

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
 Data File : VX048779.D
 Acq On : 09 Dec 2025 13:26
 Operator : JC/MD
 Sample : Q3803-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-C

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 00:20:56 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	5.538	168	172970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	357782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	381992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	203775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	131669	56.715	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.440%			
35) Dibromofluoromethane	5.373	113	114500	46.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.960%			
50) Toluene-d8	8.635	98	400978	46.435	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.880%			
62) 4-Bromofluorobenzene	11.061	95	178250	59.862	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.720%			
Target Compounds					Qvalue	
16) Acetone	2.374	43	81455	91.652	ug/l	98
18) Methyl Acetate	2.697	43	7506	3.002	ug/l	98
20) Methylene Chloride	2.794	84	146390	65.899	ug/l	97
25) 2-Butanone	4.556	43	11252	8.578	ug/l	95
40) Benzene	6.025	78	461432	46.133	ug/l	100
43) Isopropyl Acetate	6.318	43	16388	2.684	ug/l	94
51) 4-Methyl-2-Pentanone	8.555	43	547632	144.521	ug/l	92
52) Toluene	8.702	92	268758	44.559	ug/l	98
67) Ethyl Benzene	10.177	91	43974	3.223	ug/l	95
68) m/p-Xylenes	10.281	106	83551	15.720	ug/l	98
69) o-Xylene	10.622	106	71940	14.445	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	57799m	5.076	ug/l	

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

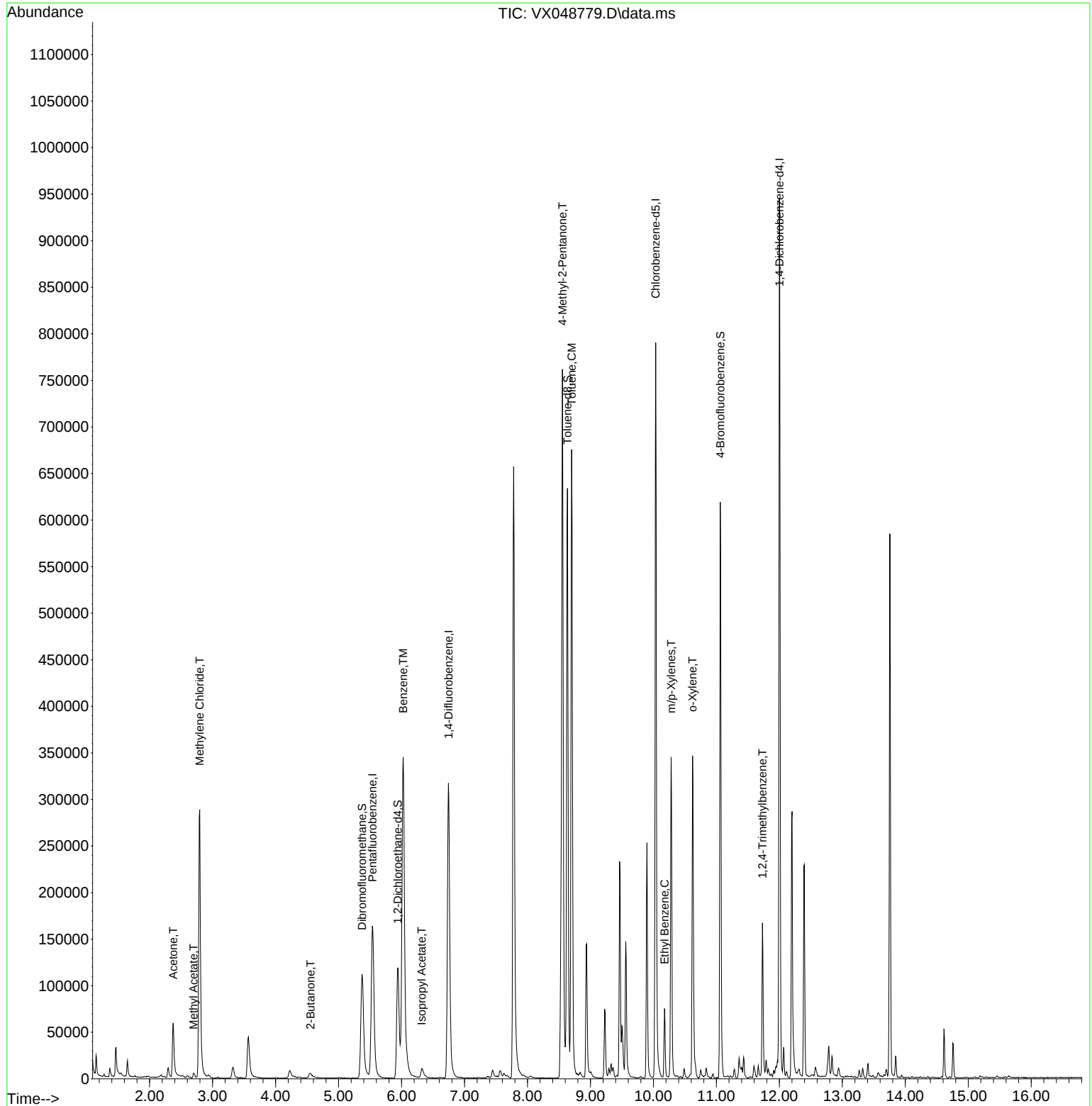
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048779.D
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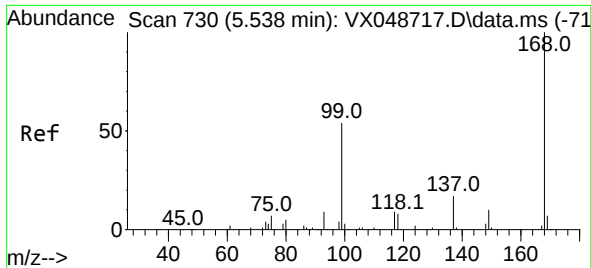
Instrument :
MSVOA_X
ClientSampleId :
CHASE-C

Quant Time: Dec 10 00:20:56 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

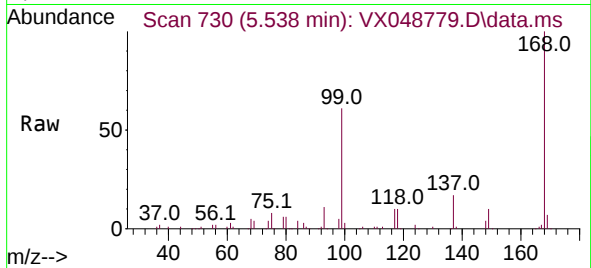
Reviewed By : John Carlone 12/10/2025
Supervised By : Mahesh Dadoda 12/10/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

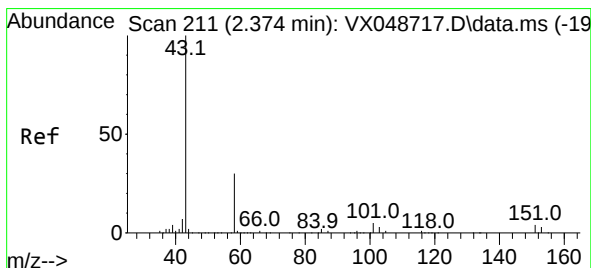
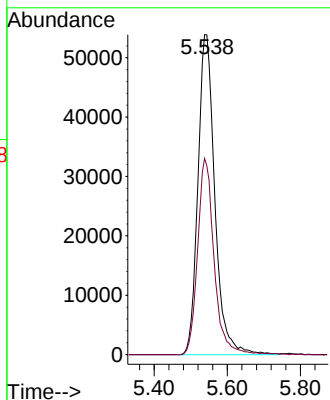
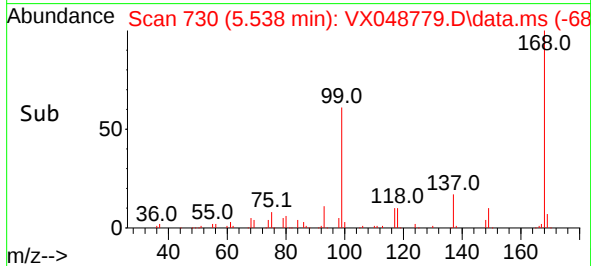
Instrument :
MSVOA_X
ClientSampleId :
CHASE-C



Tgt Ion:168 Resp: 172970
Ion Ratio Lower Upper
168 100
99 61.3 44.2 66.4

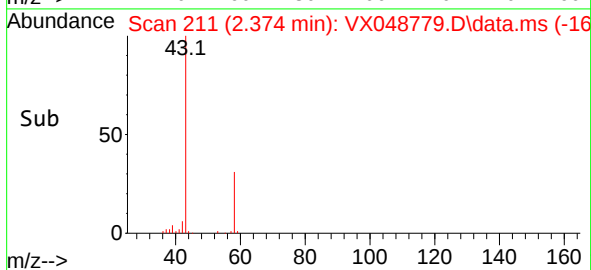
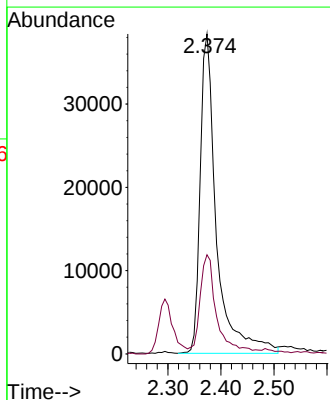
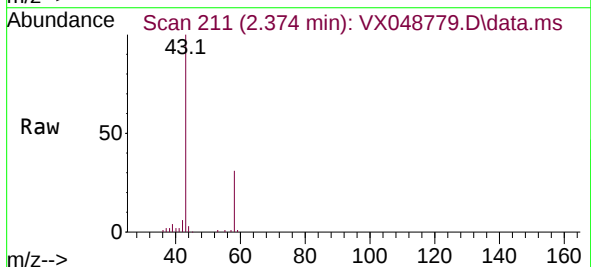
Manual Integrations
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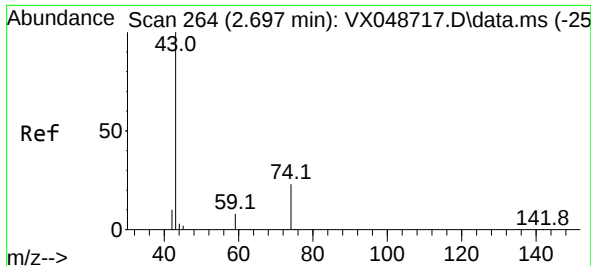
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#16
Acetone
Concen: 91.652 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

Tgt Ion: 43 Resp: 81455
Ion Ratio Lower Upper
43 100
58 30.2 25.0 37.4





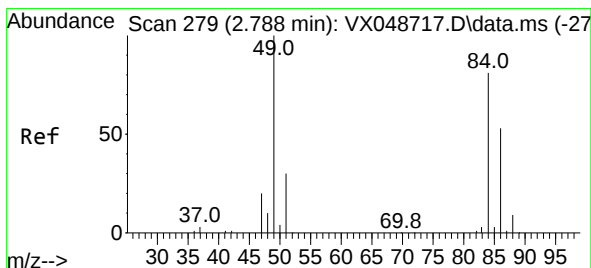
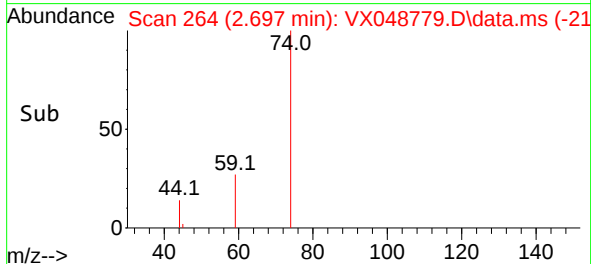
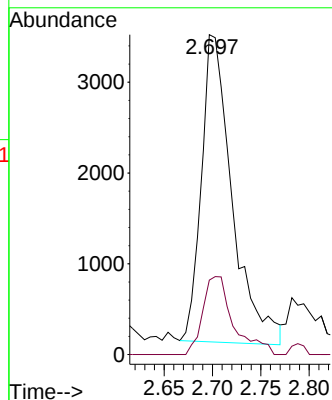
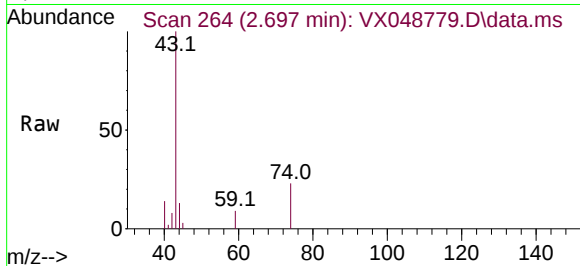
#18
Methyl Acetate
Concen: 3.002 ug/l
RT: 2.697 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

Instrument :
MSVOA_X
ClientSampleId :
CHASE-C

Tgt Ion: 43 Resp: 7500
Ion Ratio Lower Upper
43 100
74 25.2 19.2 28.8

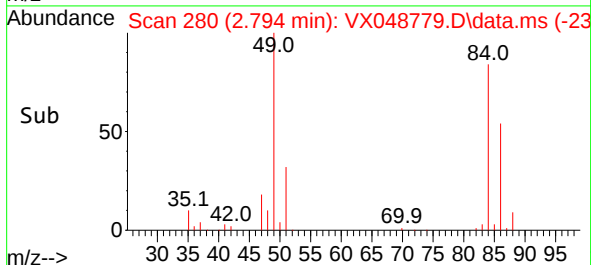
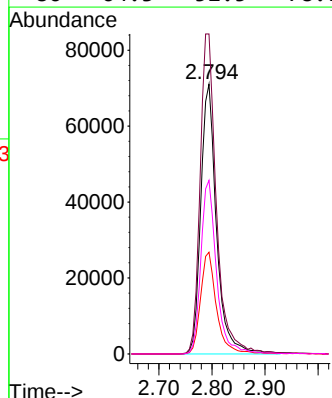
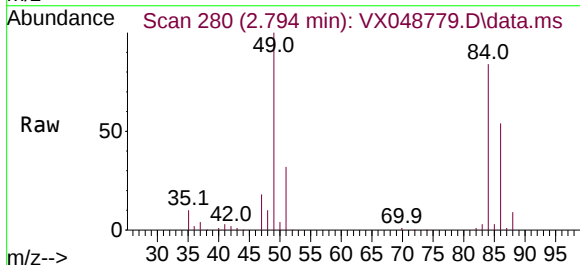
Manual Integrations
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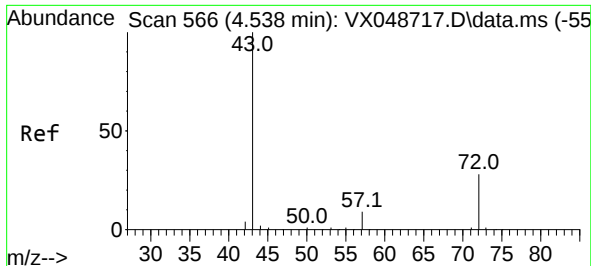
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#20
Methylene Chloride
Concen: 65.899 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

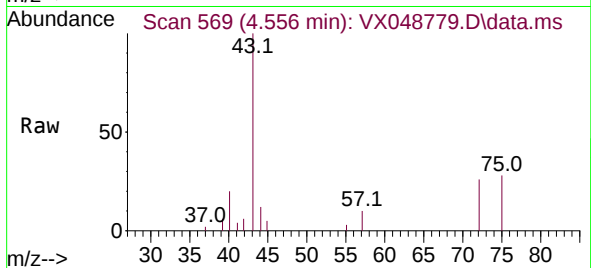
Tgt Ion: 84 Resp: 146390
Ion Ratio Lower Upper
84 100
49 118.6 98.7 148.1
51 37.7 29.4 44.2
86 64.3 52.5 78.7





#25
2-Butanone
Concen: 8.578 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

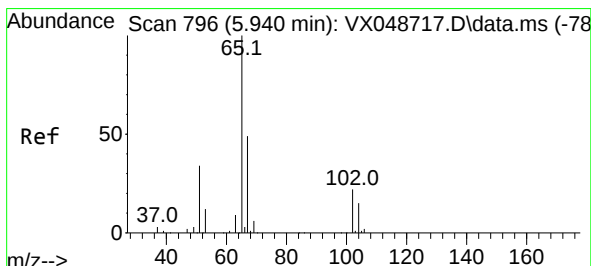
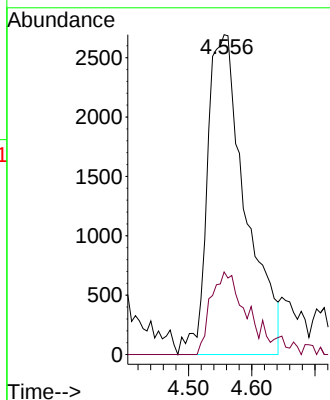
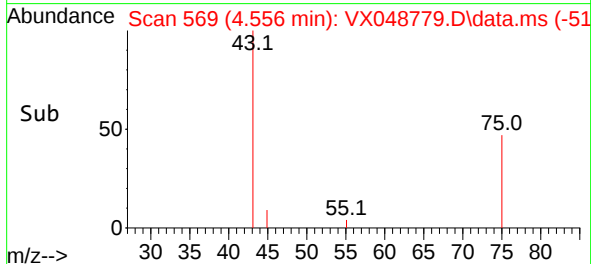
Instrument :
MSVOA_X
ClientSampleId :
CHASE-C



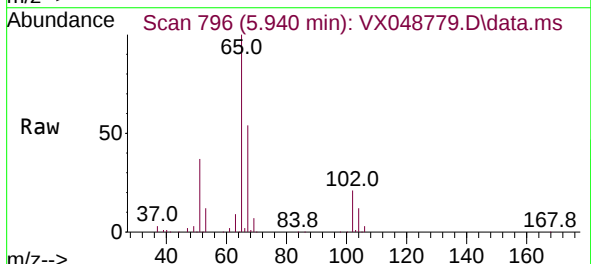
Tgt Ion: 43 Resp: 11252
Ion Ratio Lower Upper
43 100
72 25.8 22.6 34.0

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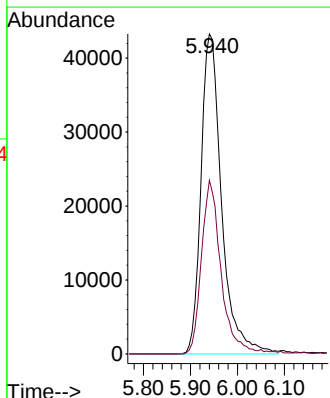
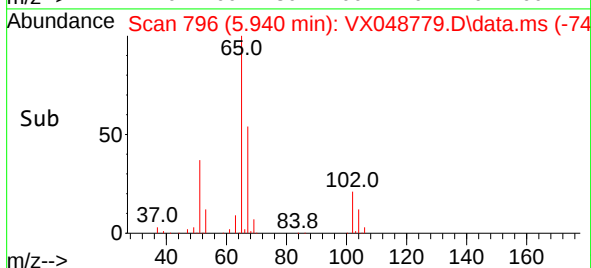
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

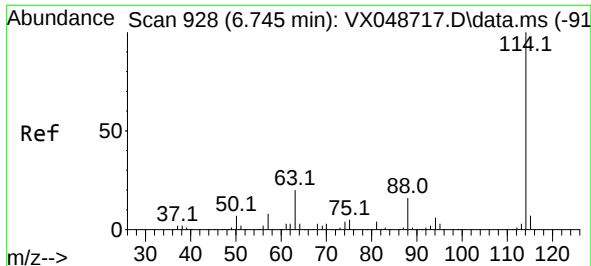


#33
1,2-Dichloroethane-d4
Concen: 56.715 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26



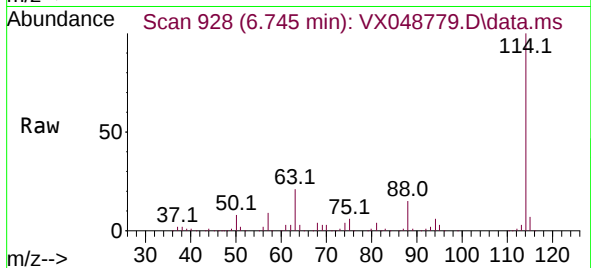
Tgt Ion: 65 Resp: 131669
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

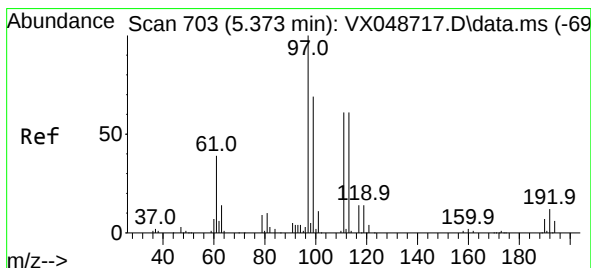
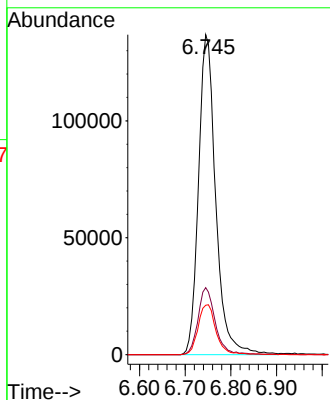
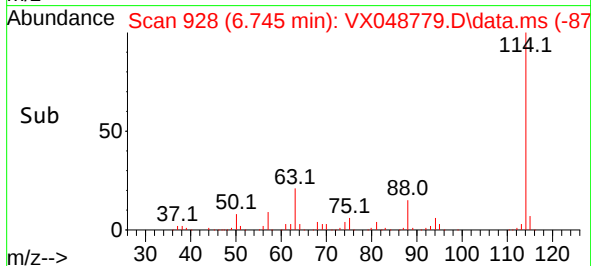
Instrument :
MSVOA_X
ClientSampleId :
CHASE-C



Tgt Ion:114 Resp: 357782
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.0
88 15.4 0.0 31.8

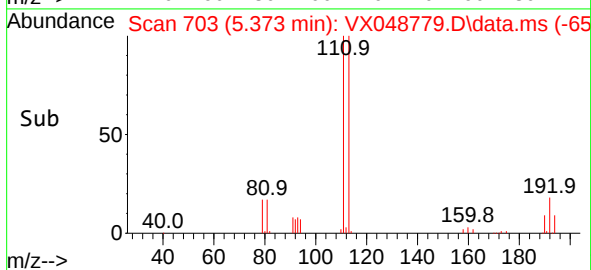
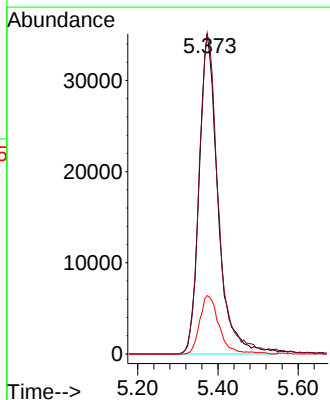
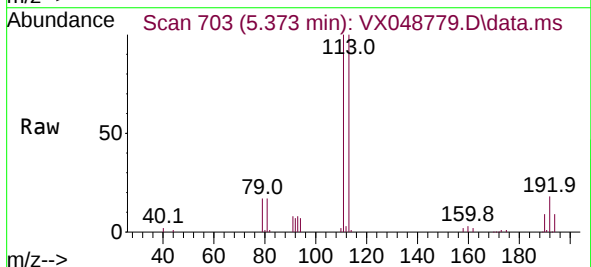
Manual Integrations
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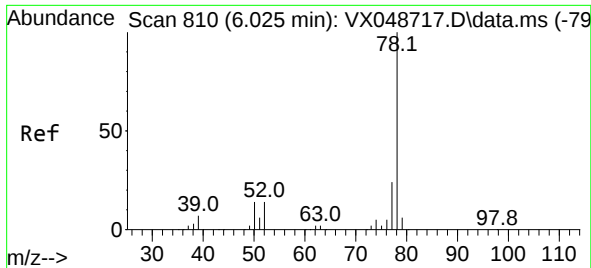
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#35
Dibromofluoromethane
Concen: 46.479 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

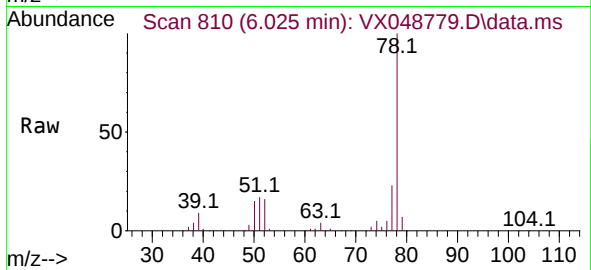
Tgt Ion:113 Resp: 114500
Ion Ratio Lower Upper
113 100
111 101.3 79.5 119.3
192 18.7 16.1 24.1





#40
Benzene
Concen: 46.133 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

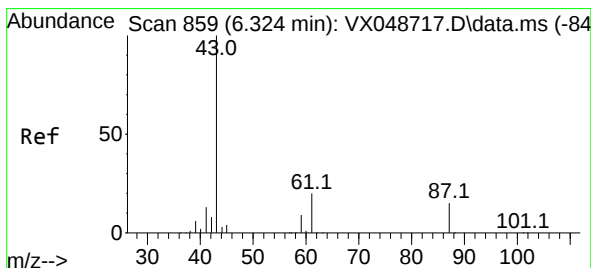
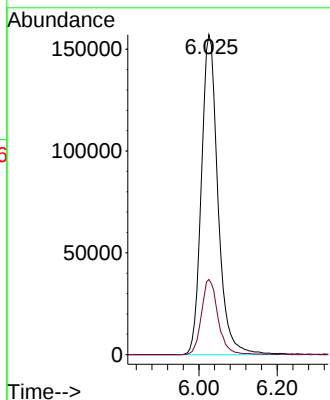
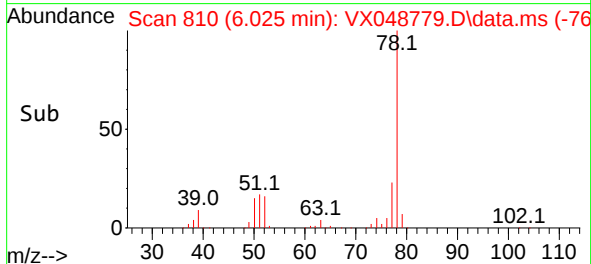
Instrument :
MSVOA_X
ClientSampleId :
CHASE-C



Tgt Ion: 78 Resp: 461432
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

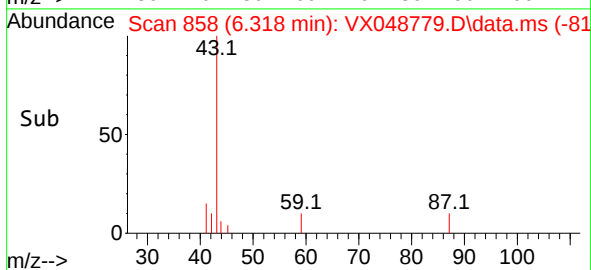
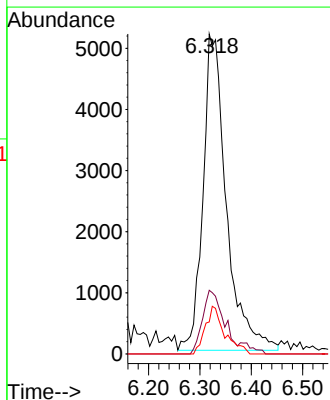
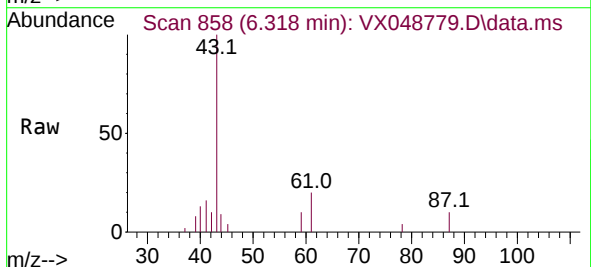
Manual Integrations
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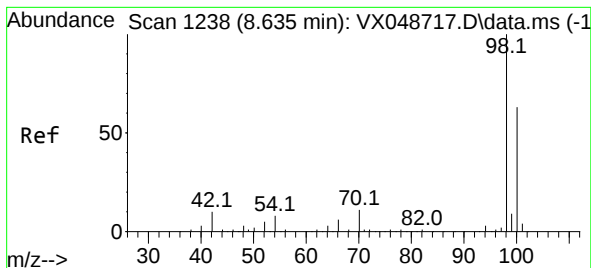
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#43
Isopropyl Acetate
Concen: 2.684 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

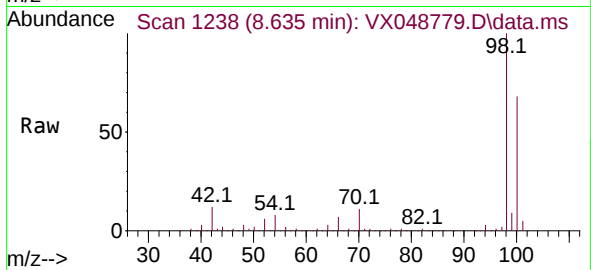
Tgt Ion: 43 Resp: 16388
Ion Ratio Lower Upper
43 100
61 18.0 16.8 25.2
87 12.4 11.8 17.6





#50
Toluene-d8
Concen: 46.435 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

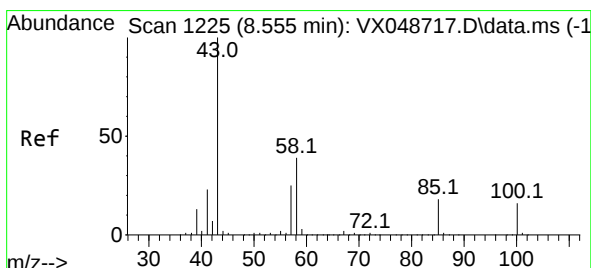
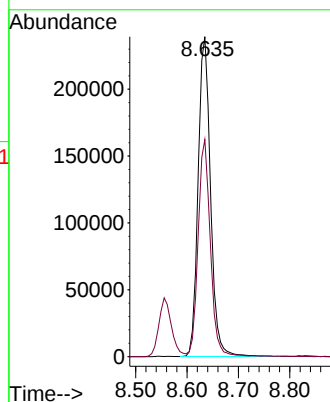
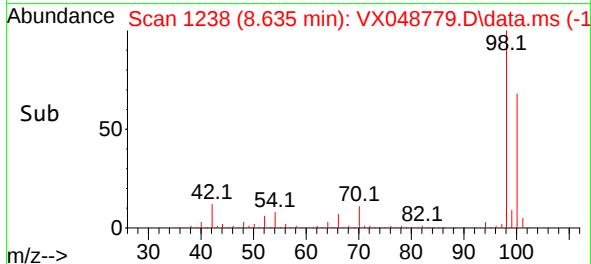
Instrument :
MSVOA_X
ClientSampleId :
CHASE-C



Tgt Ion: 98 Resp: 400978
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0

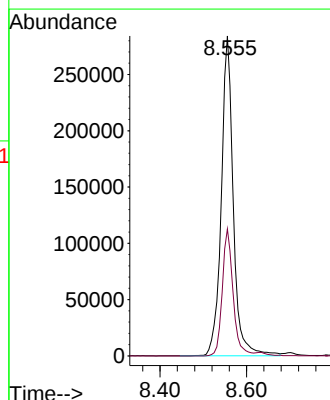
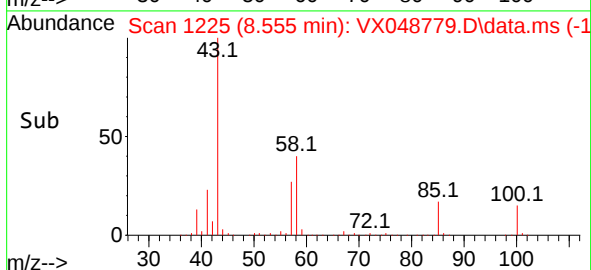
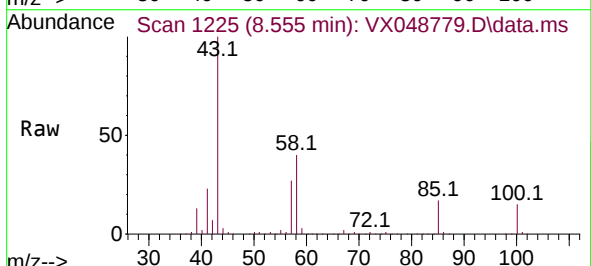
Manual Integrations
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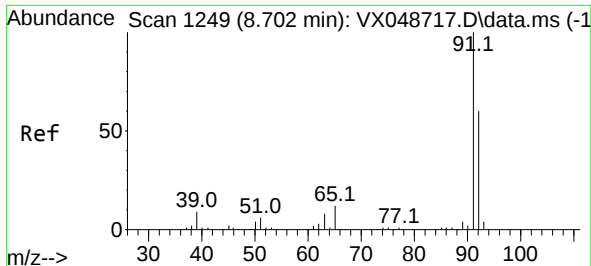
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#51
4-Methyl-2-Pentanone
Concen: 144.521 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

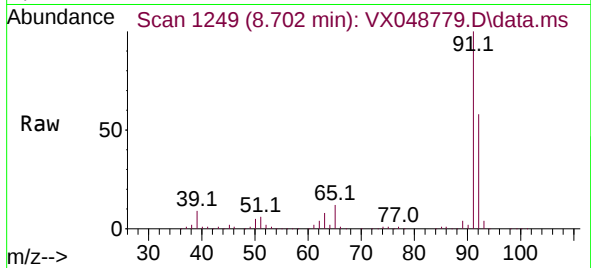
Tgt Ion: 43 Resp: 547632
Ion Ratio Lower Upper
43 100
58 35.6 32.2 48.4





#52
Toluene
Concen: 44.559 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

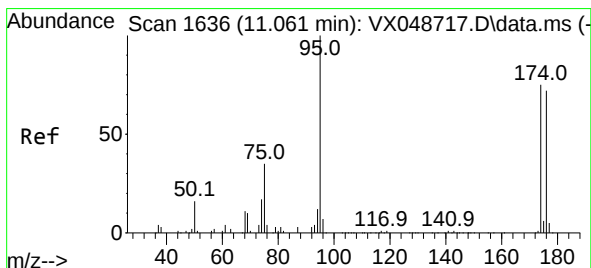
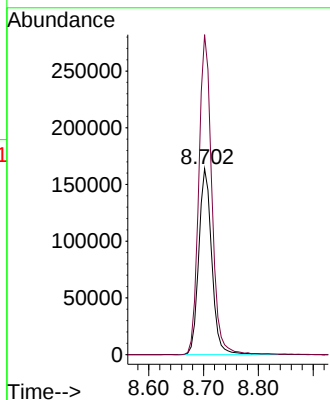
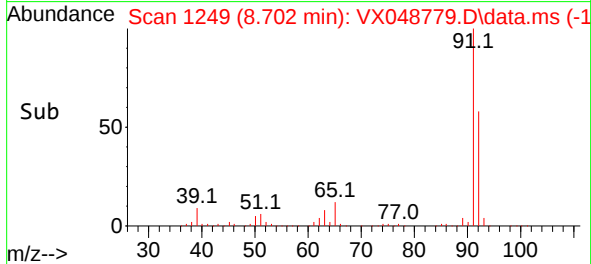
Instrument :
MSVOA_X
ClientSampleId :
CHASE-C



Tgt Ion: 92 Resp: 268758
Ion Ratio Lower Upper
92 100
91 173.0 136.3 204.5

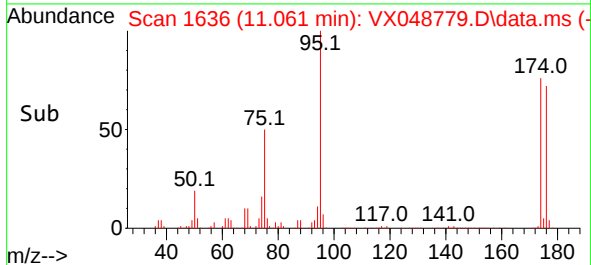
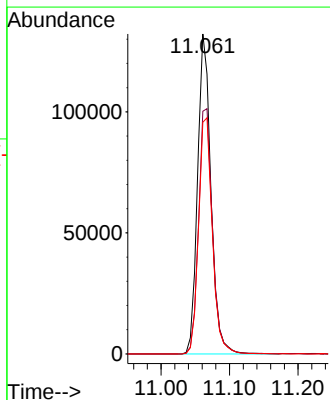
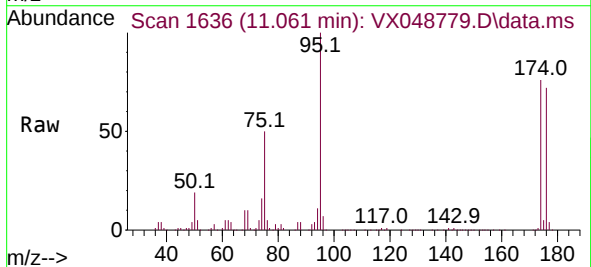
Manual Integrations
APPROVED

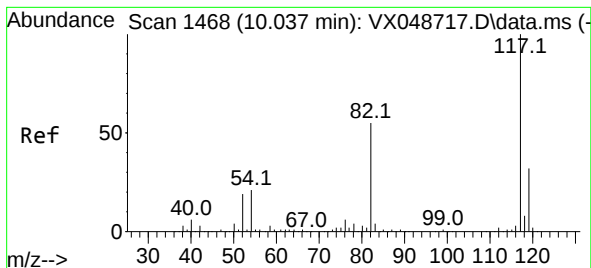
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#62
4-Bromofluorobenzene
Concen: 59.862 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

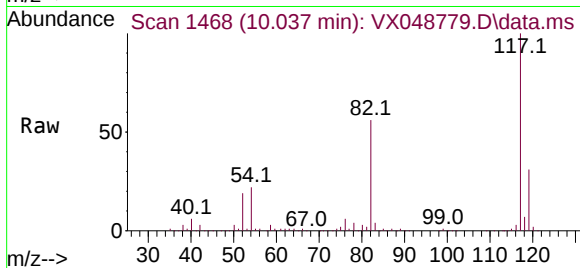
Tgt Ion: 95 Resp: 178250
Ion Ratio Lower Upper
95 100
174 79.7 0.0 157.8
176 76.1 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

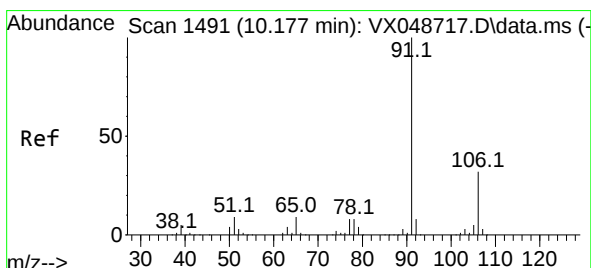
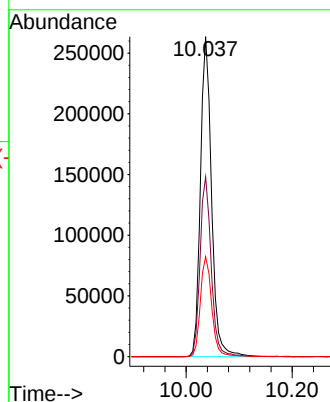
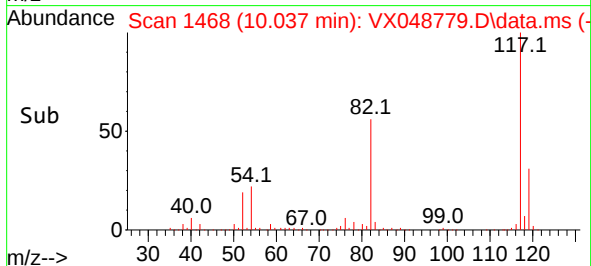
Instrument :
MSVOA_X
ClientSampleId :
CHASE-C



Tgt Ion:117 Resp: 381992
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 31.2 25.2 37.8

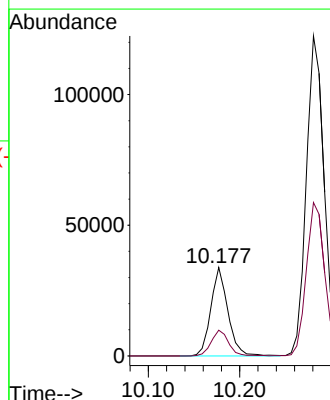
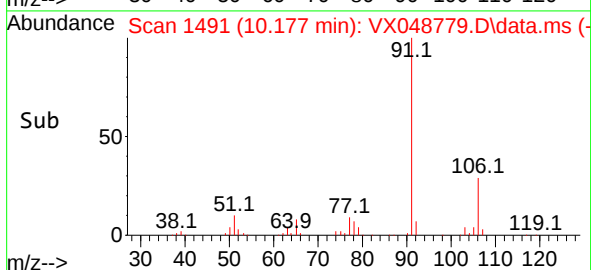
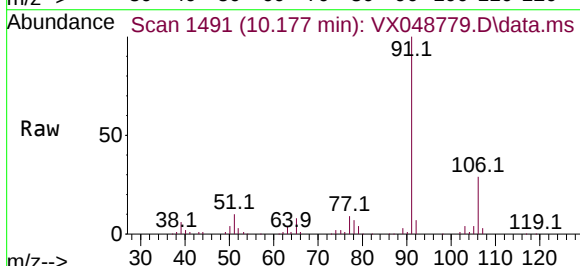
Manual Integrations
APPROVED

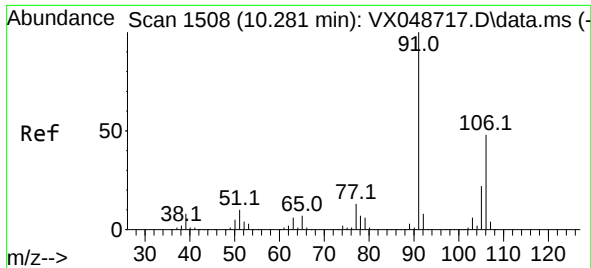
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#67
Ethyl Benzene
Concen: 3.223 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

Tgt Ion: 91 Resp: 43974
Ion Ratio Lower Upper
91 100
106 29.0 25.3 37.9





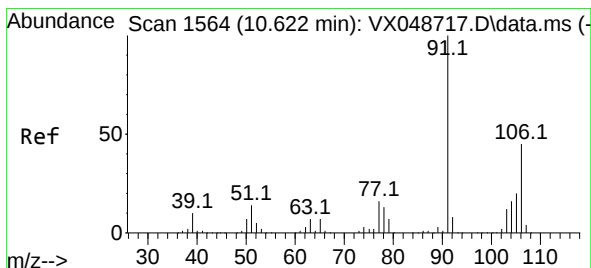
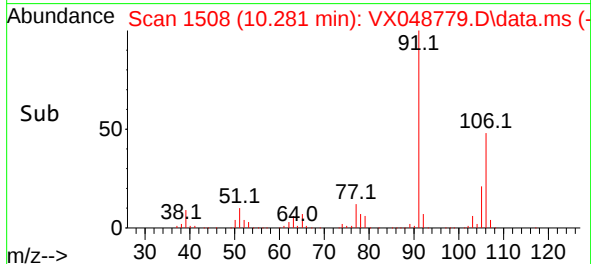
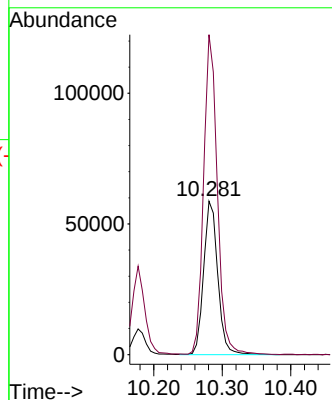
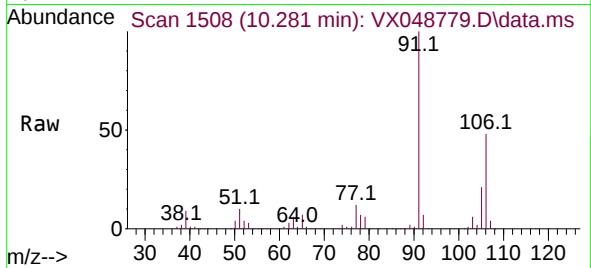
#68
m/p-Xylenes
Concen: 15.720 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

Instrument :
MSVOA_X
ClientSampleId :
CHASE-C

Tgt Ion:106 Resp: 8355
Ion Ratio Lower Upper
106 100
91 202.6 164.2 246.4

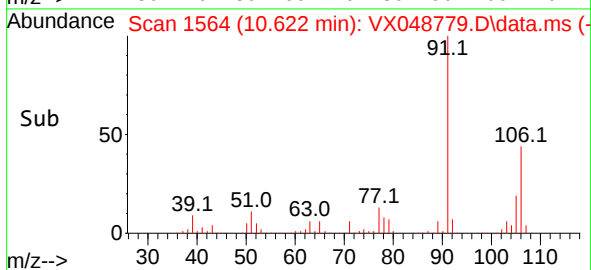
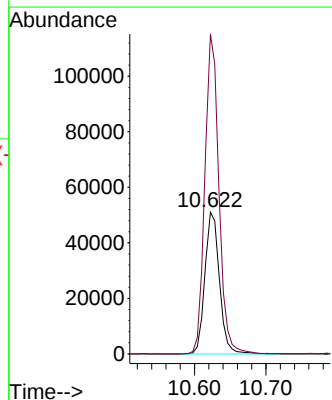
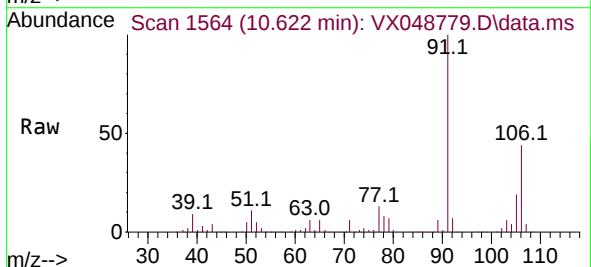
Manual Integrations
APPROVED

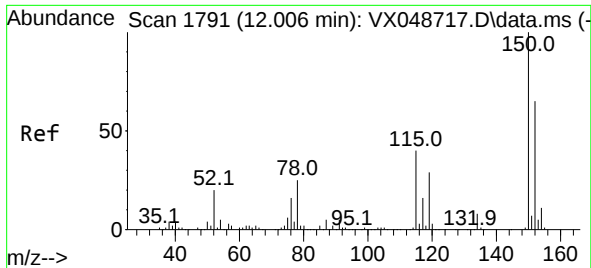
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#69
o-Xylene
Concen: 14.445 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048779.D
Acq: 09 Dec 2025 13:26

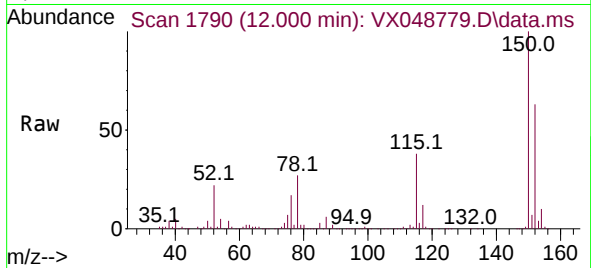
Tgt Ion:106 Resp: 71940
Ion Ratio Lower Upper
106 100
91 219.1 108.1 324.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.000 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX048779.D
 Acq: 09 Dec 2025 13:26

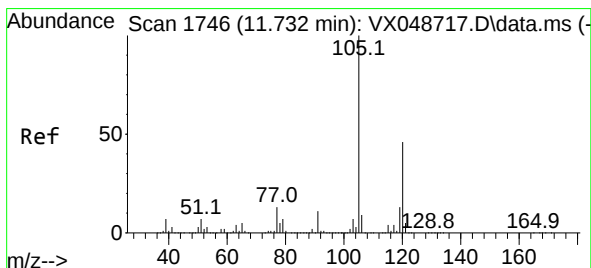
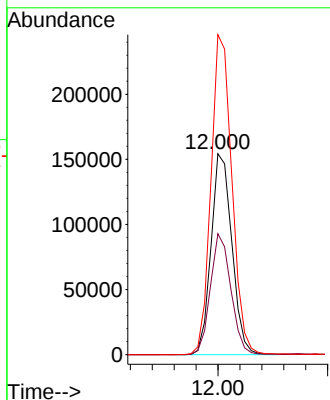
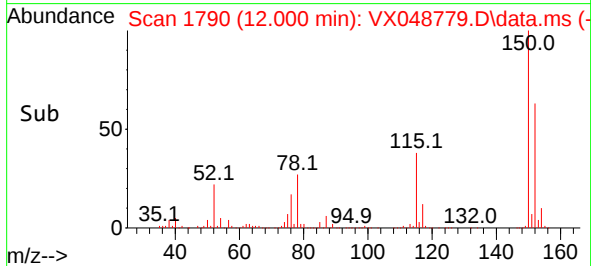
Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-C



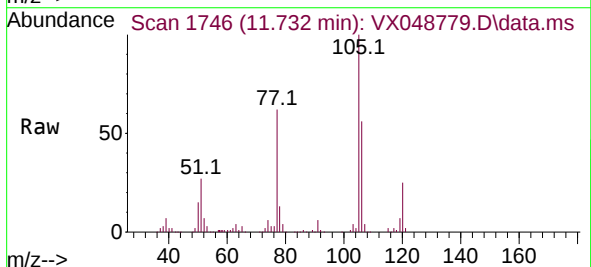
Tgt Ion:152 Resp: 203775
 Ion Ratio Lower Upper
 152 100
 115 59.3 42.1 126.4
 150 160.1 0.0 347.8

Manual Integrations
 APPROVED

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



#84
 1,2,4-Trimethylbenzene
 Concen: 5.076 ug/l m
 RT: 11.732 min Scan# 1746
 Delta R.T. 0.000 min
 Lab File: VX048779.D
 Acq: 09 Dec 2025 13:26



Tgt Ion:105 Resp: 57799
 Ion Ratio Lower Upper
 105 100
 120 3.0 22.3 66.8#

