

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
 Data File : VX048778.D
 Acq On : 09 Dec 2025 13:06
 Operator : JC/MD
 Sample : Q3803-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-B

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 00:20:20 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

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	177204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	363764	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	381897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	204856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	126167	53.047	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.100%			
35) Dibromofluoromethane	5.373	113	109009	43.523	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.040%			
50) Toluene-d8	8.634	98	395249	45.019	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.040%#			
62) 4-Bromofluorobenzene	11.061	95	172878	57.103	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.200%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.934	59	4812	12.531	ug/l	98
16) Acetone	2.373	43	97728	107.334	ug/l	97
18) Methyl Acetate	2.703	43	9631	3.759	ug/l	95
20) Methylene Chloride	2.788	84	124163	54.557	ug/l	97
25) 2-Butanone	4.550	43	16468	12.255	ug/l	94
40) Benzene	6.025	78	1362856	134.014	ug/l	100
43) Isopropyl Acetate	6.330	43	14411	2.322	ug/l	95
51) 4-Methyl-2-Pentanone	8.555	43	235649m	61.166	ug/l	
52) Toluene	8.702	92	450003	73.382	ug/l	100
67) Ethyl Benzene	10.177	91	39039	2.862	ug/l	100
68) m/p-Xylenes	10.281	106	73302	13.795	ug/l	97
69) o-Xylene	10.622	106	47315	9.503	ug/l	100
84) 1,2,4-Trimethylbenzene	11.731	105	42294m	3.695	ug/l	

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

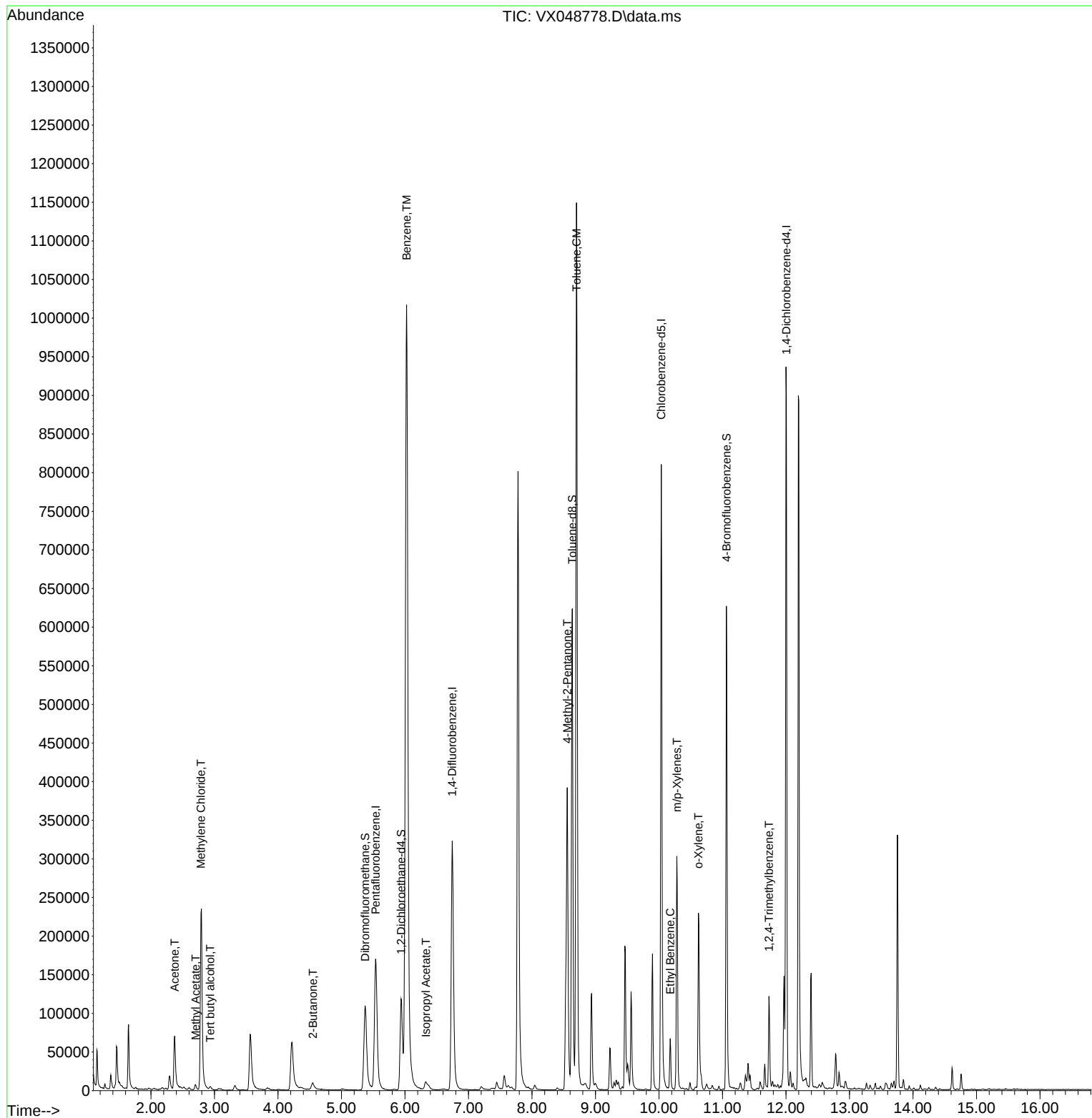
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048778.D
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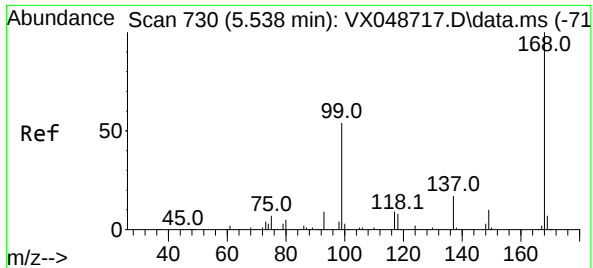
Instrument :
MSVOA_X
ClientSampleId :
CHASE-B

Quant Time: Dec 10 00:20:20 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

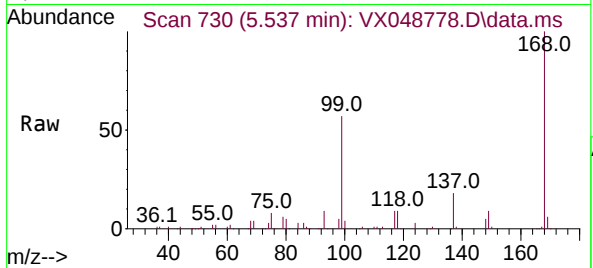
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.001 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06

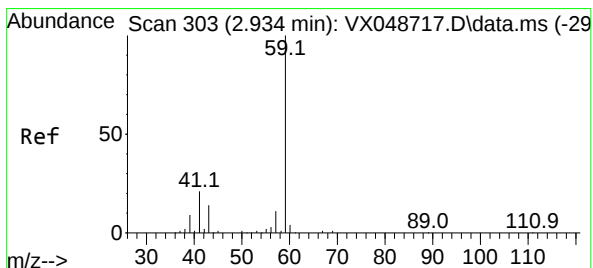
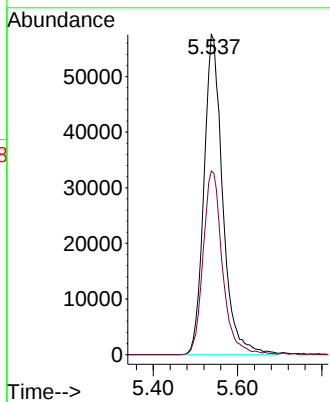
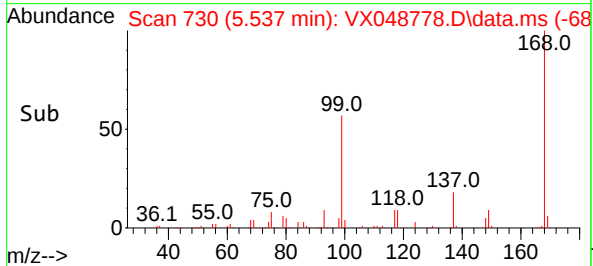
Instrument :
MSVOA_X
ClientSampleId :
CHASE-B



Tgt Ion:168 Resp: 177204
Ion Ratio Lower Upper
168 100
99 57.4 44.2 66.4

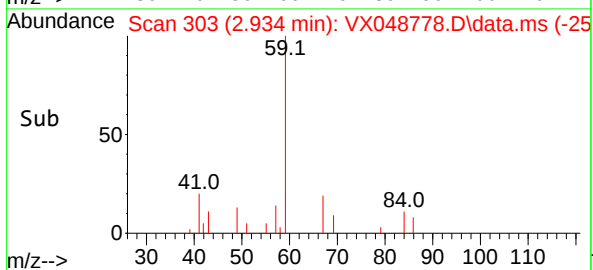
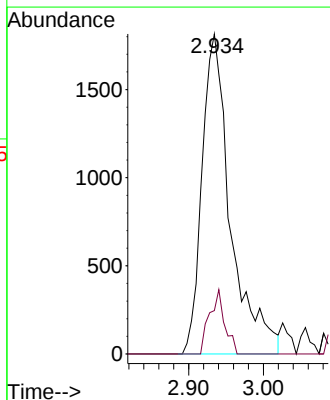
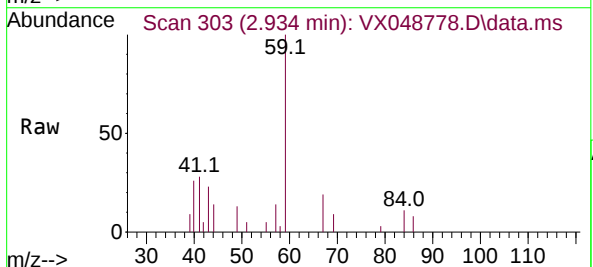
Manual Integrations
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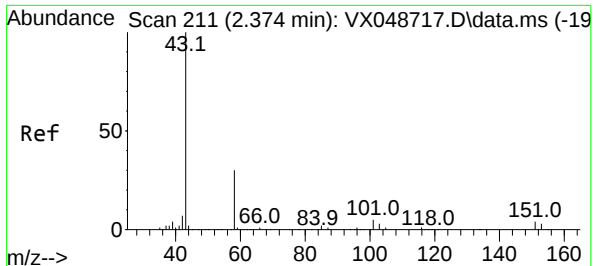
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#11
Tert butyl alcohol
Concen: 12.531 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.000 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06

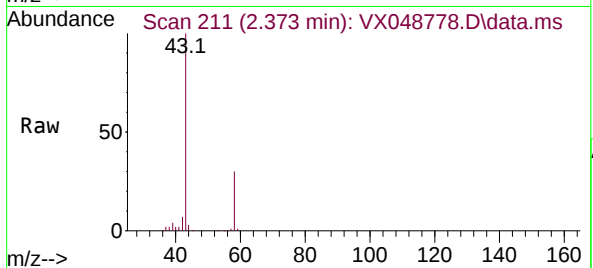
Tgt Ion: 59 Resp: 4812
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1





#16
Acetone
Concen: 107.334 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06

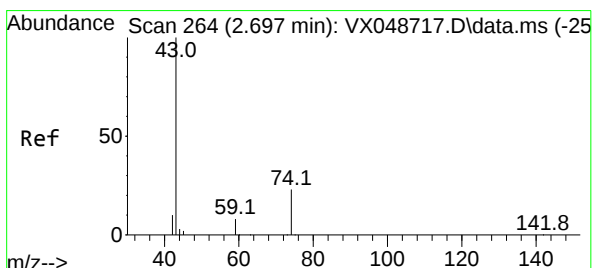
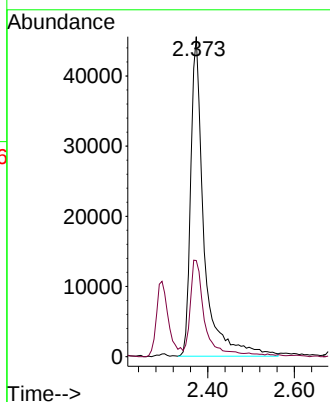
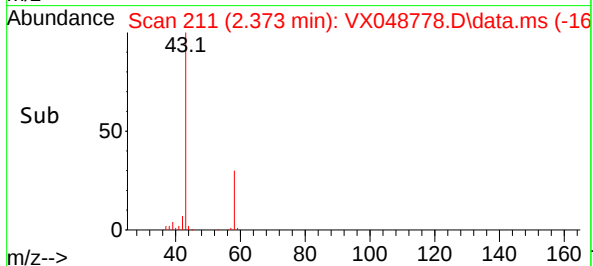
Instrument :
MSVOA_X
ClientSampleId :
CHASE-B



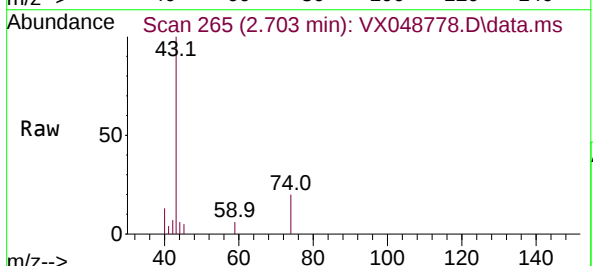
Tgt Ion: 43 Resp: 97728
Ion Ratio Lower Upper
43 100
58 29.5 25.0 37.4

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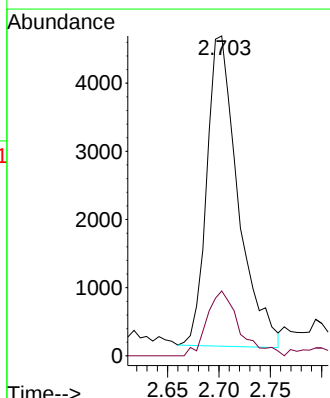
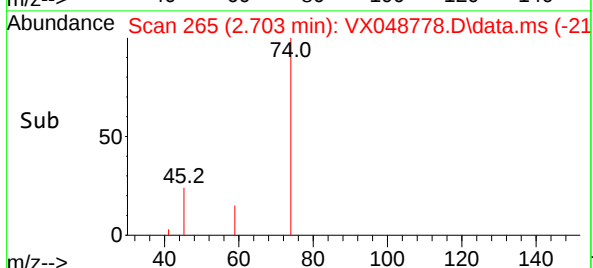
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

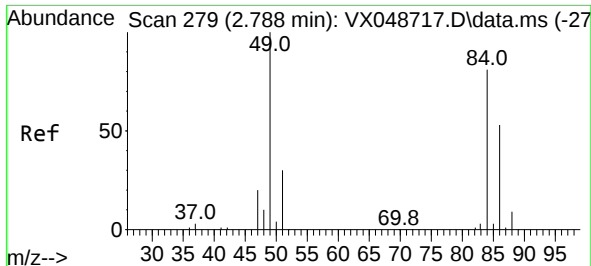


#18
Methyl Acetate
Concen: 3.759 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06



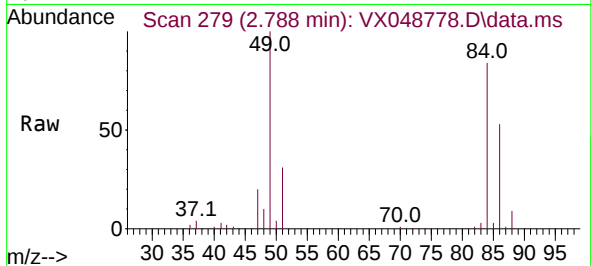
Tgt Ion: 43 Resp: 9631
Ion Ratio Lower Upper
43 100
74 21.6 19.2 28.8





#20
Methylene Chloride
Concen: 54.557 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06

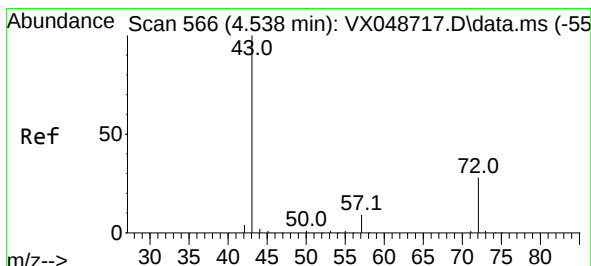
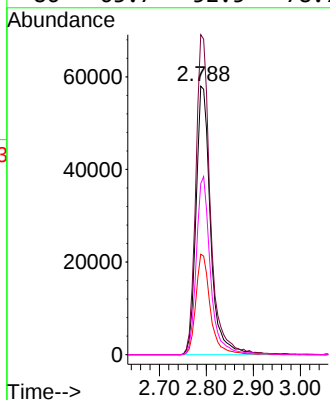
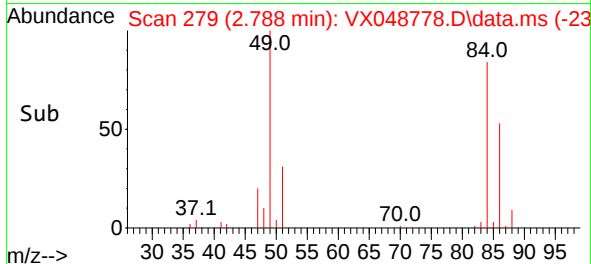
Instrument :
MSVOA_X
ClientSampleId :
CHASE-B



Tgt Ion: 84 Resp: 124163
Ion Ratio Lower Upper
84 100
49 119.2 98.7 148.1
51 37.4 29.4 44.2
86 63.7 52.5 78.7

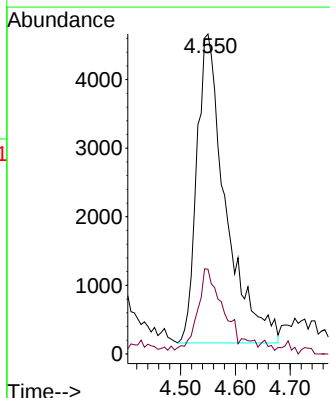
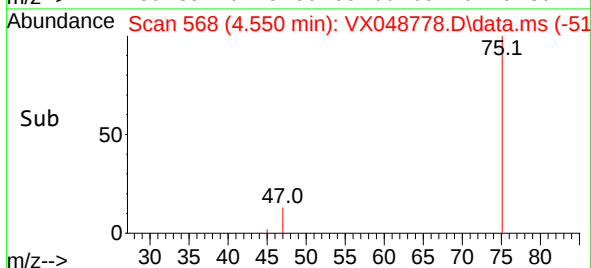
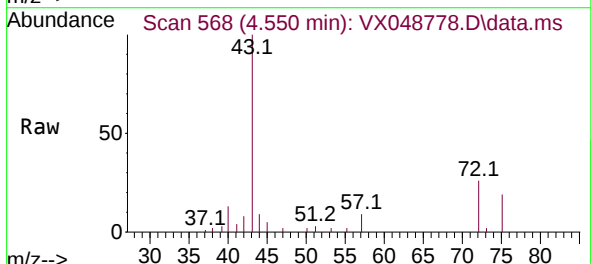
Manual Integrations
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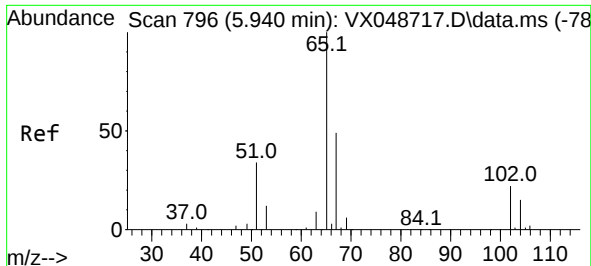
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#25
2-Butanone
Concen: 12.255 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06

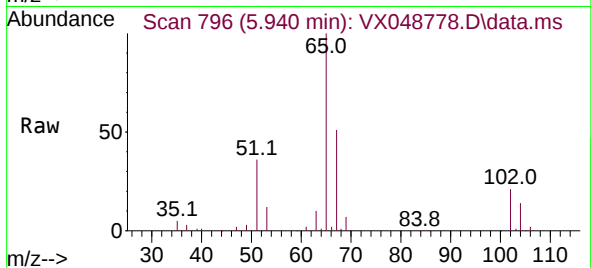
Tgt Ion: 43 Resp: 16468
Ion Ratio Lower Upper
43 100
72 25.4 22.6 34.0





#33
1,2-Dichloroethane-d4
Concen: 53.047 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06

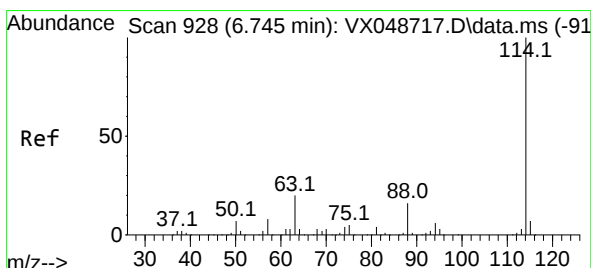
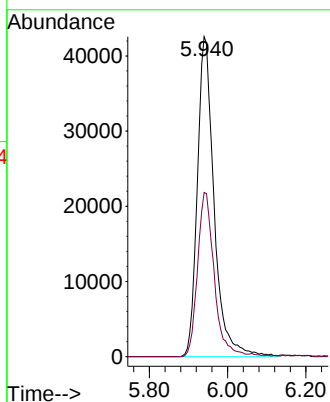
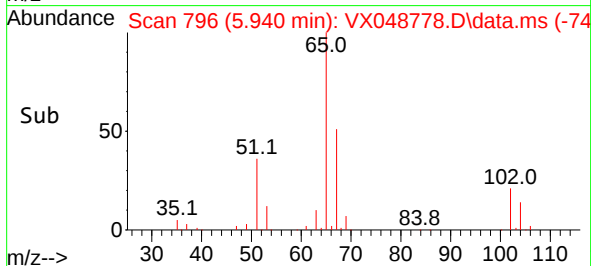
Instrument :
MSVOA_X
ClientSampleId :
CHASE-B



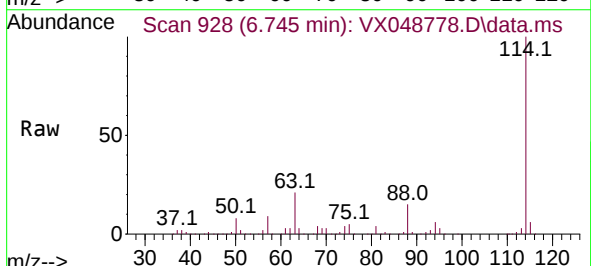
Tgt Ion: 65 Resp: 126162
Ion Ratio Lower Upper
65 100
67 50.8 0.0 107.4

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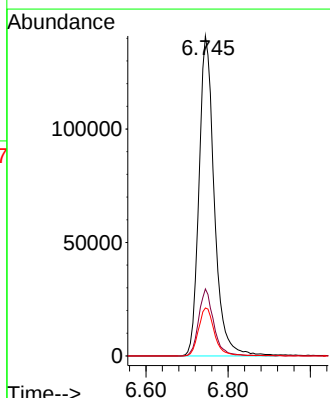
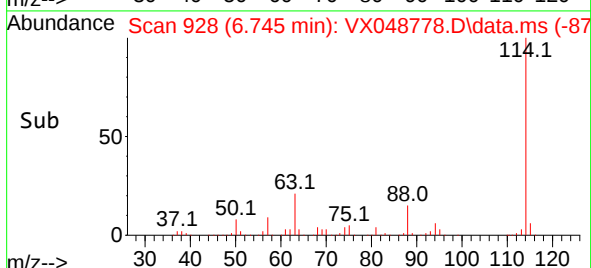
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

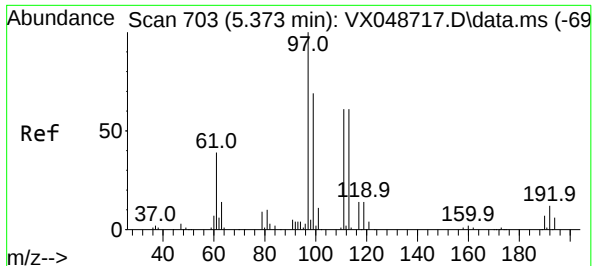


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06



Tgt Ion:114 Resp: 363764
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.0
88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 43.523 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048778.D

Acq: 09 Dec 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

CHASE-B

Tgt Ion:113 Resp: 109009

Ion Ratio Lower Upper

113 100

111 102.6 79.5 119.3

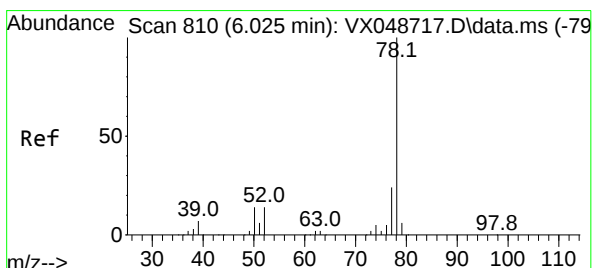
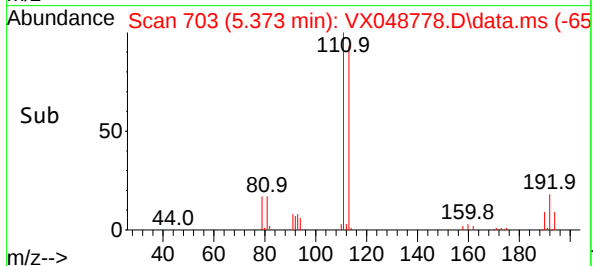
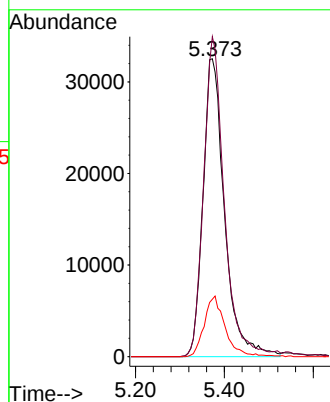
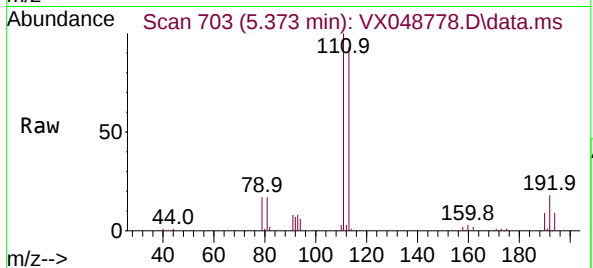
192 19.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#40

Benzene

Concen: 134.014 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048778.D

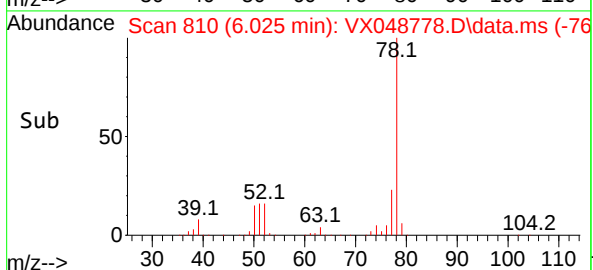
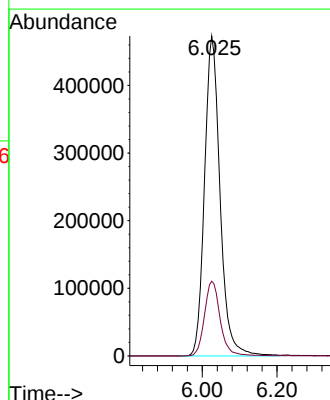
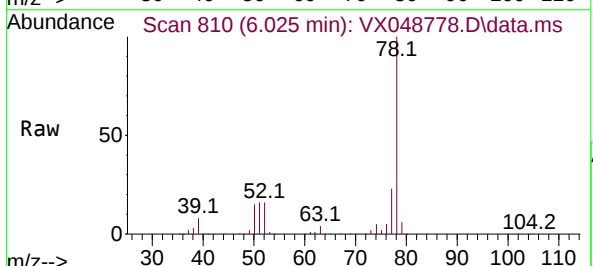
Acq: 09 Dec 2025 13:06

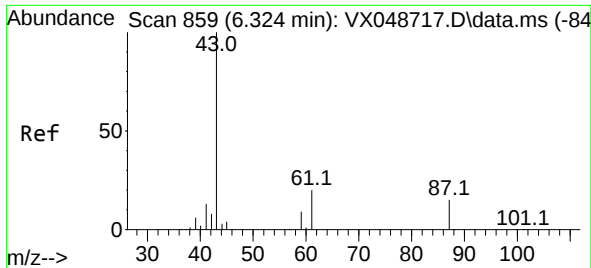
Tgt Ion: 78 Resp: 1362856

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2





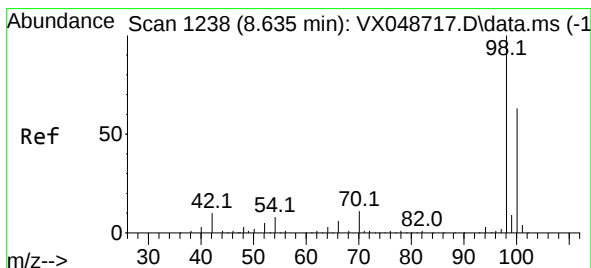
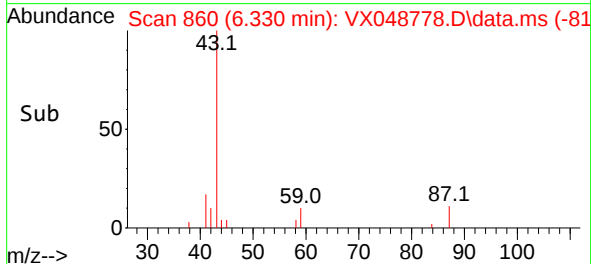
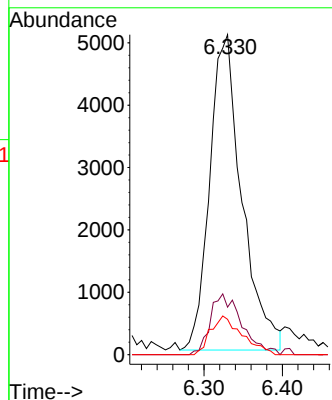
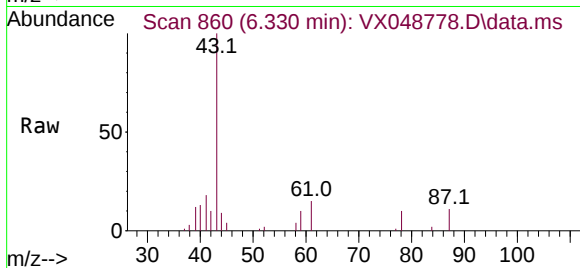
#43
Isopropyl Acetate
Concen: 2.322 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
CHASE-B

Tgt Ion: 43 Resp: 1441
Ion Ratio Lower Upper
43 100
61 18.9 16.8 25.2
87 12.0 11.8 17.6

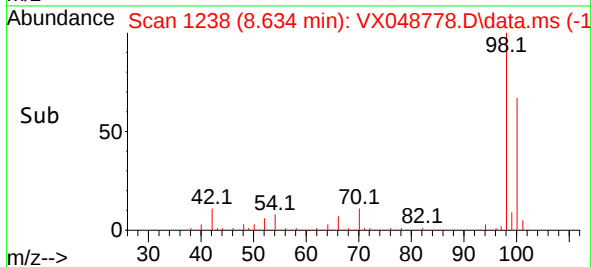
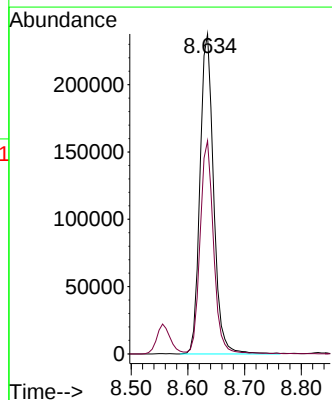
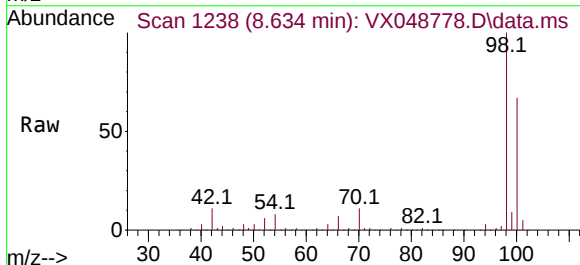
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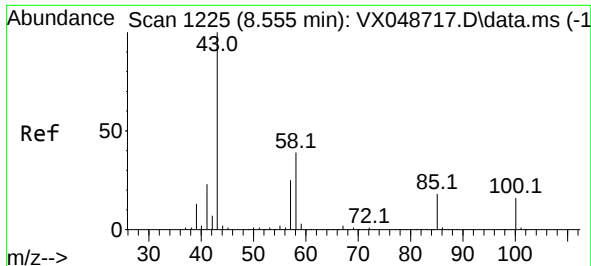
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#50
Toluene-d8
Concen: 45.019 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06

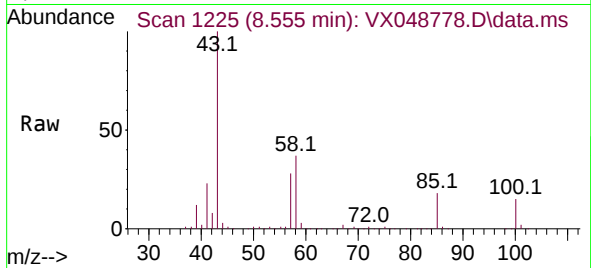
Tgt Ion: 98 Resp: 395249
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 61.166 ug/l m
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06

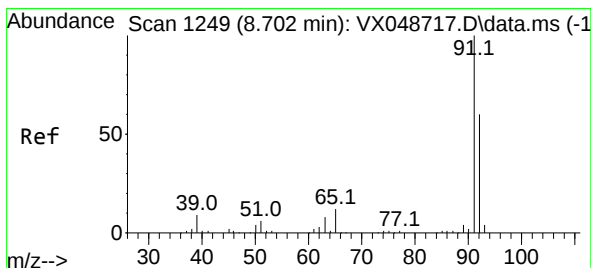
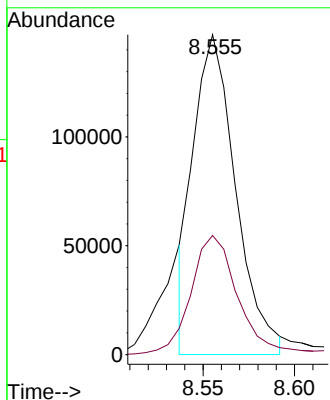
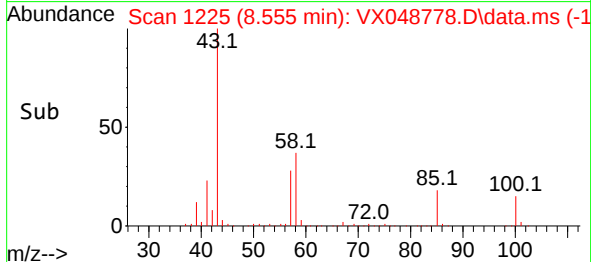
Instrument :
MSVOA_X
ClientSampleId :
CHASE-B



Tgt Ion: 43 Resp: 235649
Ion Ratio Lower Upper
43 100
58 41.7 32.2 48.4

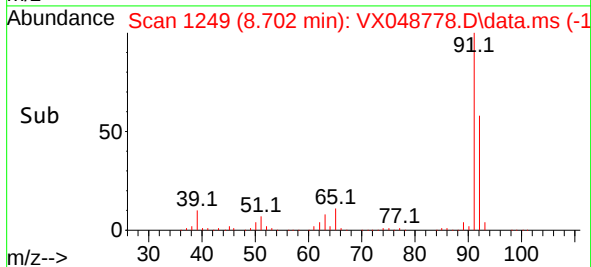
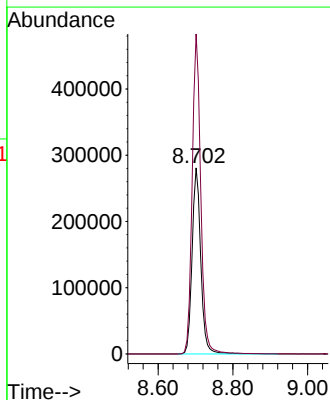
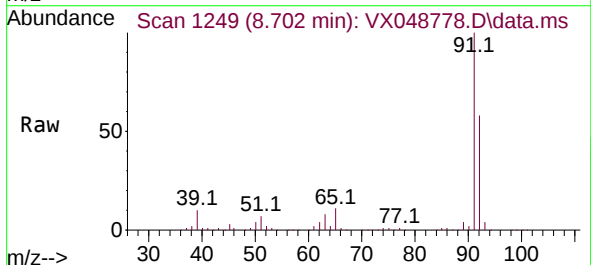
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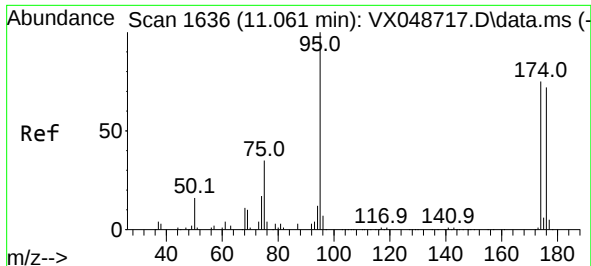
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#52
Toluene
Concen: 73.382 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06

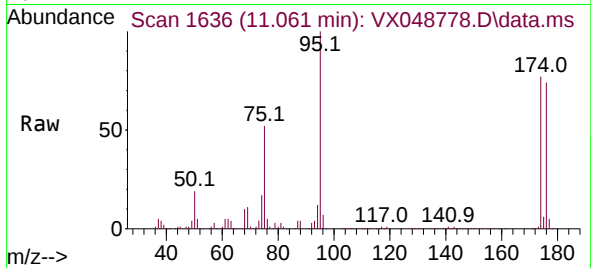
Tgt Ion: 92 Resp: 450003
Ion Ratio Lower Upper
92 100
91 170.3 136.3 204.5





#62
4-Bromofluorobenzene
Concen: 57.103 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06

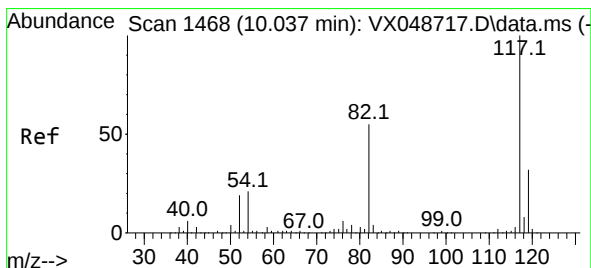
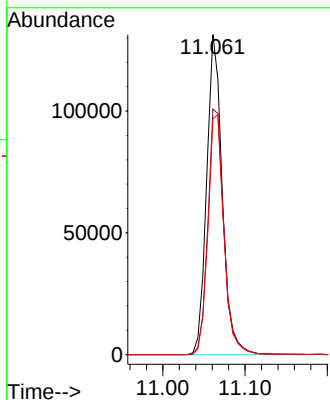
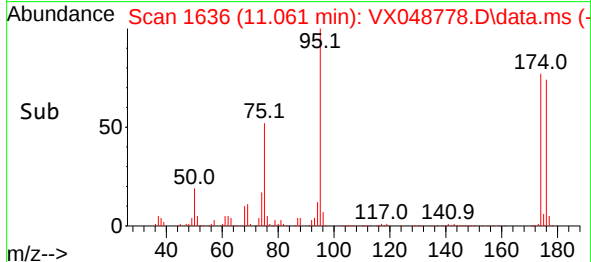
Instrument :
MSVOA_X
ClientSampleId :
CHASE-B



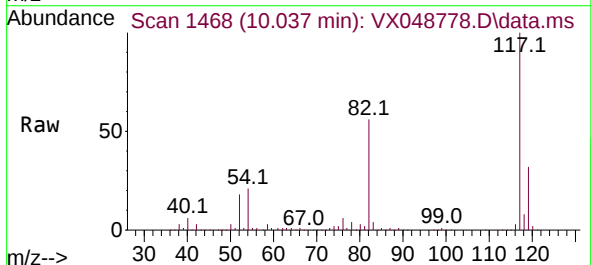
Tgt Ion: 95 Resp: 172878
Ion Ratio Lower Upper
95 100
174 79.4 0.0 157.8
176 76.9 0.0 154.0

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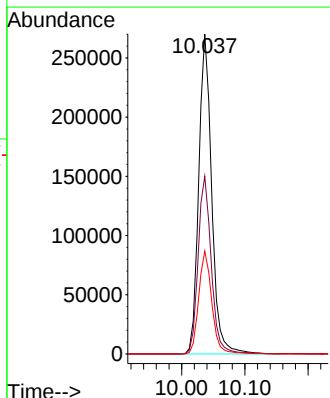
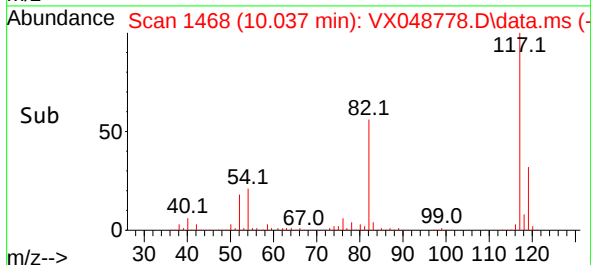
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

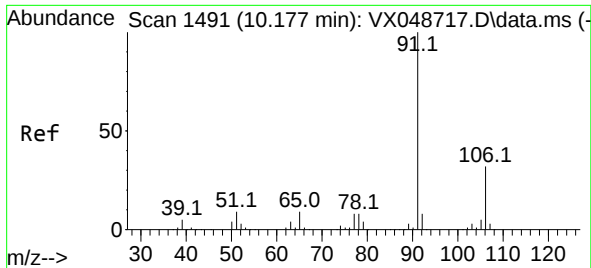


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06



Tgt Ion:117 Resp: 381897
Ion Ratio Lower Upper
117 100
82 55.5 44.1 66.1
119 32.1 25.2 37.8





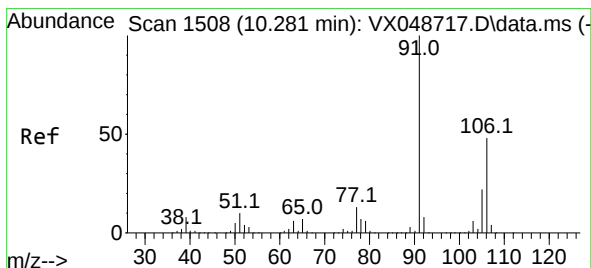
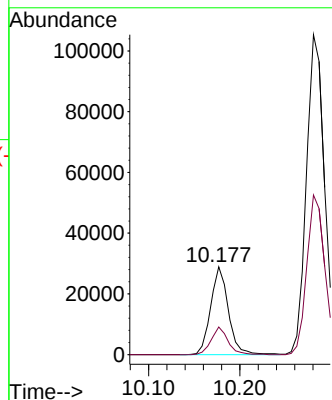
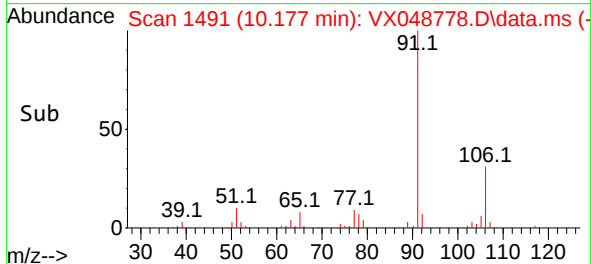
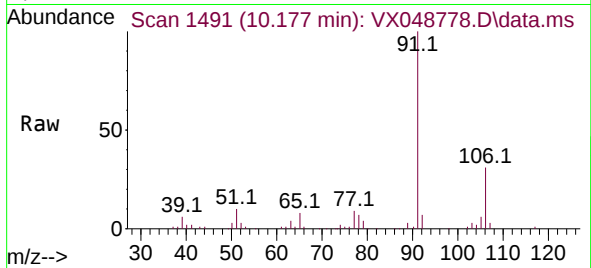
#67
Ethyl Benzene
Concen: 2.862 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
CHASE-B

Tgt Ion: 91 Resp: 39039
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9

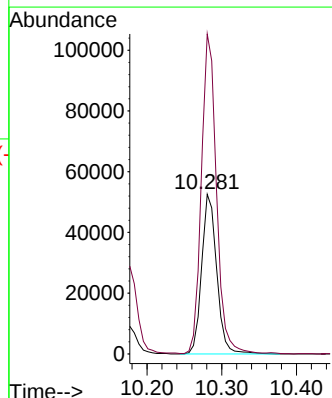
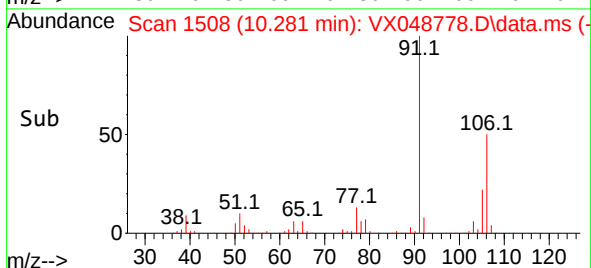
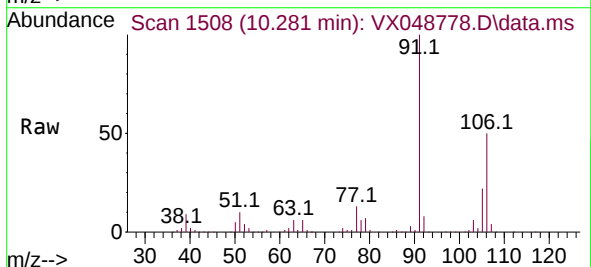
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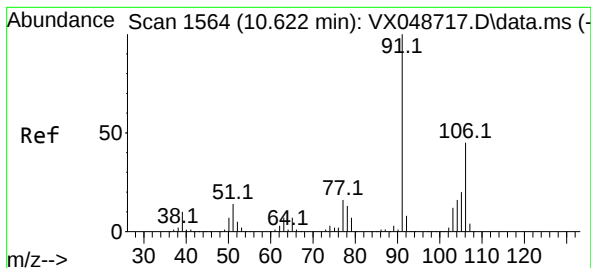
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#68
m/p-Xylenes
Concen: 13.795 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VX048778.D
Acq: 09 Dec 2025 13:06

Tgt Ion:106 Resp: 73302
Ion Ratio Lower Upper
106 100
91 200.6 164.2 246.4





#69

o-Xylene

Concen: 9.503 ug/l

RT: 10.622 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048778.D

Acq: 09 Dec 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

CHASE-B

Tgt Ion:106 Resp: 47315

Ion Ratio Lower Upper

106 100

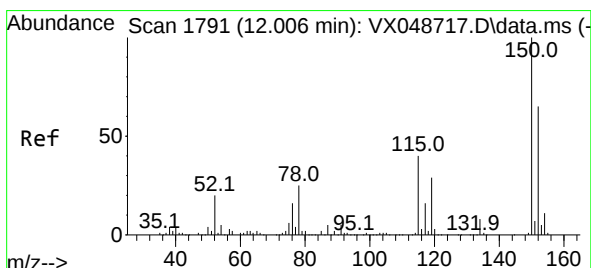
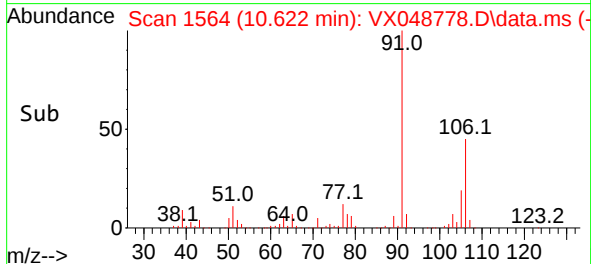
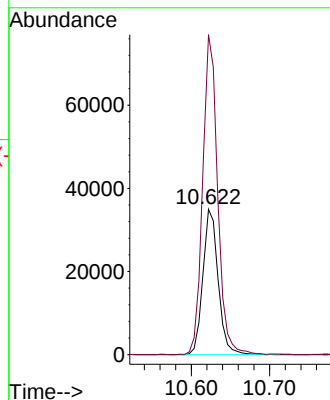
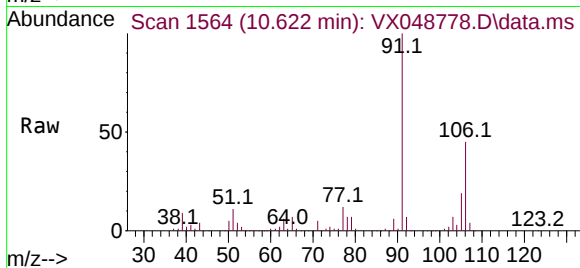
91 216.7 108.1 324.3

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: VX048778.D

Acq: 09 Dec 2025 13:06

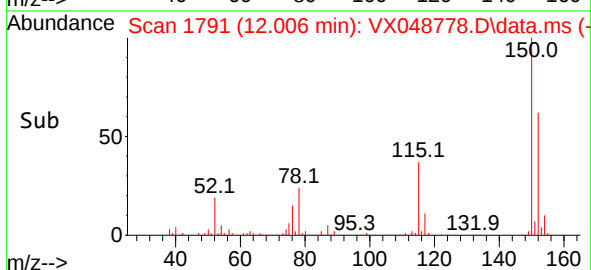
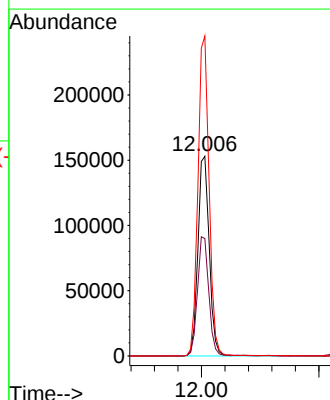
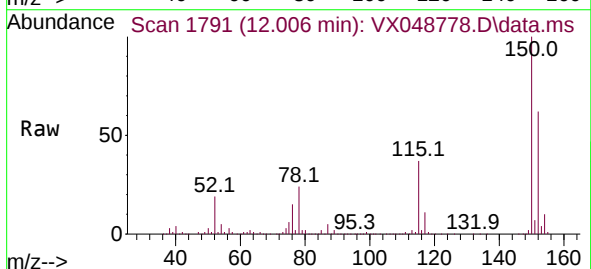
Tgt Ion:152 Resp: 204856

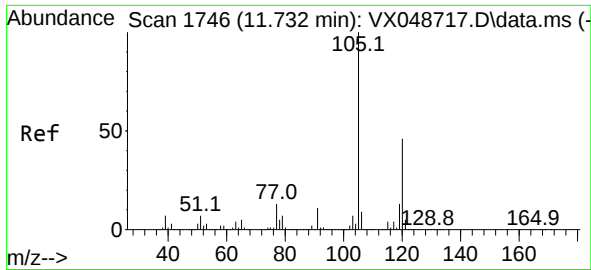
Ion Ratio Lower Upper

152 100

115 59.3 42.1 126.4

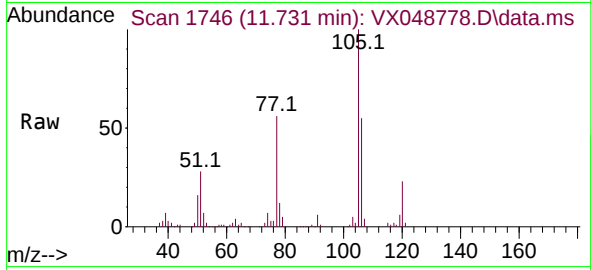
150 157.2 0.0 347.8





#84
 1,2,4-Trimethylbenzene
 Concen: 3.695 ug/l m
 RT: 11.731 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048778.D
 Acq: 09 Dec 2025 13:06

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-B



Tgt Ion:105 Resp: 42294
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.3 66.8

Manual Integrations
 APPROVED

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

