

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047903.D
 Acq On : 30 Sep 2025 12:30
 Operator : JC/MD
 Sample : Q3156-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20250918

Manual Integrations
 APPROVED

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

Quant Time: Oct 01 01:08:01 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	125275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	259422	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	266390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	102146	51.225	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.460%			
35) Dibromofluoromethane	5.373	113	85252	49.000	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.000%			
50) Toluene-d8	8.635	98	292362	48.564	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.120%			
62) 4-Bromofluorobenzene	11.067	95	123949	54.250	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.500%			
Target Compounds						
16) Acetone	2.374	43	12160	14.025	ug/l	93
29) Tetrahydrofuran	5.001	42	3794m	5.831	ug/l	

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

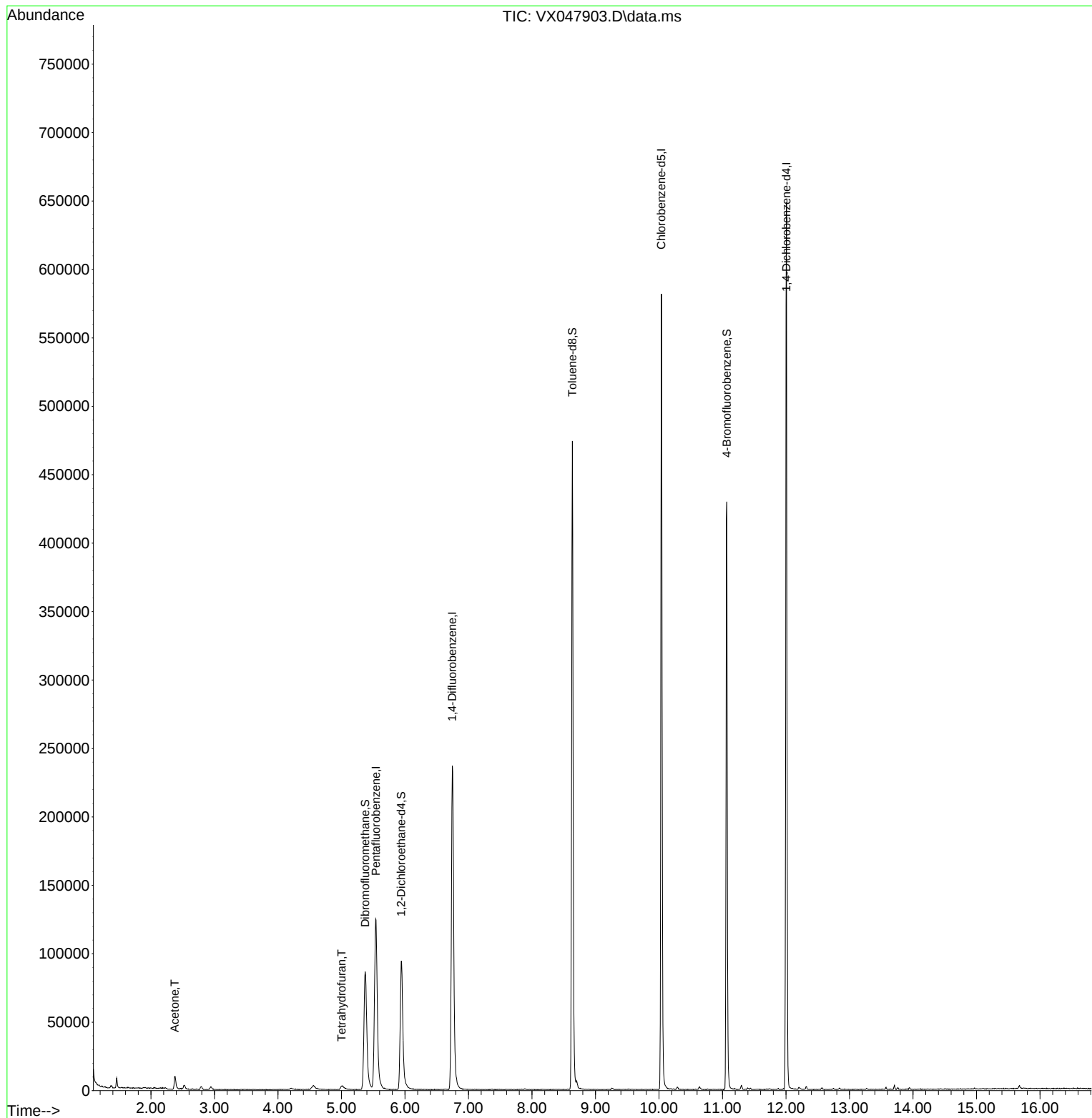
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
Data File : VX047903.D
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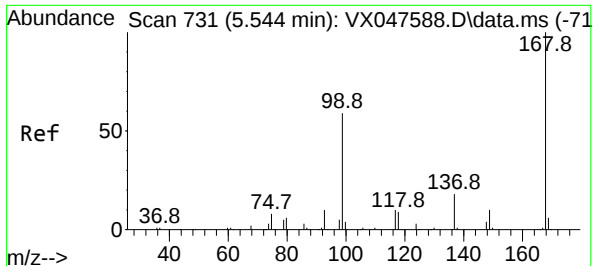
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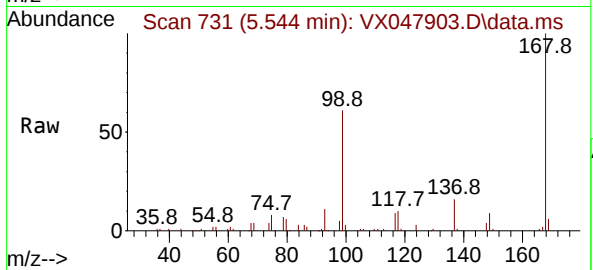
Quant Time: Oct 01 01:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047903.D
Acq: 30 Sep 2025 12:30

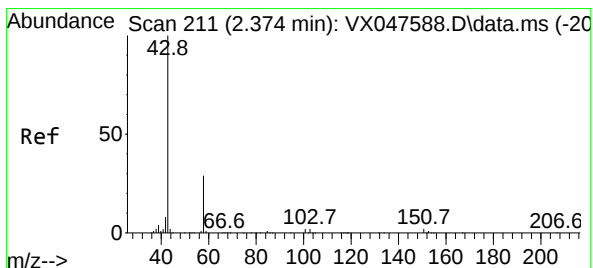
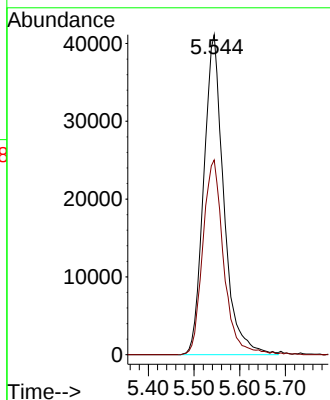
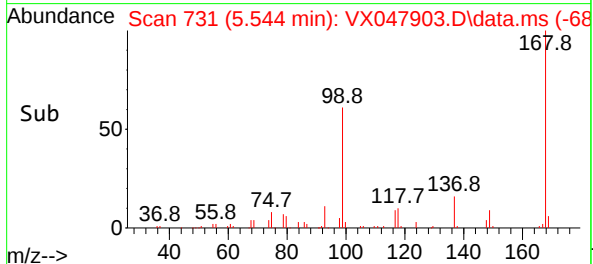
Instrument :
MSVOA_X
ClientSampleId :
EB02-20250918



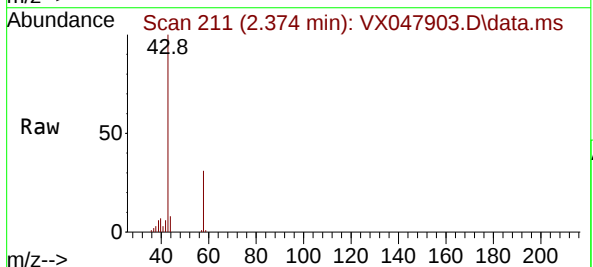
Tgt Ion:168 Resp: 12527
Ion Ratio Lower Upper
168 100
99 60.9 48.8 73.2

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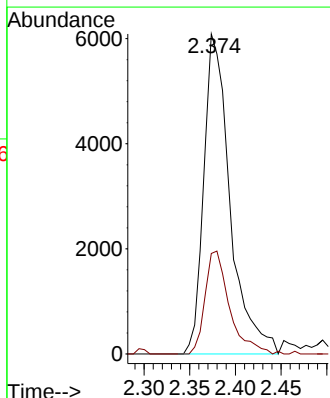
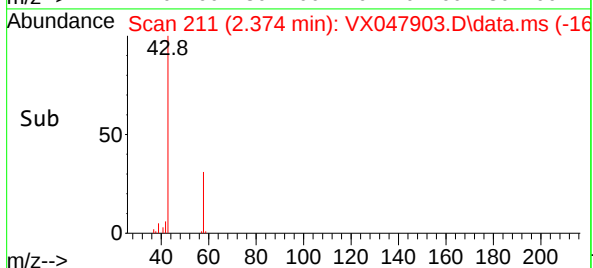
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

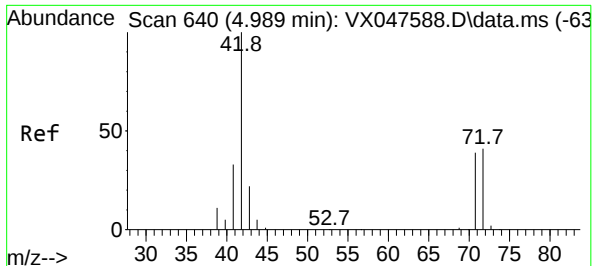


#16
Acetone
Concen: 14.025 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047903.D
Acq: 30 Sep 2025 12:30



Tgt Ion: 43 Resp: 12160
Ion Ratio Lower Upper
43 100
58 32.7 23.4 35.0





#29

Tetrahydrofuran

Concen: 5.831 ug/l m

RT: 5.001 min Scan# 640

Delta R.T. 0.012 min

Lab File: VX047903.D

Acq: 30 Sep 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

EB02-20250918

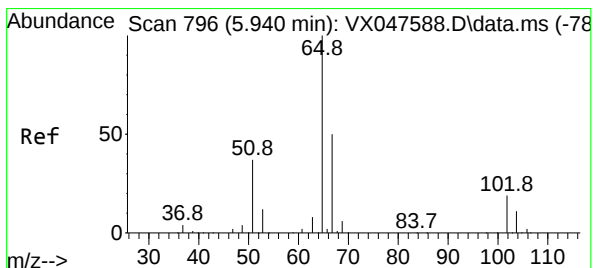
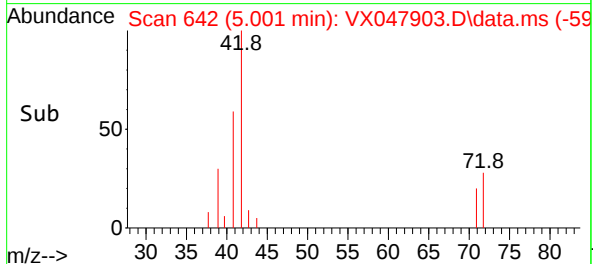
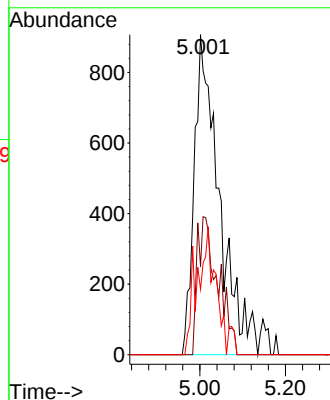
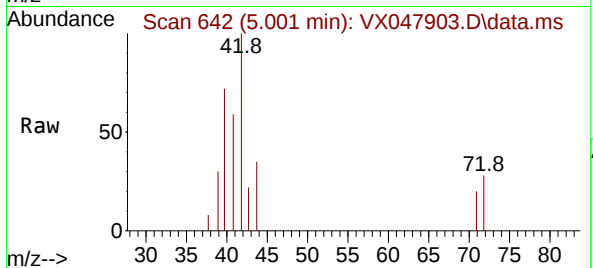
Tgt Ion:	42	Resp:	3794
Ion	Ratio	Lower	Upper
42	100		
72	34.1	34.2	51.2
71	18.6	31.9	47.9

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#33

1,2-Dichloroethane-d4

Concen: 51.225 ug/l

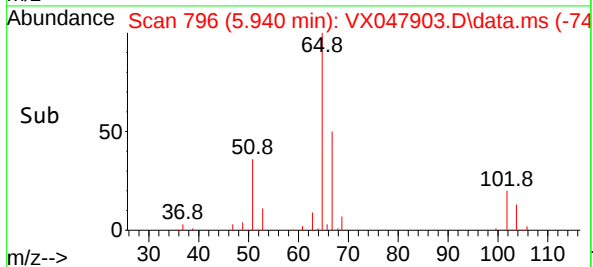
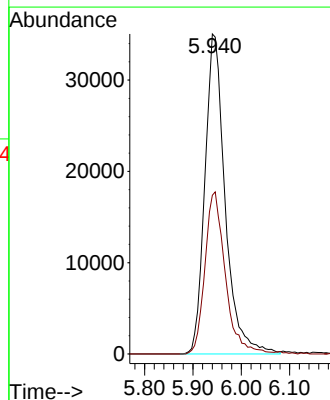
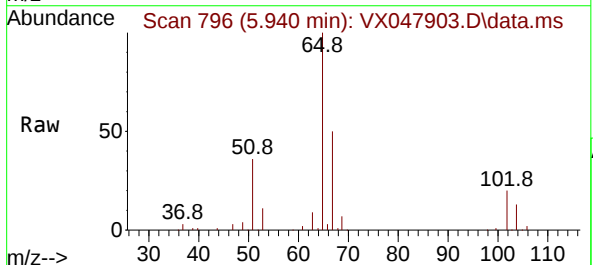
RT: 5.940 min Scan# 796

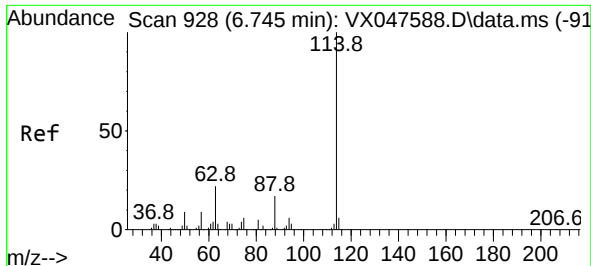
Delta R.T. 0.000 min

Lab File: VX047903.D

Acq: 30 Sep 2025 12:30

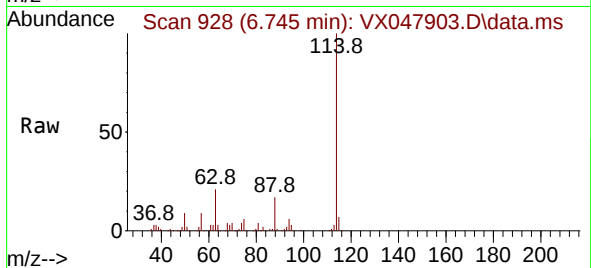
Tgt Ion:	65	Resp:	102146
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047903.D
Acq: 30 Sep 2025 12:30

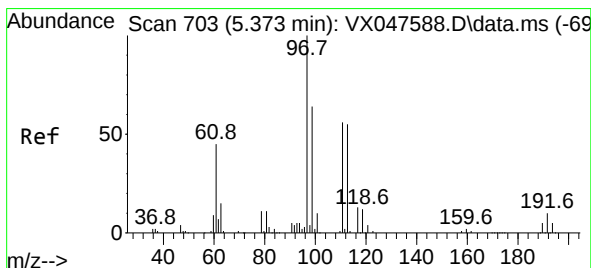
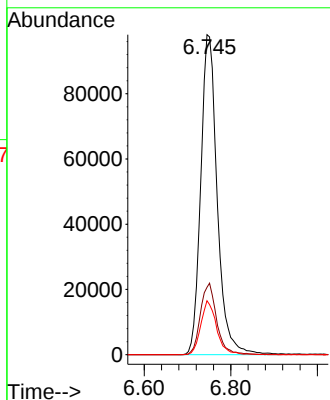
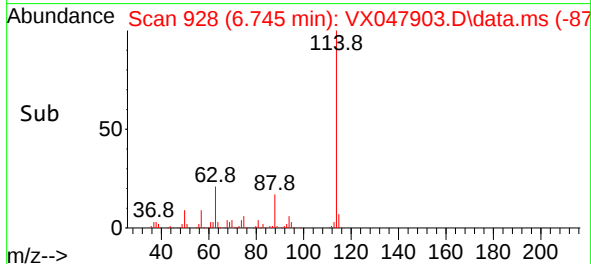
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:114 Resp: 25942
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.0
88 16.9 0.0 34.2

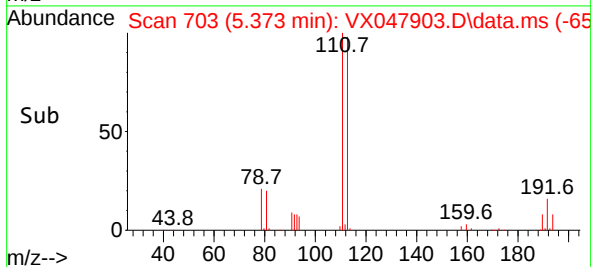
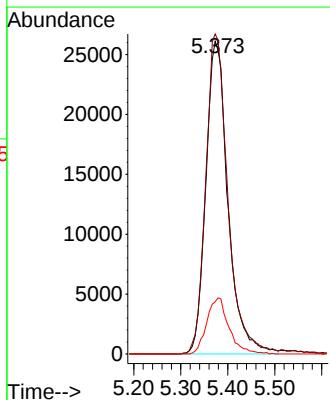
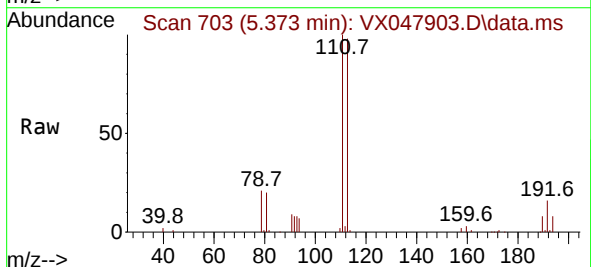
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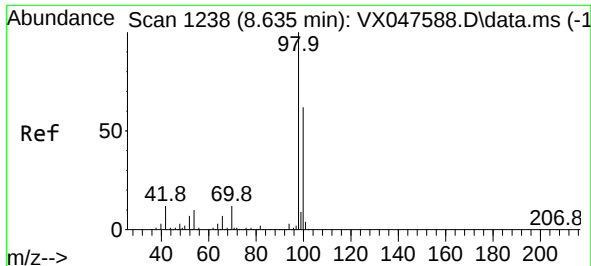
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#35
Dibromofluoromethane
Concen: 49.000 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047903.D
Acq: 30 Sep 2025 12:30

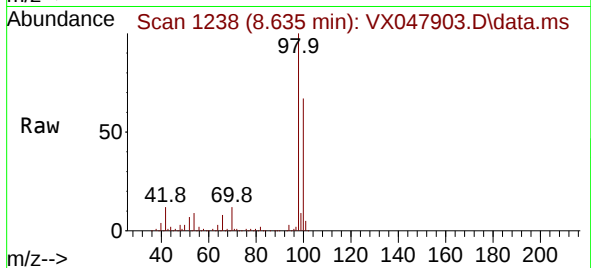
Tgt Ion:113 Resp: 85252
Ion Ratio Lower Upper
113 100
111 102.5 80.9 121.3
192 18.0 14.2 21.4





#50
Toluene-d8
Concen: 48.564 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047903.D
Acq: 30 Sep 2025 12:30

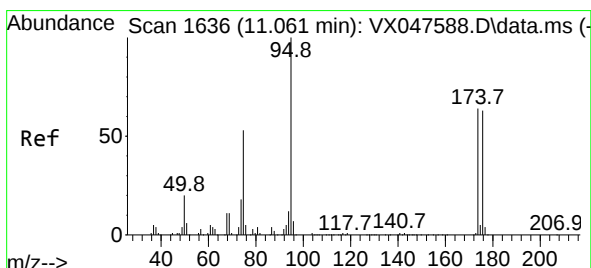
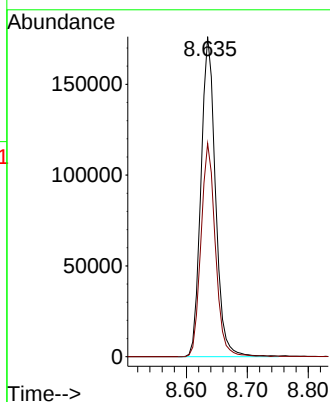
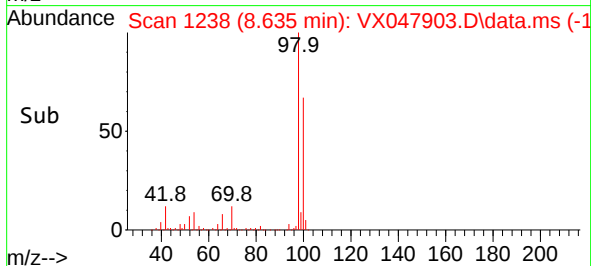
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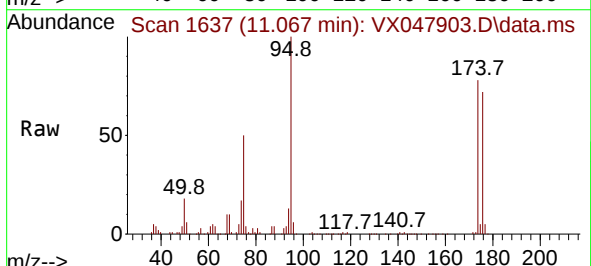
Tgt Ion: 98 Resp: 292362
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4

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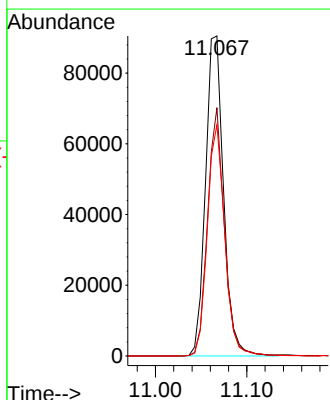
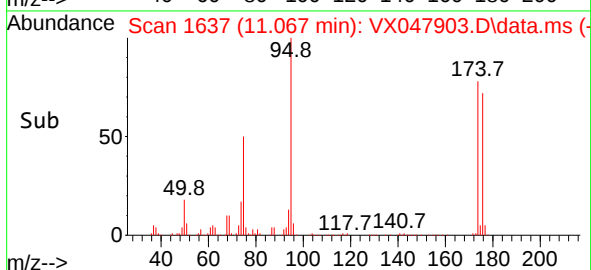
Reviewed By :John Carlone 10/01/2025
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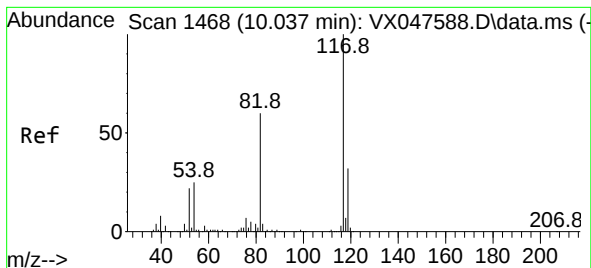


#62
4-Bromofluorobenzene
Concen: 54.250 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047903.D
Acq: 30 Sep 2025 12:30



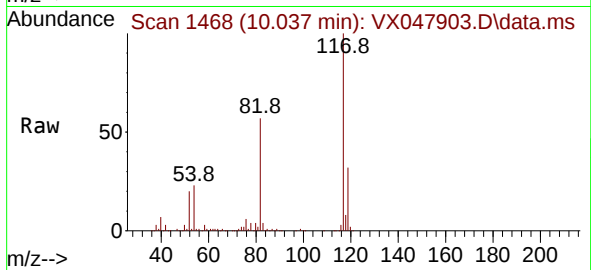
Tgt Ion: 95 Resp: 123949
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.6
176 69.8 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047903.D
Acq: 30 Sep 2025 12:30

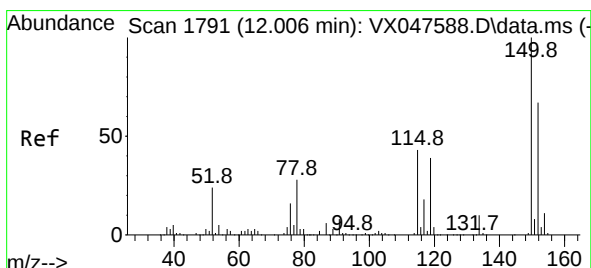
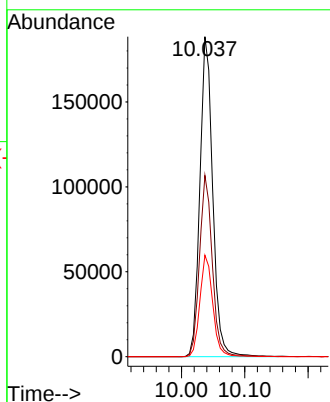
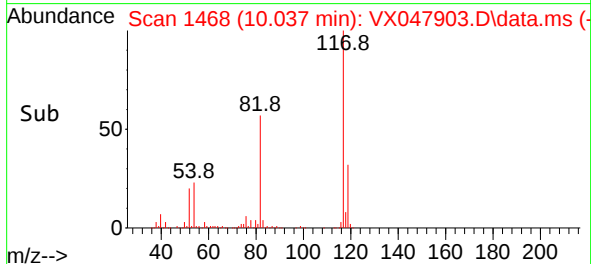
Instrument :
MSVOA_X
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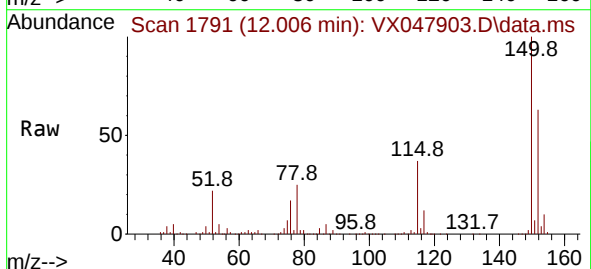
Tgt Ion:117 Resp: 266390
Ion Ratio Lower Upper
117 100
82 56.6 47.8 71.6
119 31.7 25.2 37.8

Manual Integrations
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Supervised By :Mahesh Dadoda 10/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047903.D
Acq: 30 Sep 2025 12:30



Tgt Ion:152 Resp: 130961
Ion Ratio Lower Upper
152 100
115 62.3 44.9 134.5
150 160.0 0.0 352.0

