

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044937.D
 Acq On : 12 Feb 2025 16:44
 Operator : JC/MD
 Sample : Q1355-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW1

Quant Time: Feb 13 00:51:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/14/2025
 Supervised By : Mahesh Dadoda 02/14/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	83265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	169774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	156232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67943	55.744	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.480%			
35) Dibromofluoromethane	5.379	113	55596	50.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	8.647	98	209257	50.134	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.260%			
62) 4-Bromofluorobenzene	11.079	95	76420	54.309	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.620%			
Target Compounds						
16) Acetone	2.380	43	2678	5.465	ug/l	91
65) Chlorobenzene	10.073	112	5587	1.665	ug/l	95
83) tert-Butylbenzene	11.713	119	2786	0.623	ug/l	93
85) sec-Butylbenzene	11.890	105	3127	0.565	ug/l	94
89) n-Butylbenzene	12.335	91	999m	0.254	ug/l	
95) Naphthalene	13.774	128	231414	47.401	ug/l	100

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

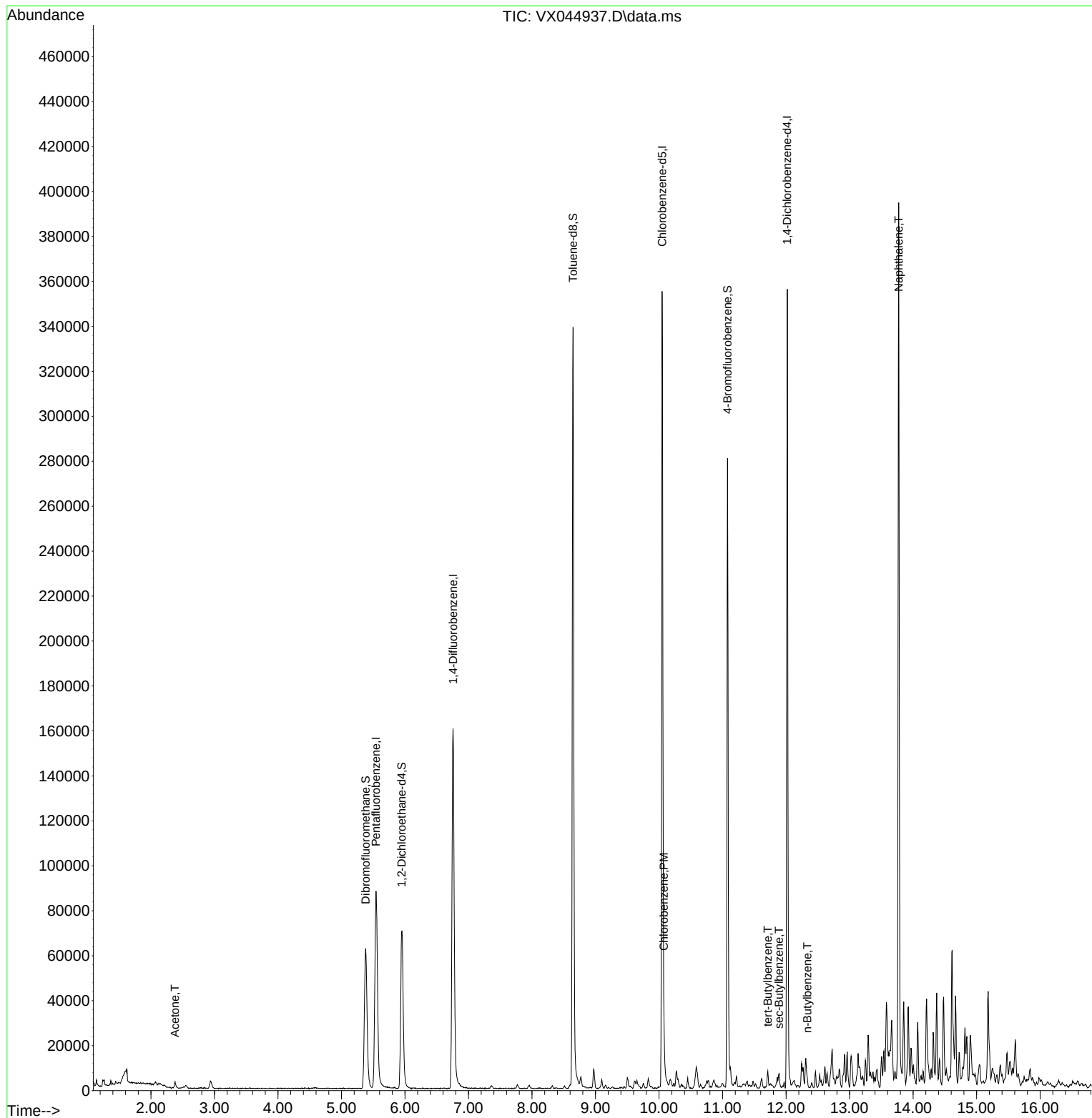
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
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Operator : JC/MD
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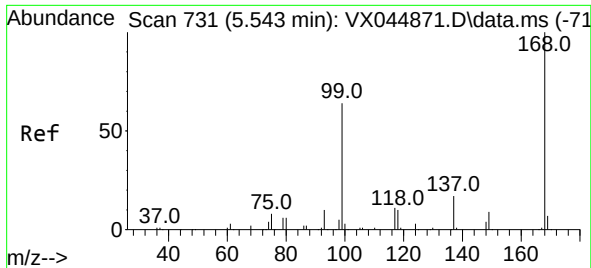
Instrument :
MSVOA_X
ClientSampleId :
RW1

Quant Time: Feb 13 00:51:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

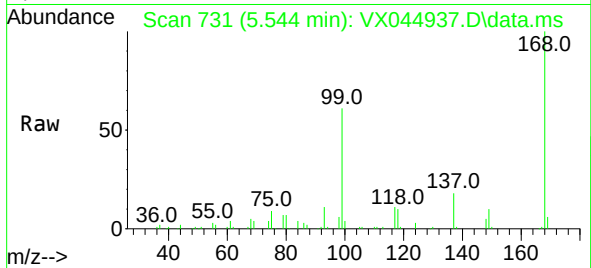
Reviewed By : John Carlone 02/14/2025
Supervised By : Mahesh Dadoda 02/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

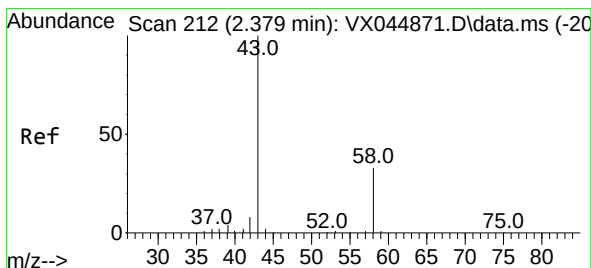
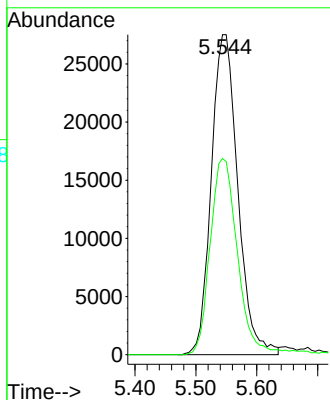
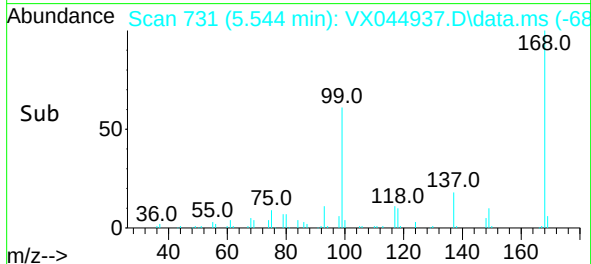
Instrument :
MSVOA_X
ClientSampleId :
RW1



Tgt Ion:168 Resp: 8326
Ion Ratio Lower Upper
168 100
99 61.3 51.2 76.8

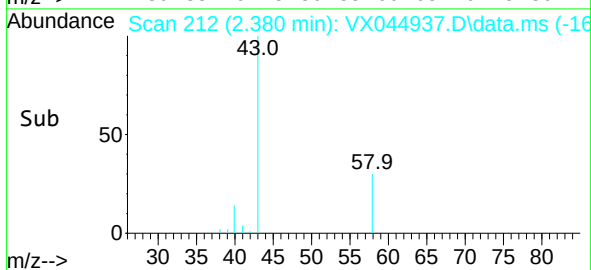
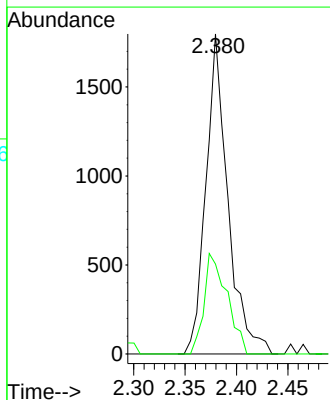
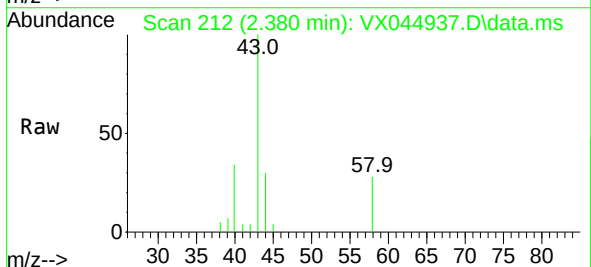
Manual Integrations
APPROVED

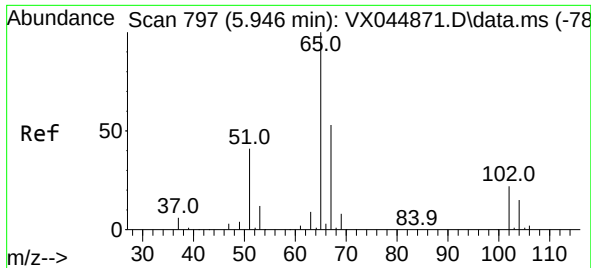
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#16
Acetone
Concen: 5.465 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

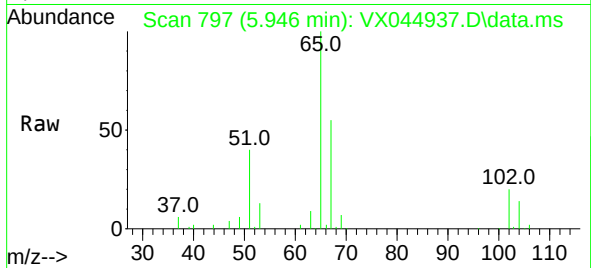
Tgt Ion: 43 Resp: 2678
Ion Ratio Lower Upper
43 100
58 28.1 26.5 39.7





#33
 1,2-Dichloroethane-d4
 Concen: 55.744 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: VX044937.D
 Acq: 12 Feb 2025 16:44

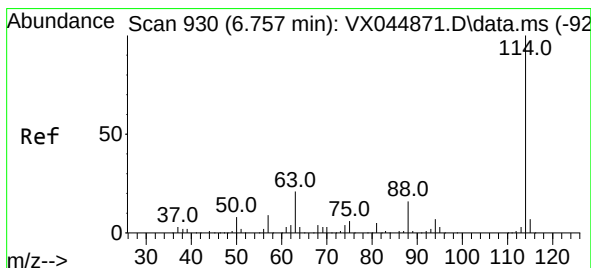
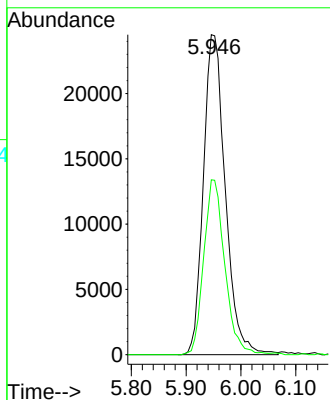
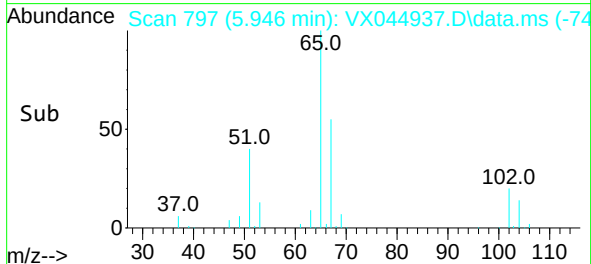
Instrument :
 MSVOA_X
 ClientSampleId :
 RW1



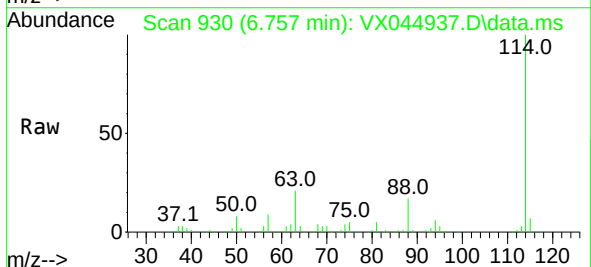
Tgt Ion: 65 Resp: 6794
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 108.2

Manual Integrations
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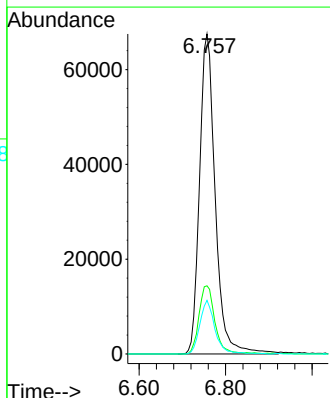
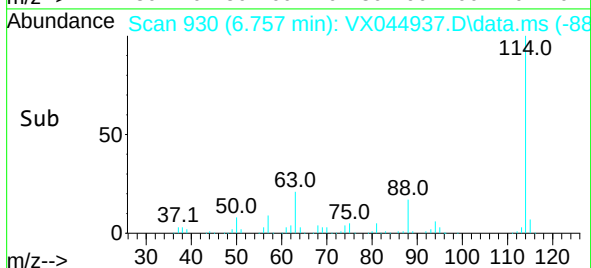
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

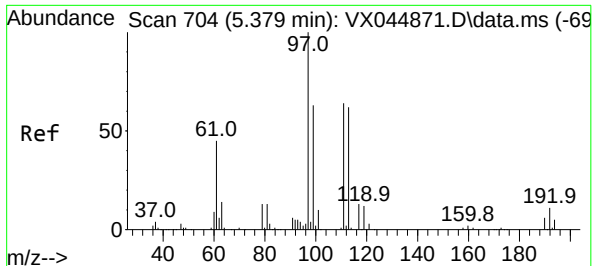


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044937.D
 Acq: 12 Feb 2025 16:44



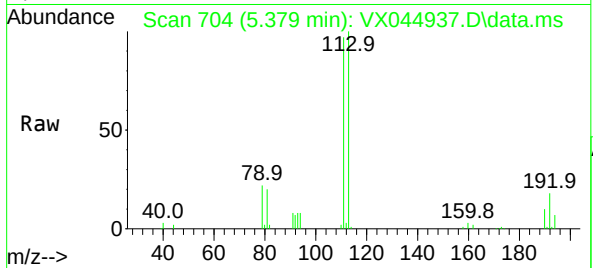
Tgt Ion:114 Resp: 169774
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 16.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 50.367 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

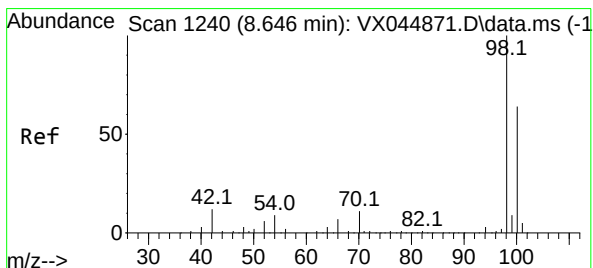
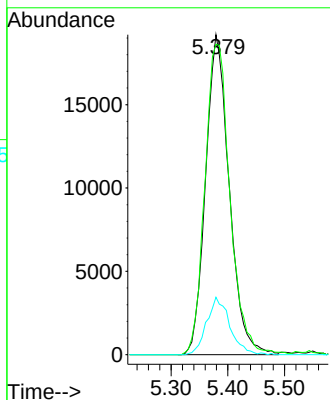
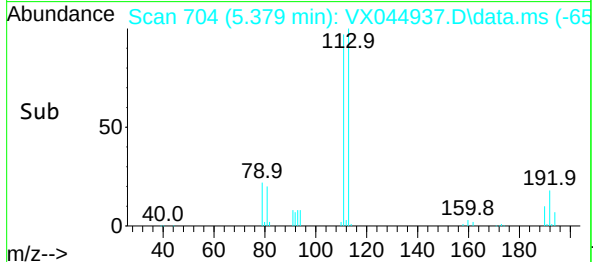
Instrument :
MSVOA_X
ClientSampleId :
RW1



Tgt Ion:113 Resp: 55590
Ion Ratio Lower Upper
113 100
111 103.2 83.5 125.3
192 17.6 14.4 21.6

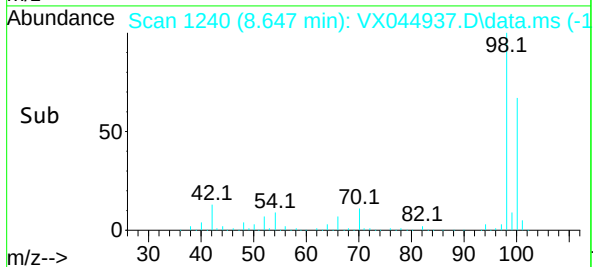
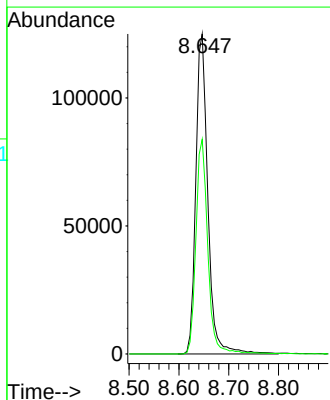
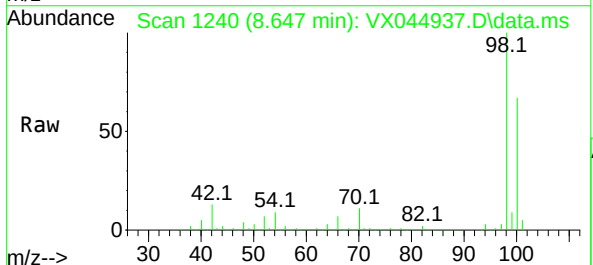
Manual Integrations
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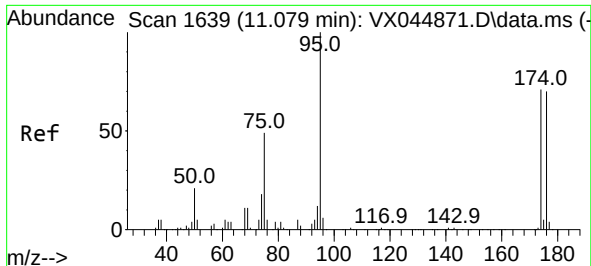
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#50
Toluene-d8
Concen: 50.134 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

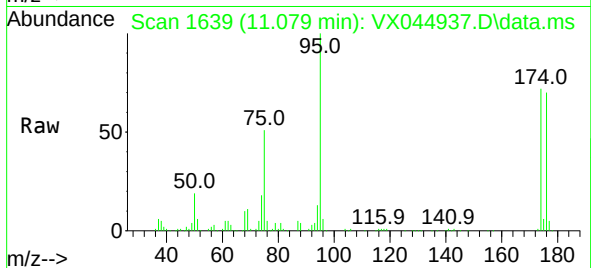
Tgt Ion: 98 Resp: 209257
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1





#62
4-Bromofluorobenzene
Concen: 54.309 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

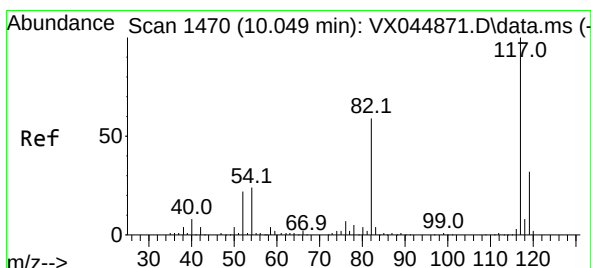
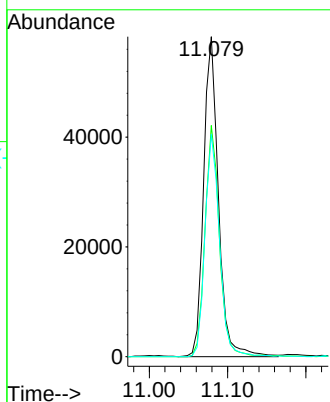
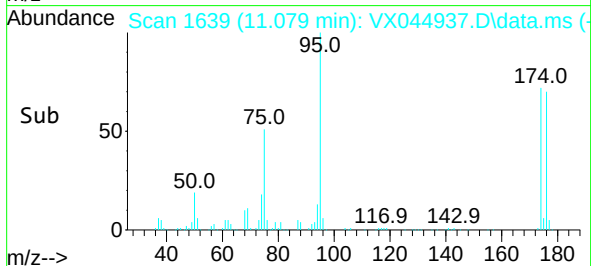
Instrument :
MSVOA_X
ClientSampleId :
RW1



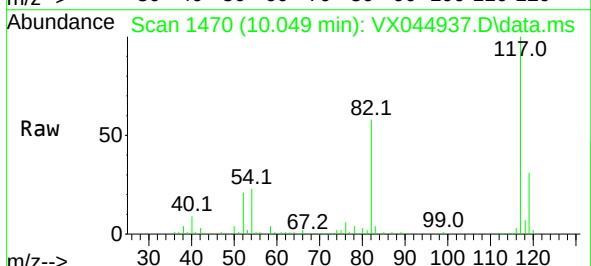
Tgt Ion: 95 Resp: 76420
Ion Ratio Lower Upper
95 100
174 70.5 0.0 142.6
176 68.6 0.0 141.6

Manual Integrations
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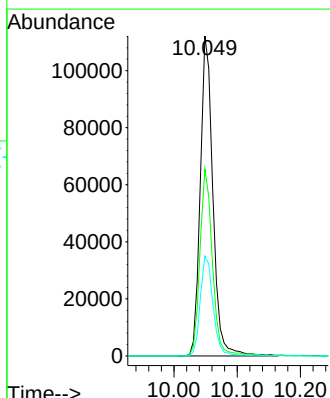
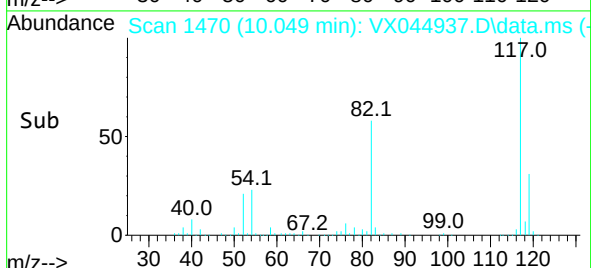
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

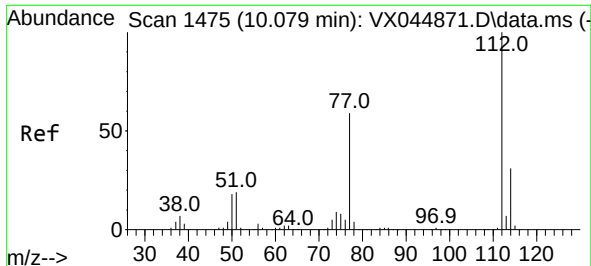


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44



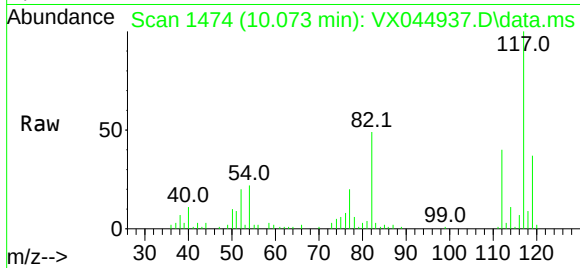
Tgt Ion:117 Resp: 156232
Ion Ratio Lower Upper
117 100
82 58.4 47.5 71.3
119 31.3 25.4 38.0





#65
Chlorobenzene
Concen: 1.665 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

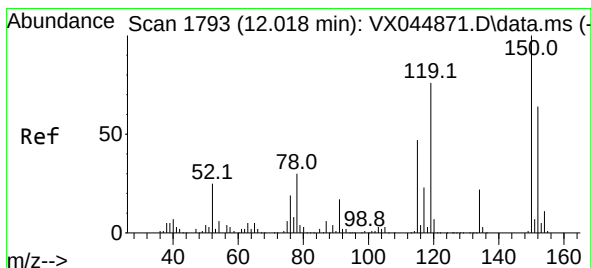
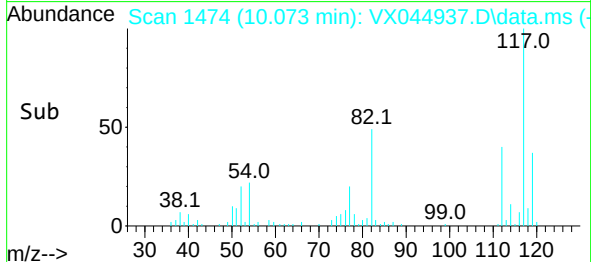
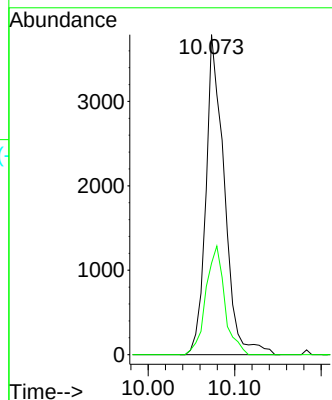
Instrument :
MSVOA_X
ClientSampleId :
RW1



Tgt Ion:112 Resp: 558
Ion Ratio Lower Upper
112 100
114 28.6 25.0 37.6

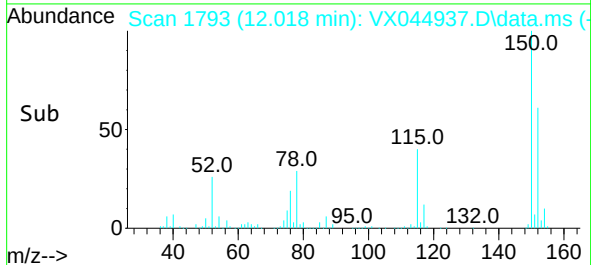
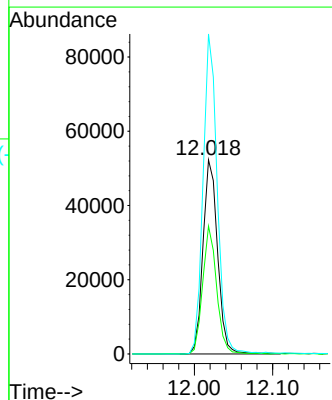
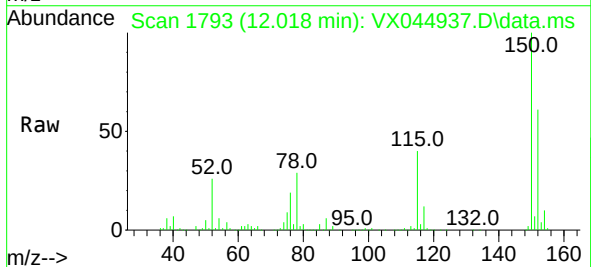
Manual Integrations
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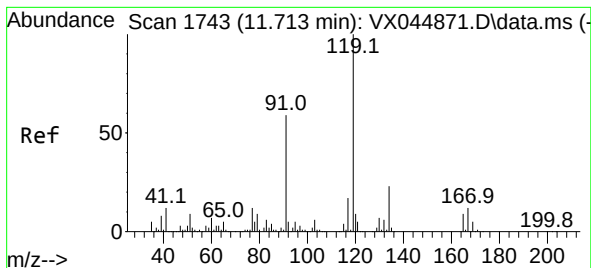
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

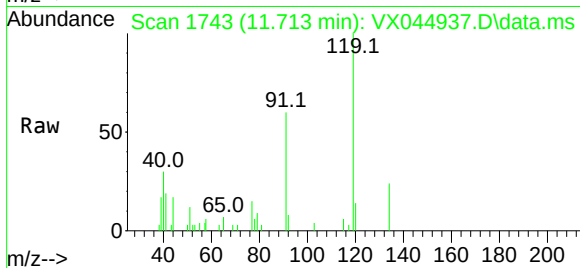
Tgt Ion:152 Resp: 67649
Ion Ratio Lower Upper
152 100
115 63.1 43.4 130.1
150 159.9 0.0 350.4





#83
tert-Butylbenzene
Concen: 0.623 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

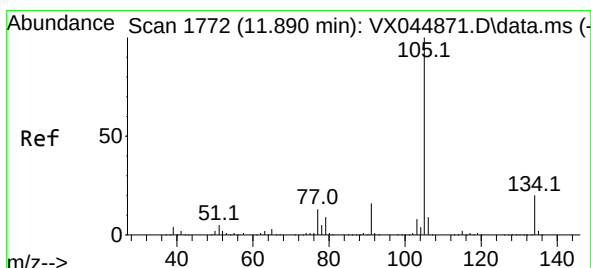
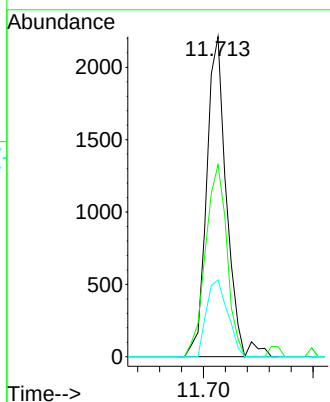
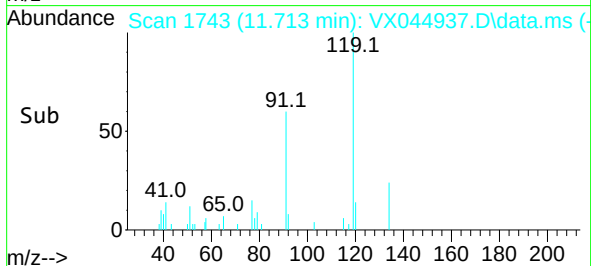
Instrument :
MSVOA_X
ClientSampleId :
RW1



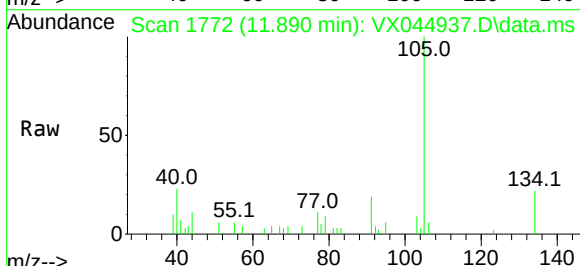
Tgt Ion:119 Resp: 2780
Ion Ratio Lower Upper
119 100
91 64.5 29.1 87.4
134 25.4 11.5 34.5

Manual Integrations
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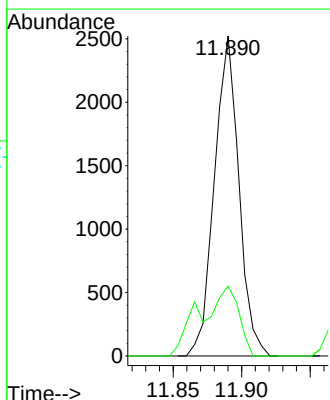
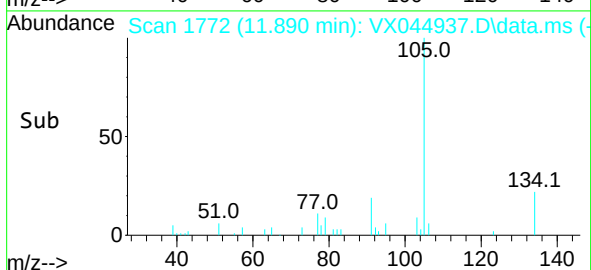
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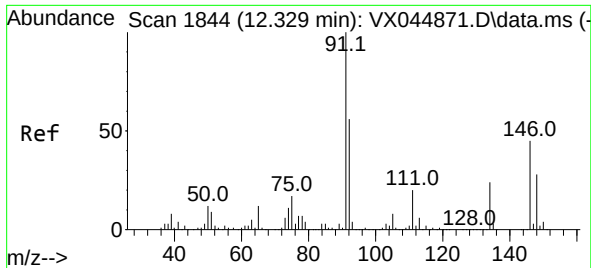


#85
sec-Butylbenzene
Concen: 0.565 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44



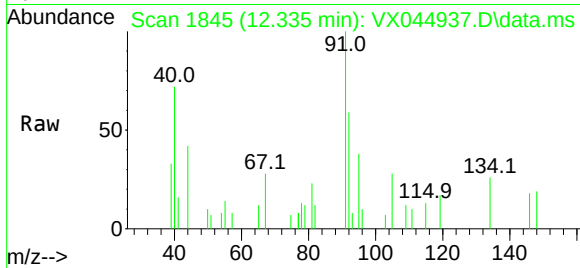
Tgt Ion:105 Resp: 3127
Ion Ratio Lower Upper
105 100
134 22.3 9.8 29.3





#89
n-Butylbenzene
Concen: 0.254 ug/l m
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

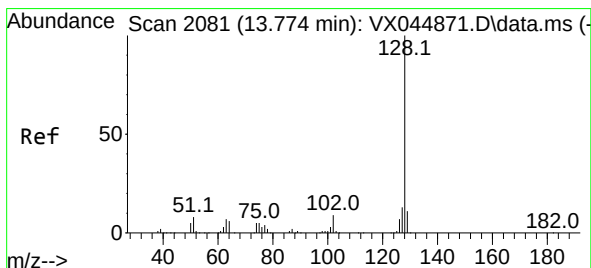
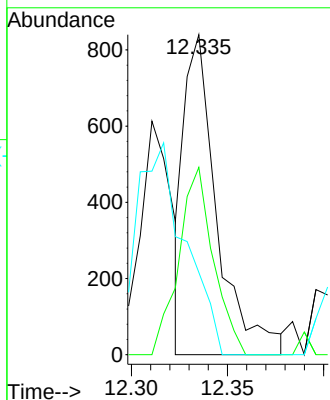
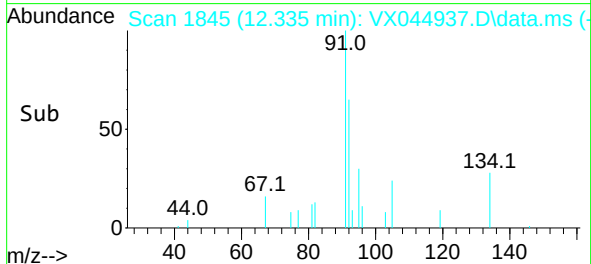
Instrument :
MSVOA_X
ClientSampleId :
RW1



Tgt Ion: 91 Resp: 999
Ion Ratio Lower Upper
91 100
92 61.7 27.2 81.6
134 96.6 12.1 36.3

Manual Integrations
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Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#95
Naphthalene
Concen: 47.401 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:128 Resp: 231414
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.2 8.9 13.3

