

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047738.D
 Acq On : 23 Sep 2025 16:55
 Operator : JC/MD
 Sample : Q3097-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20250912

Quant Time: Sep 24 01:36:15 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 09/24/2025
 Supervised By : Mahesh Dadoda 09/26/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	134457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	282290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	281029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	114450	53.476	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.960%		
35) Dibromofluoromethane	5.373	113	93741	49.515	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.020%		
50) Toluene-d8	8.635	98	307302	46.910	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 93.820%		
62) 4-Bromofluorobenzene	11.061	95	134047	53.917	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.840%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	24750	15.915	ug/l	99
12) 1,1-Dichloroethene	2.325	96	10897	6.821	ug/l	95
16) Acetone	2.380	43	2427m	2.608	ug/l	
25) 2-Butanone	4.562	43	2232	1.923	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	8042	3.818	ug/l	86
29) Tetrahydrofuran	5.013	42	2737m	3.920	ug/l	
30) Chloroform	5.093	83	1637	0.477	ug/l	88
44) Trichloroethene	7.110	130	1228197	604.618	ug/l	95
55) 1,1,2-Trichloroethane	9.141	97	1061	0.532	ug/l #	73
64) Tetrachloroethene	9.262	164	10589	5.780	ug/l	92

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

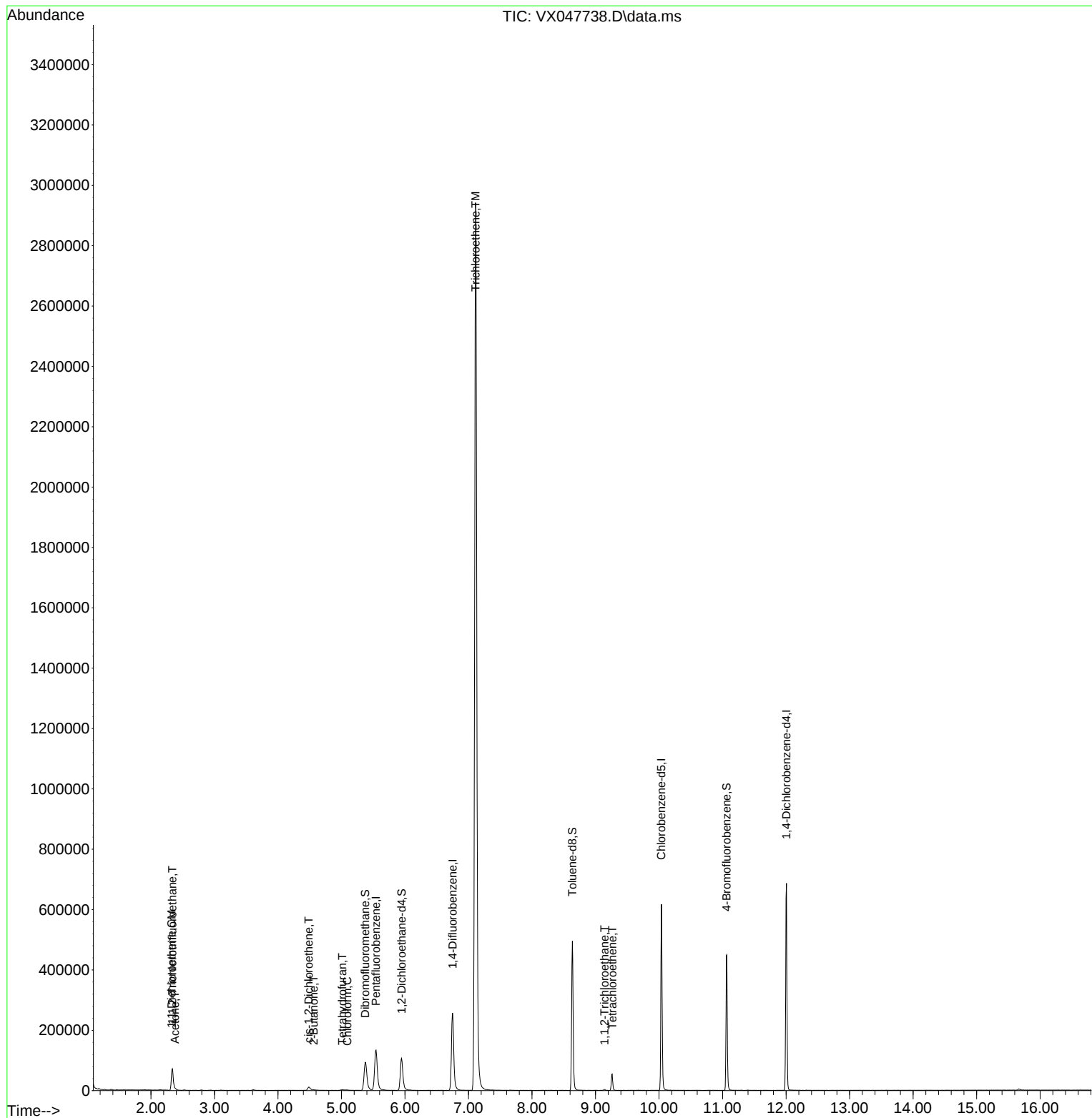
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
Data File : VX047738.D
Acq On : 23 Sep 2025 16:55
Operator : JC/MD
Sample : Q3097-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

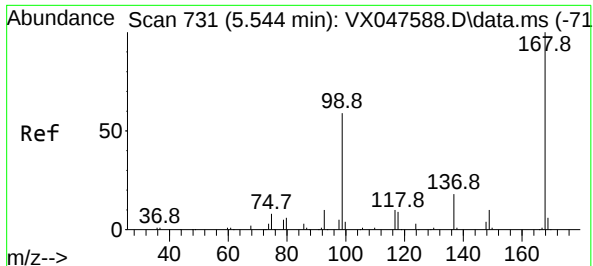
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20250912

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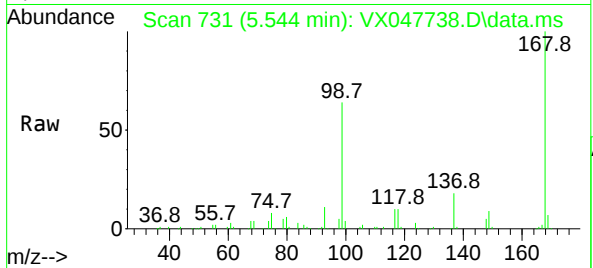
Quant Time: Sep 24 01:36:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047738.D
Acq: 23 Sep 2025 16:55

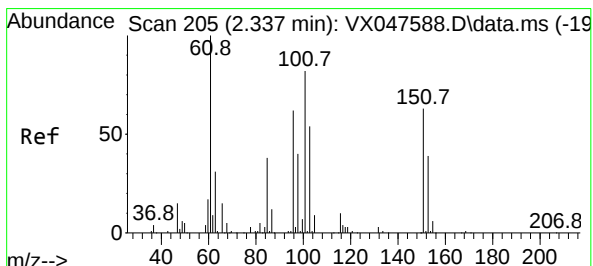
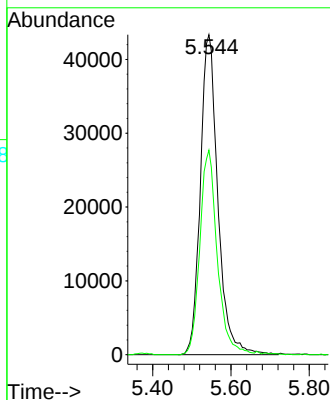
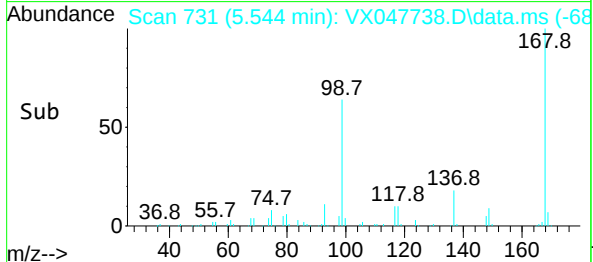
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20250912



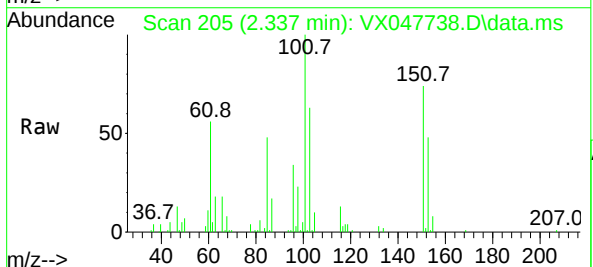
Tgt Ion:168 Resp: 13445
Ion Ratio Lower Upper
168 100
99 63.9 48.8 73.2

Manual Integrations
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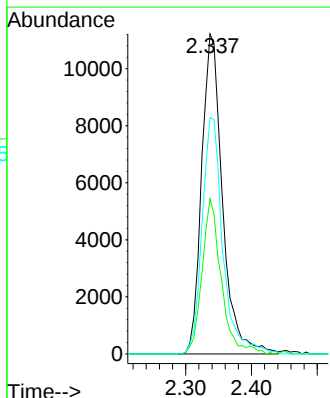
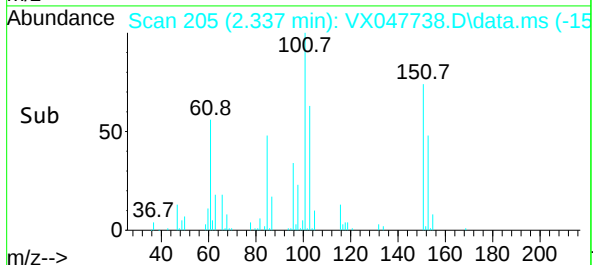
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

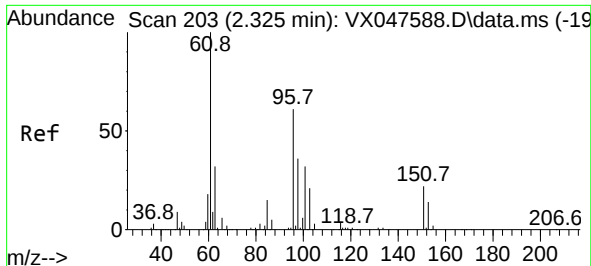


#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.915 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047738.D
Acq: 23 Sep 2025 16:55



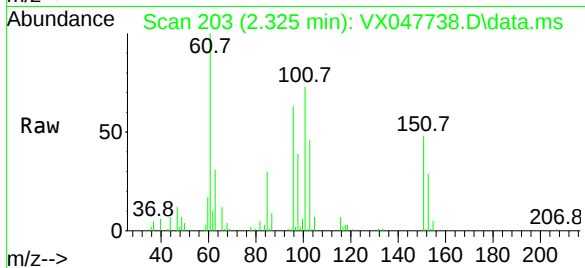
Tgt Ion:101 Resp: 24750
Ion Ratio Lower Upper
101 100
85 44.7 35.5 53.3
151 73.5 59.4 89.0





#12
1,1-Dichloroethene
Concen: 6.821 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047738.D
Acq: 23 Sep 2025 16:55

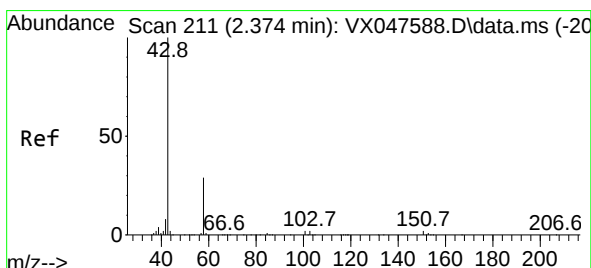
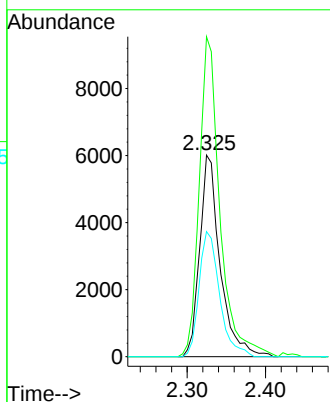
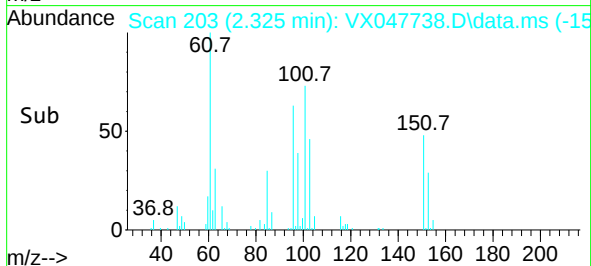
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20250912



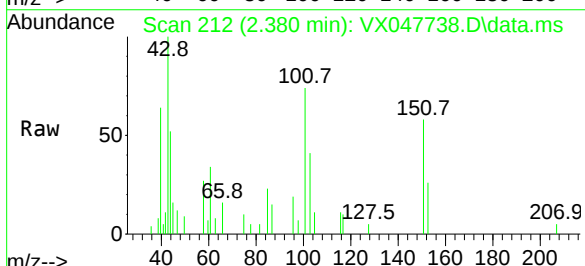
Tgt Ion: 96 Resp: 1089
Ion Ratio Lower Upper
96 100
61 158.7 131.0 196.6
98 65.2 47.7 71.5

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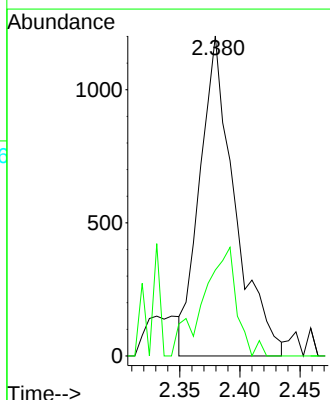
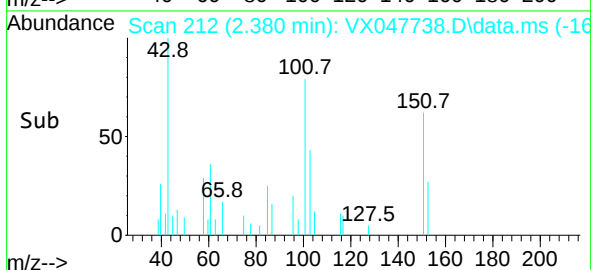
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

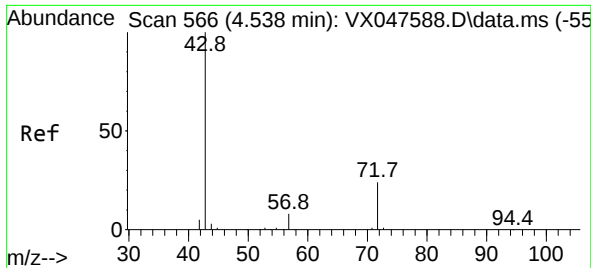


#16
Acetone
Concen: 2.608 ug/l m
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047738.D
Acq: 23 Sep 2025 16:55



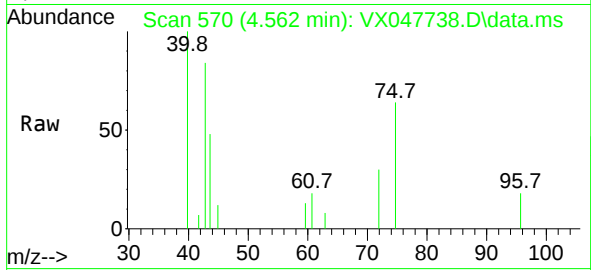
Tgt Ion: 43 Resp: 2427
Ion Ratio Lower Upper
43 100
58 26.9 23.4 35.0





#25
2-Butanone
Concen: 1.923 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX047738.D
Acq: 23 Sep 2025 16:55

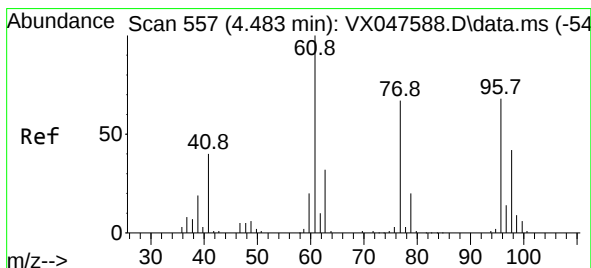
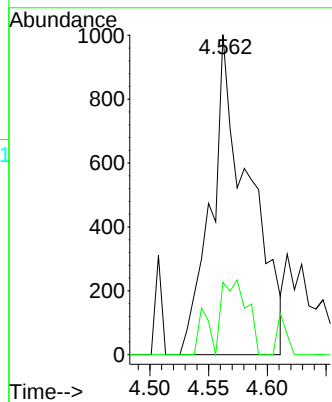
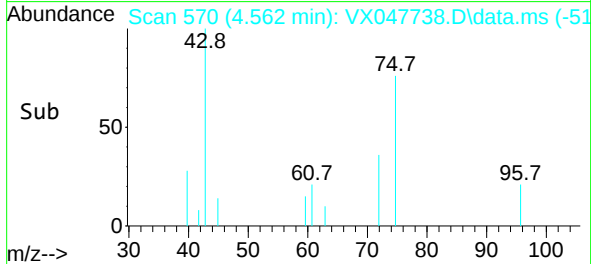
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20250912



Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
72 27.8 20.1 30.1

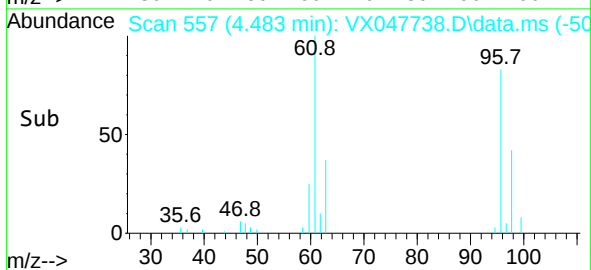
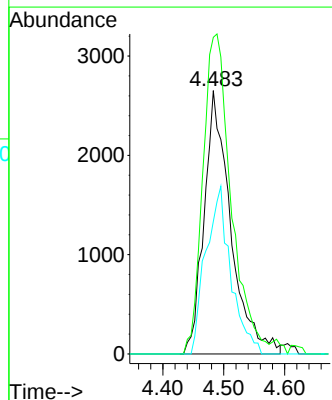
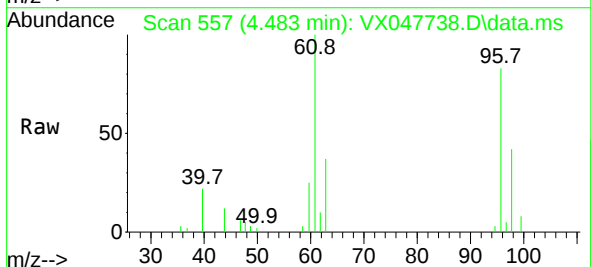
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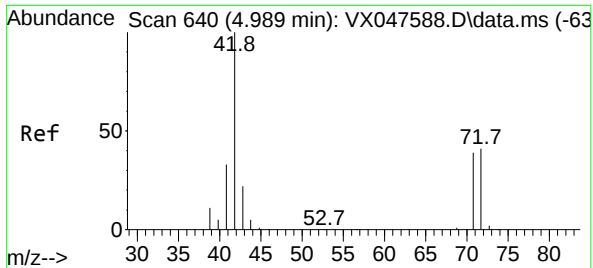
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#27
cis-1,2-Dichloroethene
Concen: 3.818 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX047738.D
Acq: 23 Sep 2025 16:55

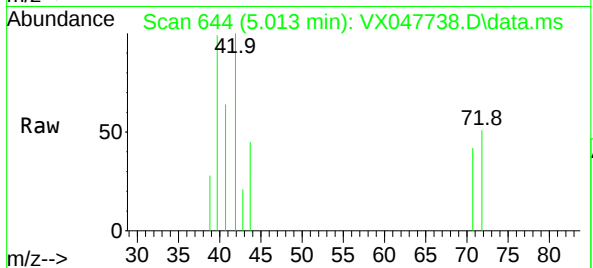
Tgt Ion: 96 Resp: 8042
Ion Ratio Lower Upper
96 100
61 129.1 0.0 303.2
98 59.6 0.0 127.8





#29
Tetrahydrofuran
Concen: 3.920 ug/l m
RT: 5.013 min Scan# 64
Delta R.T. 0.024 min
Lab File: VX047738.D
Acq: 23 Sep 2025 16:55

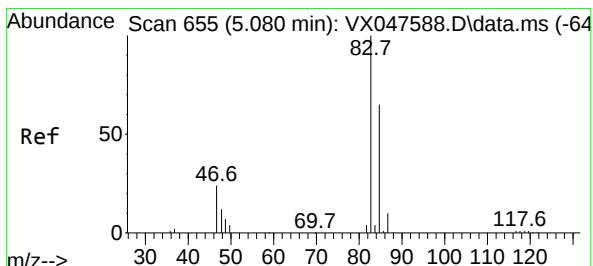
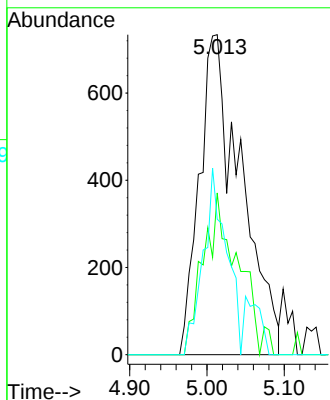
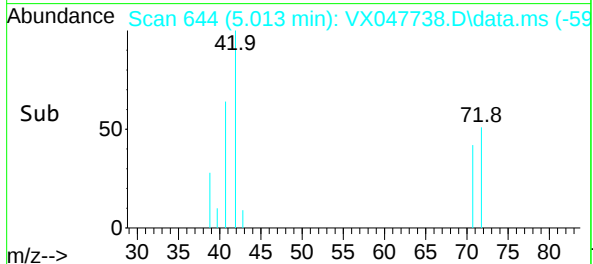
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20250912



Tgt Ion: 42 Resp: 273
Ion Ratio Lower Upper
42 100
72 41.3 34.2 51.2
71 32.5 31.9 47.9

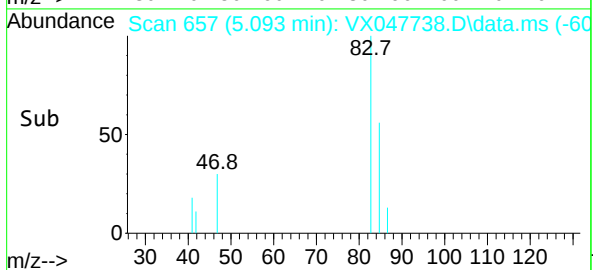
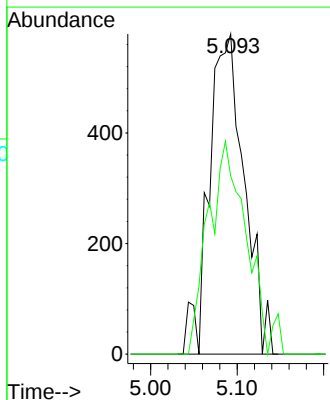
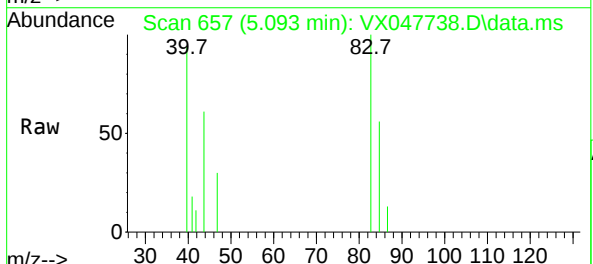
Manual Integrations
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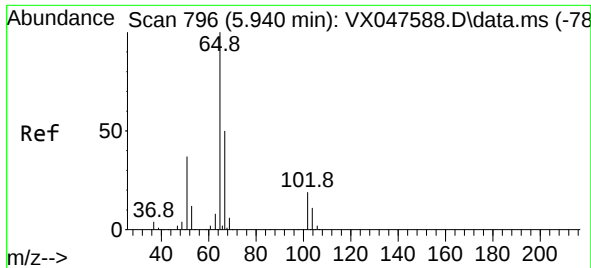
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#30
Chloroform
Concen: 0.477 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX047738.D
Acq: 23 Sep 2025 16:55

Tgt Ion: 83 Resp: 1637
Ion Ratio Lower Upper
83 100
85 55.6 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 53.476 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047738.D

Acq: 23 Sep 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20250912

Tgt Ion: 65 Resp: 114450

Ion Ratio Lower Upper

65 100

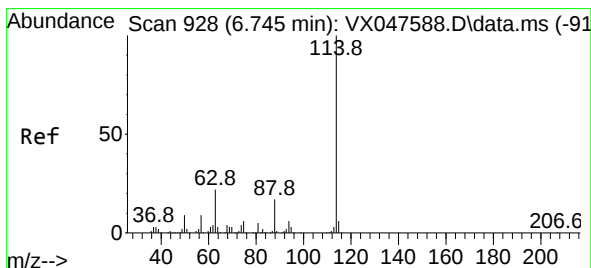
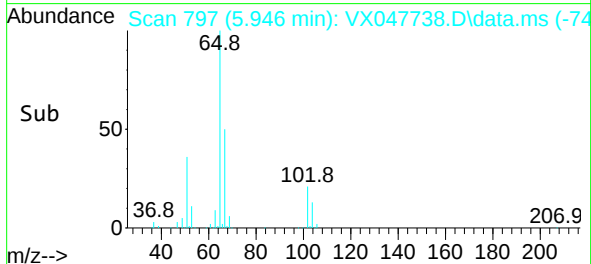
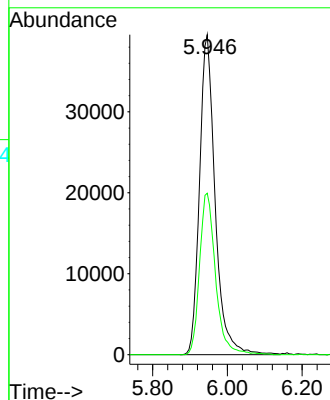
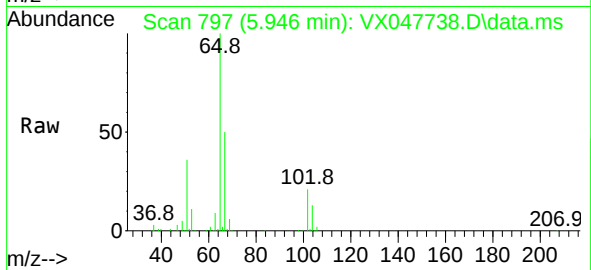
67 51.8 0.0 103.0

Manual Integrations

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Supervised By :Mahesh Dadoda 09/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047738.D

Acq: 23 Sep 2025 16:55

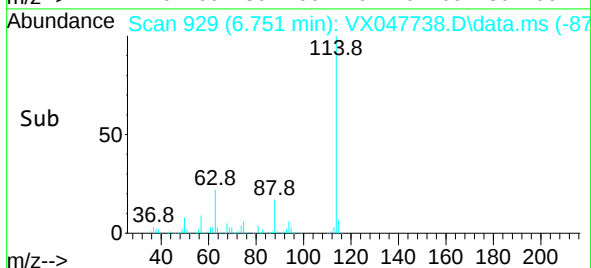
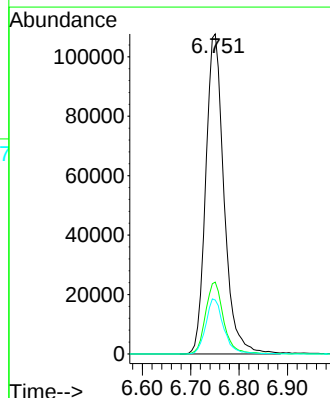
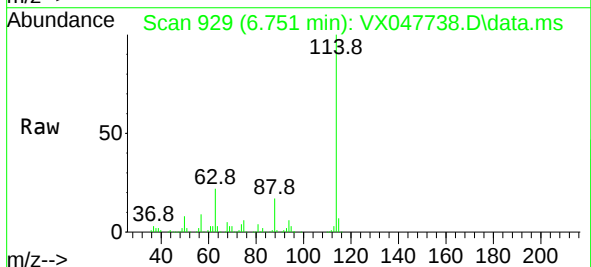
Tgt Ion:114 Resp: 282290

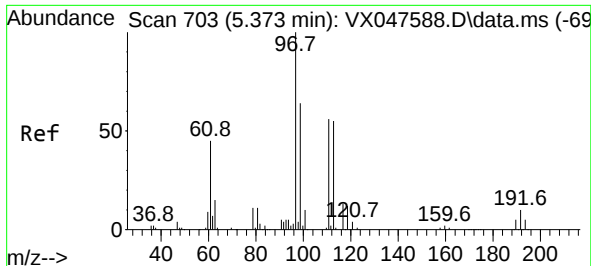
Ion Ratio Lower Upper

114 100

63 25.6 0.0 44.0

88 16.8 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.515 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047738.D

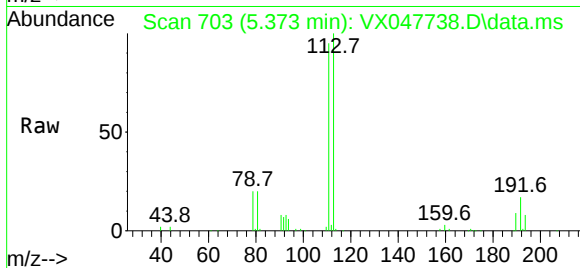
Acq: 23 Sep 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20250912



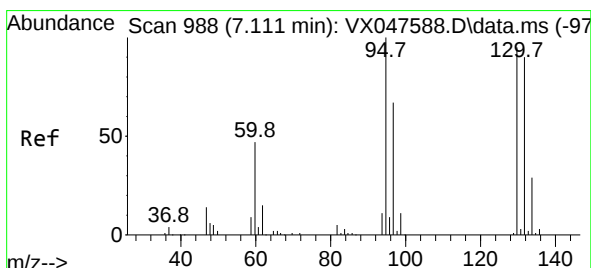
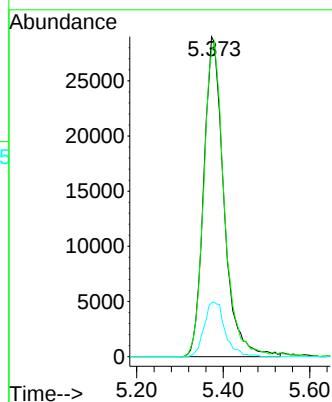
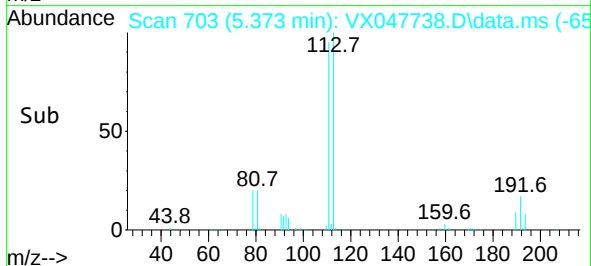
Tgt Ion:	113	Resp:	9374
Ion Ratio	Lower	Upper	
113	100		
111	99.7	80.9	121.3
192	17.6	14.2	21.4

Manual Integrations

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Supervised By :Mahesh Dadoda 09/26/2025



#44

Trichloroethene

Concen: 604.618 ug/l

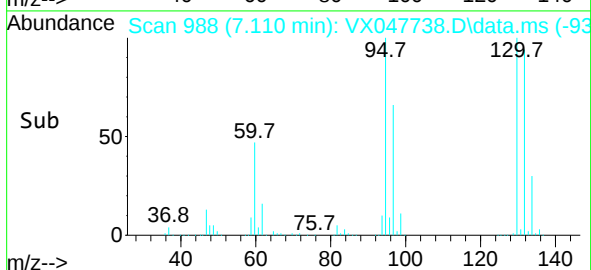
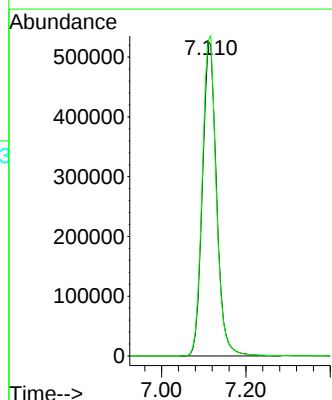
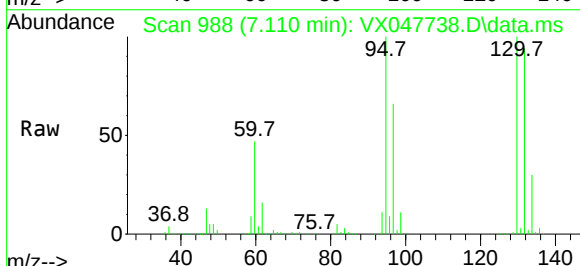
RT: 7.110 min Scan# 988

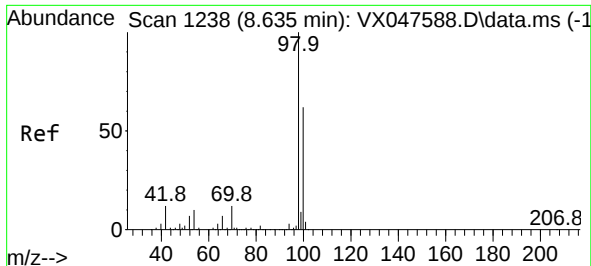
Delta R.T. -0.000 min

Lab File: VX047738.D

Acq: 23 Sep 2025 16:55

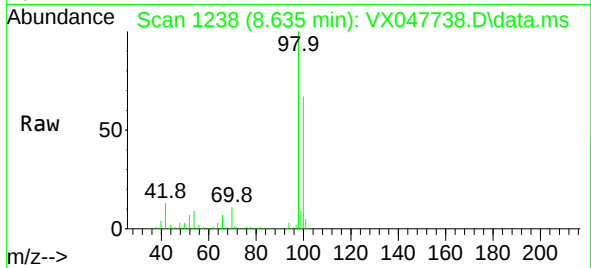
Tgt Ion:	130	Resp:	1228197
Ion Ratio	Lower	Upper	
130	100		
95	100.3	0.0	210.8





#50
Toluene-d8
Concen: 46.910 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047738.D
Acq: 23 Sep 2025 16:55

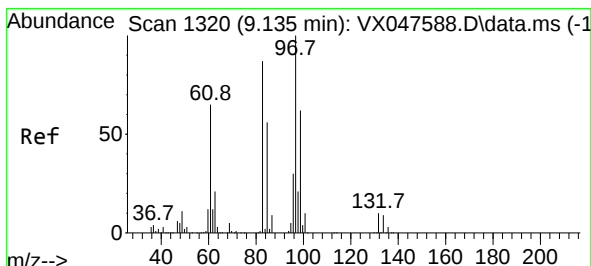
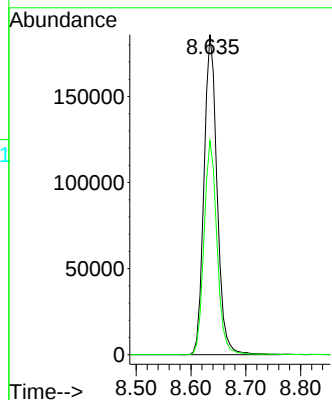
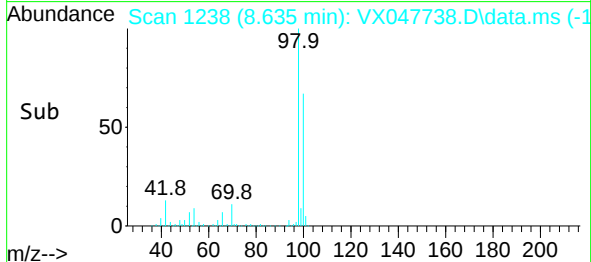
Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 307302
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

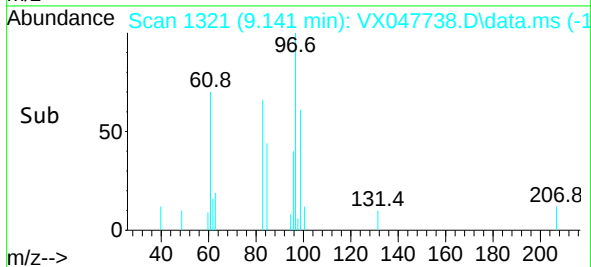
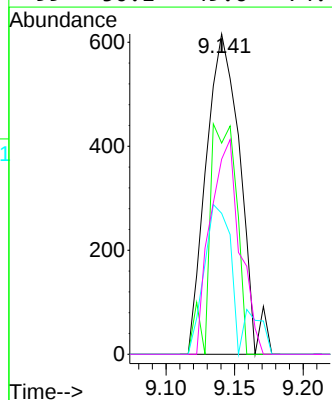
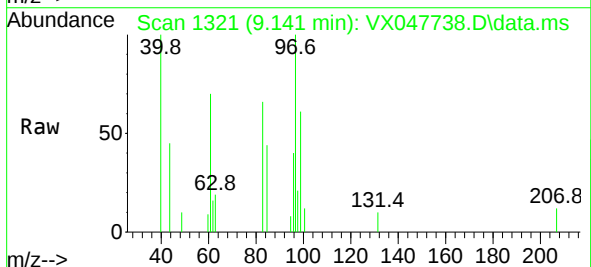
Manual Integrations
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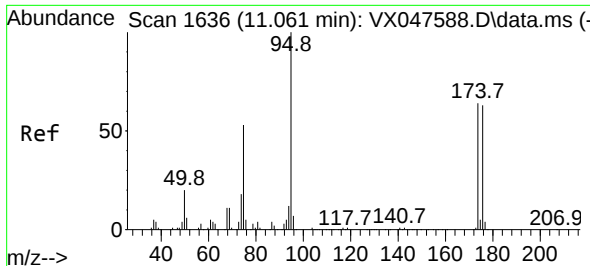
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#55
1,1,2-Trichloroethane
Concen: 0.532 ug/l
RT: 9.141 min Scan# 1321
Delta R.T. 0.006 min
Lab File: VX047738.D
Acq: 23 Sep 2025 16:55

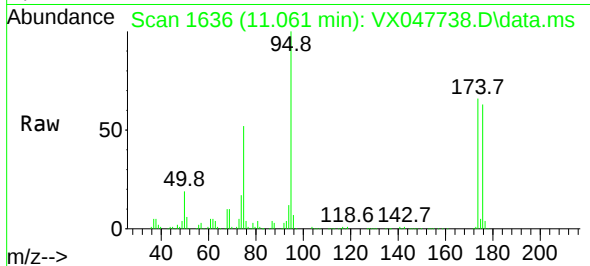
Tgt Ion: 97 Resp: 1061
Ion Ratio Lower Upper
97 100
83 54.3 69.6 104.4#
85 36.2 45.0 67.6#
99 50.1 49.6 74.4





#62
4-Bromofluorobenzene
Concen: 53.917 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047738.D
Acq: 23 Sep 2025 16:55

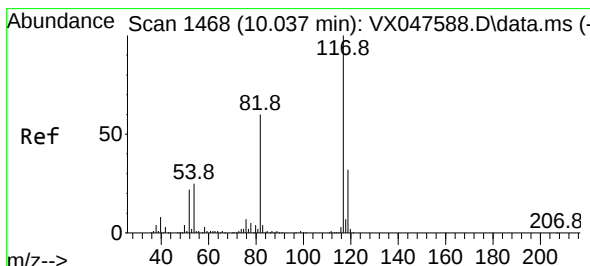
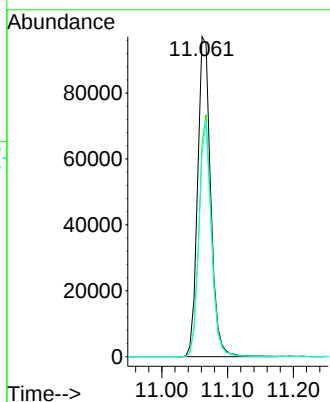
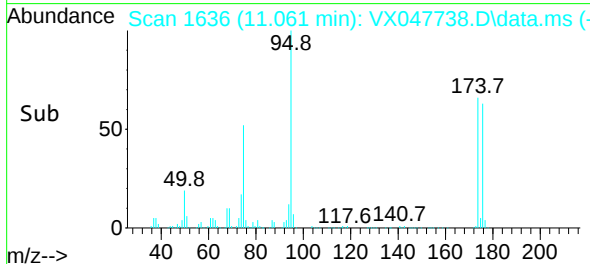
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20250912



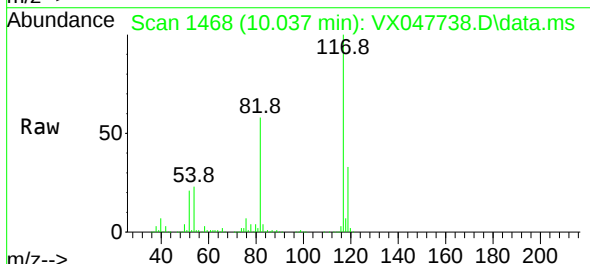
Tgt Ion: 95 Resp: 13404
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 69.5 0.0 138.4

Manual Integrations
APPROVED

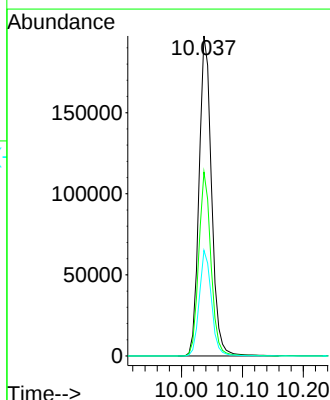
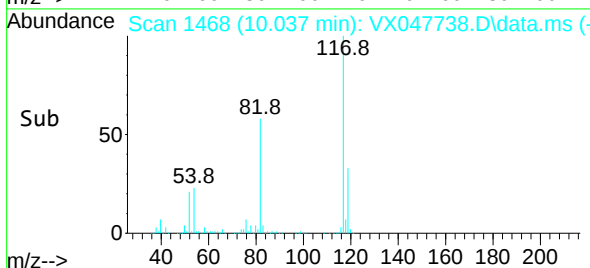
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

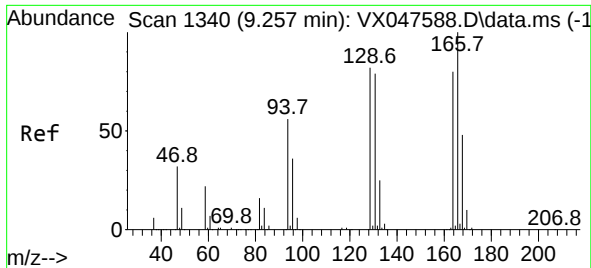


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047738.D
Acq: 23 Sep 2025 16:55



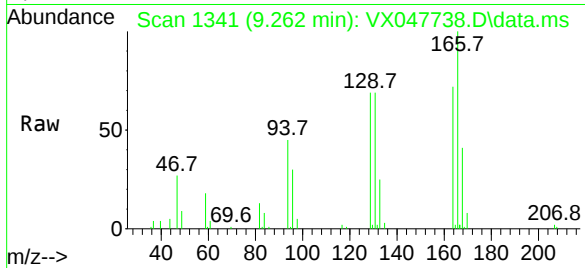
Tgt Ion:117 Resp: 281029
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.6
119 33.0 25.2 37.8





#64
Tetrachloroethene
Concen: 5.780 ug/l
RT: 9.262 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047738.D
Acq: 23 Sep 2025 16:55

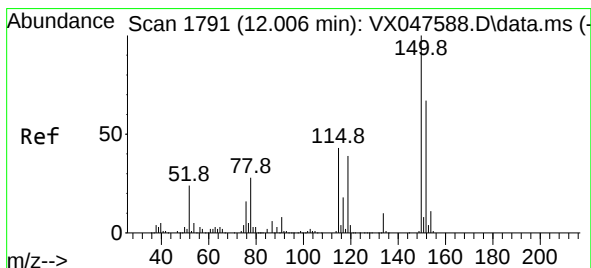
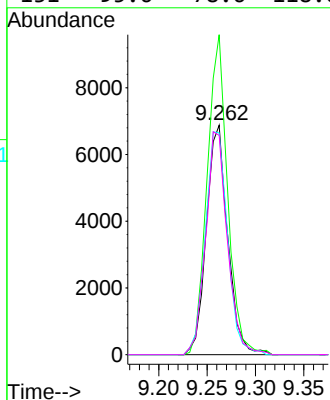
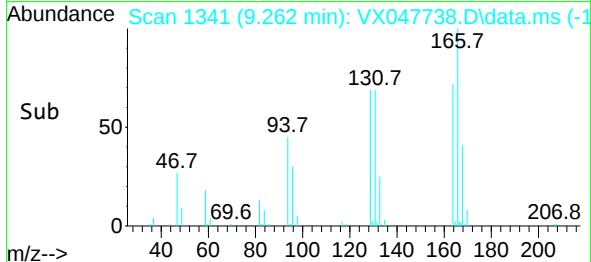
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20250912



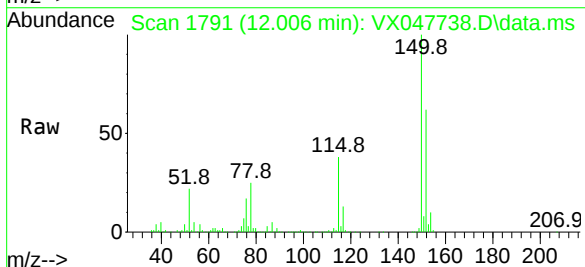
Tgt Ion:164 Resp: 10589
Ion Ratio Lower Upper
164 100
166 141.8 100.2 150.2
129 96.6 81.8 122.6
131 95.6 78.6 118.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047738.D
Acq: 23 Sep 2025 16:55



Tgt Ion:152 Resp: 141279
Ion Ratio Lower Upper
152 100
115 62.2 44.9 134.5
150 159.0 0.0 352.0

