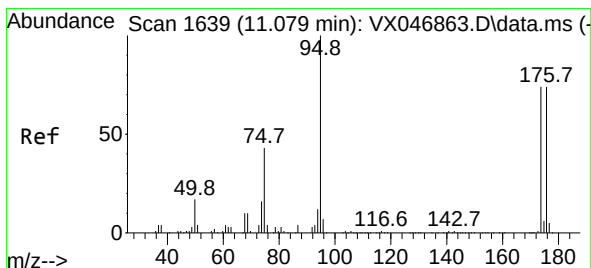
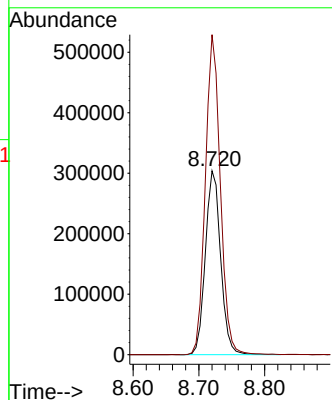
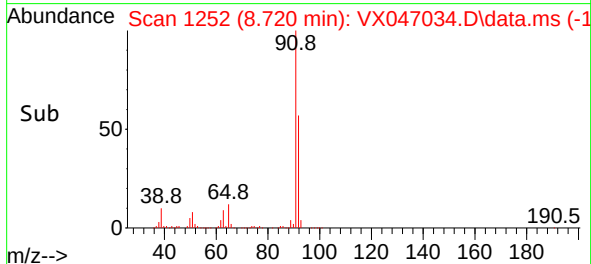
Instrument :
MSVOA_X
ClientSampleId :
709-A



Tgt Ion: 92 Resp: 491794
Ion Ratio Lower Upper
92 100
91 170.3 137.9 206.9

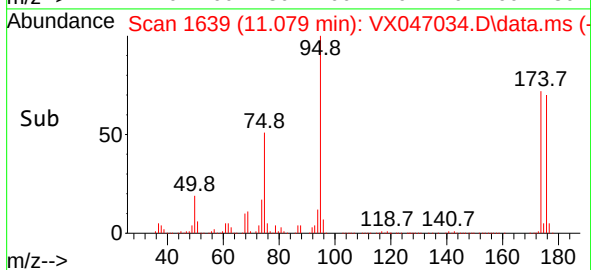
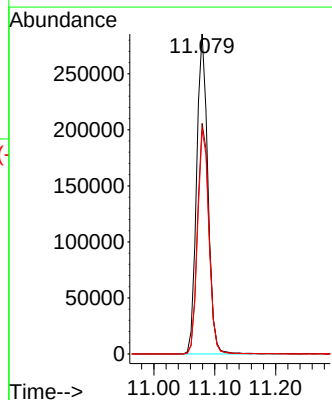
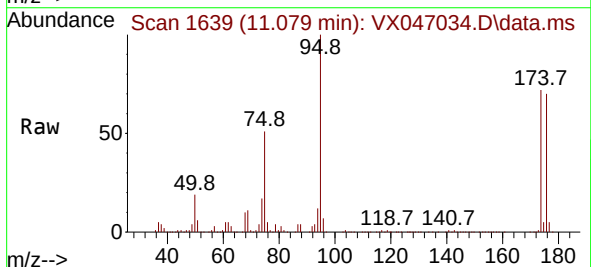
Manual Integrations
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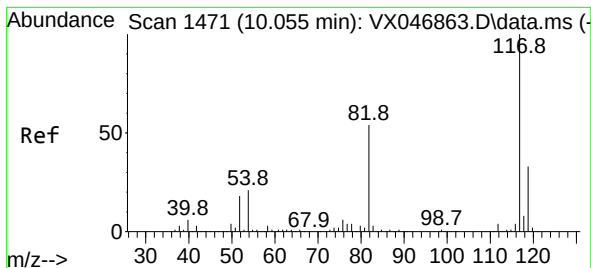
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#62
4-Bromofluorobenzene
Concen: 54.496 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

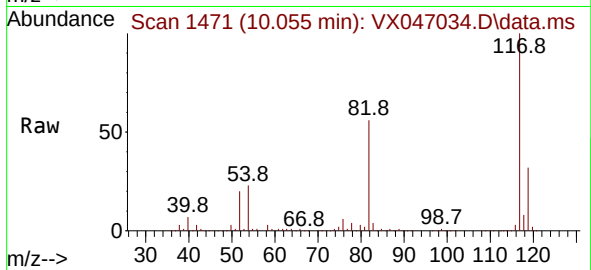
Tgt Ion: 95 Resp: 365362
Ion Ratio Lower Upper
95 100
174 73.3 0.0 152.0
176 70.4 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

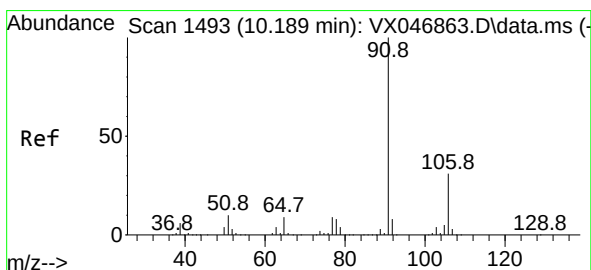
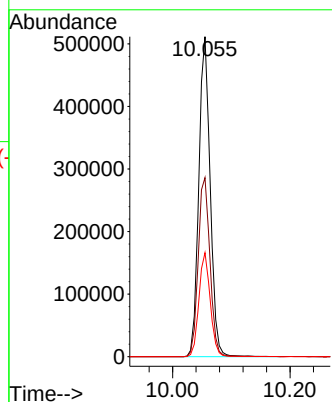
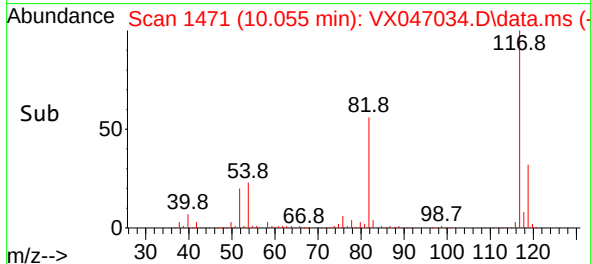
Instrument :
MSVOA_X
ClientSampleId :
709-A



Tgt Ion:117 Resp: 688330
Ion Ratio Lower Upper
117 100
82 55.9 43.3 64.9
119 32.5 26.4 39.6

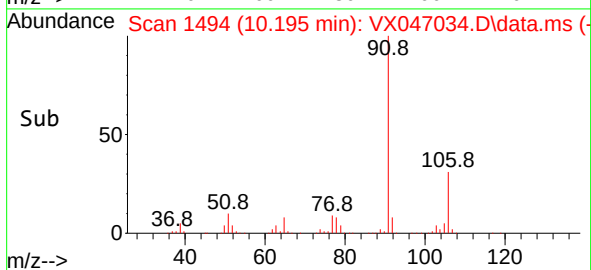
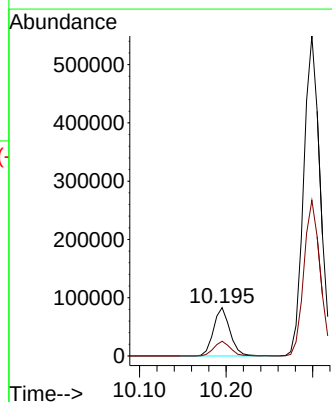
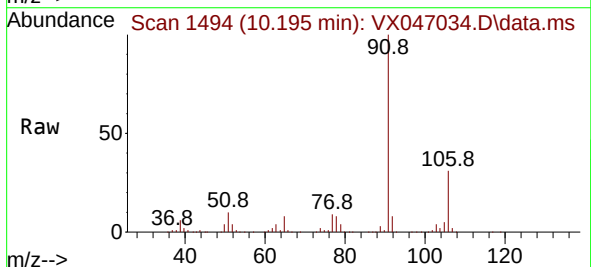
Manual Integrations
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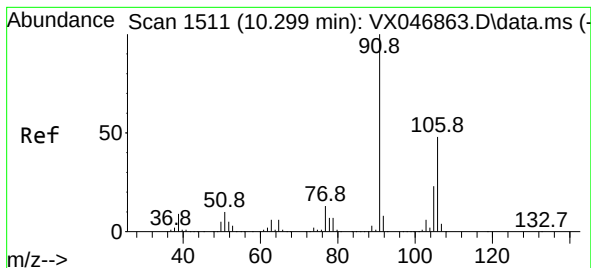
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#67
Ethyl Benzene
Concen: 4.293 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

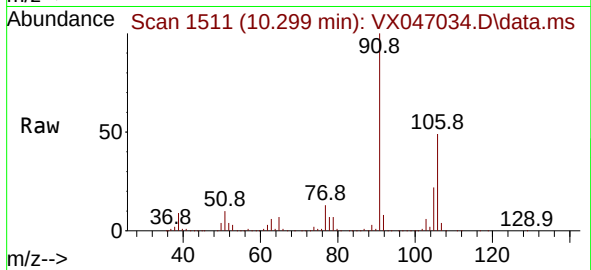
Tgt Ion: 91 Resp: 109423
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6





#68
m/p-Xylenes
Concen: 36.645 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

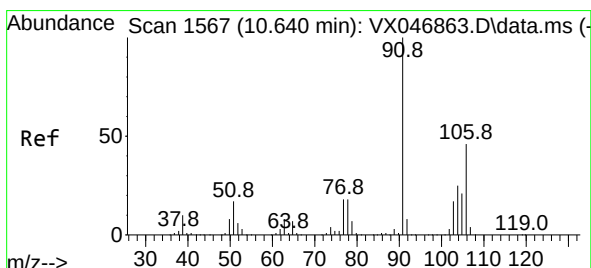
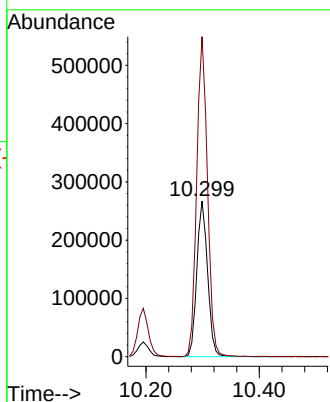
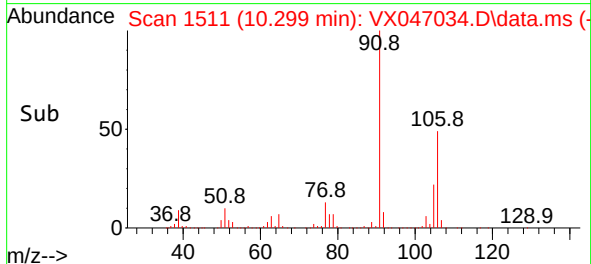
Instrument :
MSVOA_X
ClientSampleId :
709-A



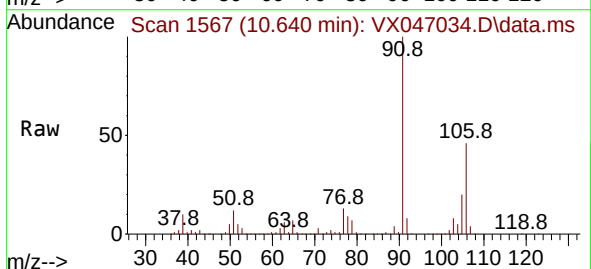
Tgt Ion:106 Resp: 351919
Ion Ratio Lower Upper
106 100
91 206.1 164.6 246.8

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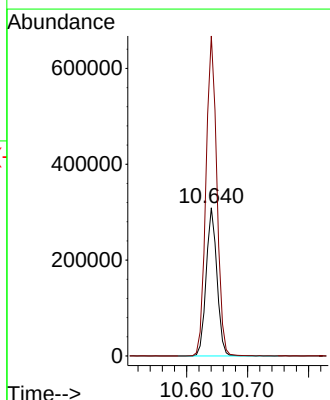
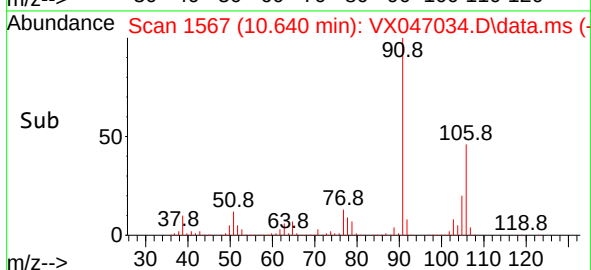
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

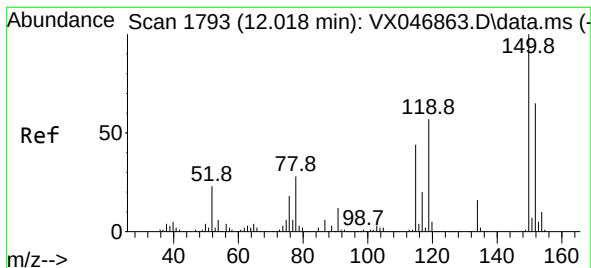


#69
o-Xylene
Concen: 41.006 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34



Tgt Ion:106 Resp: 380395
Ion Ratio Lower Upper
106 100
91 218.8 109.5 328.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047034.D

Acq: 16 Jul 2025 16:34

Instrument :

MSVOA_X

ClientSampleId :

709-A

Tgt Ion:152 Resp: 360610

Ion Ratio Lower Upper

152 100

115 61.1 42.4 127.1

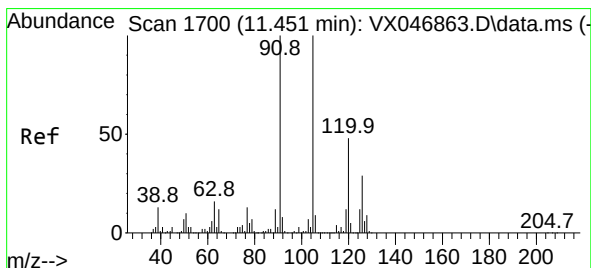
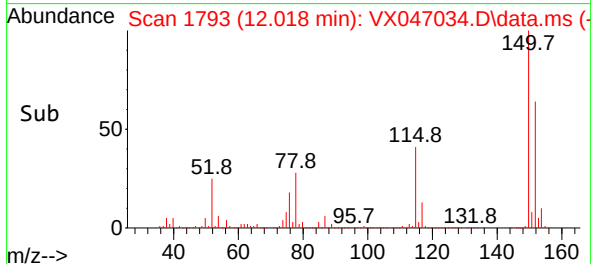
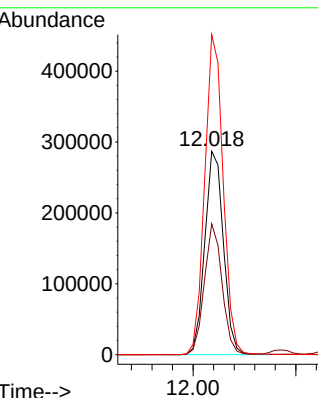
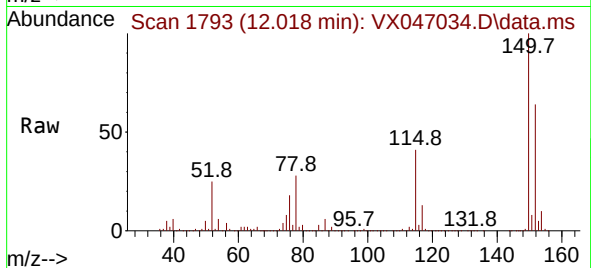
150 156.1 0.0 349.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#80

1,3,5-Trimethylbenzene

Concen: 7.823 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX047034.D

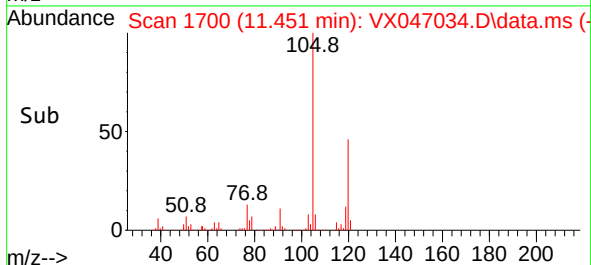
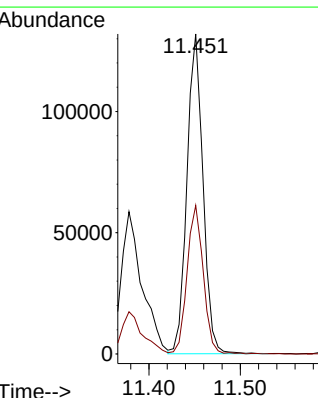
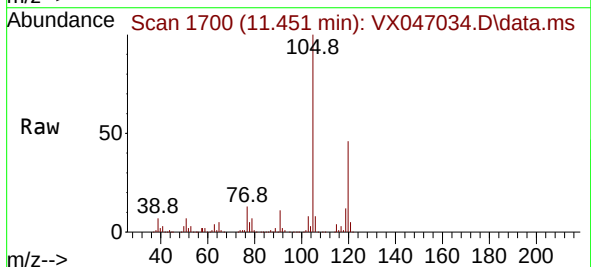
Acq: 16 Jul 2025 16:34

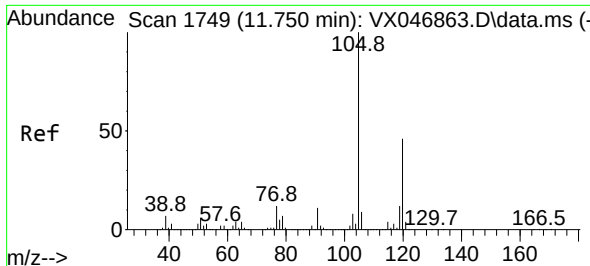
Tgt Ion:105 Resp: 161130

Ion Ratio Lower Upper

105 100

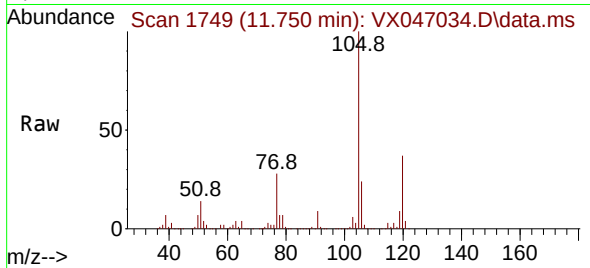
120 47.0 24.1 72.4





#84
1,2,4-Trimethylbenzene
Concen: 21.221 ug/l
RT: 11.750 min Scan# 11749
Delta R.T. 0.000 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

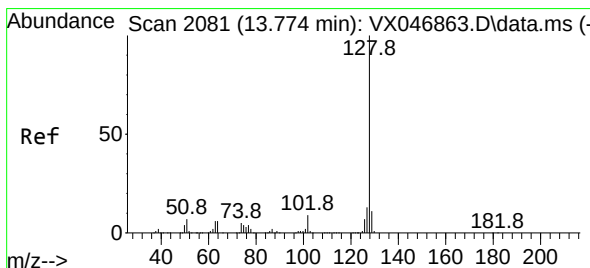
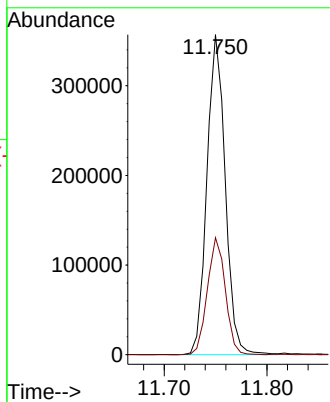
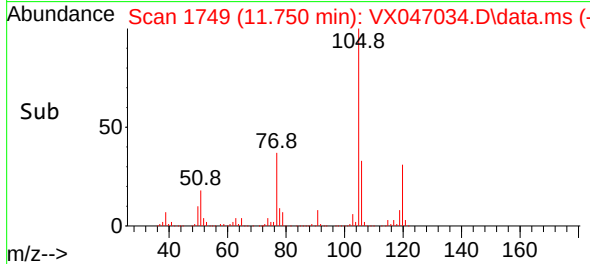
Instrument :
MSVOA_X
ClientSampleId :
709-A



Tgt Ion:105 Resp: 441820
Ion Ratio Lower Upper
105 100
120 35.9 23.3 69.8

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 736.588 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047034.D
Acq: 16 Jul 2025 16:34

Tgt Ion:128 Resp:15089751
Ion Ratio Lower Upper
128 100
127 18.3 10.2 15.4#
129 16.7 8.6 13.0#

