

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047920.D
 Acq On : 30 Sep 2025 18:27
 Operator : JC/MD
 Sample : Q3193-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20250923

Quant Time: Oct 01 01:16:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/01/2025
 Supervised By : Mahesh Dadoda 10/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	127355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	267637	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	278101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	109314	53.924	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.840%			
35) Dibromofluoromethane	5.373	113	88493	49.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.600%			
50) Toluene-d8	8.634	98	299757	48.264	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.520%			
62) 4-Bromofluorobenzene	11.067	95	128354	54.454	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.900%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	3188	3.617	ug/l #	88
19) Methyl tert-butyl Ether	3.123	73	2106	0.381	ug/l #	84
24) 1,1-Dichloroethane	3.605	63	7046	2.191	ug/l	95
30) Chloroform	5.080	83	1858m	0.572	ug/l	
44) Trichloroethene	7.123	130	1616	0.839	ug/l	68
52) Toluene	8.708	92	1457	0.297	ug/l	91
64) Tetrachloroethene	9.262	164	697	0.384	ug/l #	86

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

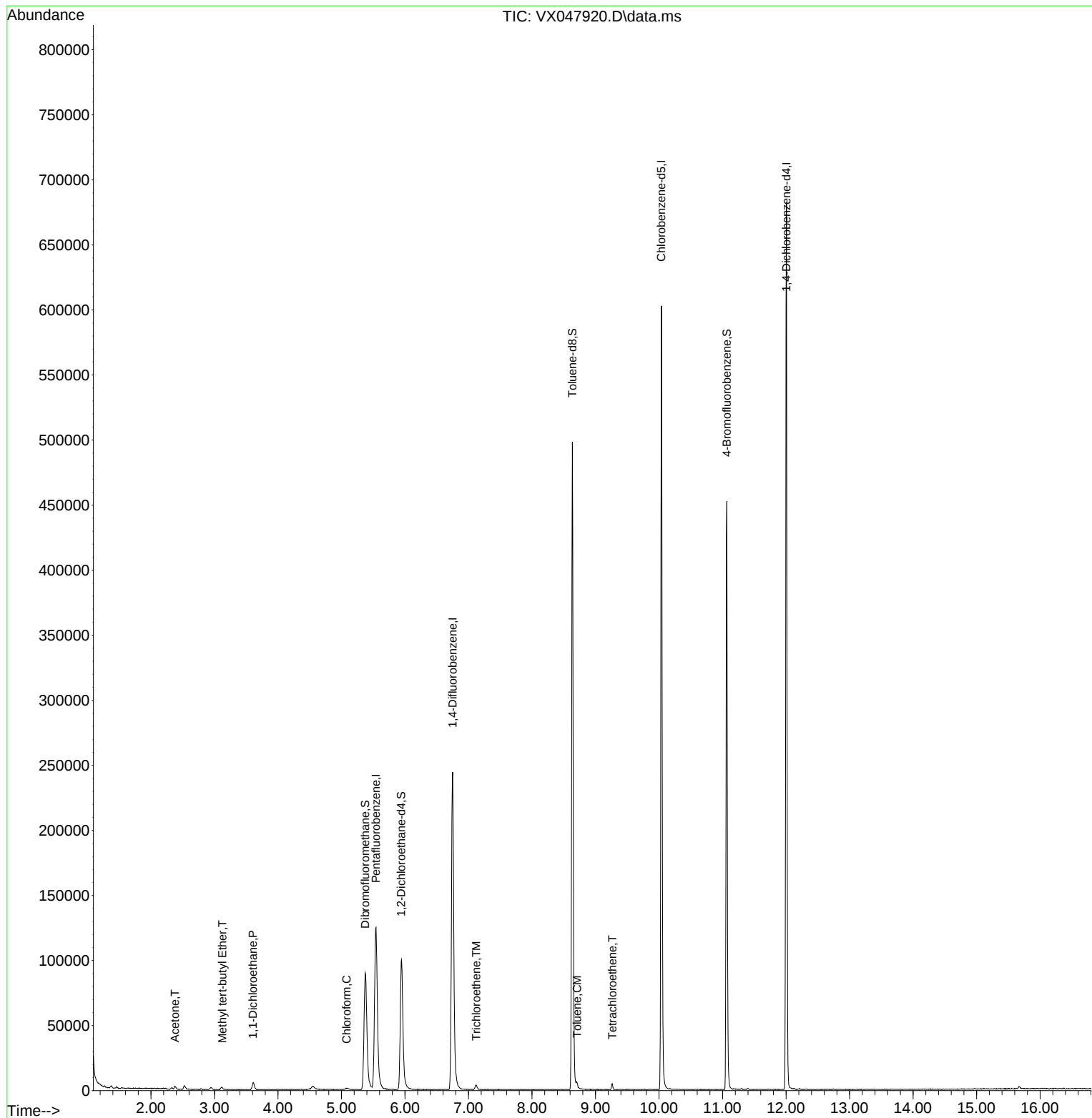
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
Data File : VX047920.D
Acq On : 30 Sep 2025 18:27
Operator : JC/MD
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ClientSampleId :
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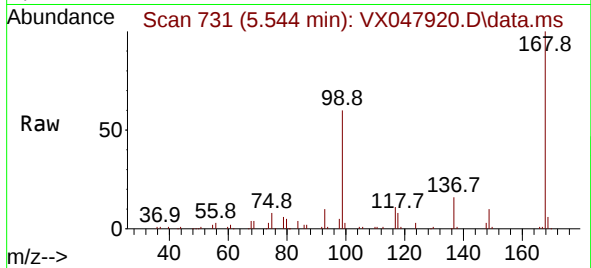
Quant Time: Oct 01 01:16:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047920.D
Acq: 30 Sep 2025 18:27

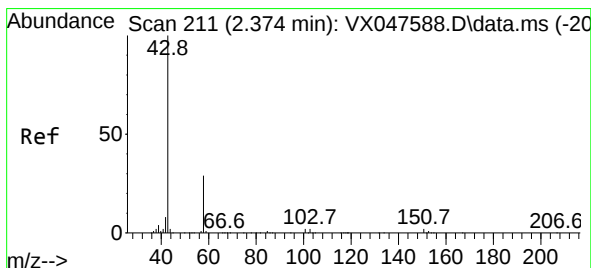
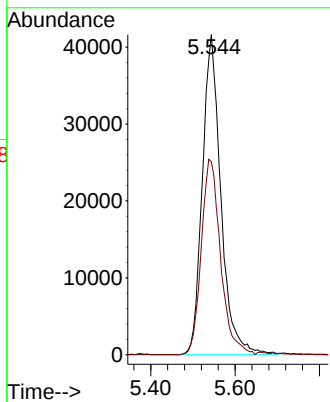
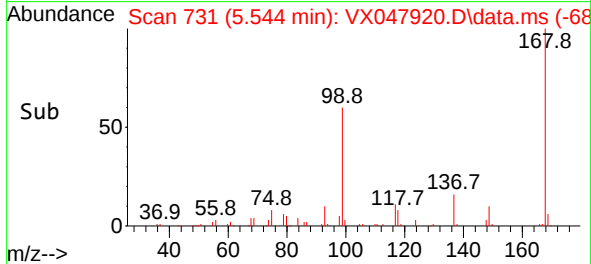
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20250923



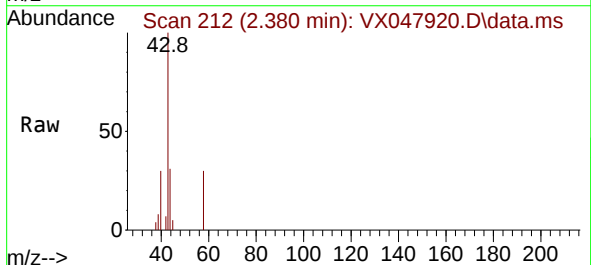
Tgt Ion:168 Resp: 12735
Ion Ratio Lower Upper
168 100
99 60.3 48.8 73.2

Manual Integrations
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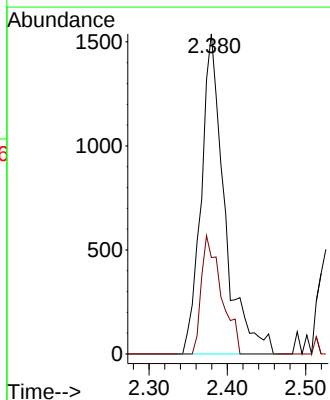
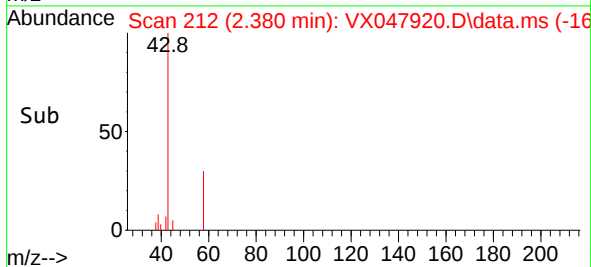
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

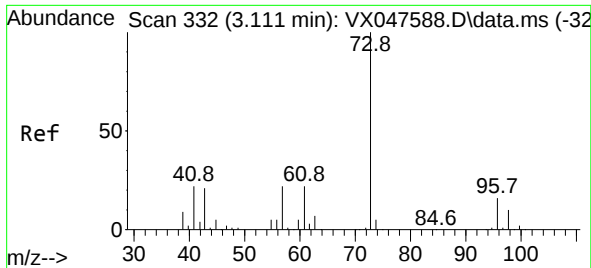


#16
Acetone
Concen: 3.617 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047920.D
Acq: 30 Sep 2025 18:27



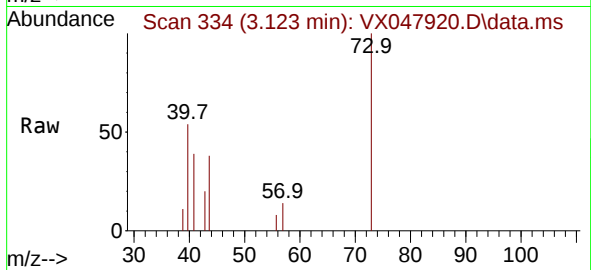
Tgt Ion: 43 Resp: 3188
Ion Ratio Lower Upper
43 100
58 23.0 23.4 35.0#





#19
Methyl tert-butyl Ether
Concen: 0.381 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX047920.D
Acq: 30 Sep 2025 18:27

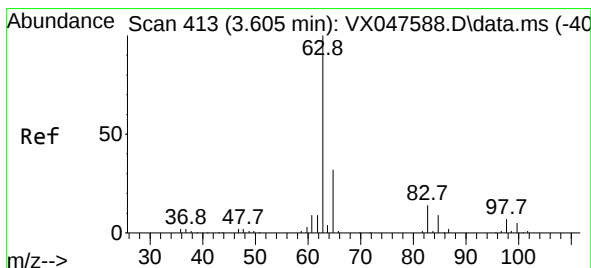
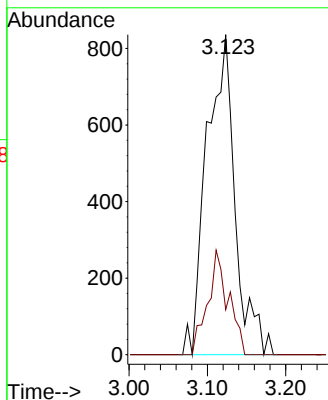
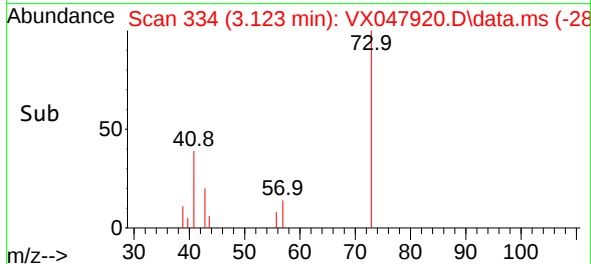
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20250923



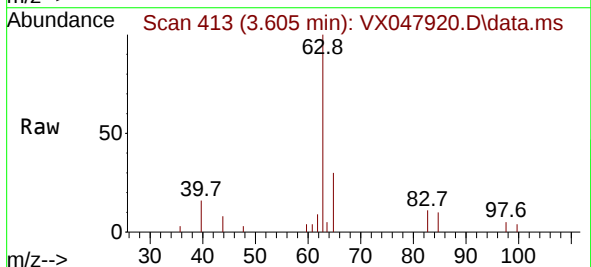
Tgt Ion: 73 Resp: 2100
Ion Ratio Lower Upper
73 100
57 14.1 17.4 26.2

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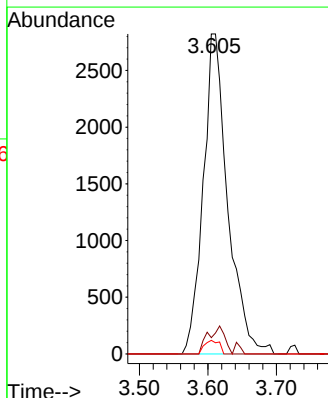
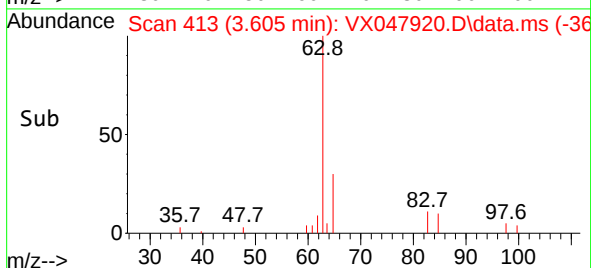
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

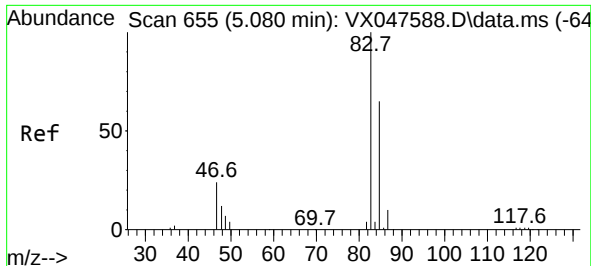


#24
1,1-Dichloroethane
Concen: 2.191 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047920.D
Acq: 30 Sep 2025 18:27



Tgt Ion: 63 Resp: 7046
Ion Ratio Lower Upper
63 100
98 4.9 3.8 11.2
100 4.1 2.3 6.9





#30

Chloroform

Concen: 0.572 ug/l m

RT: 5.080 min Scan# 6

Delta R.T. -0.000 min

Lab File: VX047920.D

Acq: 30 Sep 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20250923

Tgt Ion: 83 Resp: 185

Ion Ratio Lower Upper

83 100

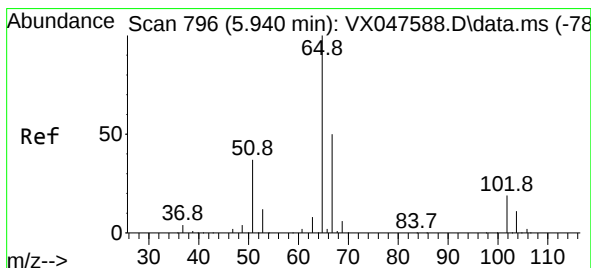
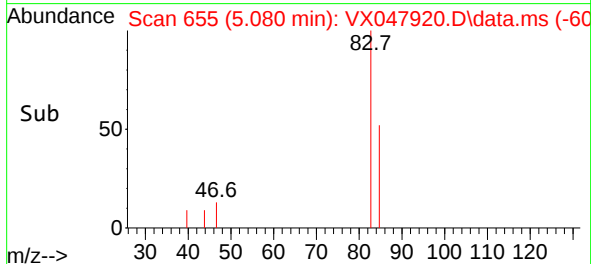
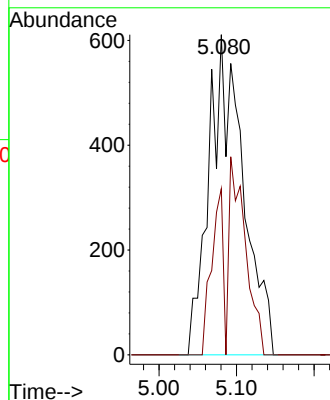
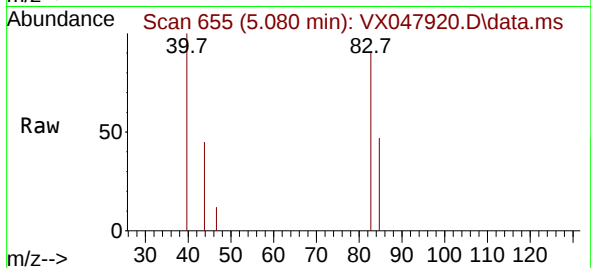
85 51.9 51.8 77.6

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 53.924 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047920.D

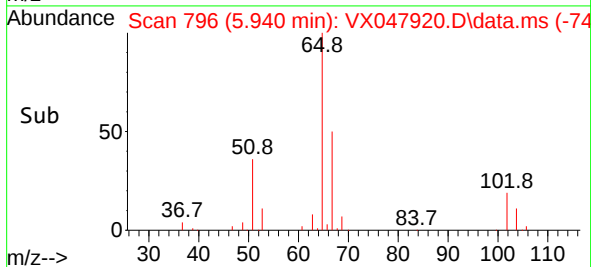
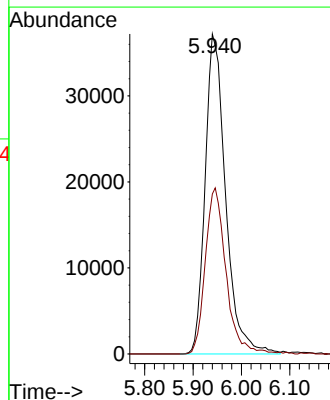
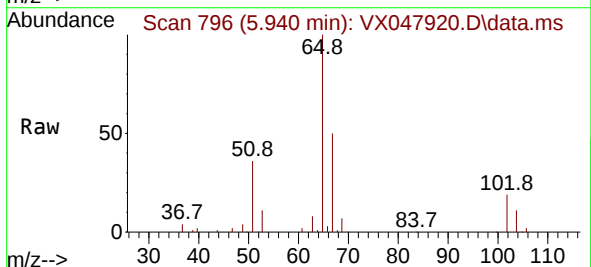
Acq: 30 Sep 2025 18:27

Tgt Ion: 65 Resp: 109314

Ion Ratio Lower Upper

65 100

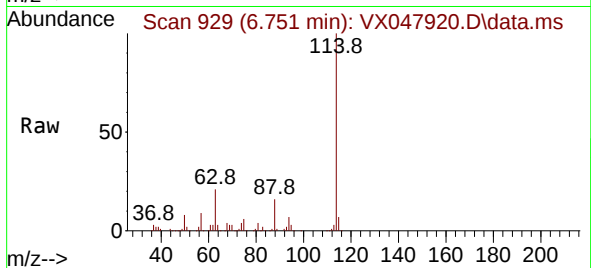
67 52.6 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047920.D
Acq: 30 Sep 2025 18:27

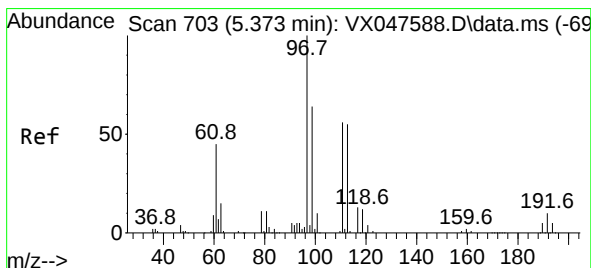
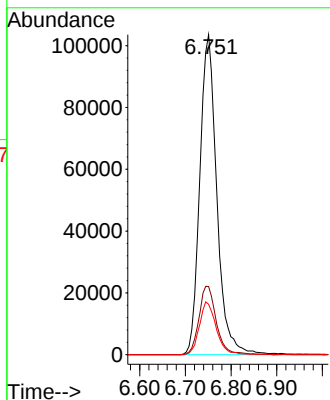
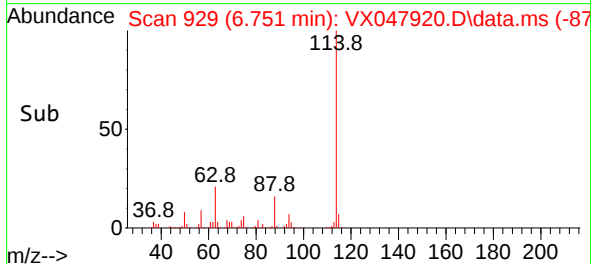
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20250923



Tgt Ion:114 Resp: 26763
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.0
88 15.7 0.0 34.2

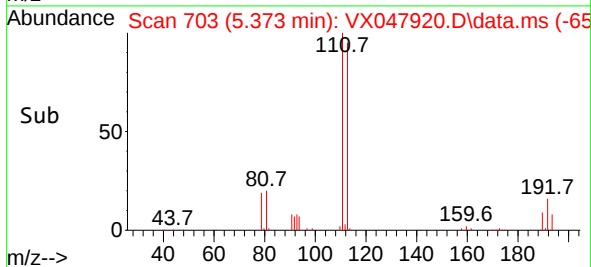
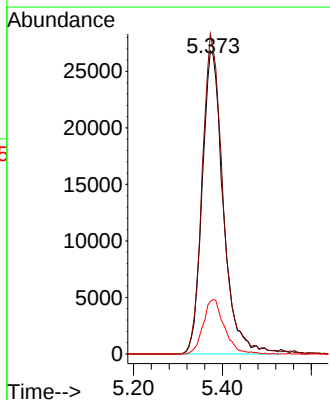
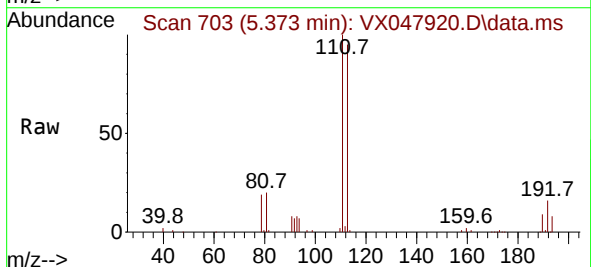
Manual Integrations
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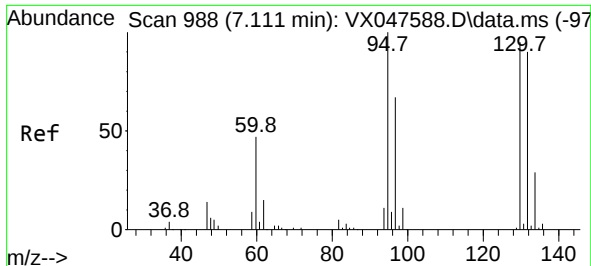
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#35
Dibromofluoromethane
Concen: 49.302 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047920.D
Acq: 30 Sep 2025 18:27

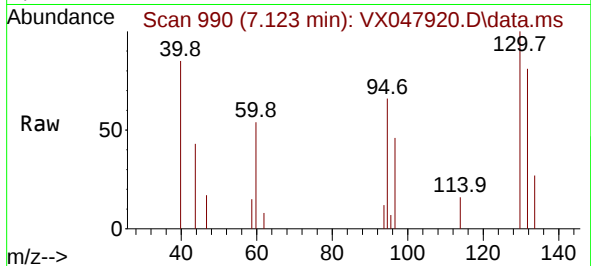
Tgt Ion:113 Resp: 88493
Ion Ratio Lower Upper
113 100
111 103.9 80.9 121.3
192 18.0 14.2 21.4





#44
Trichloroethene
Concen: 0.839 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX047920.D
Acq: 30 Sep 2025 18:27

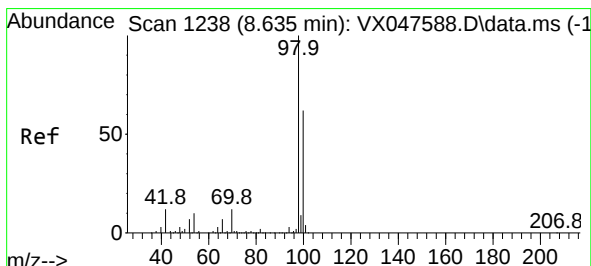
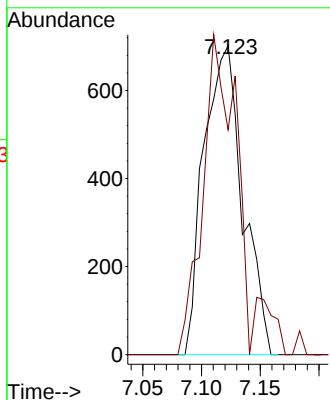
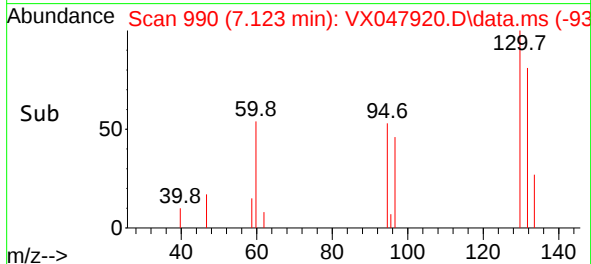
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20250923



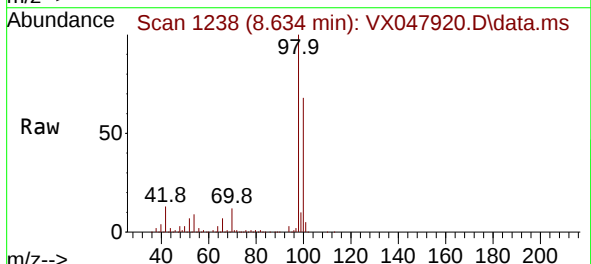
Tgt Ion:130 Resp: 1610
Ion Ratio Lower Upper
130 100
95 72.8 0.0 210.8

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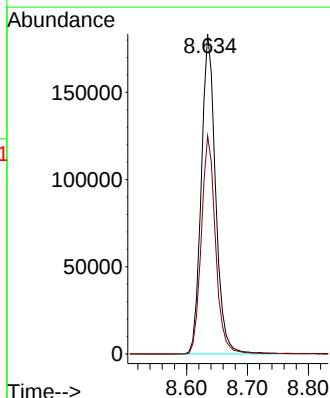
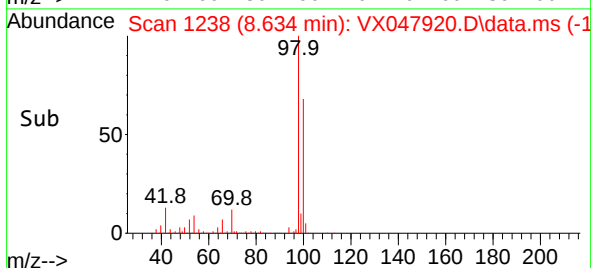
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

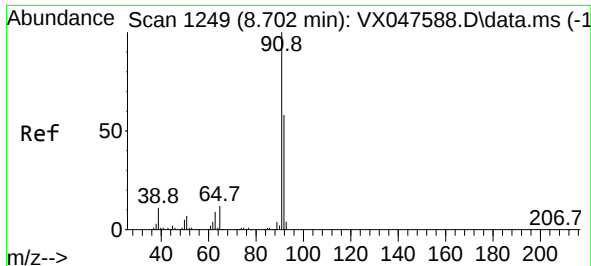


#50
Toluene-d8
Concen: 48.264 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047920.D
Acq: 30 Sep 2025 18:27



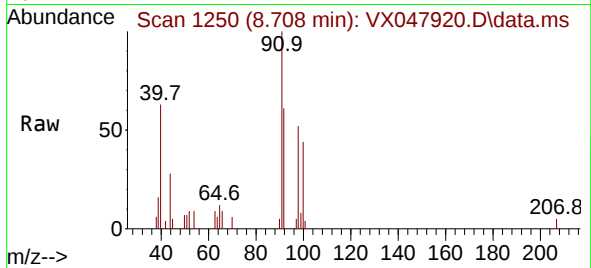
Tgt Ion: 98 Resp: 299757
Ion Ratio Lower Upper
98 100
100 67.8 53.0 79.4





#52
Toluene
Concen: 0.297 ug/l
RT: 8.708 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047920.D
Acq: 30 Sep 2025 18:27

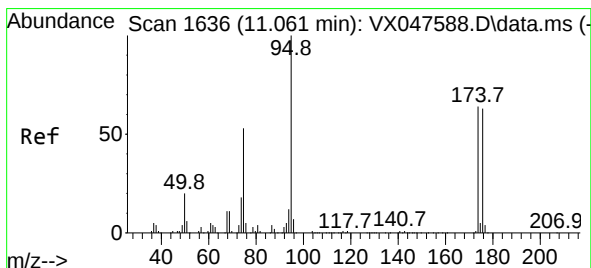
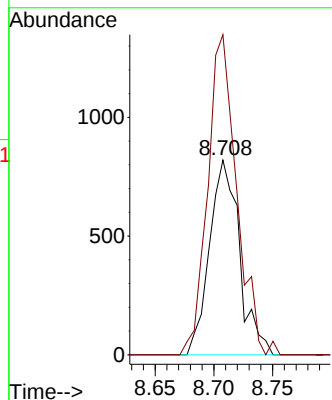
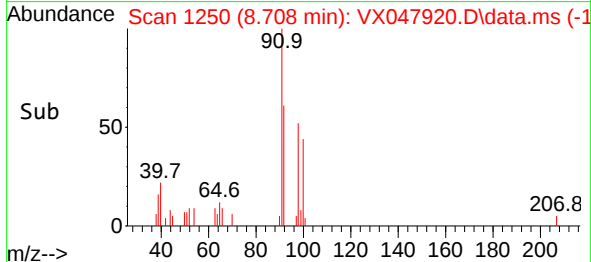
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20250923



Tgt Ion: 92 Resp: 145
Ion Ratio Lower Upper
92 100
91 159.0 137.1 205.7

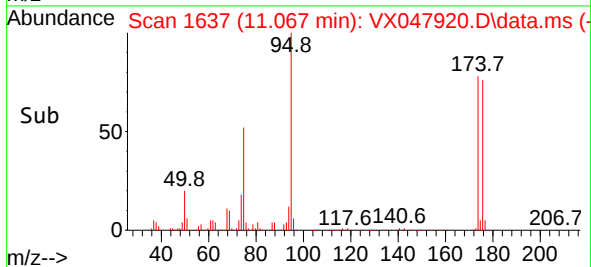
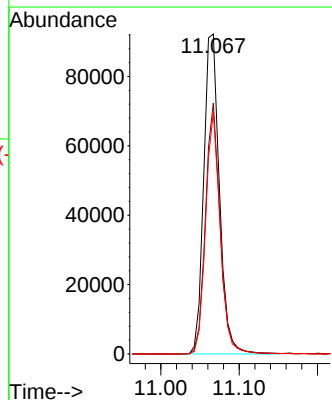
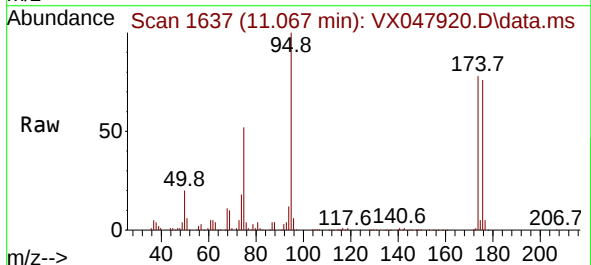
Manual Integrations
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Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#62
4-Bromofluorobenzene
Concen: 54.454 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047920.D
Acq: 30 Sep 2025 18:27

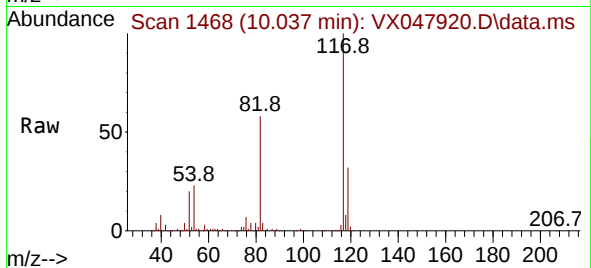
Tgt Ion: 95 Resp: 128354
Ion Ratio Lower Upper
95 100
174 73.6 0.0 141.6
176 70.3 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047920.D
Acq: 30 Sep 2025 18:27

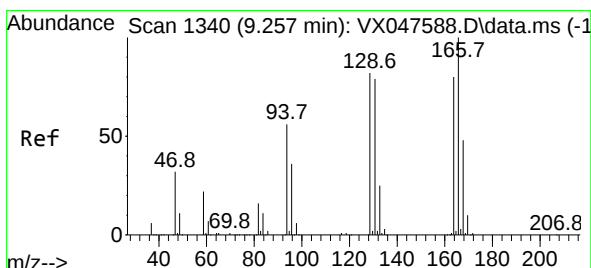
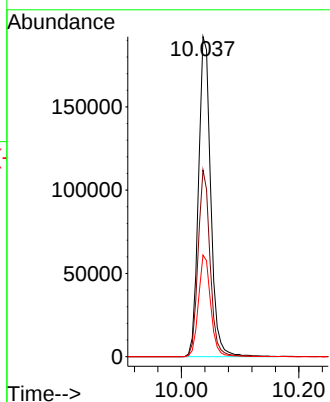
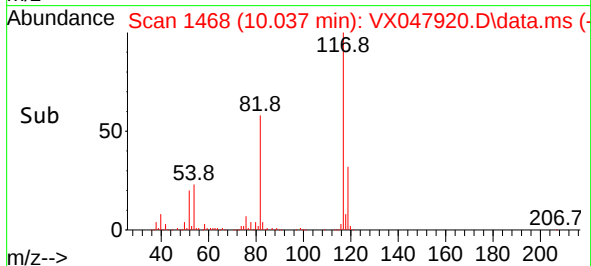
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20250923



Tgt Ion:117 Resp: 27810
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.6
119 31.8 25.2 37.8

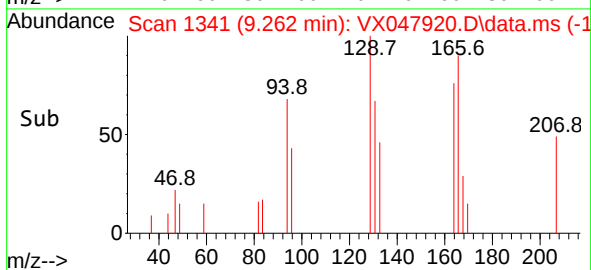
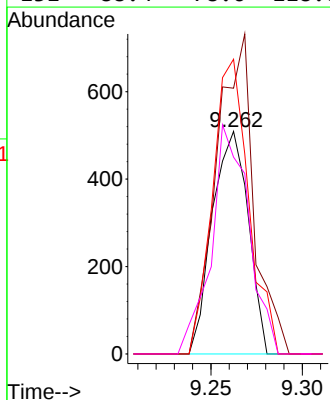
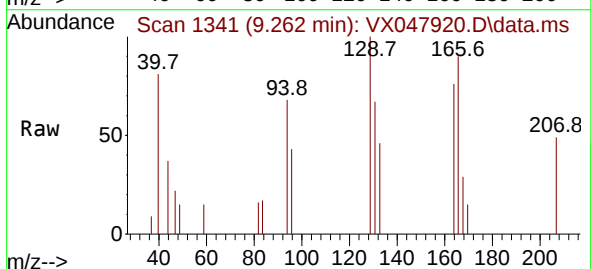
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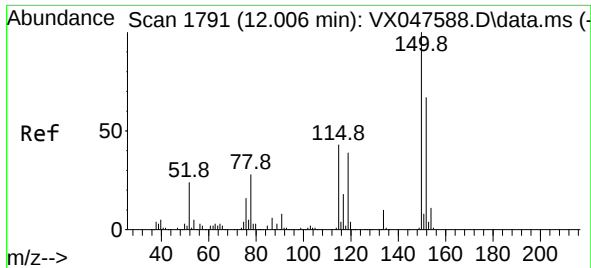
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#64
Tetrachloroethene
Concen: 0.384 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047920.D
Acq: 30 Sep 2025 18:27

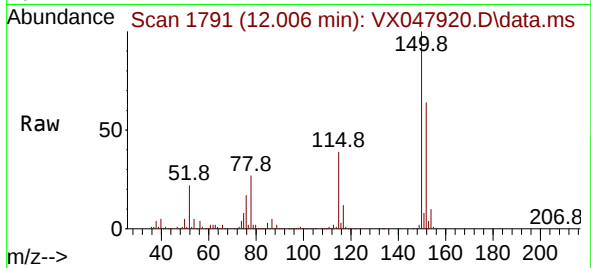
Tgt Ion:164 Resp: 697
Ion Ratio Lower Upper
164 100
166 119.4 100.2 150.2
129 132.4 81.8 122.6#
131 88.4 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047920.D
 Acq: 30 Sep 2025 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20250923



Tgt Ion:152 Resp: 138945
 Ion Ratio Lower Upper
 152 100
 115 62.8 44.9 134.5
 150 160.4 0.0 352.0

Manual Integrations
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Reviewed By :John Carlone 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025

