

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
 Data File : VX048784.D
 Acq On : 09 Dec 2025 15:08
 Operator : JC/MD
 Sample : Q3803-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-H

Quant Time: Dec 10 00:23:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/10/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	162347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	324548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	333200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	184210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112173	51.479	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.960%			
35) Dibromofluoromethane	5.379	113	99922	44.715	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.440%			
50) Toluene-d8	8.635	98	360768	46.057	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.120%			
62) 4-Bromofluorobenzene	11.061	95	157205	58.200	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.400%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.934	59	5501	15.637	ug/l	99
16) Acetone	2.374	43	96061	115.158	ug/l	99
18) Methyl Acetate	2.703	43	3924	1.672	ug/l	97
20) Methylene Chloride	2.794	84	127017	60.919	ug/l	98
25) 2-Butanone	4.550	43	17559	14.262	ug/l	91
40) Benzene	6.025	78	2558139	281.945	ug/l	99
43) Isopropyl Acetate	6.324	43	15054	2.718	ug/l #	91
51) 4-Methyl-2-Pentanone	8.543	43	27817m	8.093	ug/l	
52) Toluene	8.702	92	1021072	186.625	ug/l	100
67) Ethyl Benzene	10.177	91	106738	8.969	ug/l	100
68) m/p-Xylenes	10.281	106	200328	43.212	ug/l	99
69) o-Xylene	10.622	106	126850	29.200	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	25203	2.470	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	100825	9.796	ug/l	85

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

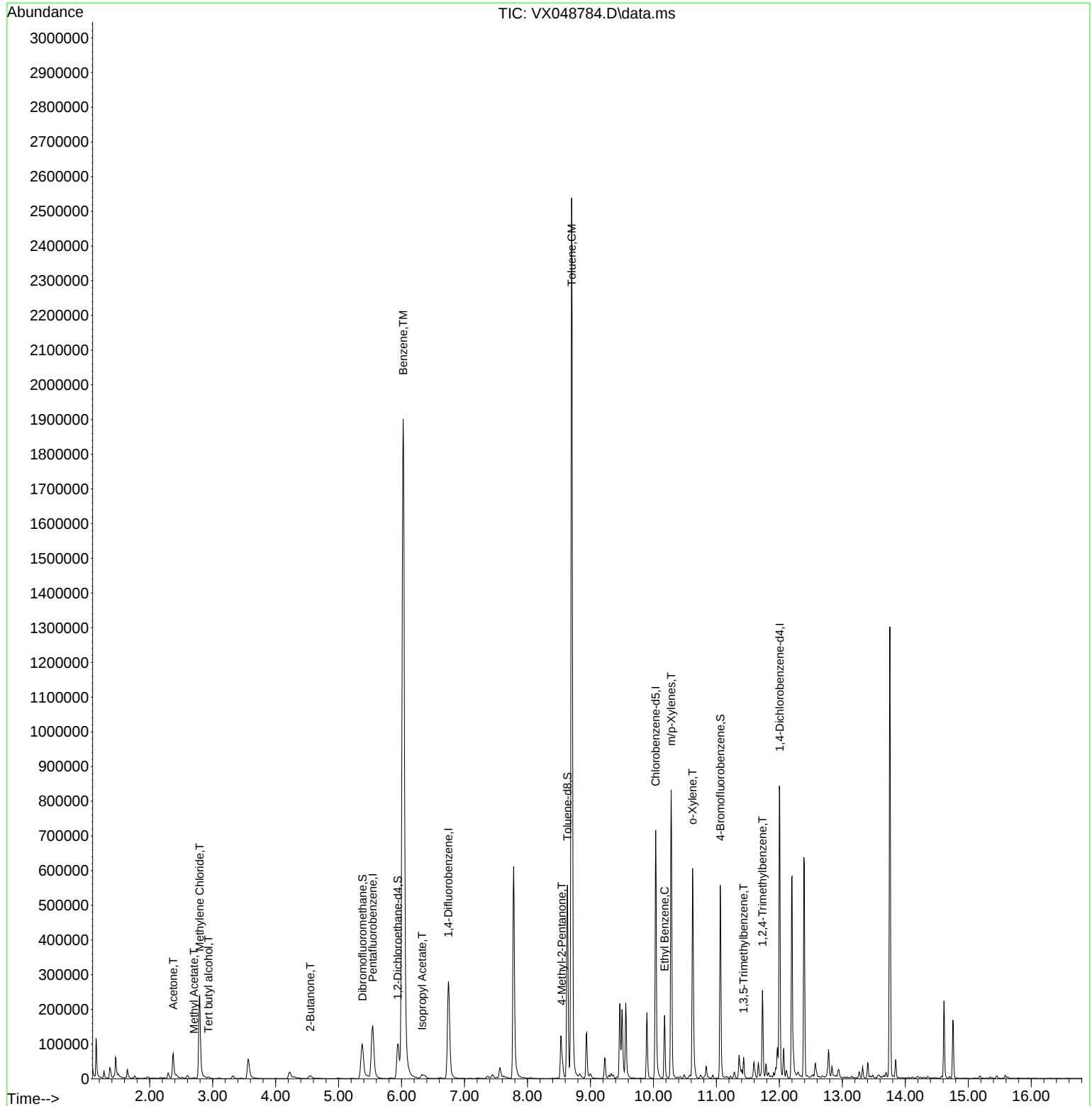
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Data File : VX048784.D
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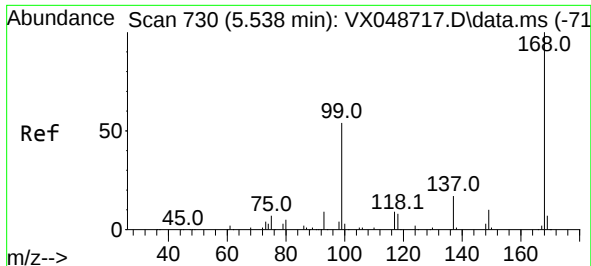
Instrument :
MSVOA_X
ClientSampleId :
CHASE-H

Quant Time: Dec 10 00:23:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

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APPROVED

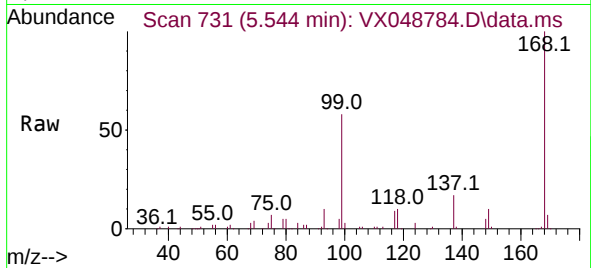
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

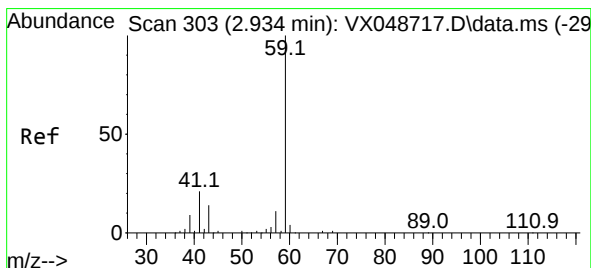
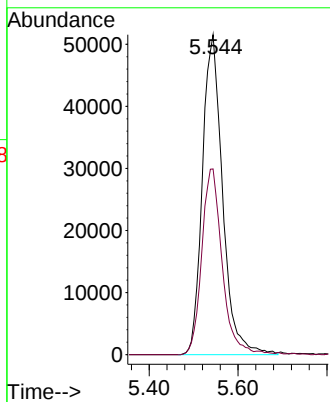
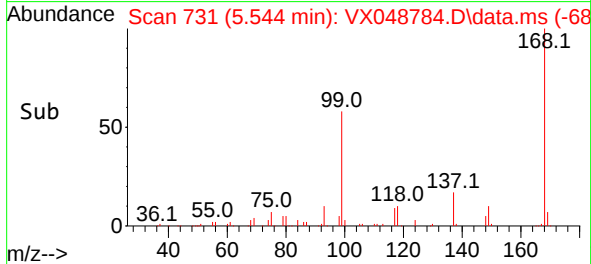
Instrument :
MSVOA_X
ClientSampleId :
CHASE-H



Tgt Ion:168 Resp: 16234
Ion Ratio Lower Upper
168 100
99 58.1 44.2 66.4

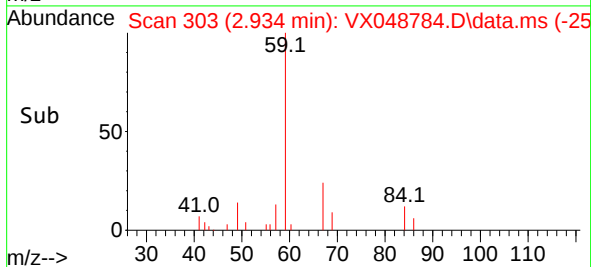
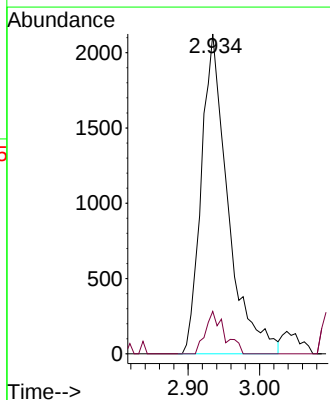
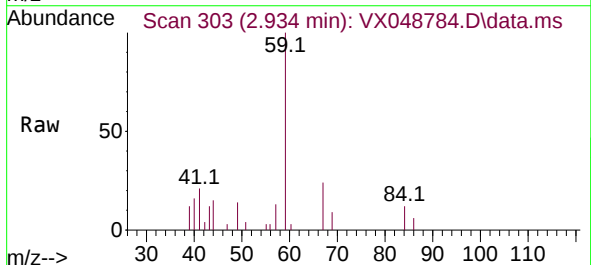
Manual Integrations
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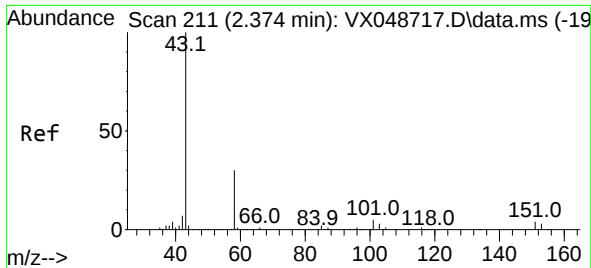
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#11
Tert butyl alcohol
Concen: 15.637 ug/l
RT: 2.934 min Scan# 303
Delta R.T. 0.000 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

Tgt Ion: 59 Resp: 5501
Ion Ratio Lower Upper
59 100
57 9.5 8.1 12.1





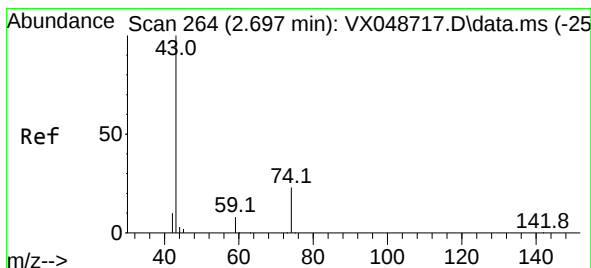
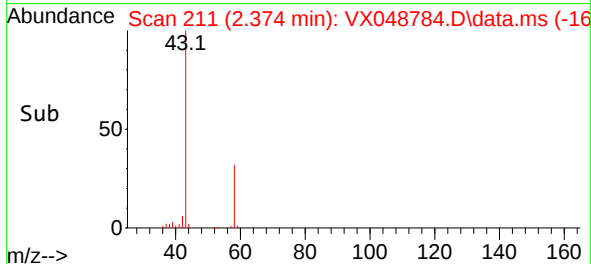
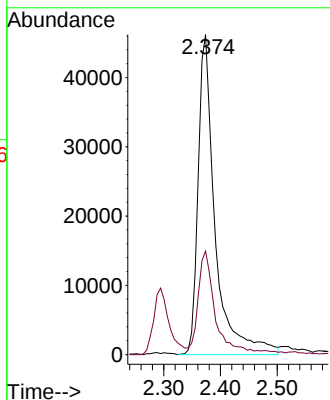
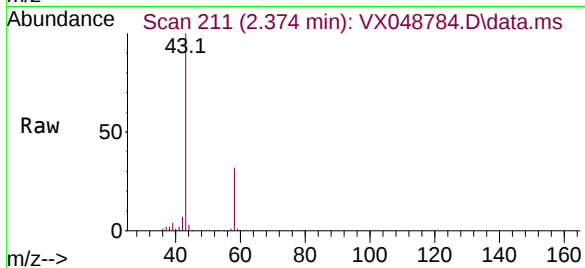
#16
Acetone
Concen: 115.158 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

Instrument :
MSVOA_X
ClientSampleId :
CHASE-H

Tgt Ion: 43 Resp: 9606
Ion Ratio Lower Upper
43 100
58 31.7 25.0 37.4

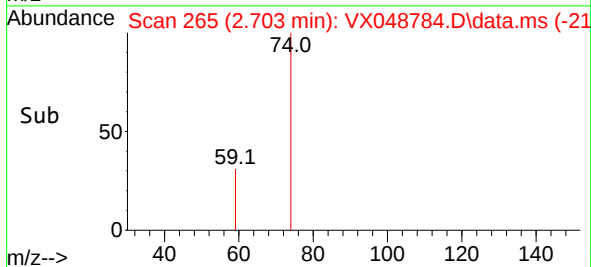
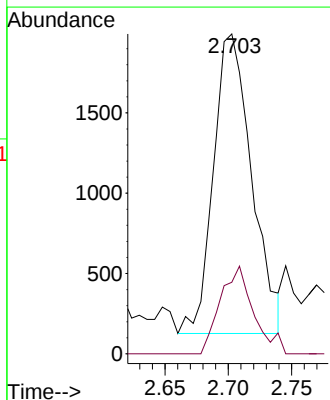
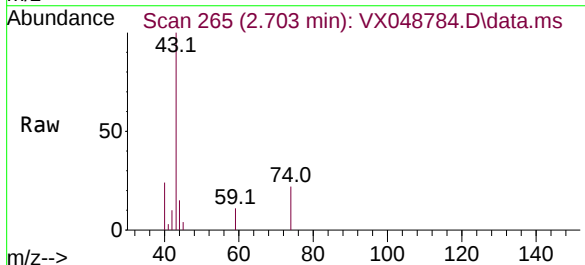
Manual Integrations
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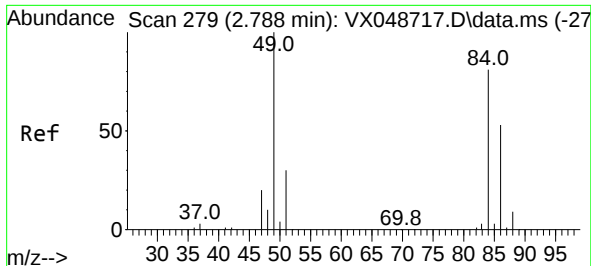
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#18
Methyl Acetate
Concen: 1.672 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

Tgt Ion: 43 Resp: 3924
Ion Ratio Lower Upper
43 100
74 25.5 19.2 28.8





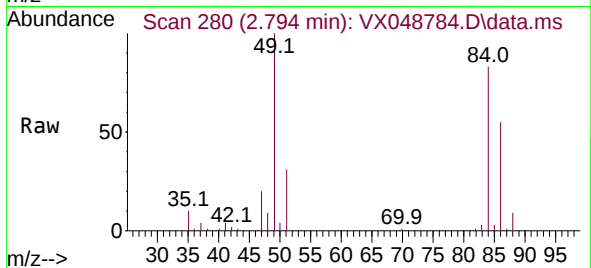
#20
Methylene Chloride
Concen: 60.919 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

Instrument :

MSVOA_X

ClientSampleId :

CHASE-H



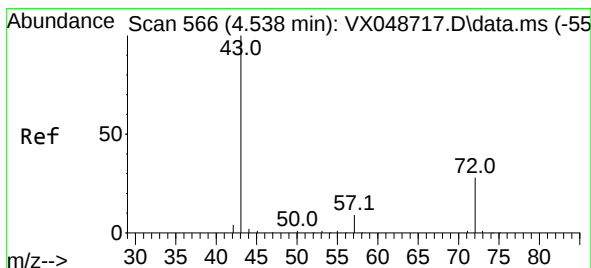
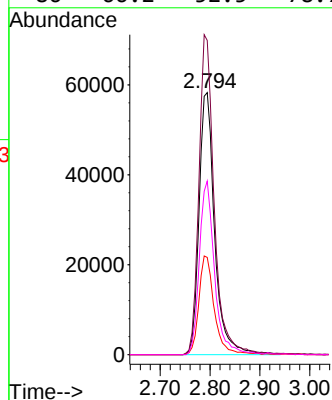
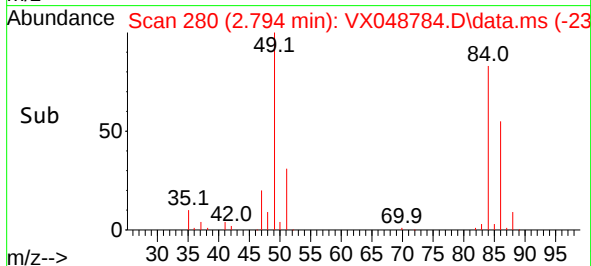
Tgt Ion: 84	Resp: 12701
Ion Ratio	Lower Upper
84 100	
49 119.9	98.7 148.1
51 37.1	29.4 44.2
86 66.2	52.5 78.7

Manual Integrations

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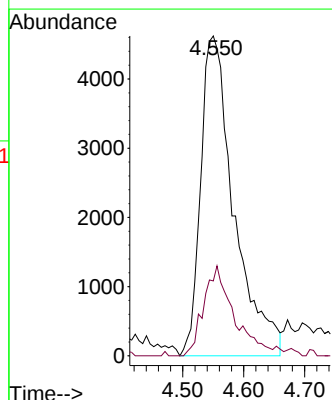
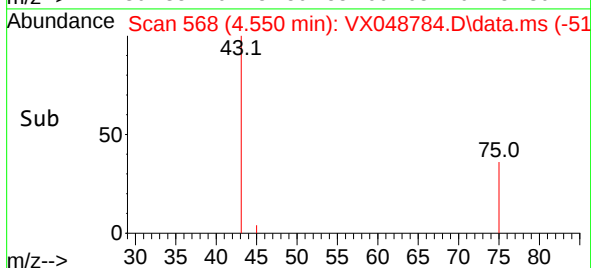
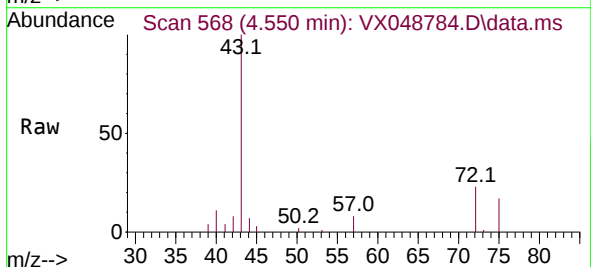
Reviewed By :John Carlone 12/10/2025

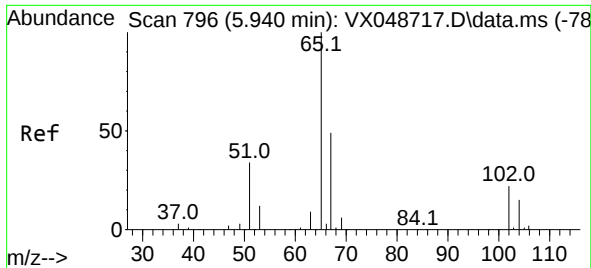
Supervised By :Mahesh Dadoda 12/10/2025



#25
2-Butanone
Concen: 14.262 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

Tgt Ion: 43	Resp: 17559
Ion Ratio	Lower Upper
43 100	
72 23.4	22.6 34.0





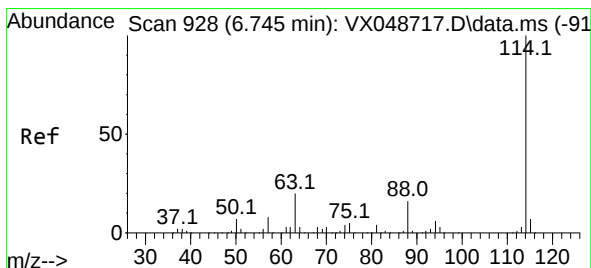
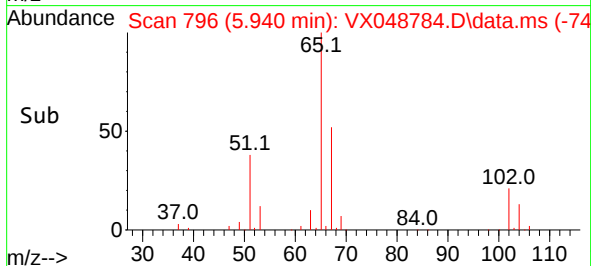
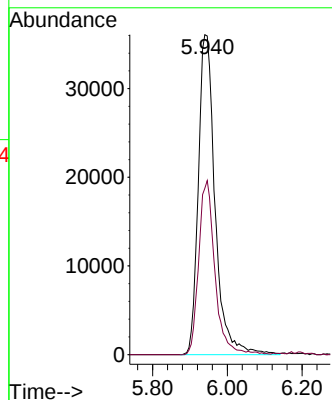
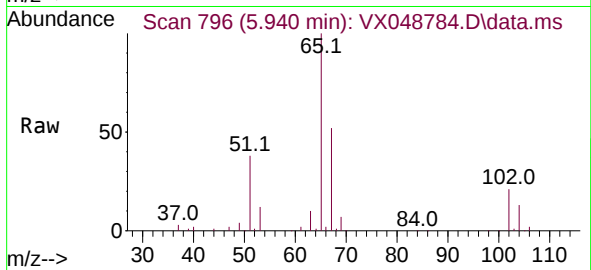
#33
1,2-Dichloroethane-d4
Concen: 51.479 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

Instrument :
MSVOA_X
ClientSampleId :
CHASE-H

Tgt Ion: 65 Resp: 112173
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4

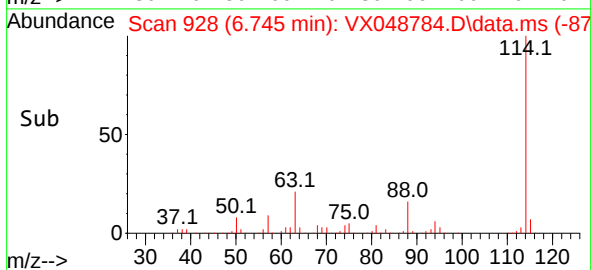
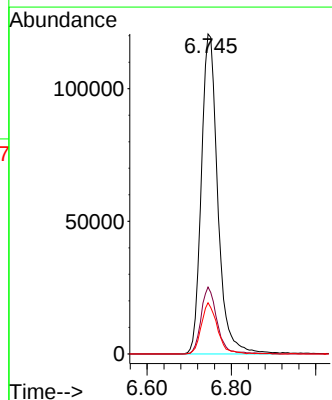
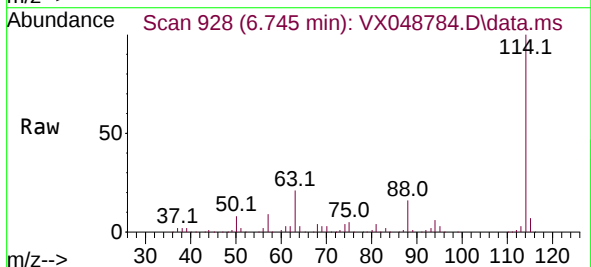
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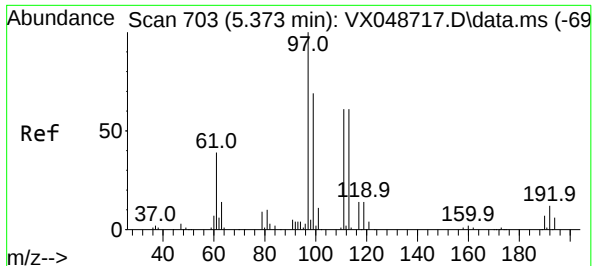
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

Tgt Ion:114 Resp: 324548
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.0
88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 44.715 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX048784.D

Acq: 09 Dec 2025 15:08

Instrument :

MSVOA_X

ClientSampleId :

CHASE-H

Tgt Ion:113 Resp: 9992

Ion Ratio Lower Upper

113 100

111 101.3 79.5 119.3

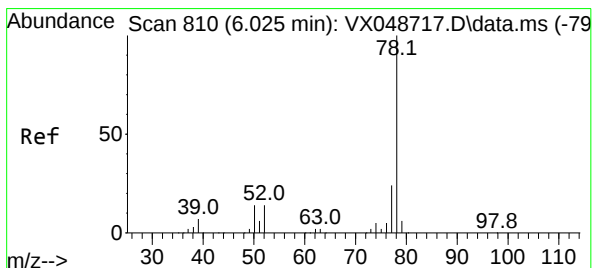
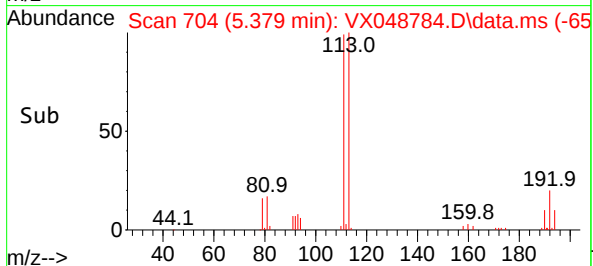
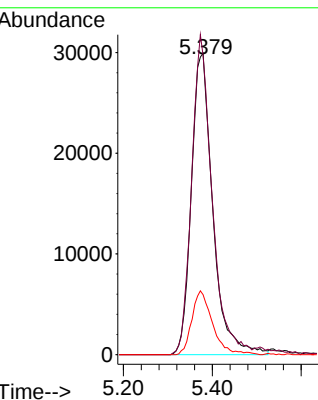
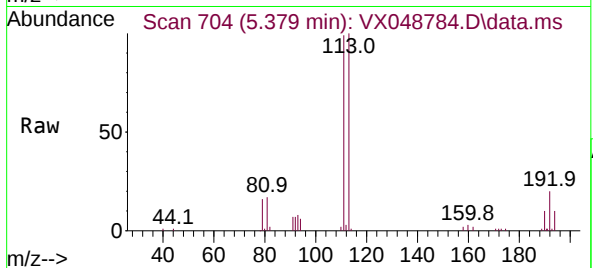
192 20.4 16.1 24.1

Manual Integrations

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Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#40

Benzene

Concen: 281.945 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048784.D

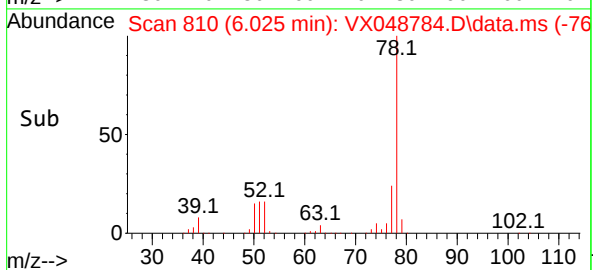
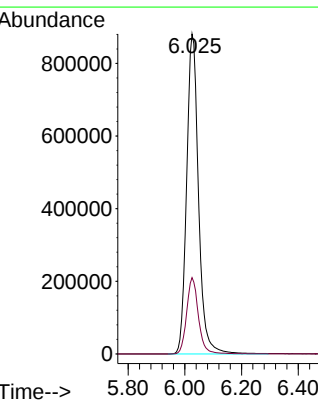
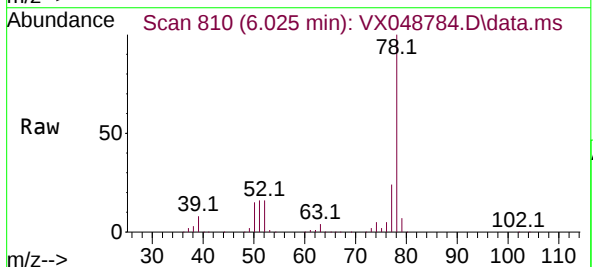
Acq: 09 Dec 2025 15:08

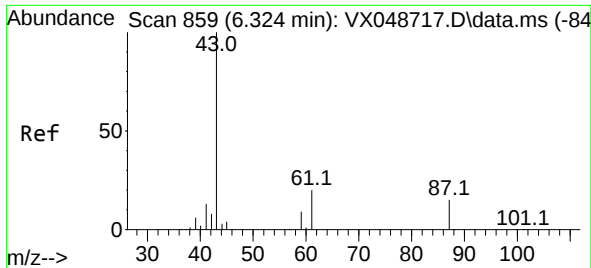
Tgt Ion: 78 Resp: 2558139

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2





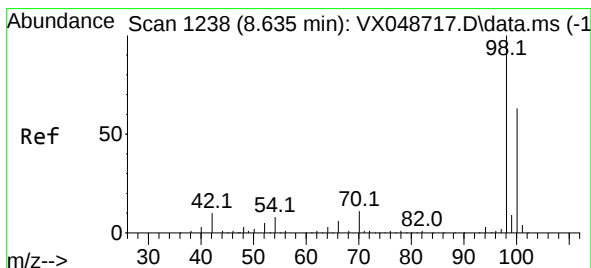
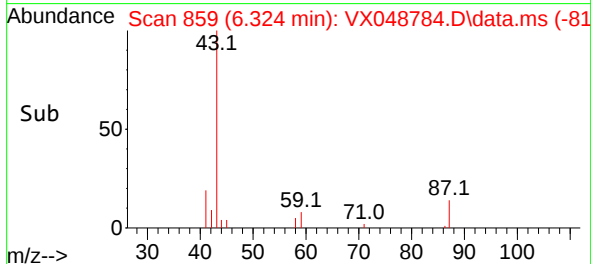
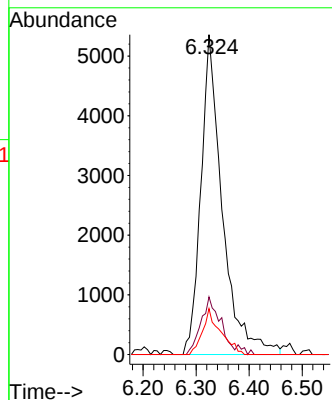
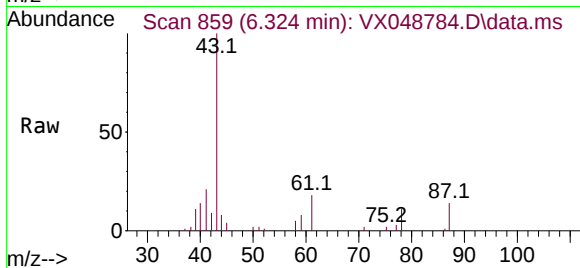
#43
Isopropyl Acetate
Concen: 2.718 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

Instrument :
MSVOA_X
ClientSampleId :
CHASE-H

Tgt Ion: 43 Resp: 15054
Ion Ratio Lower Upper
43 100
61 16.3 16.8 25.2
87 12.1 11.8 17.6

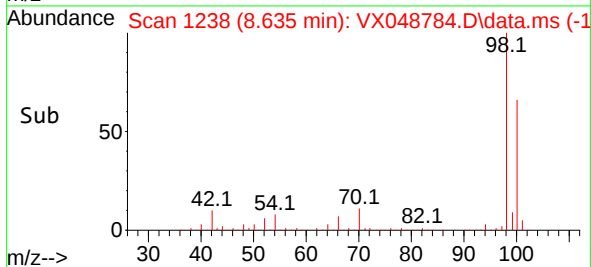
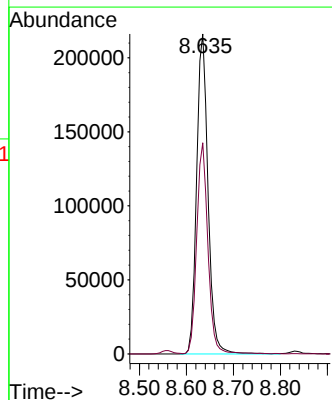
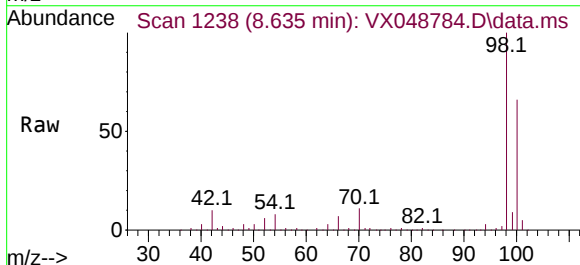
Manual Integrations
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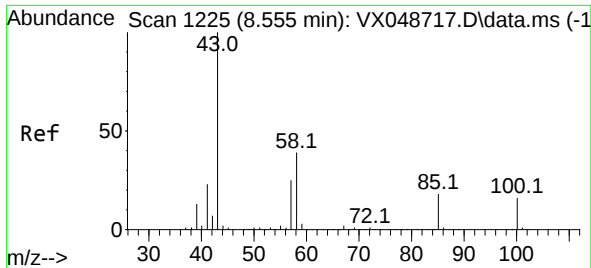
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#50
Toluene-d8
Concen: 46.057 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

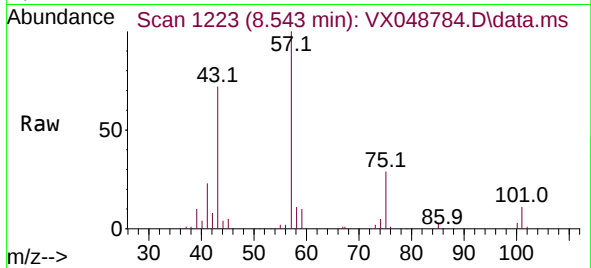
Tgt Ion: 98 Resp: 360768
Ion Ratio Lower Upper
98 100
100 64.9 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 8.093 ug/l m
RT: 8.543 min Scan# 1223
Delta R.T. -0.012 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

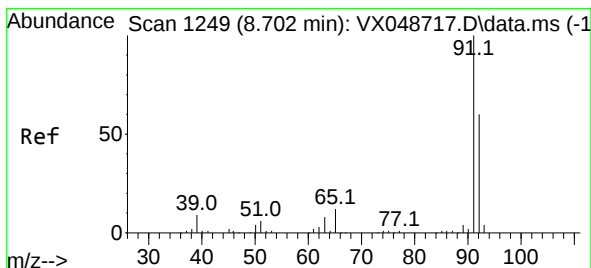
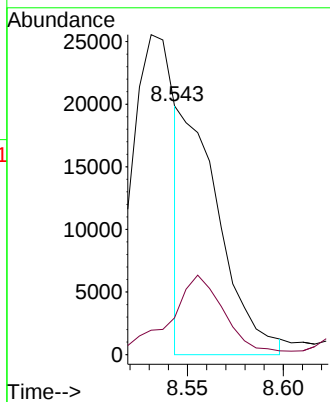
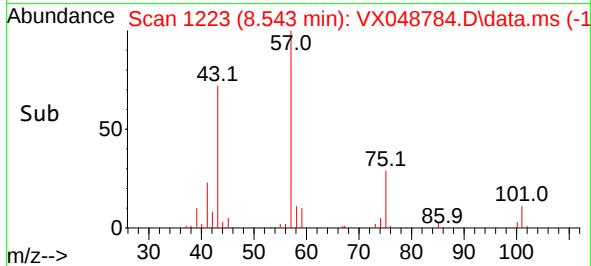
Instrument :
MSVOA_X
ClientSampleId :
CHASE-H



Tgt Ion: 43 Resp: 2781
Ion Ratio Lower Upper
43 100
58 0.0 32.2 48.4

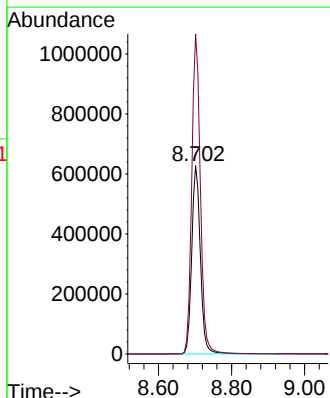
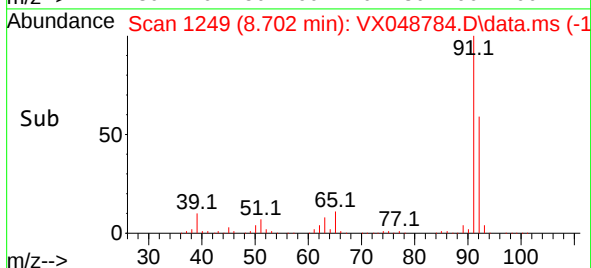
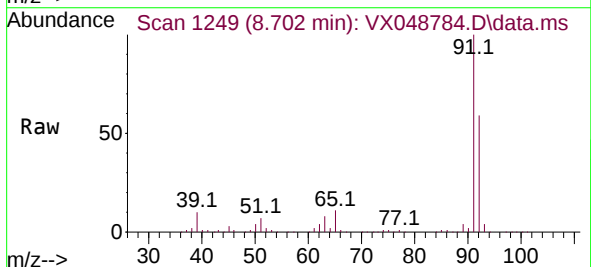
Manual Integrations
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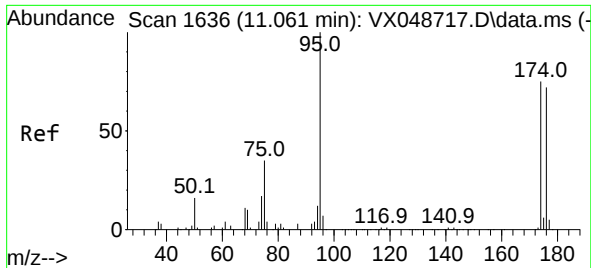
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#52
Toluene
Concen: 186.625 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

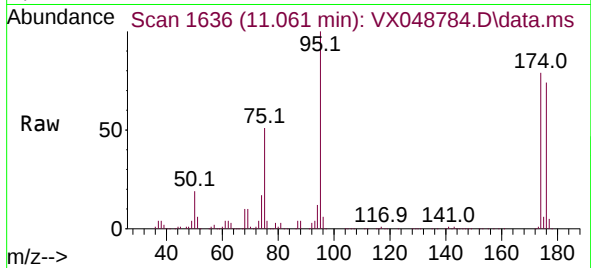
Tgt Ion: 92 Resp: 1021072
Ion Ratio Lower Upper
92 100
91 170.2 136.3 204.5





#62
4-Bromofluorobenzene
Concen: 58.200 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

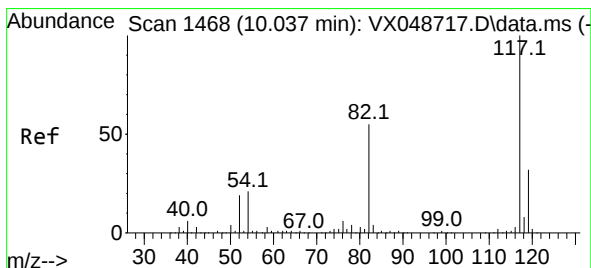
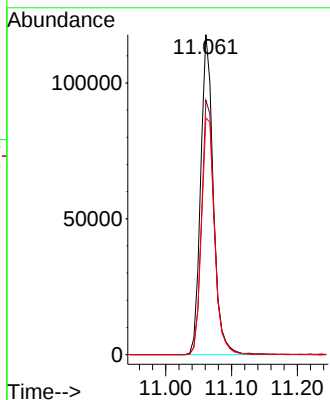
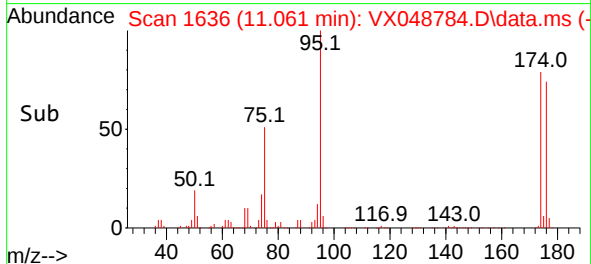
Instrument :
MSVOA_X
ClientSampleId :
CHASE-H



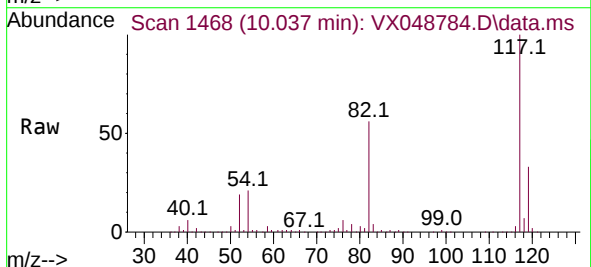
Tgt Ion: 95 Resp: 157205
Ion Ratio Lower Upper
95 100
174 81.0 0.0 157.8
176 77.2 0.0 154.0

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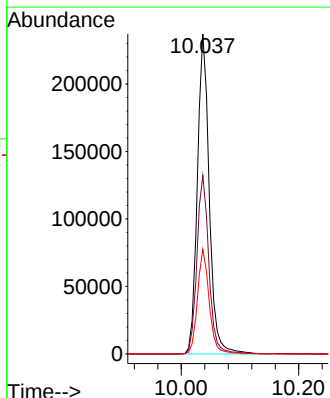
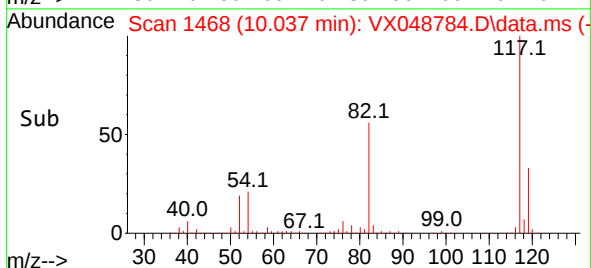
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

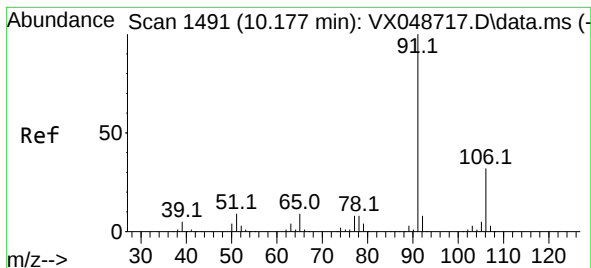


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08



Tgt Ion:117 Resp: 333200
Ion Ratio Lower Upper
117 100
82 55.8 44.1 66.1
119 32.7 25.2 37.8





#67

Ethyl Benzene

Concen: 8.969 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048784.D

Acq: 09 Dec 2025 15:08

Instrument :

MSVOA_X

ClientSampleId :

CHASE-H

Tgt Ion: 91 Resp: 106738

Ion Ratio Lower Upper

91 100

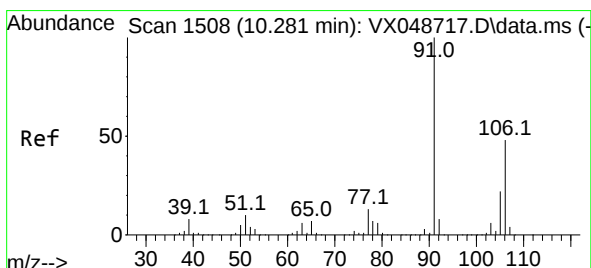
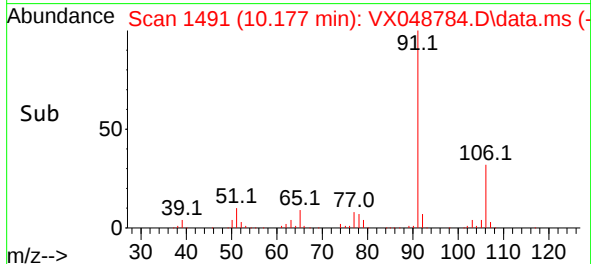
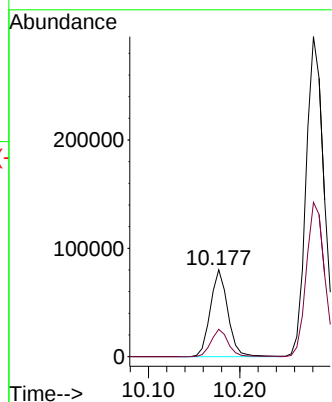
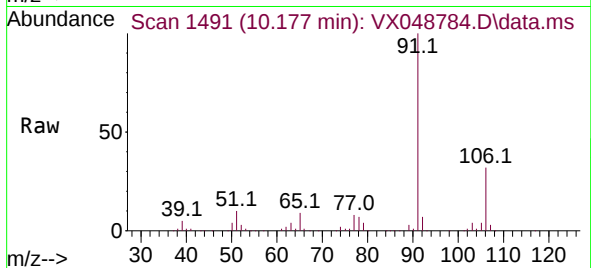
106 31.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#68

m/p-Xylenes

Concen: 43.212 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VX048784.D

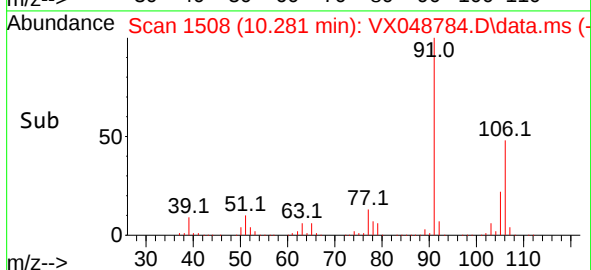
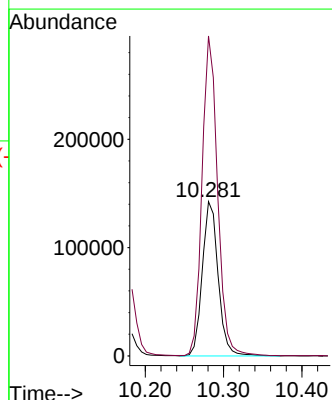
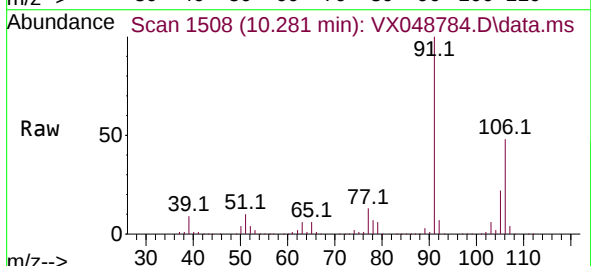
Acq: 09 Dec 2025 15:08

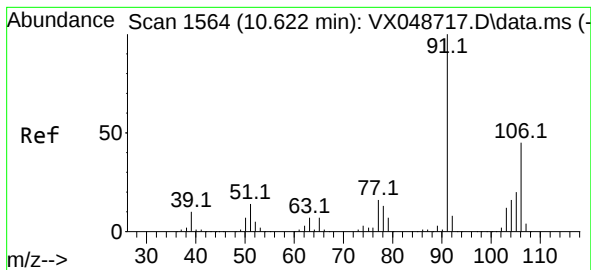
Tgt Ion:106 Resp: 200328

Ion Ratio Lower Upper

106 100

91 203.5 164.2 246.4





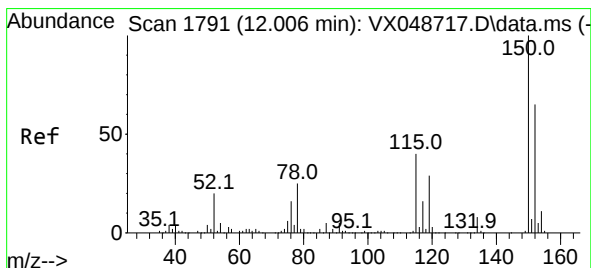
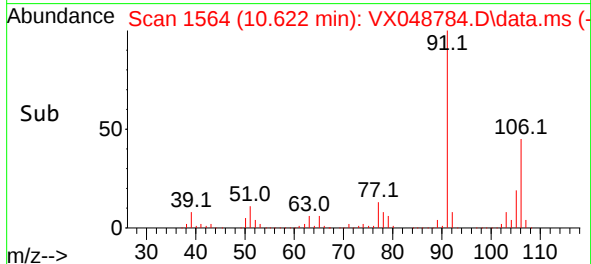
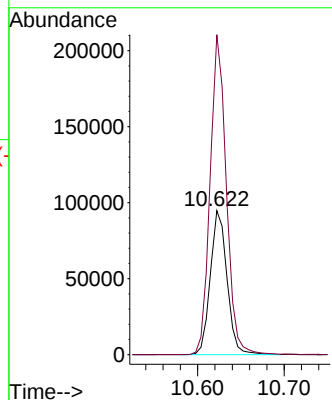
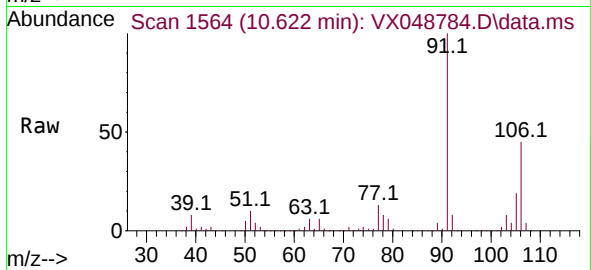
#69
o-Xylene
Concen: 29.200 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

Instrument :
MSVOA_X
ClientSampleId :
CHASE-H

Tgt Ion:106 Resp: 126850
Ion Ratio Lower Upper
106 100
91 215.6 108.1 324.3

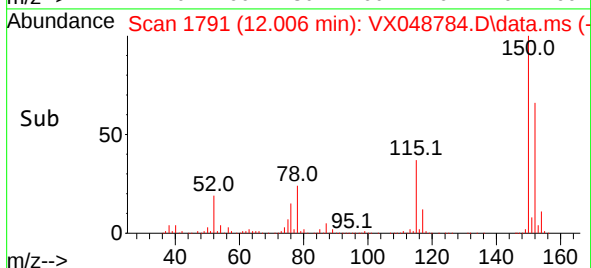
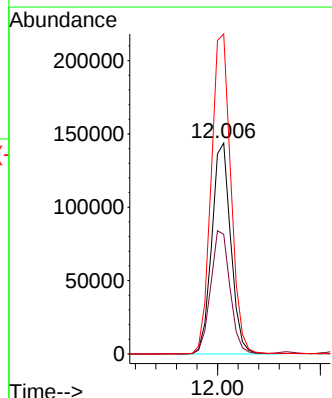
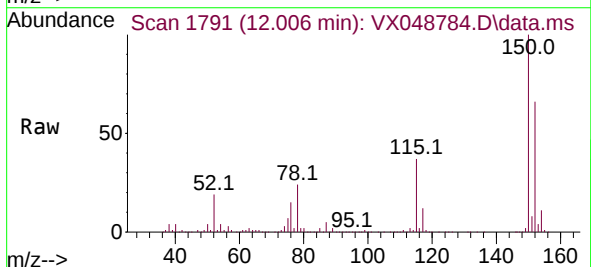
Manual Integrations
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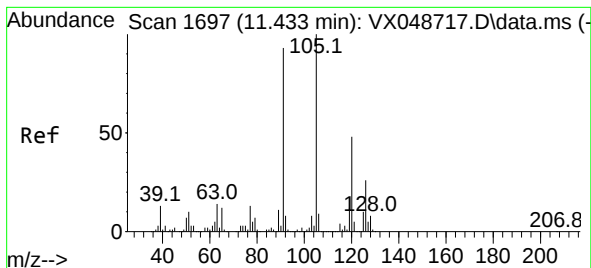
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

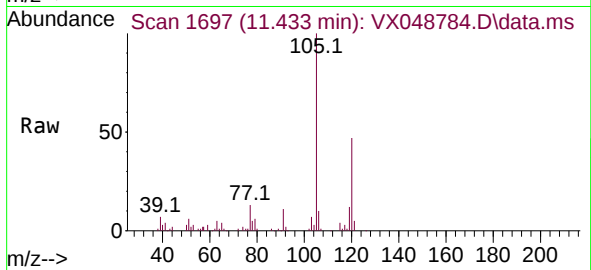
Tgt Ion:152 Resp: 184210
Ion Ratio Lower Upper
152 100
115 59.4 42.1 126.4
150 157.6 0.0 347.8





#80
1,3,5-Trimethylbenzene
Concen: 2.470 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08

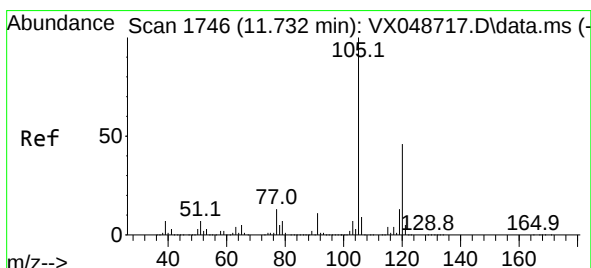
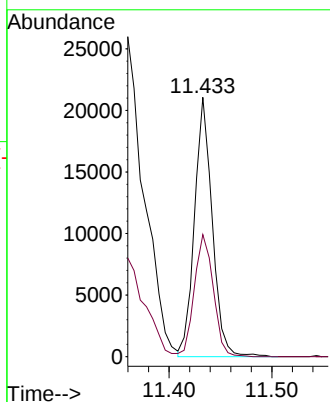
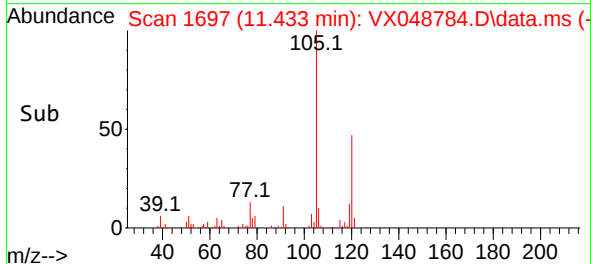
Instrument :
MSVOA_X
ClientSampleId :
CHASE-H



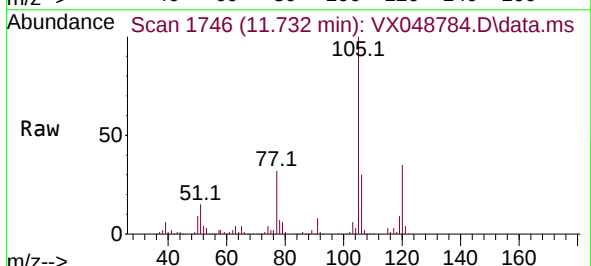
Tgt Ion:105 Resp: 25203
Ion Ratio Lower Upper
105 100
120 50.5 24.4 73.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#84
1,2,4-Trimethylbenzene
Concen: 9.796 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048784.D
Acq: 09 Dec 2025 15:08



Tgt Ion:105 Resp: 100825
Ion Ratio Lower Upper
105 100
120 34.8 22.3 66.8

