

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
 Data File : VX048783.D
 Acq On : 09 Dec 2025 14:48
 Operator : JC/MD
 Sample : Q3803-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-G

Quant Time: Dec 10 00:23:11 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	5.538	168	186300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	391593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	411898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	219312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	140505	56.191	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.380%			
35) Dibromofluoromethane	5.373	113	125191	46.431	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.860%			
50) Toluene-d8	8.635	98	442865	46.858	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.720%			
62) 4-Bromofluorobenzene	11.061	95	196539	60.305	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.600%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.934	59	4458	11.043	ug/l	98
16) Acetone	2.374	43	89569	93.570	ug/l	96
18) Methyl Acetate	2.703	43	15966	5.928	ug/l	94
20) Methylene Chloride	2.794	84	131647	55.022	ug/l	96
25) 2-Butanone	4.550	43	15117	10.700	ug/l	98
40) Benzene	6.031	78	270598	24.718	ug/l	98
43) Isopropyl Acetate	6.330	43	14019	2.098	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	1103152	265.988	ug/l	97
52) Toluene	8.702	92	150542	22.804	ug/l	98
67) Ethyl Benzene	10.177	91	41066	2.791	ug/l	98
68) m/p-Xylenes	10.281	106	79369	13.849	ug/l	100
69) o-Xylene	10.622	106	85268	15.878	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	73795m	6.022	ug/l	

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

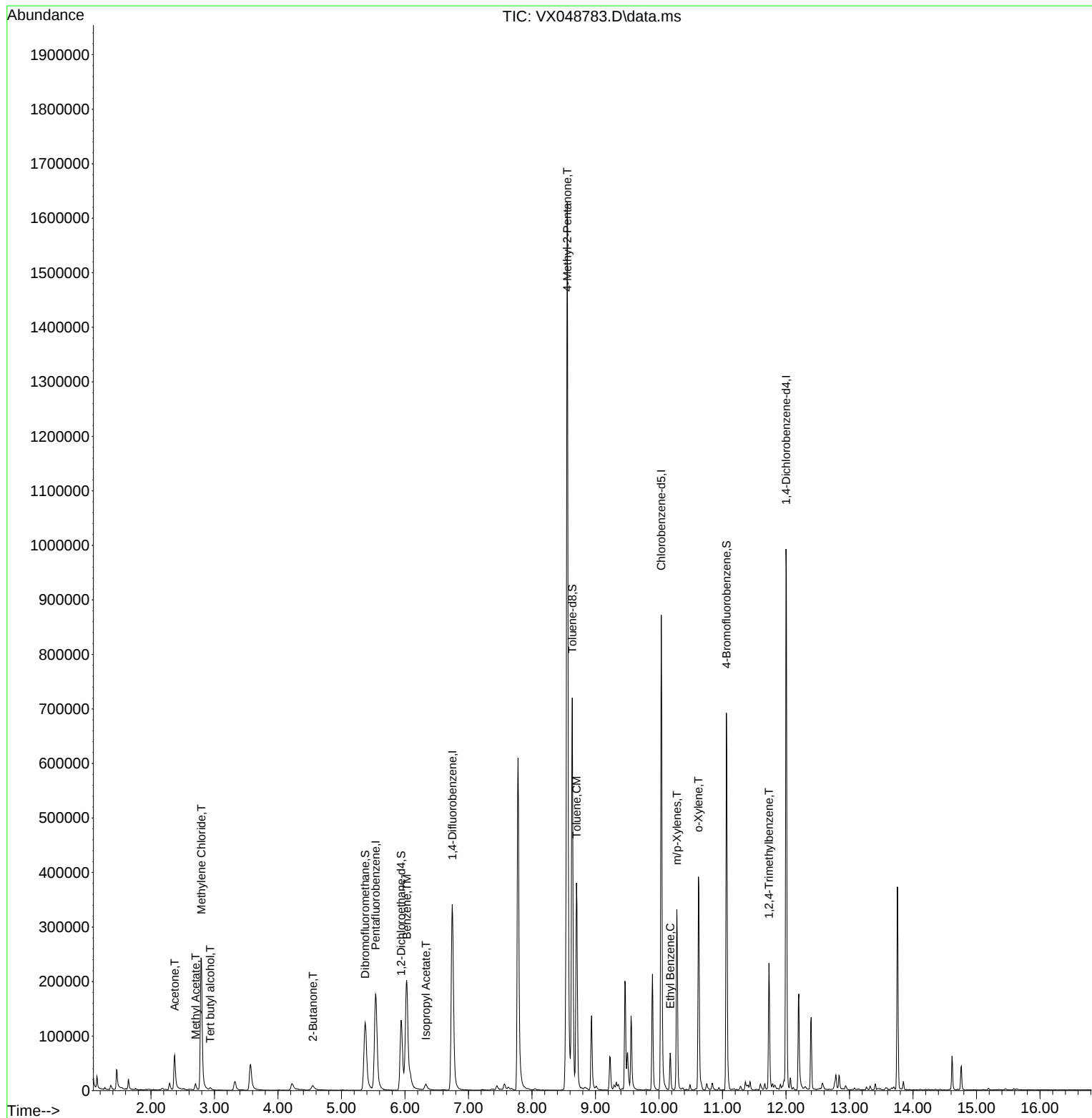
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048783.D
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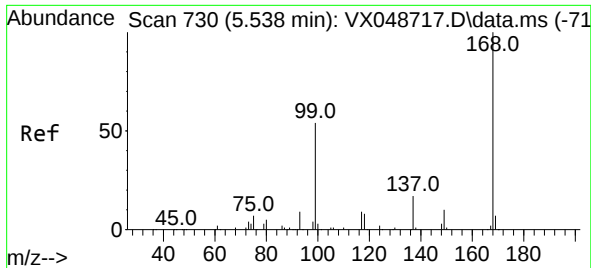
Instrument :
MSVOA_X
ClientSampleId :
CHASE-G

Quant Time: Dec 10 00:23:11 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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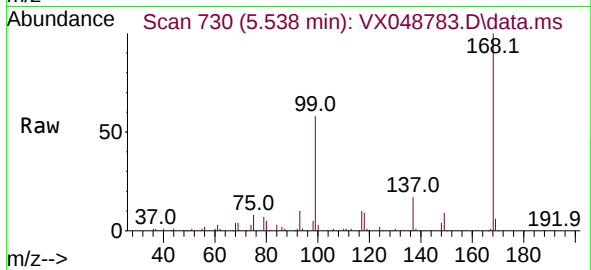
Reviewed By : John Carlone 12/10/2025
Supervised By : Mahesh Dadoda 12/10/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.000 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

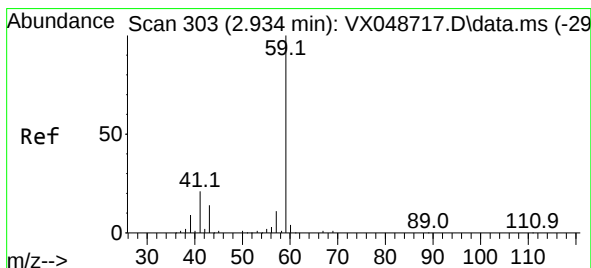
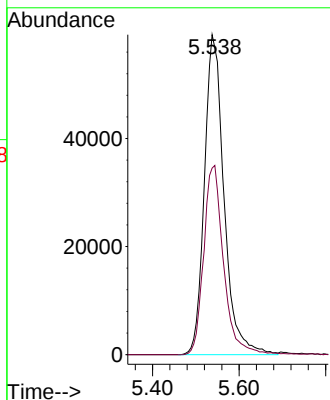
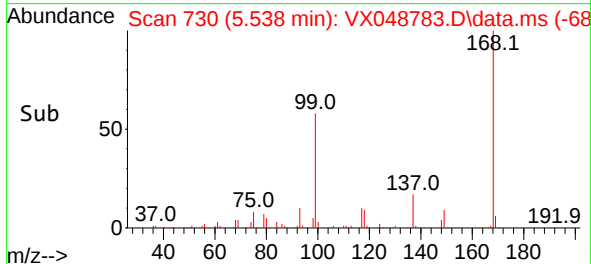
Instrument :
MSVOA_X
ClientSampleId :
CHASE-G



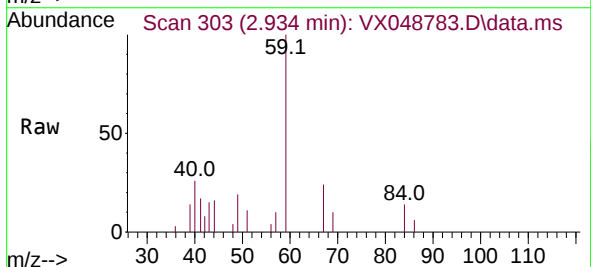
Tgt Ion:168 Resp: 186300
Ion Ratio Lower Upper
168 100
99 58.3 44.2 66.4

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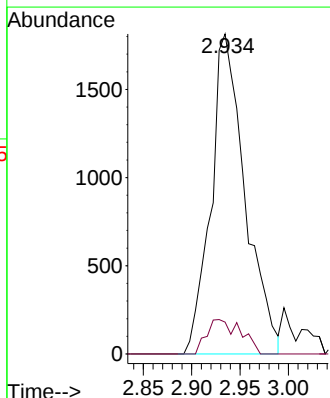
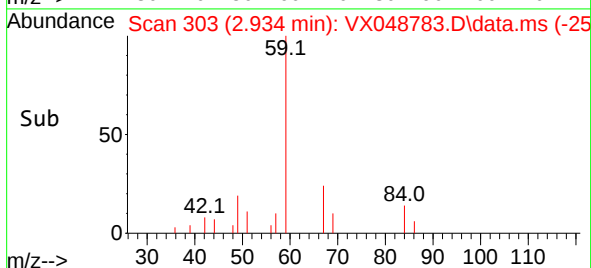
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

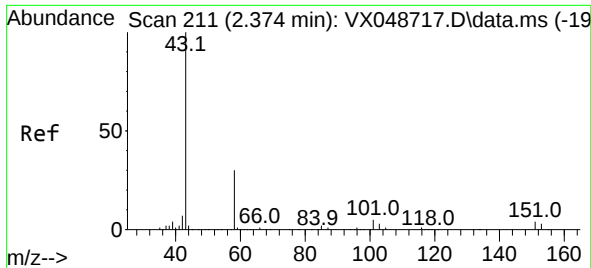


#11
Tert butyl alcohol
Concen: 11.043 ug/l
RT: 2.934 min Scan# 303
Delta R.T. 0.000 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48



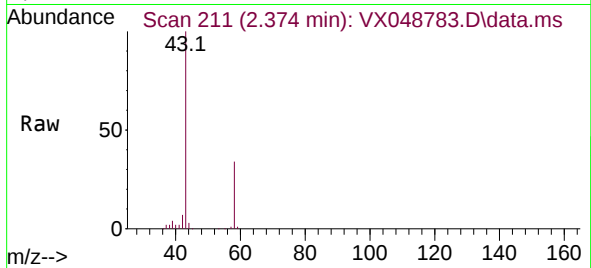
Tgt Ion: 59 Resp: 4458
Ion Ratio Lower Upper
59 100
57 10.8 8.1 12.1





#16
Acetone
Concen: 93.570 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

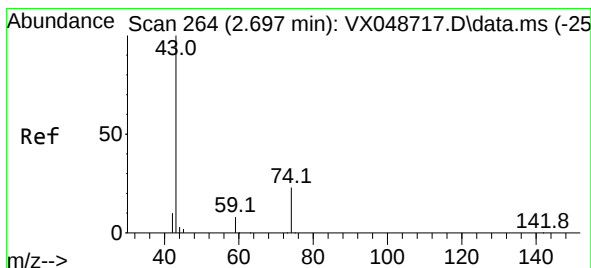
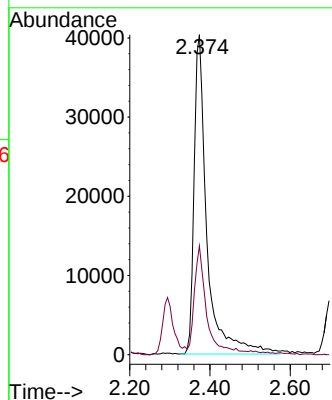
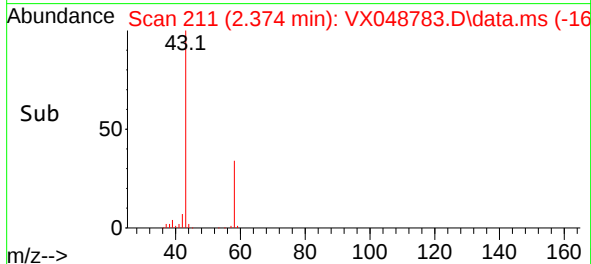
Instrument :
MSVOA_X
ClientSampleId :
CHASE-G



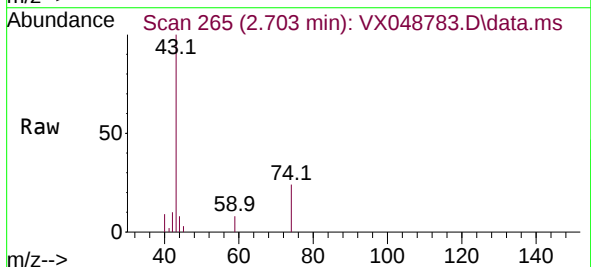
Tgt Ion: 43 Resp: 89569
Ion Ratio Lower Upper
43 100
58 33.4 25.0 37.4

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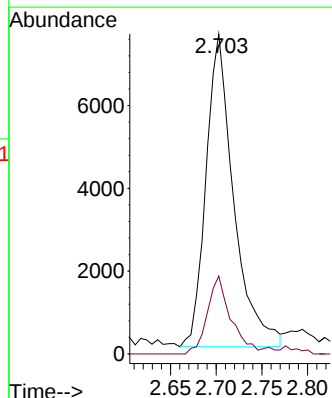
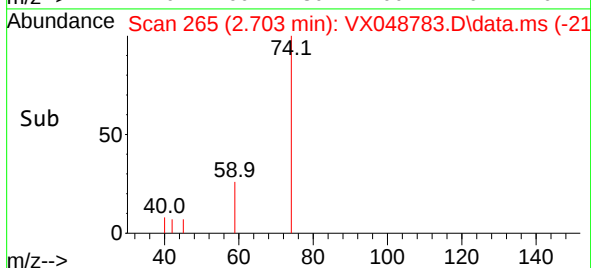
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

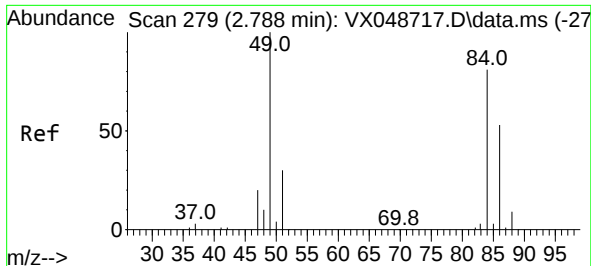


#18
Methyl Acetate
Concen: 5.928 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48



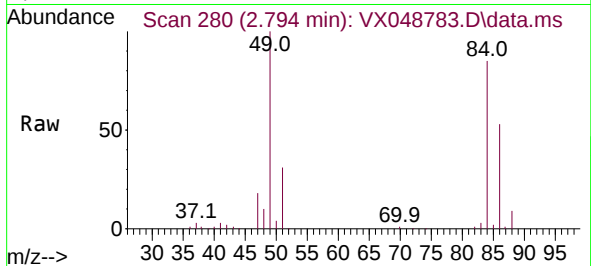
Tgt Ion: 43 Resp: 15966
Ion Ratio Lower Upper
43 100
74 21.2 19.2 28.8





#20
Methylene Chloride
Concen: 55.022 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

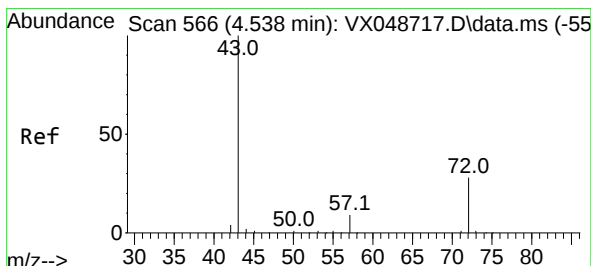
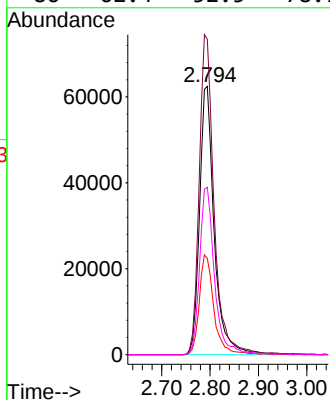
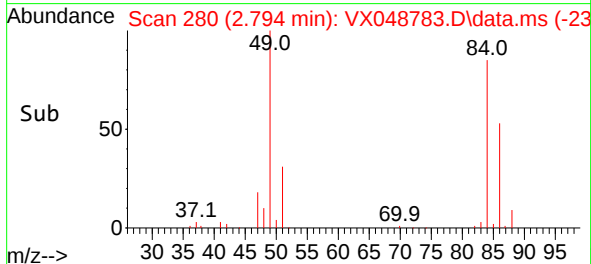
Instrument :
MSVOA_X
ClientSampleId :
CHASE-G



Tgt Ion: 84 Resp: 13164
Ion Ratio Lower Upper
84 100
49 117.5 98.7 148.1
51 35.9 29.4 44.2
86 62.4 52.5 78.7

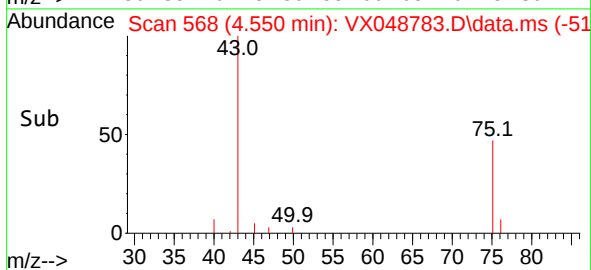
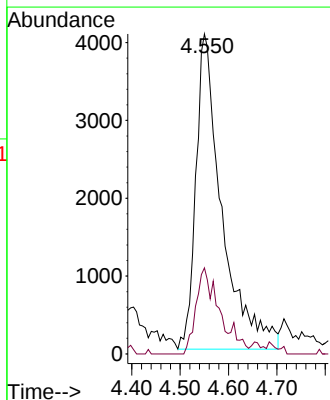
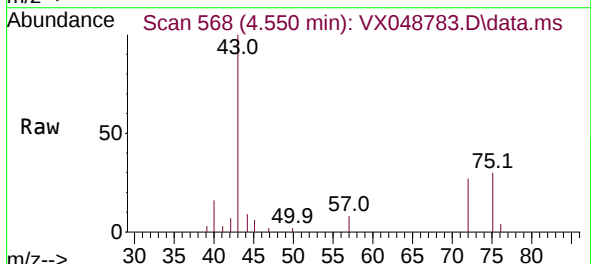
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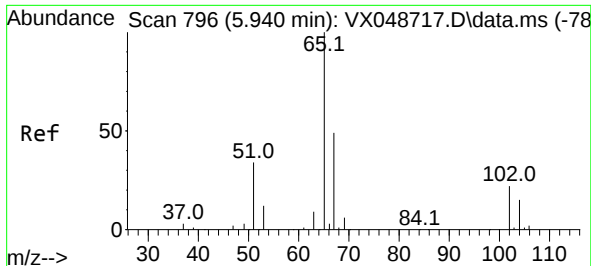
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#25
2-Butanone
Concen: 10.700 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

Tgt Ion: 43 Resp: 15117
Ion Ratio Lower Upper
43 100
72 27.3 22.6 34.0





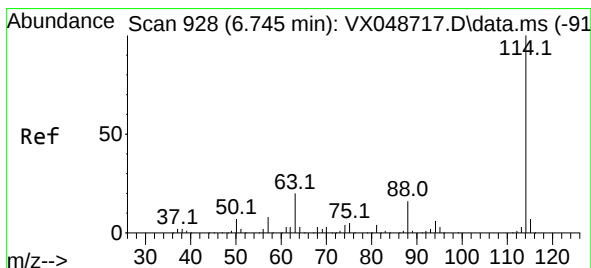
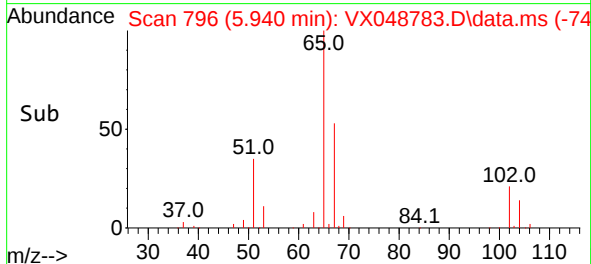
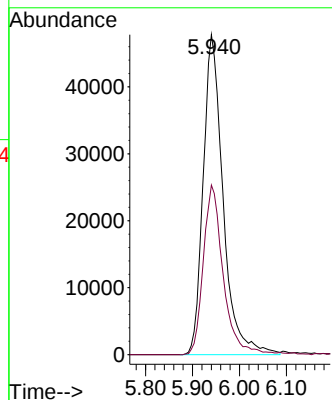
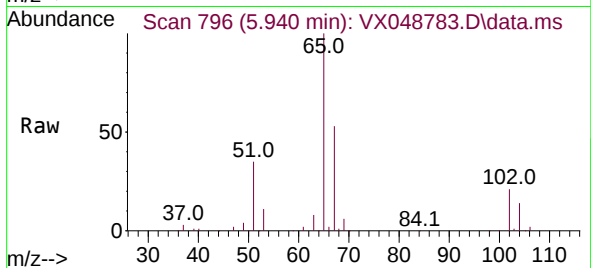
#33
1,2-Dichloroethane-d4
Concen: 56.191 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

Instrument :
MSVOA_X
ClientSampleId :
CHASE-G

Tgt Ion: 65 Resp: 140505
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4

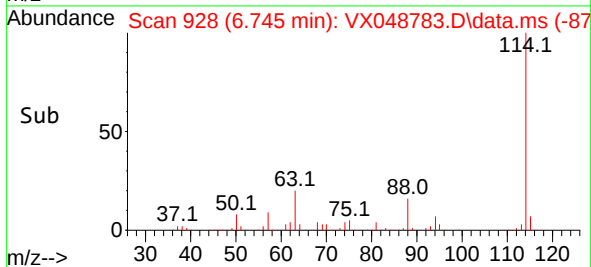
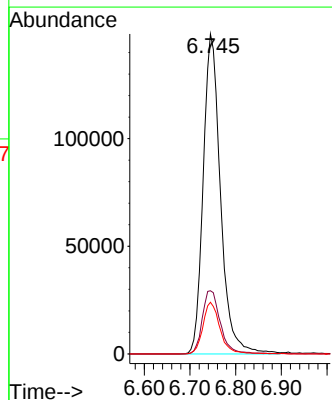
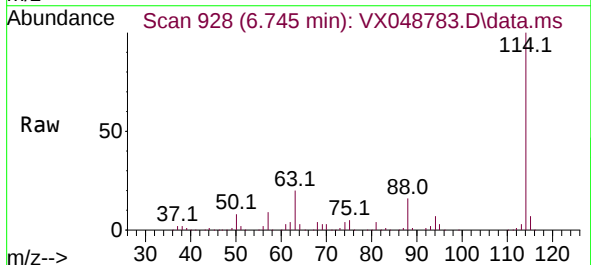
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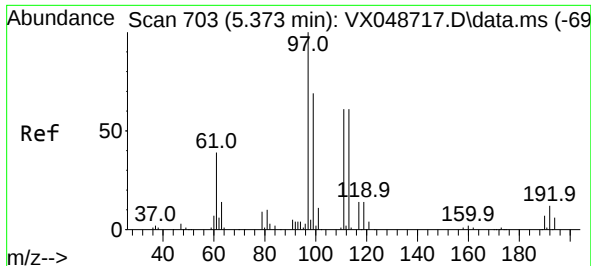
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

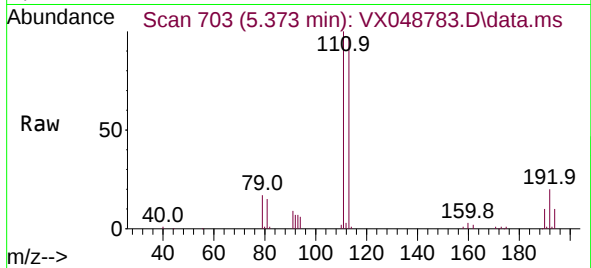
Tgt Ion:114 Resp: 391593
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.0
88 16.1 0.0 31.8





#35
Dibromofluoromethane
Concen: 46.431 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

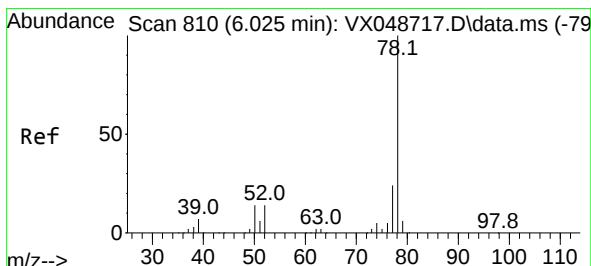
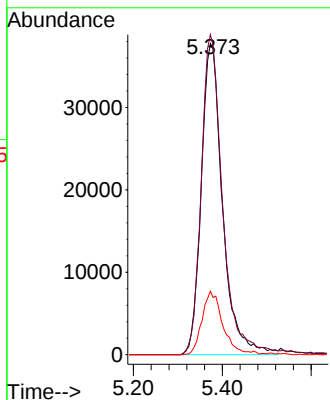
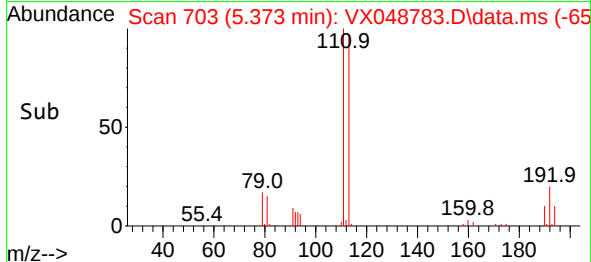
Instrument :
MSVOA_X
ClientSampleId :
CHASE-G



Tgt Ion:113 Resp: 125191
Ion Ratio Lower Upper
113 100
111 103.1 79.5 119.3
192 20.0 16.1 24.1

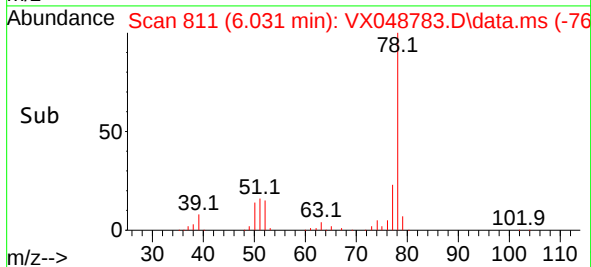
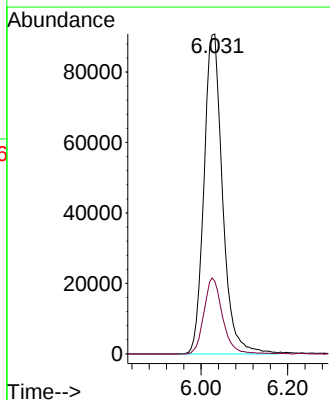
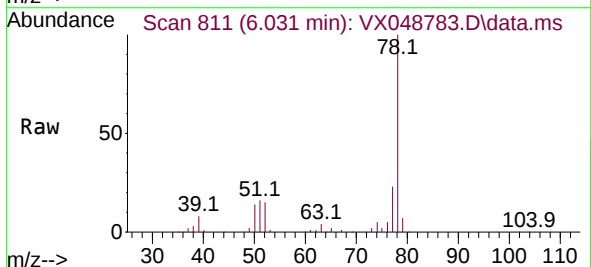
Manual Integrations
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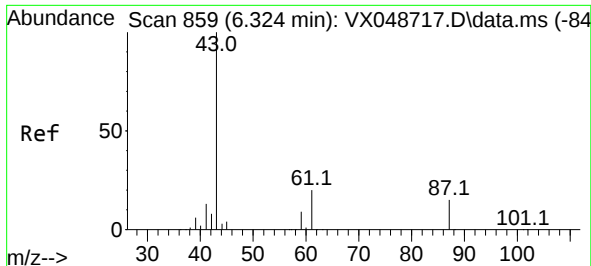
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#40
Benzene
Concen: 24.718 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

Tgt Ion: 78 Resp: 270598
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2





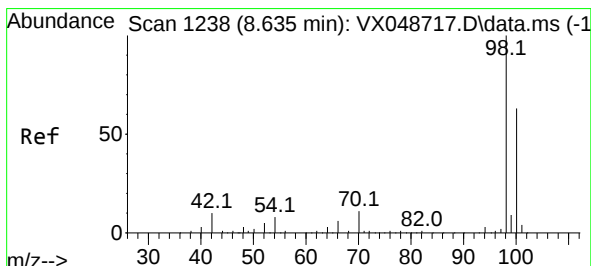
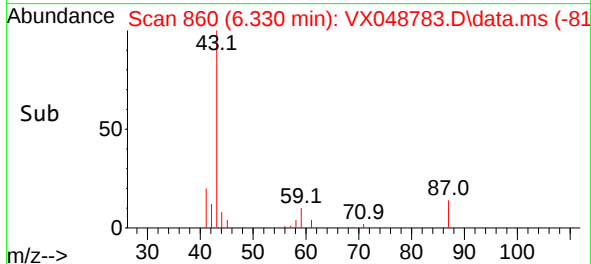
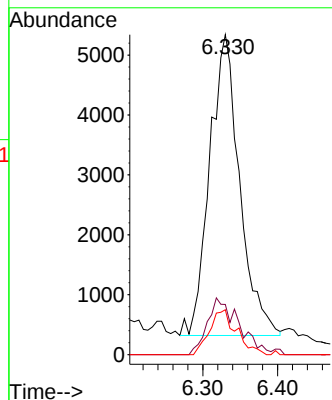
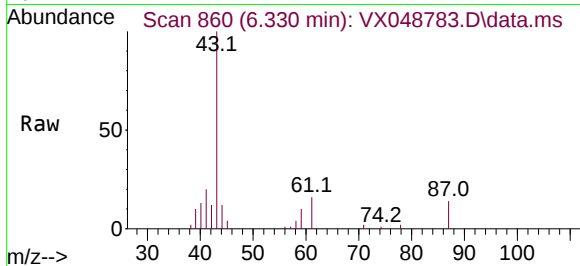
#43
Isopropyl Acetate
Concen: 2.098 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

Instrument :
MSVOA_X
ClientSampleId :
CHASE-G

Tgt Ion: 43 Resp: 14019
Ion Ratio Lower Upper
43 100
61 19.8 16.8 25.2
87 13.4 11.8 17.6

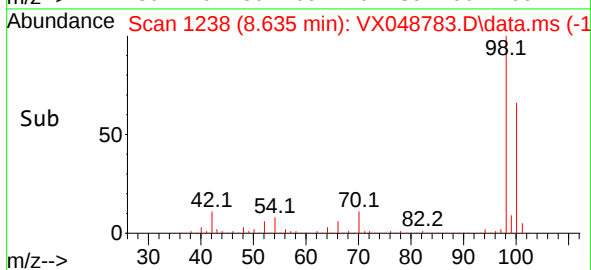
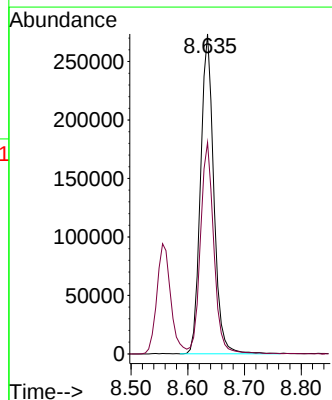
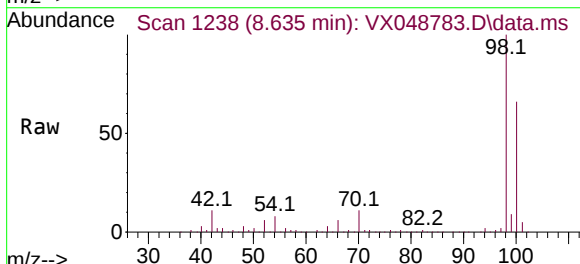
Manual Integrations
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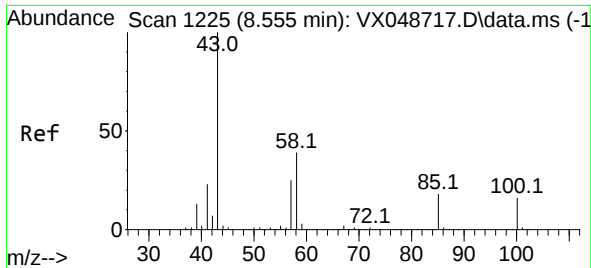
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#50
Toluene-d8
Concen: 46.858 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

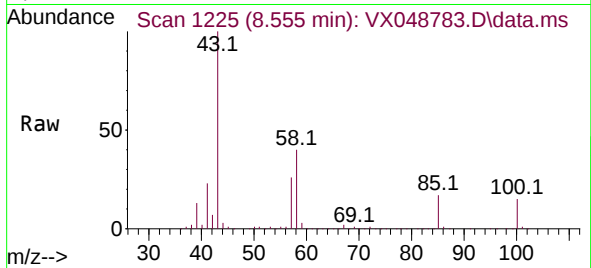
Tgt Ion: 98 Resp: 442865
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 265.988 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

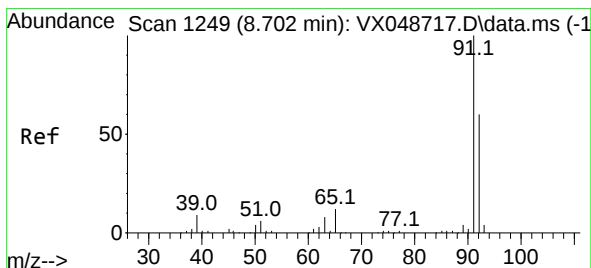
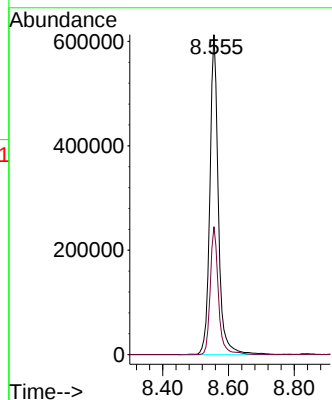
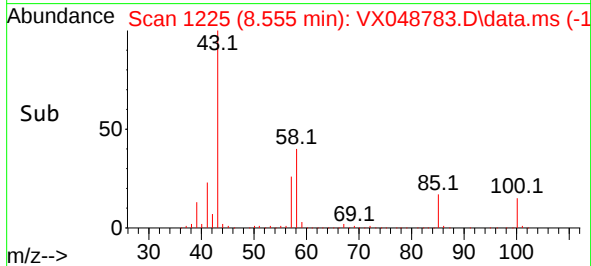
Instrument :
MSVOA_X
ClientSampleId :
CHASE-G



Tgt Ion: 43 Resp: 1103152
Ion Ratio Lower Upper
43 100
58 38.5 32.2 48.4

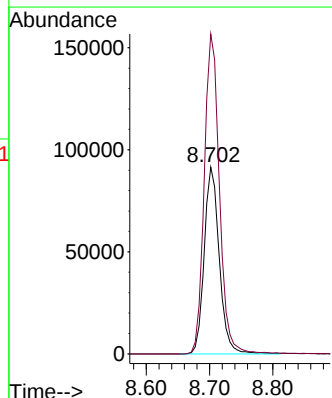
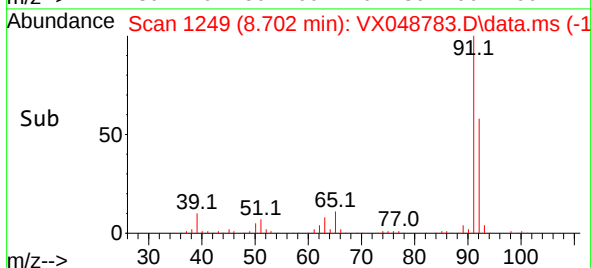
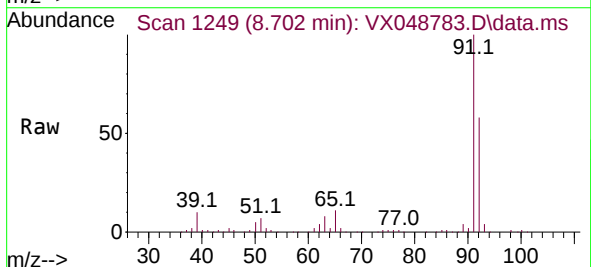
Manual Integrations
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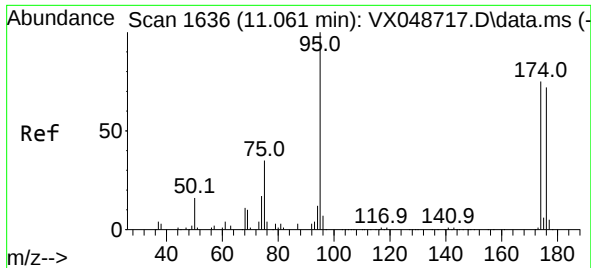
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#52
Toluene
Concen: 22.804 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

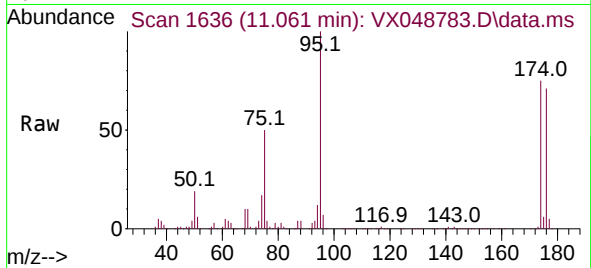
Tgt Ion: 92 Resp: 150542
Ion Ratio Lower Upper
92 100
91 173.4 136.3 204.5





#62
4-Bromofluorobenzene
Concen: 60.305 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

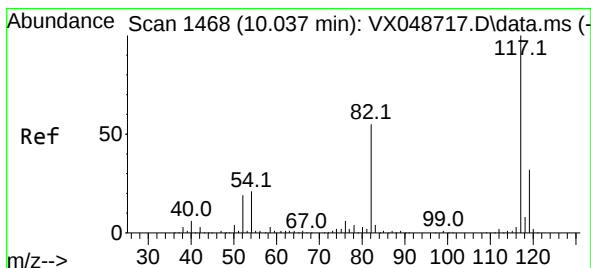
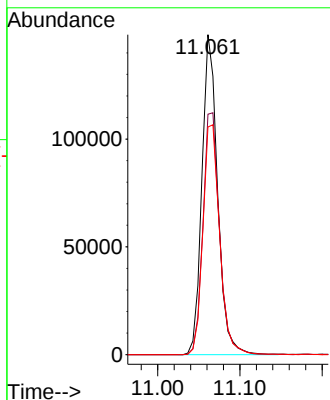
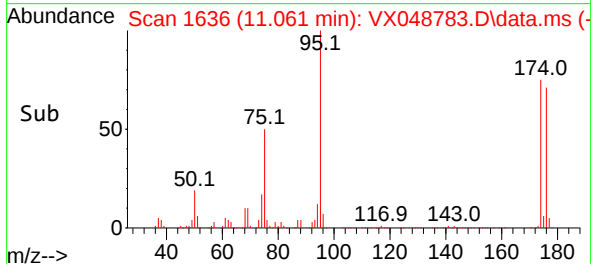
Instrument :
MSVOA_X
ClientSampleId :
CHASE-G



Tgt Ion: 95 Resp: 196539
Ion Ratio Lower Upper
95 100
174 79.7 0.0 157.8
176 76.9 0.0 154.0

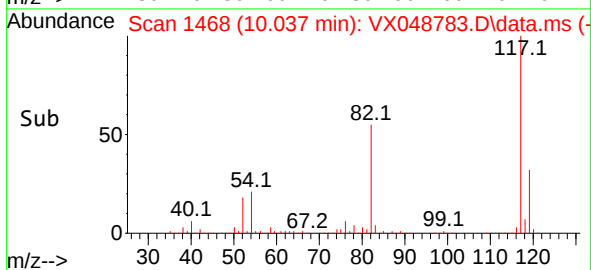
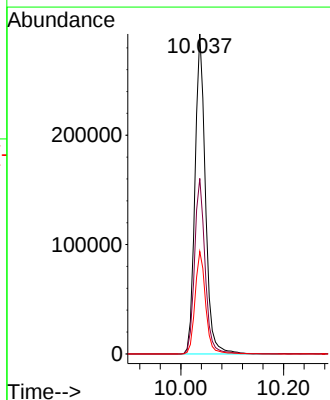
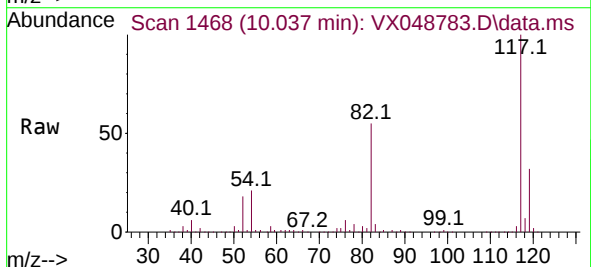
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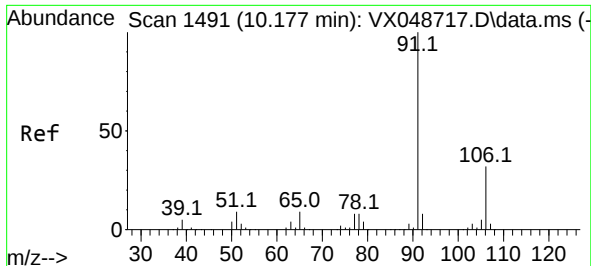
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

Tgt Ion:117 Resp: 411898
Ion Ratio Lower Upper
117 100
82 54.8 44.1 66.1
119 32.0 25.2 37.8





#67

Ethyl Benzene

Concen: 2.791 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048783.D

Acq: 09 Dec 2025 14:48

Instrument :

MSVOA_X

ClientSampleId :

CHASE-G

Tgt Ion: 91 Resp: 41066

Ion Ratio Lower Upper

91 100

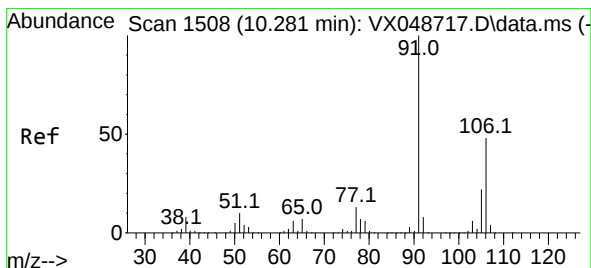
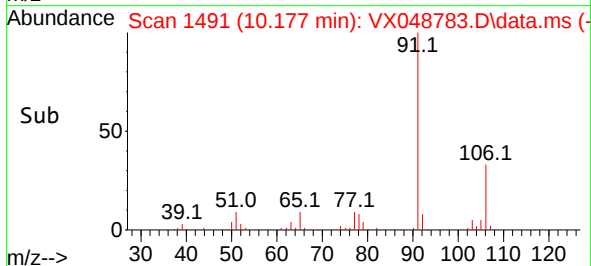
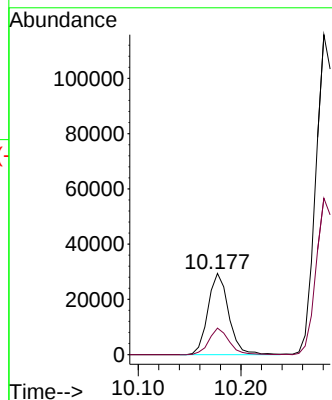
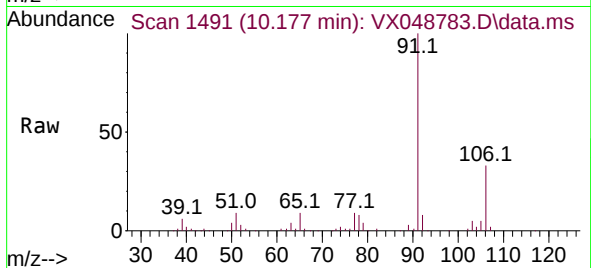
106 32.7 25.3 37.9

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Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#68

m/p-Xylenes

Concen: 13.849 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VX048783.D

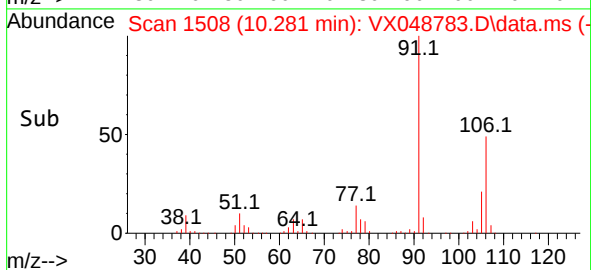
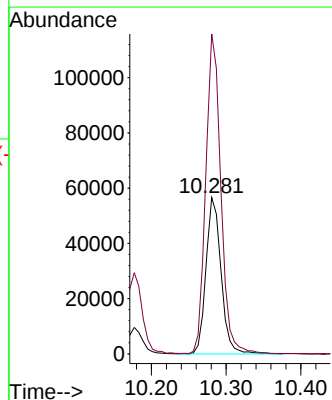
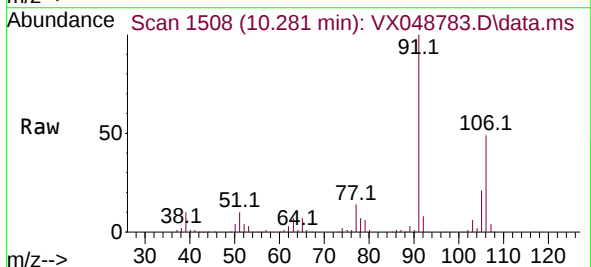
Acq: 09 Dec 2025 14:48

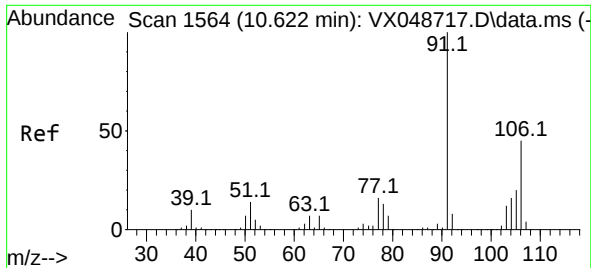
Tgt Ion:106 Resp: 79369

Ion Ratio Lower Upper

106 100

91 205.2 164.2 246.4





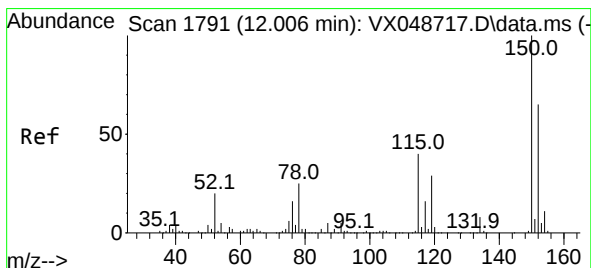
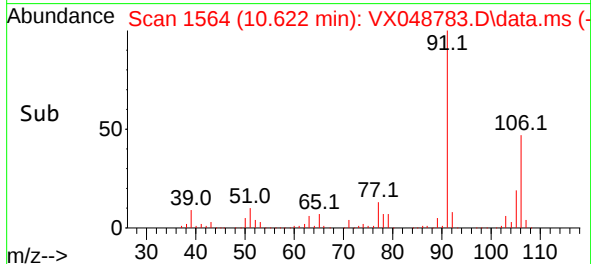
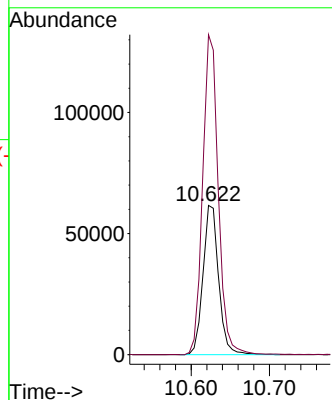
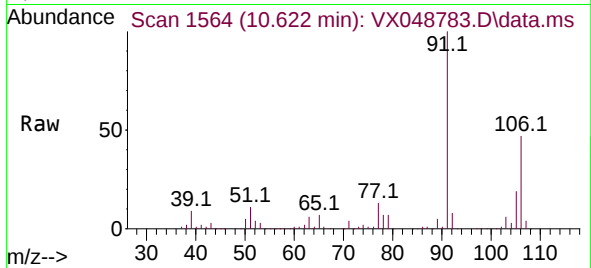
#69
o-Xylene
Concen: 15.878 ug/l
RT: 10.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

Instrument :
MSVOA_X
ClientSampleId :
CHASE-G

Tgt Ion:106 Resp: 85268
Ion Ratio Lower Upper
106 100
91 214.3 108.1 324.3

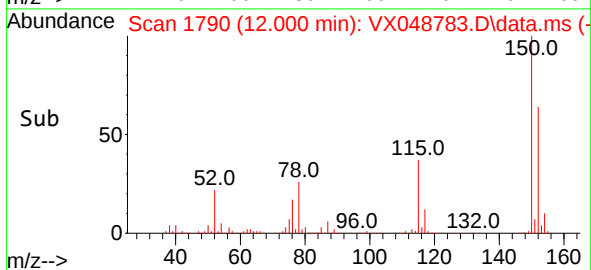
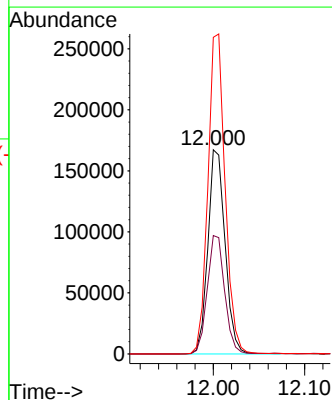
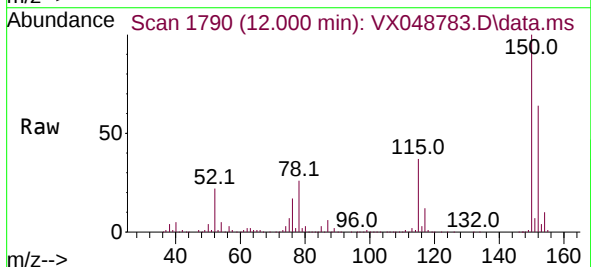
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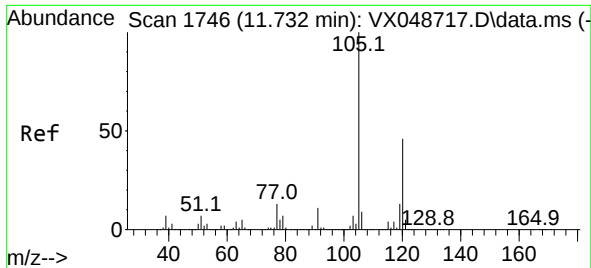
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048783.D
Acq: 09 Dec 2025 14:48

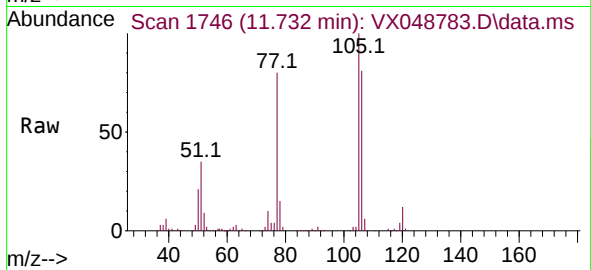
Tgt Ion:152 Resp: 219312
Ion Ratio Lower Upper
152 100
115 58.5 42.1 126.4
150 157.1 0.0 347.8





#84
 1,2,4-Trimethylbenzene
 Concen: 6.022 ug/l m
 RT: 11.732 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048783.D
 Acq: 09 Dec 2025 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-G



Tgt Ion:105 Resp: 73795
 Ion Ratio Lower Upper
 105 100
 120 1.5 22.3 66.8

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

