

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047909.D
 Acq On : 30 Sep 2025 14:37
 Operator : JC/MD
 Sample : Q3193-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20250922

Quant Time: Oct 01 01:11:12 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	127732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	258483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	254800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99916	49.143	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.280%		
35) Dibromofluoromethane	5.373	113	82904	47.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.640%		
50) Toluene-d8	8.635	98	281093	46.862	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.720%		
62) 4-Bromofluorobenzene	11.061	95	117094	51.436	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.880%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	21939	14.850	ug/l	96
11) Tert butyl alcohol	2.953	59	2651	11.707	ug/l #	76
12) 1,1-Dichloroethene	2.325	96	3748	2.470	ug/l	95
16) Acetone	2.380	43	6405	7.245	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	3713	1.856	ug/l	99
29) Tetrahydrofuran	5.001	42	10302	15.530	ug/l	91
30) Chloroform	5.099	83	2118m	0.650	ug/l	
38) Carbon Tetrachloride	5.672	117	3150	1.145	ug/l #	76
44) Trichloroethene	7.111	130	1150159	618.351	ug/l	96
49) 1,4-Dioxane	7.665	88	540	24.116	ug/l #	66
64) Tetrachloroethene	9.257	164	7665	4.615	ug/l	93

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

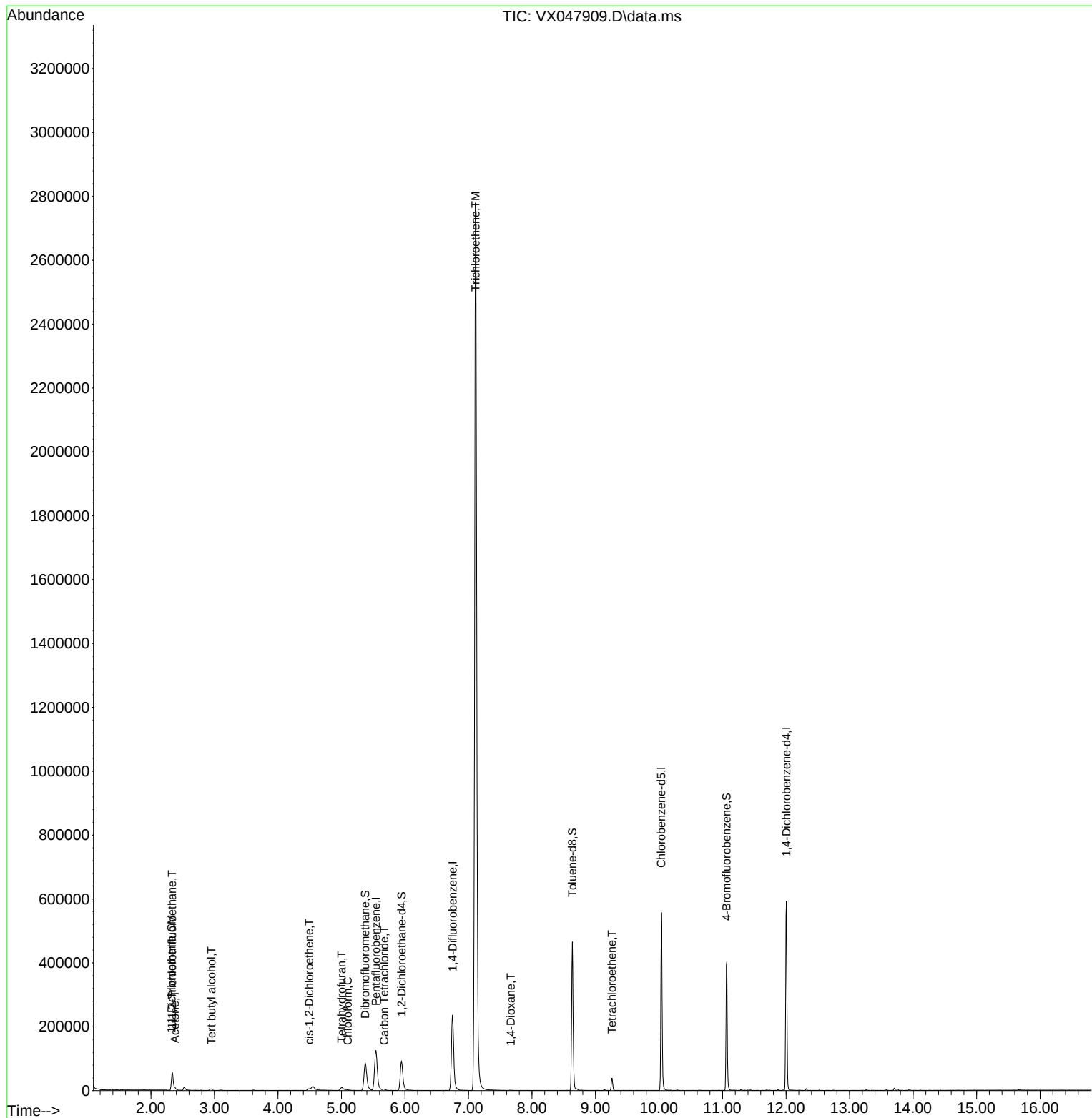
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
Data File : VX047909.D
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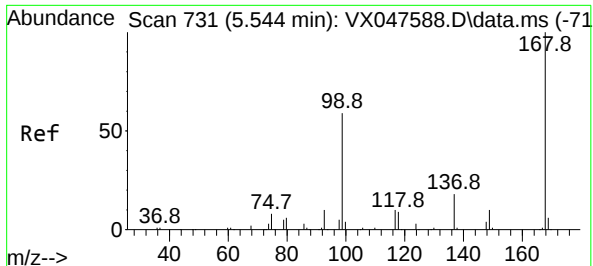
Instrument :
MSVOA_X
ClientSampleId :
RE137-20250922

Quant Time: Oct 01 01:11:12 2025
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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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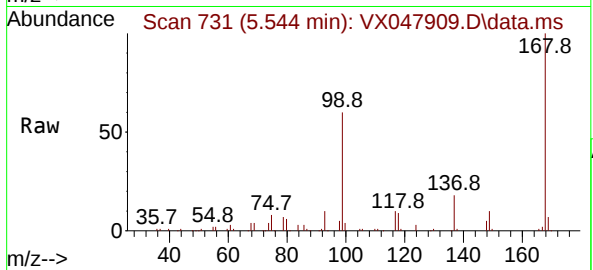
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047909.D
Acq: 30 Sep 2025 14:37

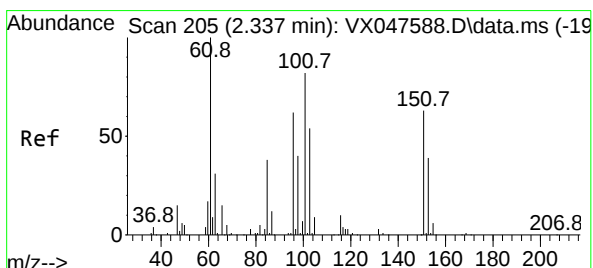
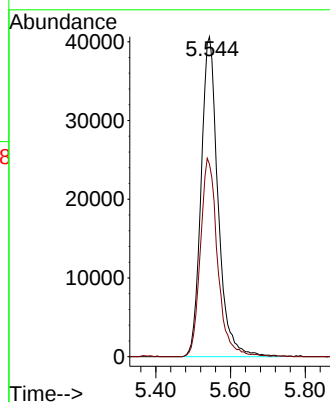
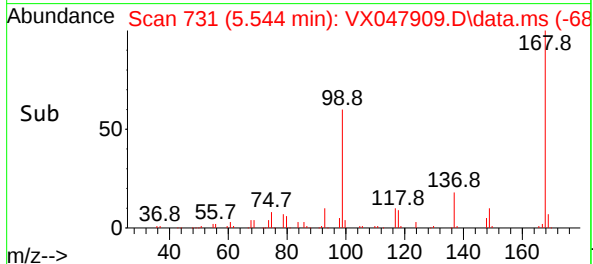
Instrument :
MSVOA_X
ClientSampleId :
RE137-20250922



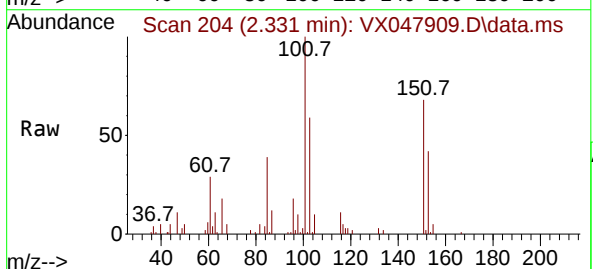
Tgt Ion:168 Resp: 12773
Ion Ratio Lower Upper
168 100
99 60.1 48.8 73.2

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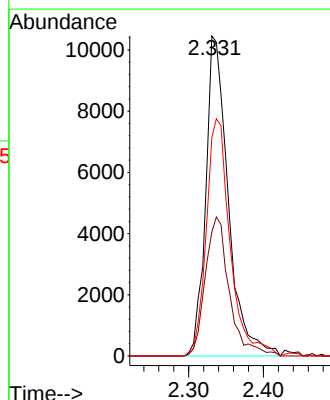
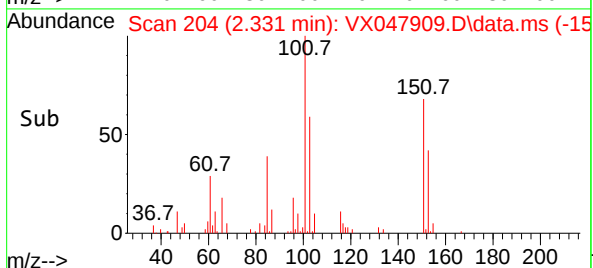
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

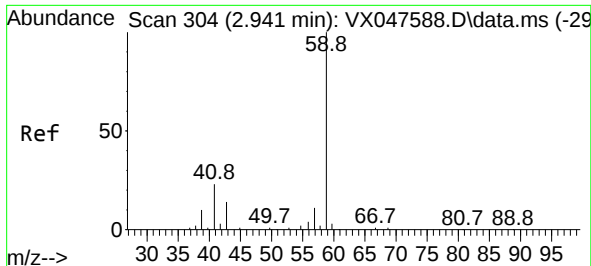


#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.850 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047909.D
Acq: 30 Sep 2025 14:37



Tgt Ion:101 Resp: 21939
Ion Ratio Lower Upper
101 100
85 46.1 35.5 53.3
151 78.2 59.4 89.0





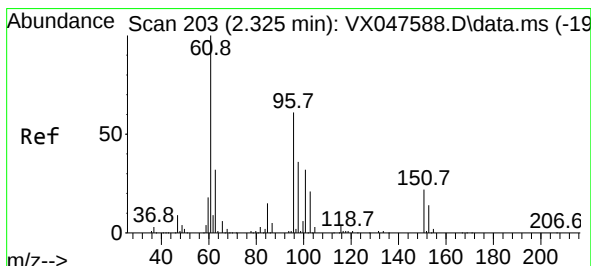
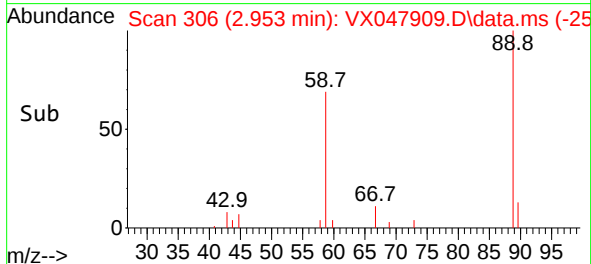
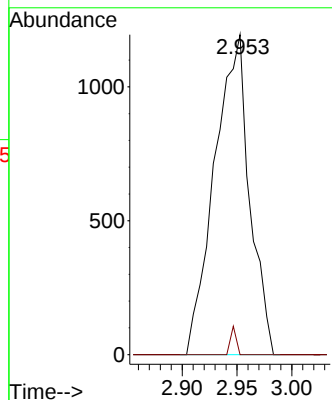
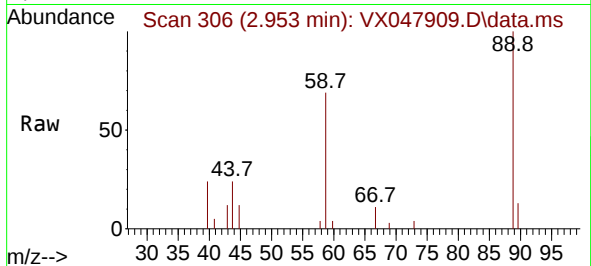
#11
Tert butyl alcohol
Concen: 11.707 ug/l
RT: 2.953 min Scan# 304
Delta R.T. 0.012 min
Lab File: VX047909.D
Acq: 30 Sep 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE137-20250922

Tgt Ion: 59 Resp: 265
Ion Ratio Lower Upper
59 100
57 1.5 8.3 12.5

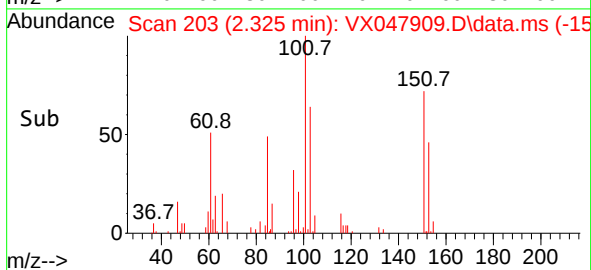
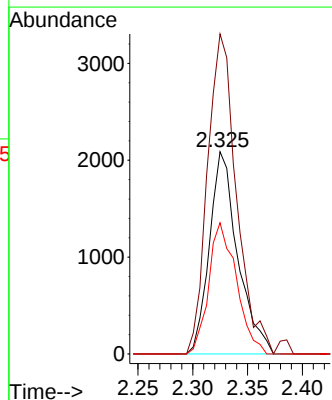
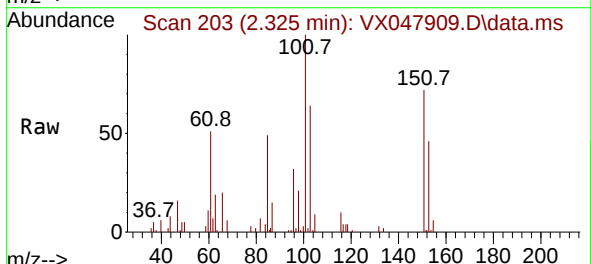
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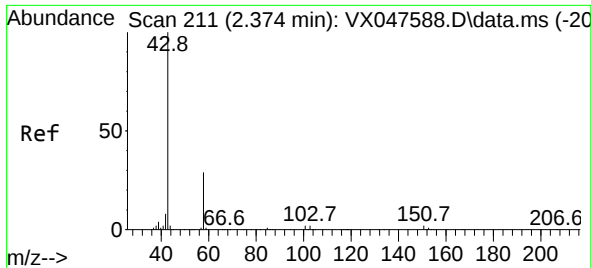
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#12
1,1-Dichloroethene
Concen: 2.470 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047909.D
Acq: 30 Sep 2025 14:37

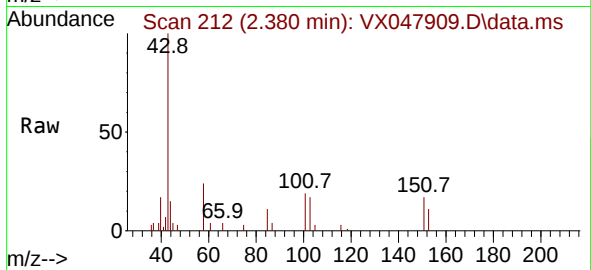
Tgt Ion: 96 Resp: 3748
Ion Ratio Lower Upper
96 100
61 158.2 131.0 196.6
98 64.9 47.7 71.5





#16
Acetone
Concen: 7.245 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047909.D
Acq: 30 Sep 2025 14:37

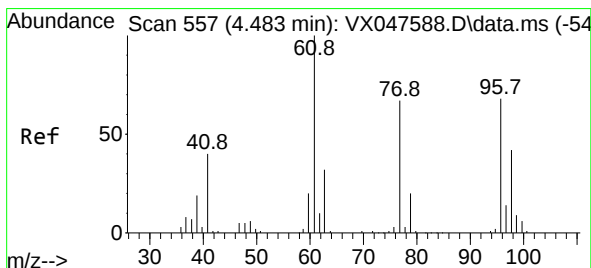
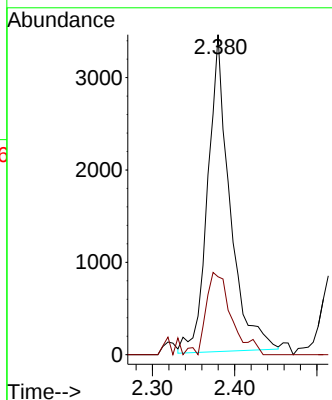
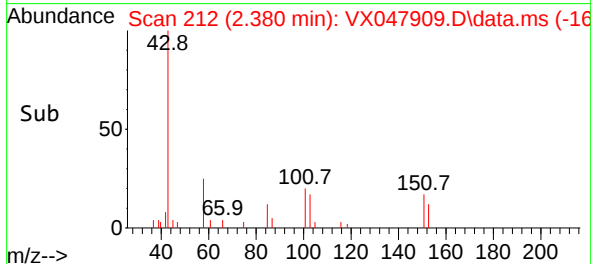
Instrument :
MSVOA_X
ClientSampleId :
RE137-20250922



Tgt Ion: 43 Resp: 640
Ion Ratio Lower Upper
43 100
58 24.8 23.4 35.0

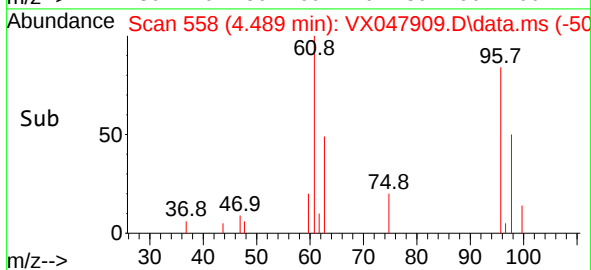
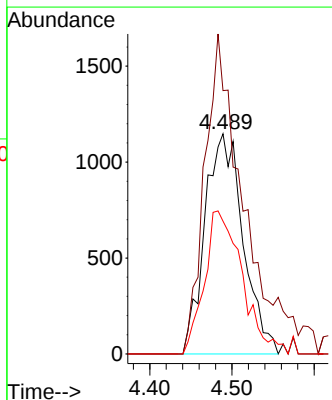
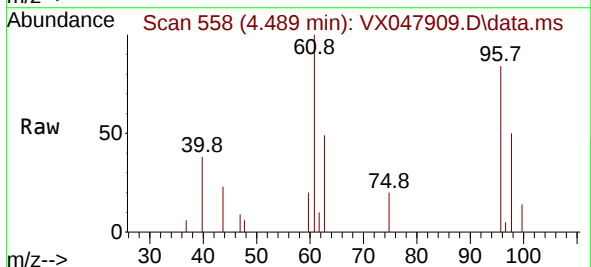
Manual Integrations
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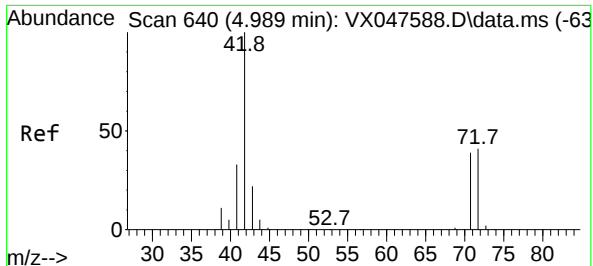
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#27
cis-1,2-Dichloroethene
Concen: 1.856 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX047909.D
Acq: 30 Sep 2025 14:37

Tgt Ion: 96 Resp: 3713
Ion Ratio Lower Upper
96 100
61 150.8 0.0 303.2
98 64.2 0.0 127.8





#29

Tetrahydrofuran

Concen: 15.530 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX047909.D

Acq: 30 Sep 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

RE137-20250922

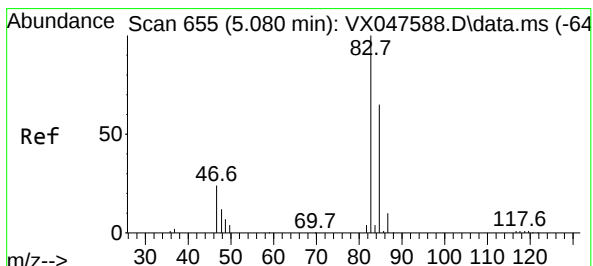
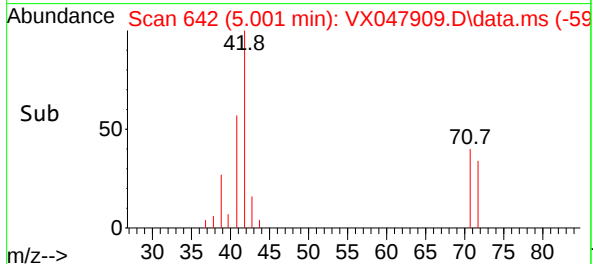
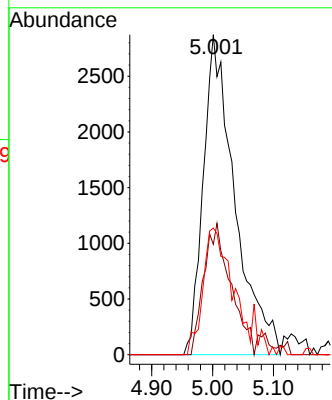
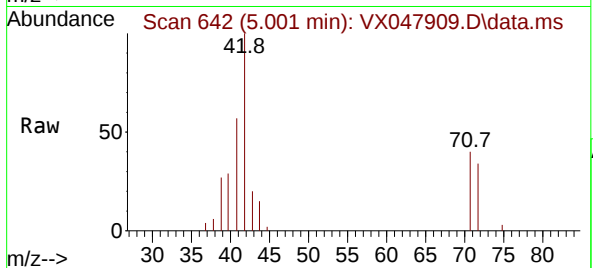
Tgt Ion: 42 Resp: 1030
 Ion Ratio Lower Upper
 42 100
 72 35.2 34.2 51.2
 71 36.3 31.9 47.9

Manual Integrations

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Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#30

Chloroform

Concen: 0.650 ug/l m

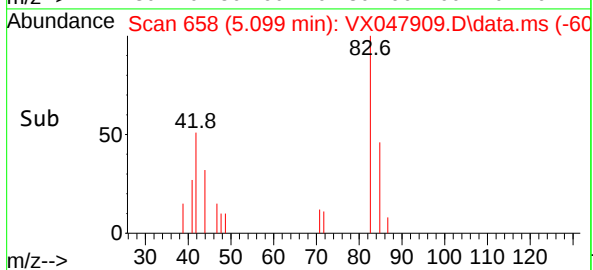
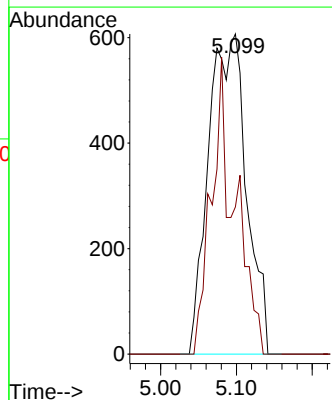
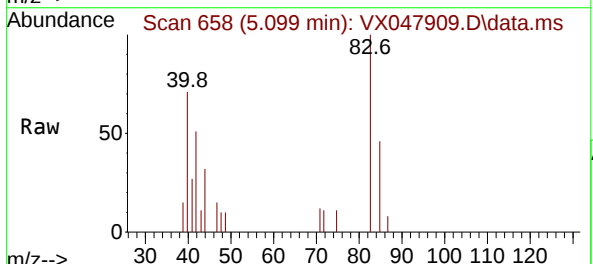
RT: 5.099 min Scan# 658

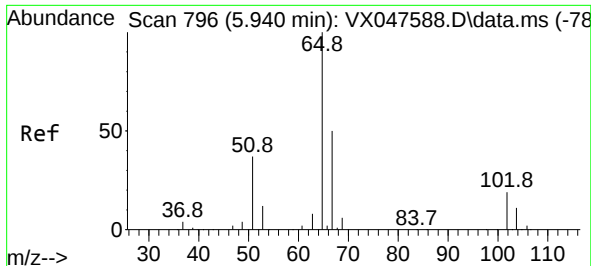
Delta R.T. 0.018 min

Lab File: VX047909.D

Acq: 30 Sep 2025 14:37

Tgt Ion: 83 Resp: 2118
 Ion Ratio Lower Upper
 83 100
 85 46.0 51.8 77.6#





#33
1,2-Dichloroethane-d4
Concen: 49.143 ug/l
RT: 5.946 min Scan# 796
Delta R.T. 0.006 min
Lab File: VX047909.D
Acq: 30 Sep 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

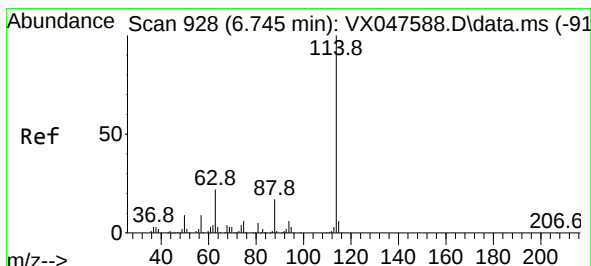
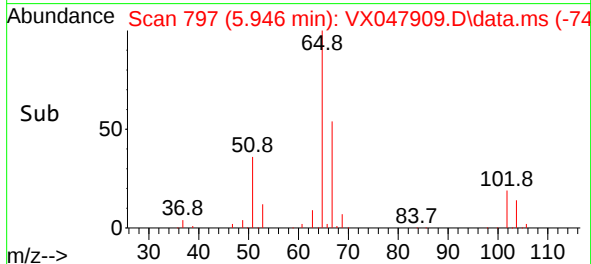
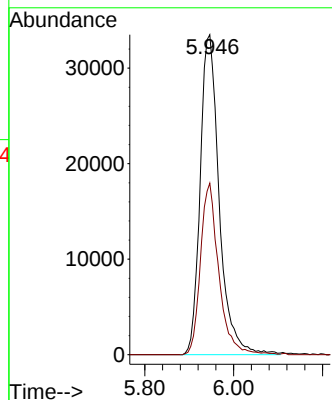
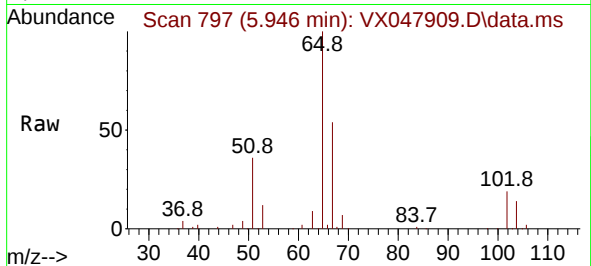
RE137-20250922

Tgt Ion: 65 Resp: 99910
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

Manual Integrations

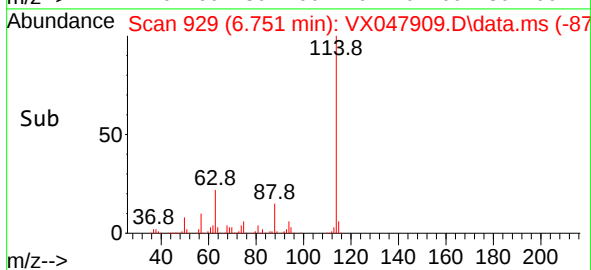
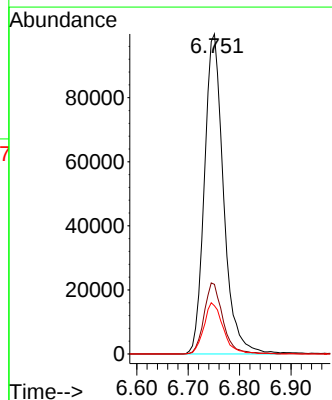
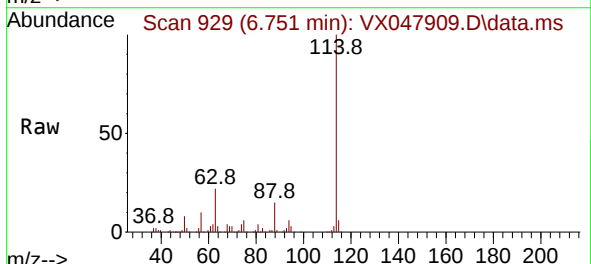
APPROVED

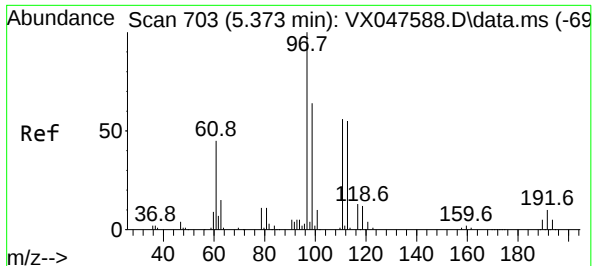
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047909.D
Acq: 30 Sep 2025 14:37

Tgt Ion:114 Resp: 258483
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.0
88 15.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 47.824 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047909.D

Acq: 30 Sep 2025 14:37

Instrument :

MSVOA_X

ClientSampleId :

RE137-20250922

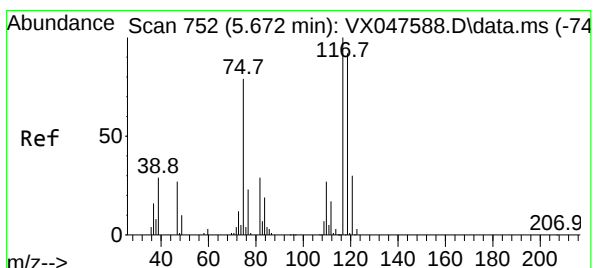
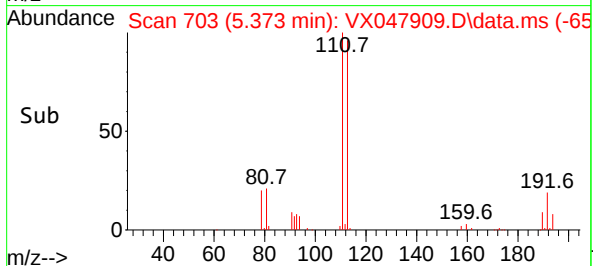
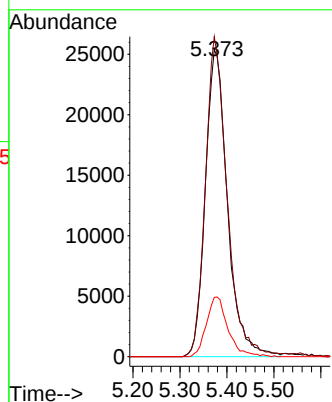
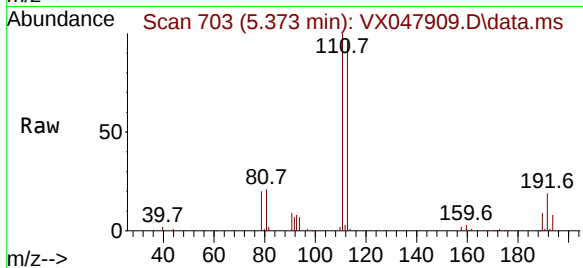
Tgt Ion:113	Resp:	82904
Ion Ratio	Lower	Upper
113	100	
111	102.6	80.9 121.3
192	19.0	14.2 21.4

Manual Integrations

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Supervised By :Mahesh Dadoda 10/03/2025



#38

Carbon Tetrachloride

Concen: 1.145 ug/l

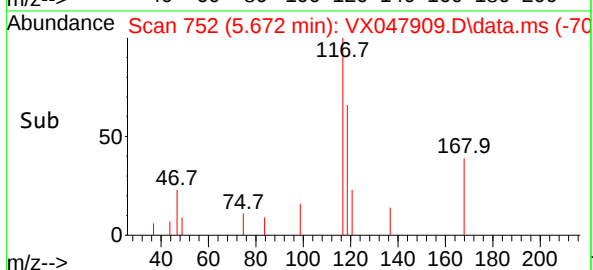
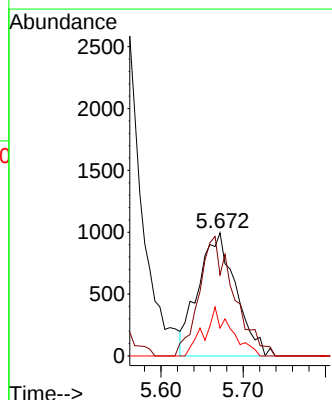
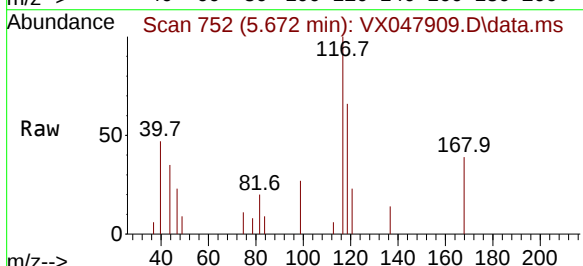
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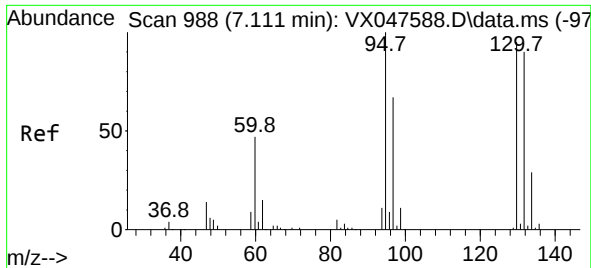
Delta R.T. -0.000 min

Lab File: VX047909.D

Acq: 30 Sep 2025 14:37

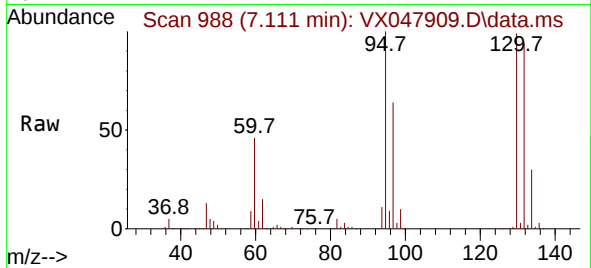
Tgt Ion:117	Resp:	3150
Ion Ratio	Lower	Upper
117	100	
119	65.9	73.4 110.2#
121	22.6	23.8 35.6#





#44
Trichloroethene
Concen: 618.351 ug/l
RT: 7.111 min Scan# 90
Delta R.T. -0.000 min
Lab File: VX047909.D
Acq: 30 Sep 2025 14:37

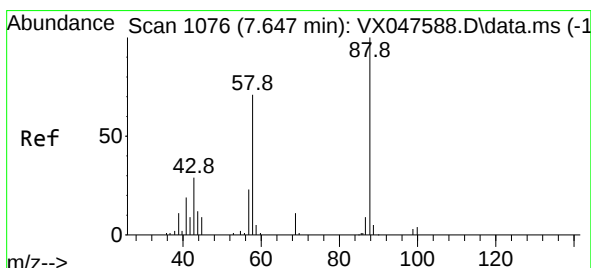
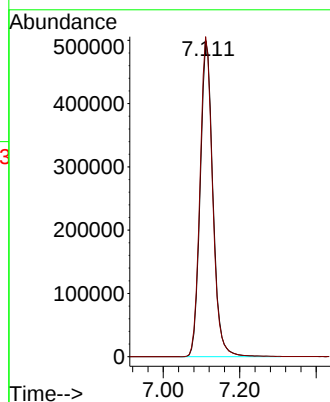
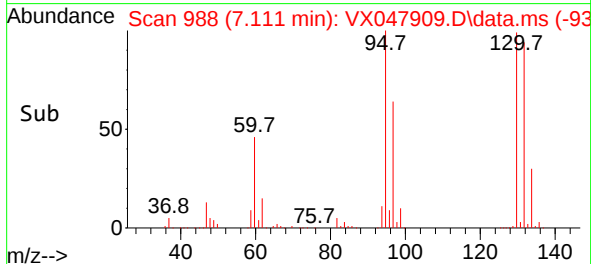
Instrument :
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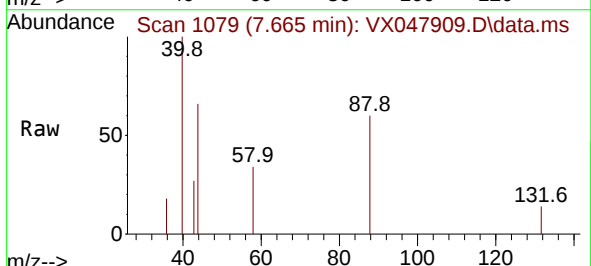
Tgt Ion:130 Resp: 1150159
Ion Ratio Lower Upper
130 100
95 101.2 0.0 210.8

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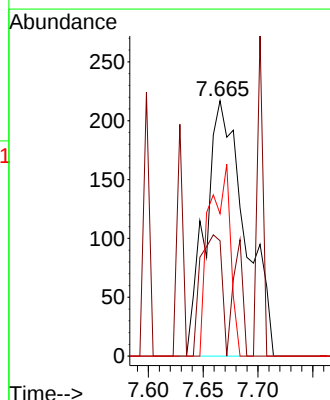
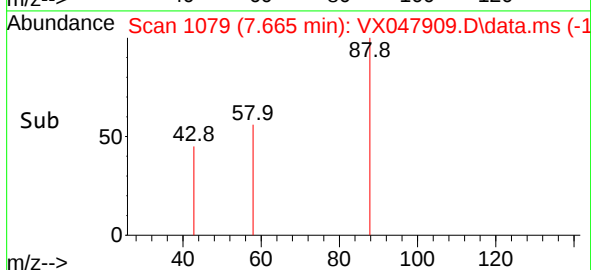
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

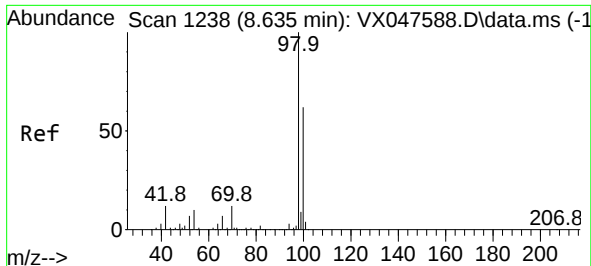


#49
1,4-Dioxane
Concen: 24.116 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.018 min
Lab File: VX047909.D
Acq: 30 Sep 2025 14:37



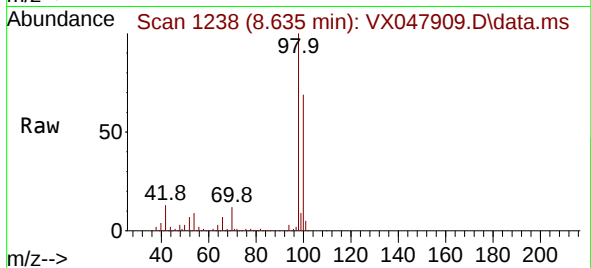
Tgt Ion: 88 Resp: 540
Ion Ratio Lower Upper
88 100
43 25.6 30.2 45.2#
58 40.2 59.5 89.3#





#50
Toluene-d8
Concen: 46.862 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047909.D
Acq: 30 Sep 2025 14:37

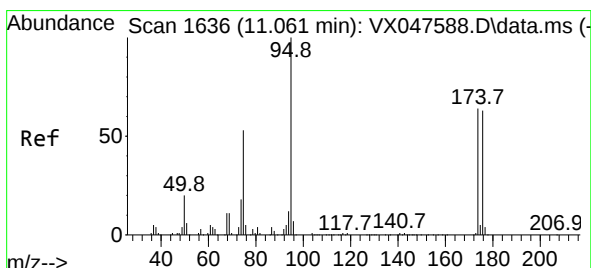
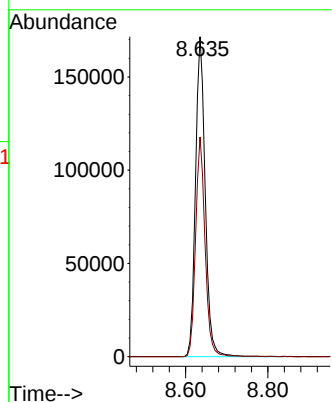
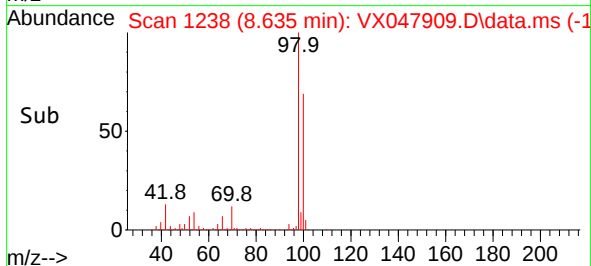
Instrument :
MSVOA_X
ClientSampleId :
RE137-20250922



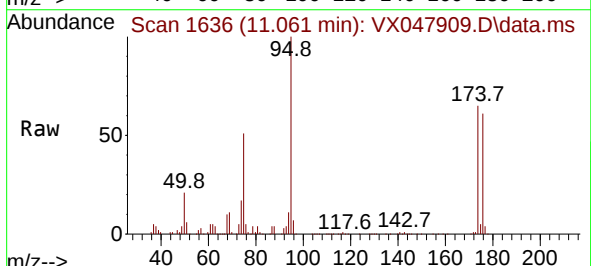
Tgt Ion: 98 Resp: 28109
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

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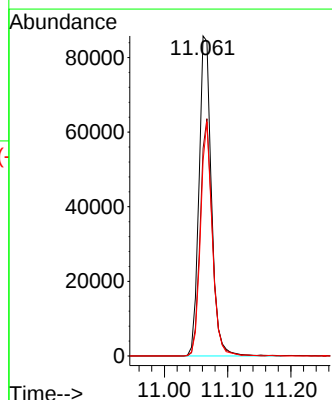
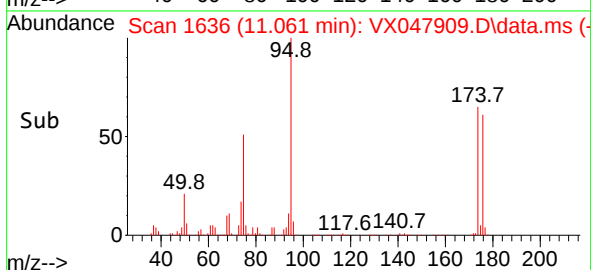
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

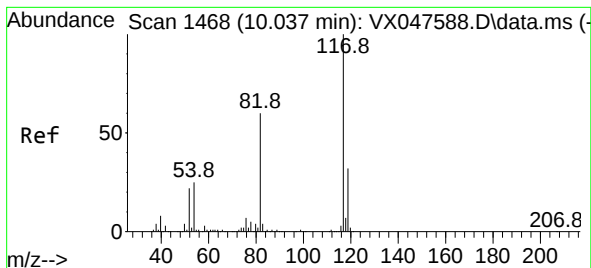


#62
4-Bromofluorobenzene
Concen: 51.436 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047909.D
Acq: 30 Sep 2025 14:37



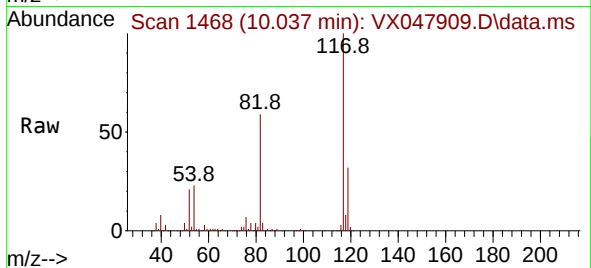
Tgt Ion: 95 Resp: 117094
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 69.4 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047909.D
Acq: 30 Sep 2025 14:37

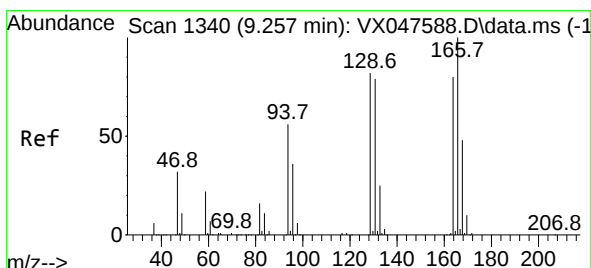
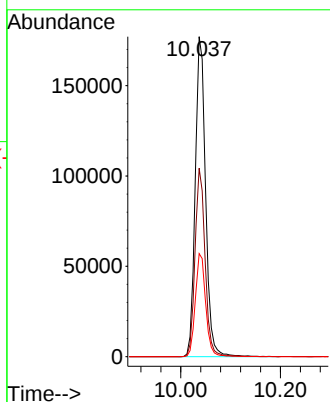
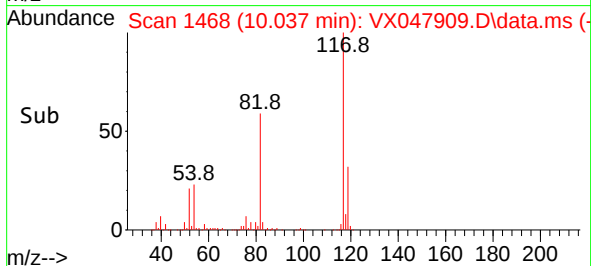
Instrument :
MSVOA_X
ClientSampleId :
RE137-20250922



Tgt Ion:117 Resp: 254800
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.6
119 32.2 25.2 37.8

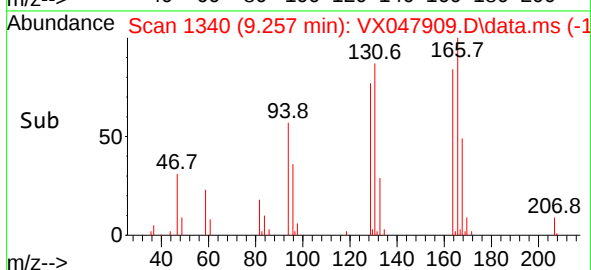
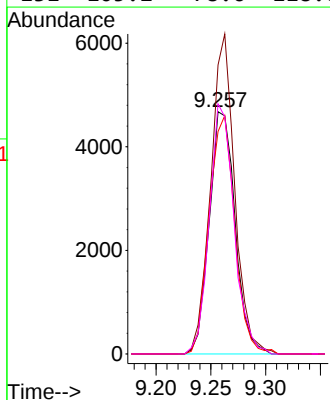
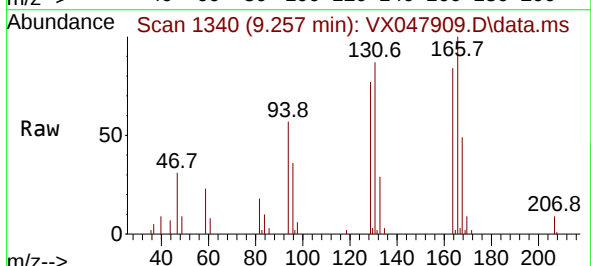
Manual Integrations
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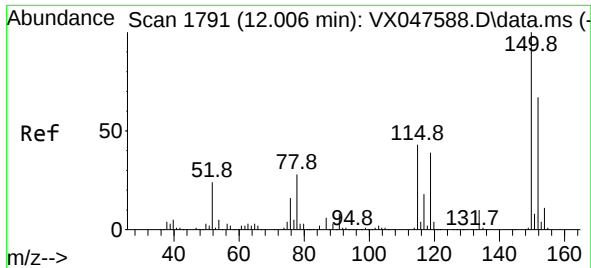
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#64
Tetrachloroethene
Concen: 4.615 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047909.D
Acq: 30 Sep 2025 14:37

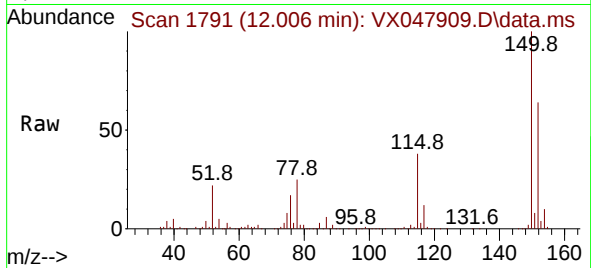
Tgt Ion:164 Resp: 7665
Ion Ratio Lower Upper
164 100
166 119.2 100.2 150.2
129 91.8 81.8 122.6
131 105.2 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047909.D
 Acq: 30 Sep 2025 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20250922



Tgt Ion:152 Resp: 124454
 Ion Ratio Lower Upper
 152 100
 115 62.1 44.9 134.5
 150 156.7 0.0 352.0

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

