

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047703.D
 Acq On : 22 Sep 2025 14:48
 Operator : JC/MD
 Sample : Q3133-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 361

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2025
 Supervised By : Mahesh Dadoda 09/24/2025

Quant Time: Sep 23 01:35:29 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	168908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	366094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	361779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	183624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	148331	55.171	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.340%			
35) Dibromofluoromethane	5.379	113	120708	49.164	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.320%			
50) Toluene-d8	8.635	98	412932	48.606	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.220%			
62) 4-Bromofluorobenzene	11.061	95	179190	55.576	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.160%			
Target Compounds					Qvalue	
16) Acetone	2.373	43	114794	98.198	ug/l	99
18) Methyl Acetate	2.703	43	11056m	4.250	ug/l	
20) Methylene Chloride	2.788	84	23447	9.476	ug/l	94
25) 2-Butanone	4.556	43	11061m	7.585	ug/l	
37) Ethyl Acetate	4.715	43	6596	1.717	ug/l #	84
43) Isopropyl Acetate	6.324	43	13361	2.121	ug/l	99

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

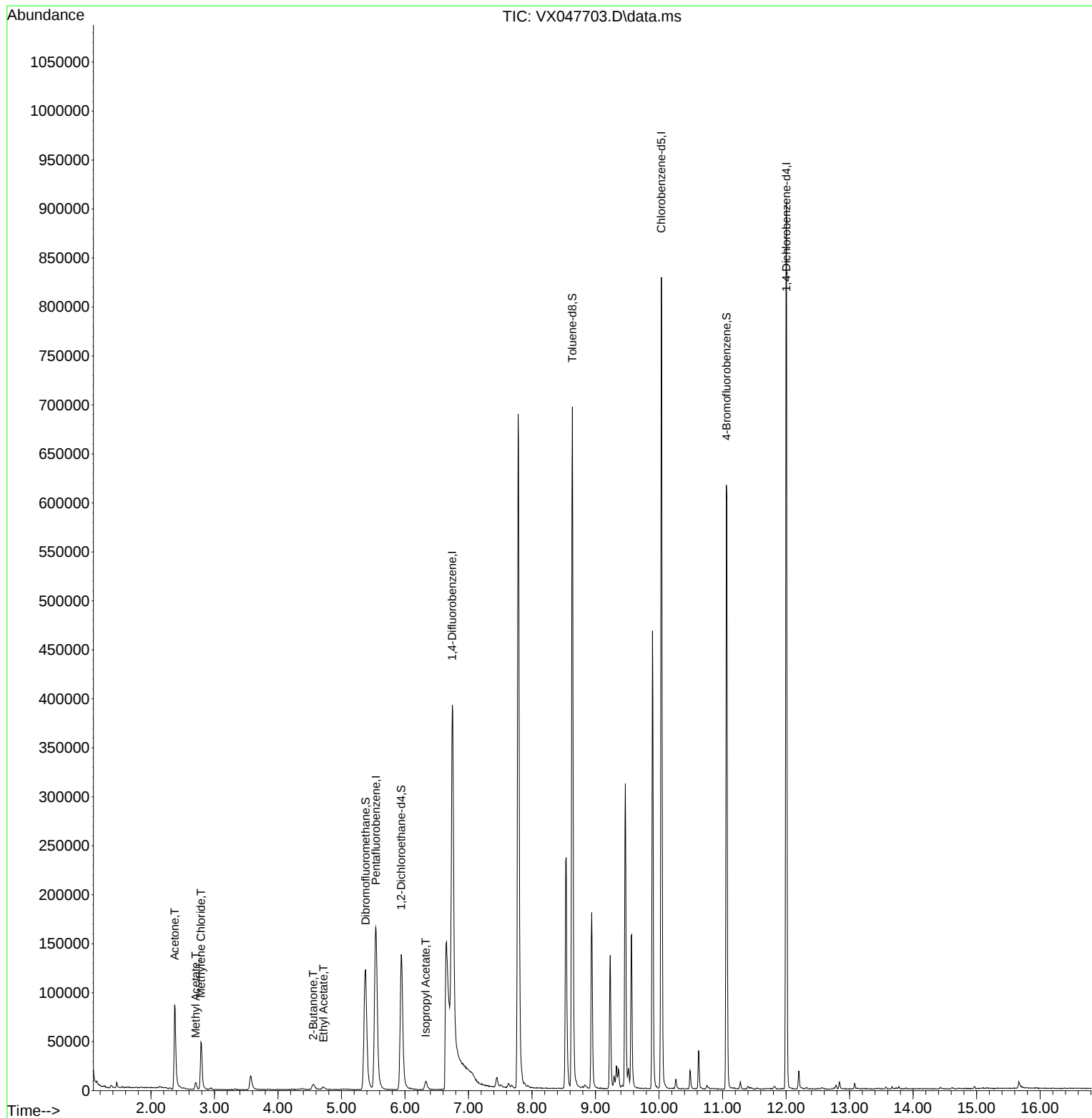
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
Data File : VX047703.D
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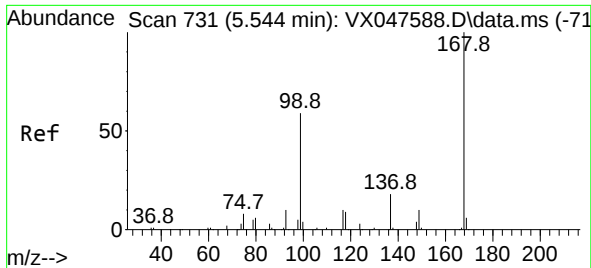
Instrument :
MSVOA_X
ClientSampleId :
361

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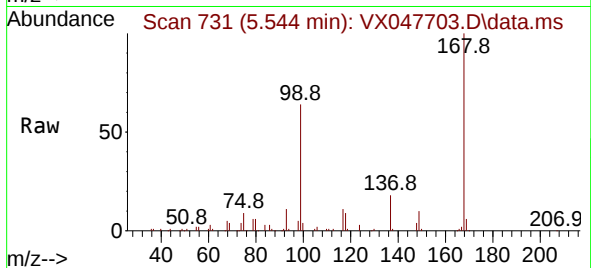
Quant Time: Sep 23 01:35:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047703.D
Acq: 22 Sep 2025 14:48

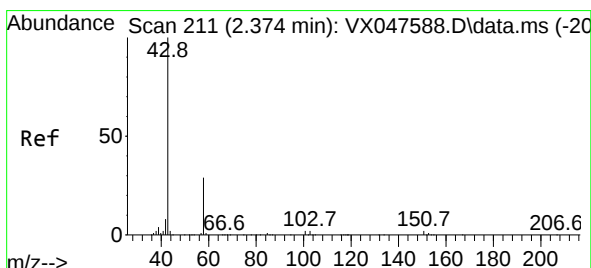
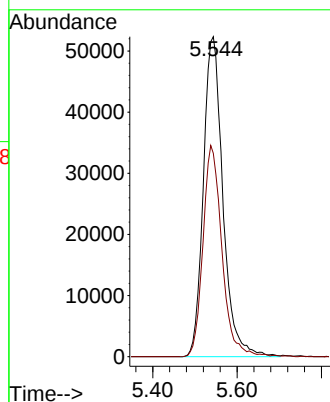
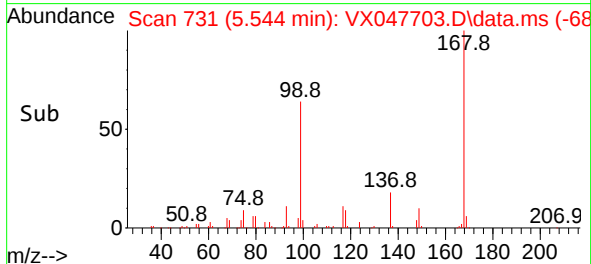
Instrument :
MSVOA_X
ClientSampleId :
361



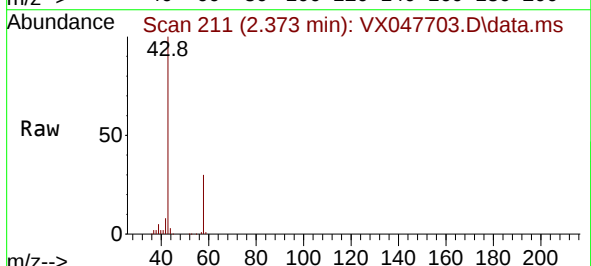
Tgt Ion:168 Resp: 168908
Ion Ratio Lower Upper
168 100
99 63.5 48.8 73.2

Manual Integrations
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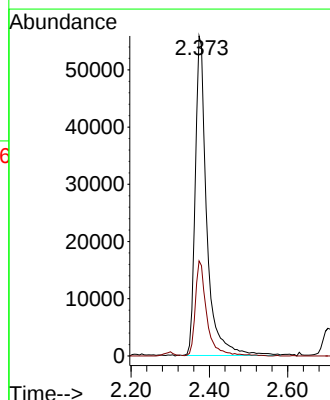
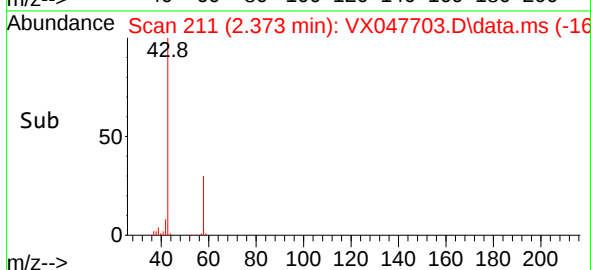
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

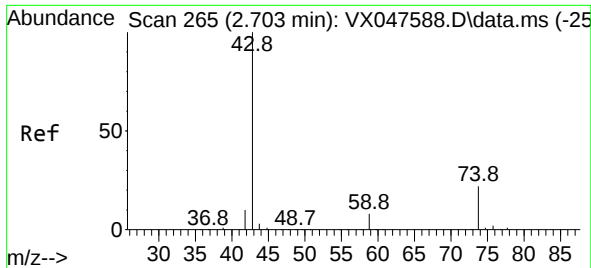


#16
Acetone
Concen: 98.198 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047703.D
Acq: 22 Sep 2025 14:48



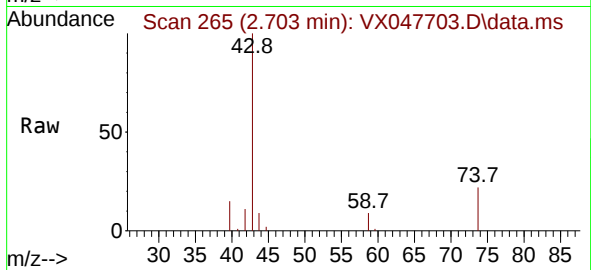
Tgt Ion: 43 Resp: 114794
Ion Ratio Lower Upper
43 100
58 29.8 23.4 35.0





#18
Methyl Acetate
Concen: 4.250 ug/l m
RT: 2.703 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047703.D
Acq: 22 Sep 2025 14:48

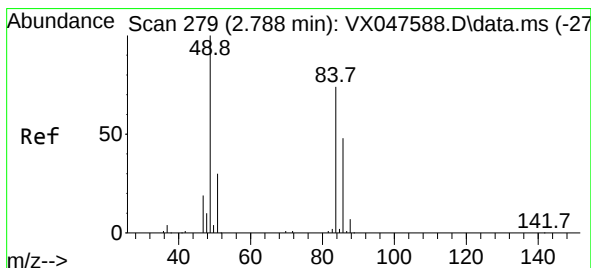
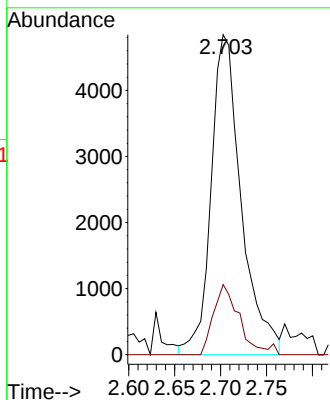
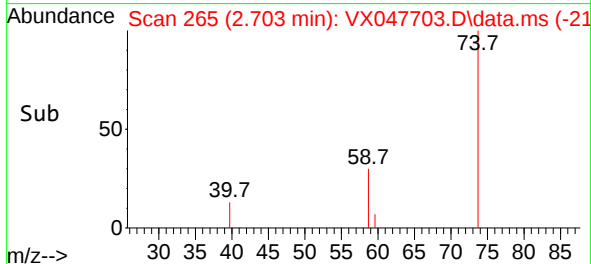
Instrument :
MSVOA_X
ClientSampleId :
361



Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
74 18.9 17.4 26.2

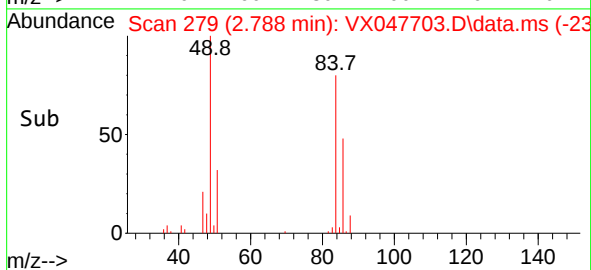
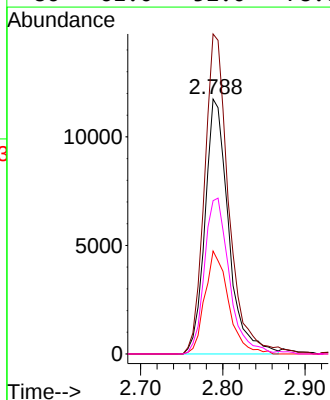
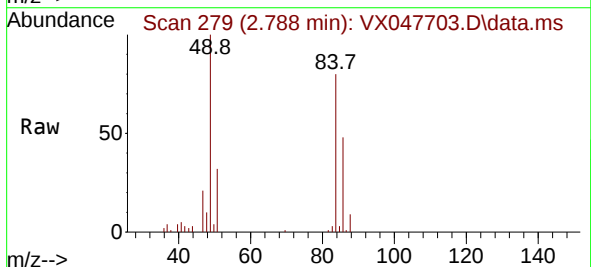
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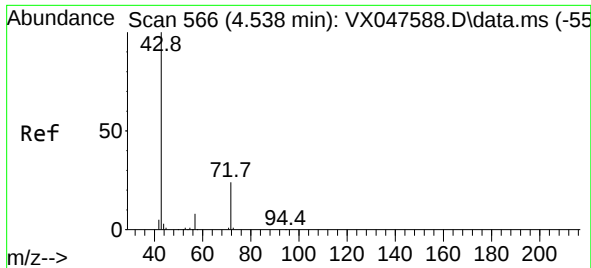
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#20
Methylene Chloride
Concen: 9.476 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047703.D
Acq: 22 Sep 2025 14:48

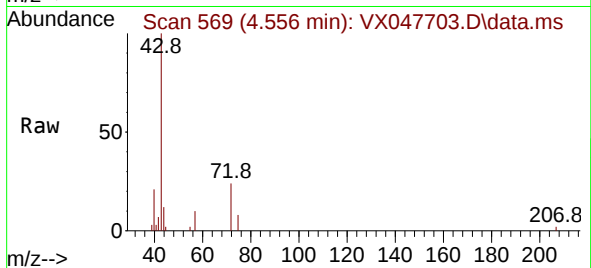
Tgt Ion: 84 Resp: 23447
Ion Ratio Lower Upper
84 100
49 125.6 108.6 162.8
51 40.4 32.6 48.8
86 61.0 52.0 78.0





#25
2-Butanone
Concen: 7.585 ug/l m
RT: 4.556 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX047703.D
Acq: 22 Sep 2025 14:48

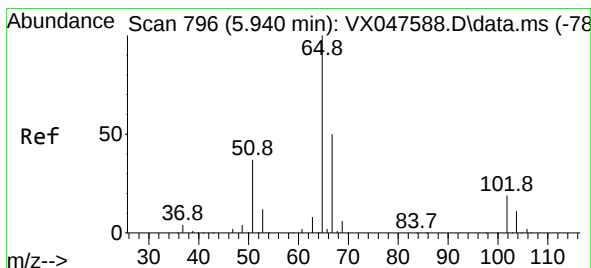
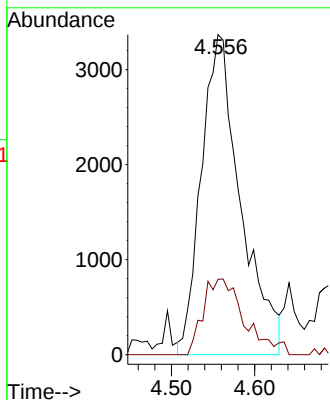
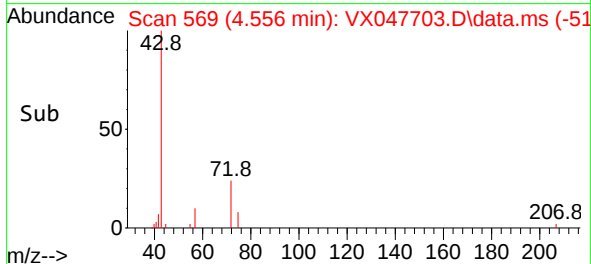
Instrument :
MSVOA_X
ClientSampleId :
361



Tgt Ion: 43 Resp: 1106
Ion Ratio Lower Upper
43 100
72 23.5 20.1 30.1

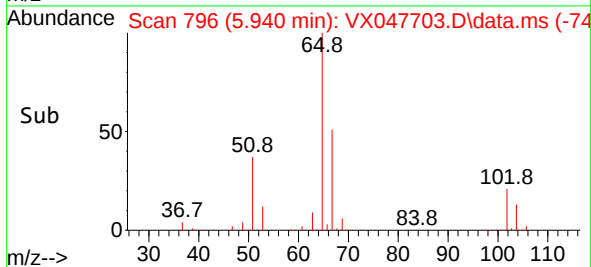
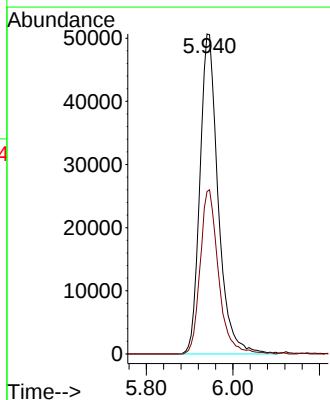
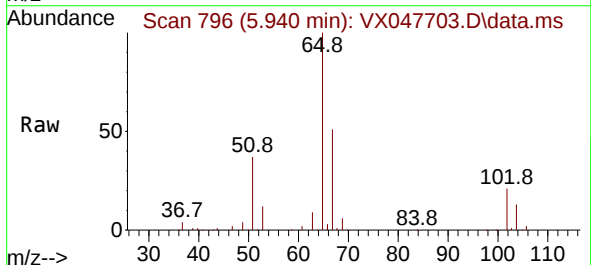
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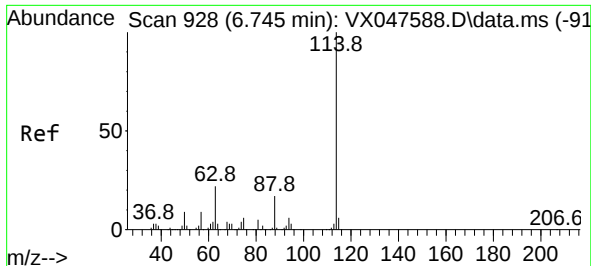
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#33
1,2-Dichloroethane-d4
Concen: 55.171 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047703.D
Acq: 22 Sep 2025 14:48

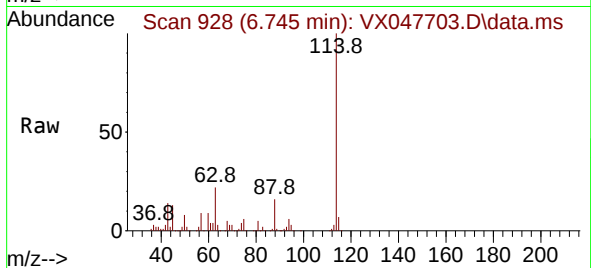
Tgt Ion: 65 Resp: 148331
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047703.D
Acq: 22 Sep 2025 14:48

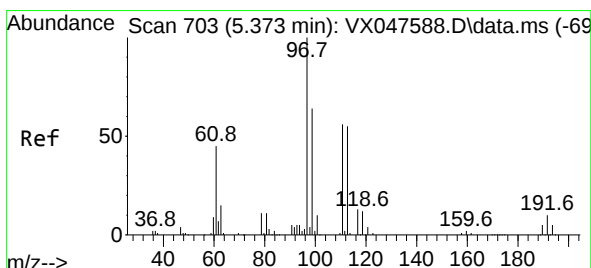
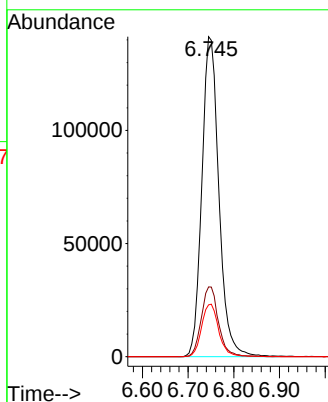
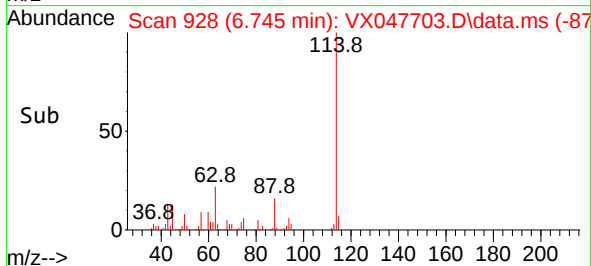
Instrument :
MSVOA_X
ClientSampleId :
361



Tgt Ion:114 Resp: 366094
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.0
88 16.2 0.0 34.2

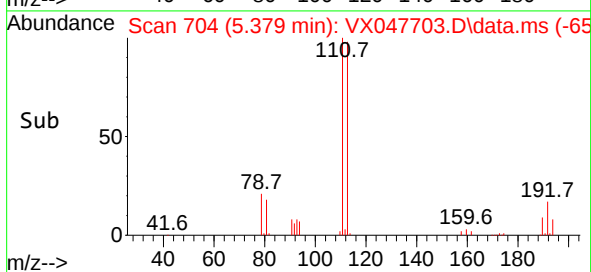
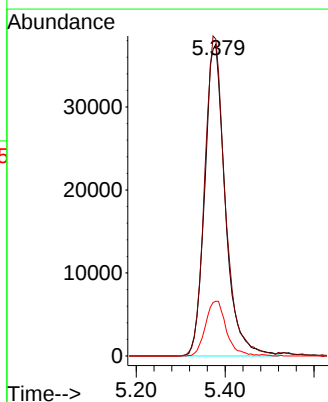
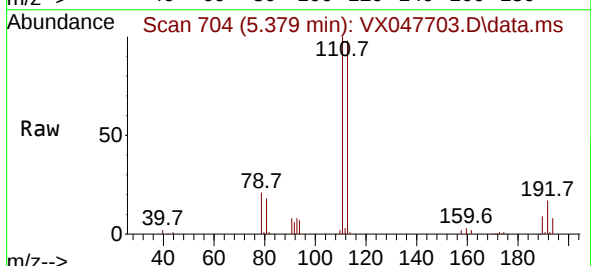
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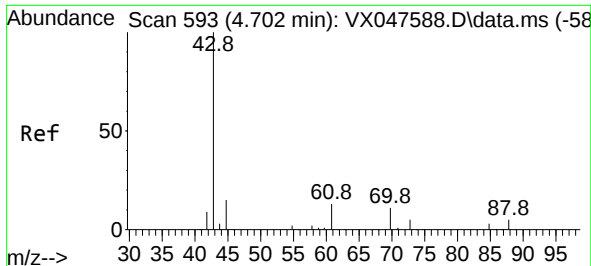
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#35
Dibromofluoromethane
Concen: 49.164 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047703.D
Acq: 22 Sep 2025 14:48

Tgt Ion:113 Resp: 120708
Ion Ratio Lower Upper
113 100
111 102.5 80.9 121.3
192 17.8 14.2 21.4





#37

Ethyl Acetate

Concen: 1.717 ug/l

RT: 4.715 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX047703.D

Acq: 22 Sep 2025 14:48

Instrument :

MSVOA_X

ClientSampleId :

361

Tgt Ion: 43 Resp: 6590

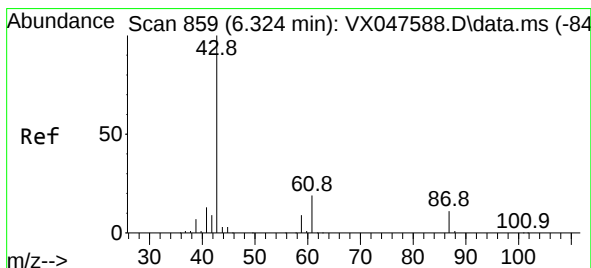
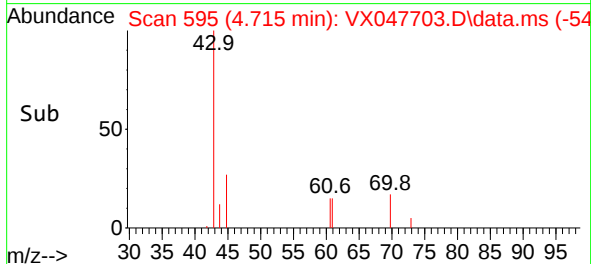
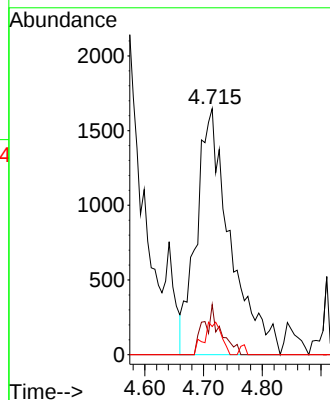
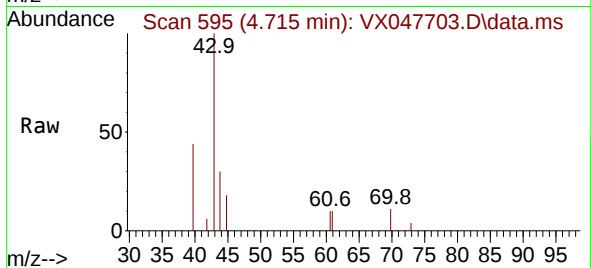
Ion	Ratio	Lower	Upper
43	100		
61	4.0	9.8	14.8
70	6.8	7.9	11.9

Manual Integrations

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#43

Isopropyl Acetate

Concen: 2.121 ug/l

RT: 6.324 min Scan# 859

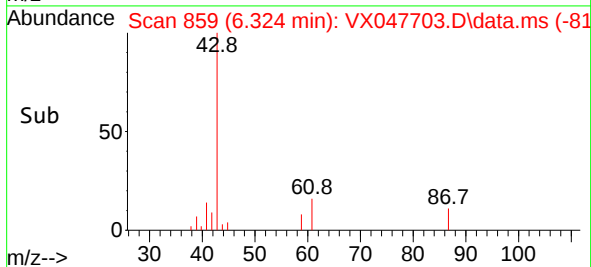
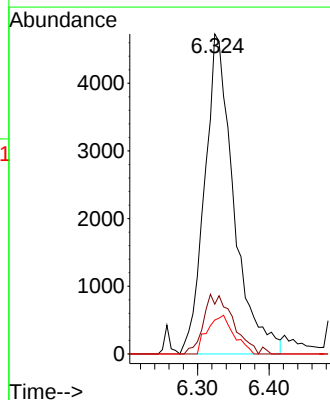
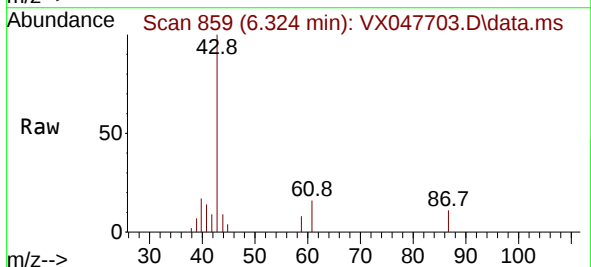
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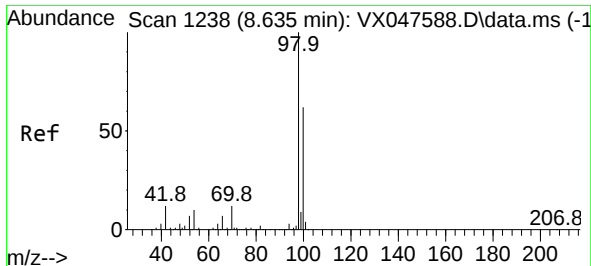
Lab File: VX047703.D

Acq: 22 Sep 2025 14:48

Tgt Ion: 43 Resp: 13361

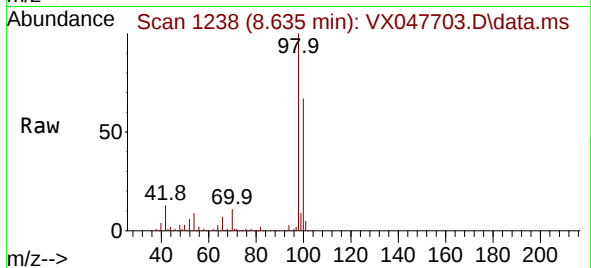
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.2	22.8
87	10.9	9.6	14.4





#50
Toluene-d8
Concen: 48.606 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047703.D
Acq: 22 Sep 2025 14:48

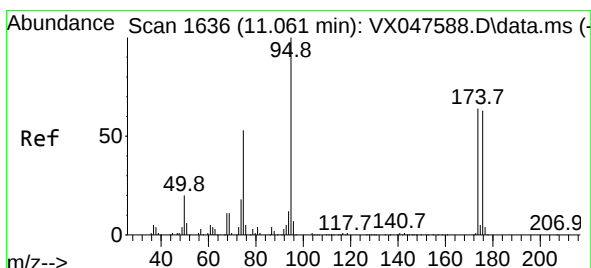
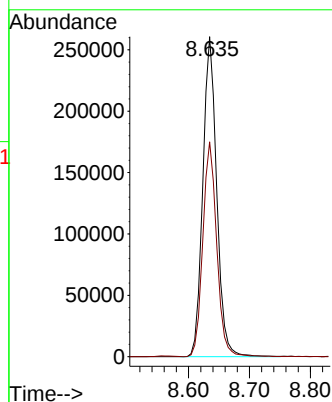
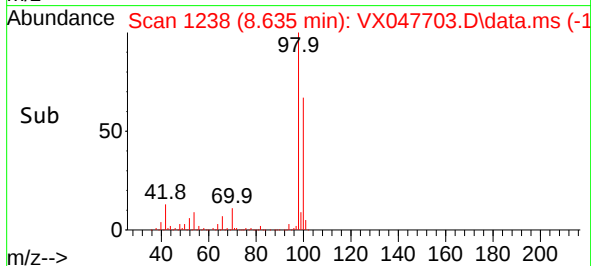
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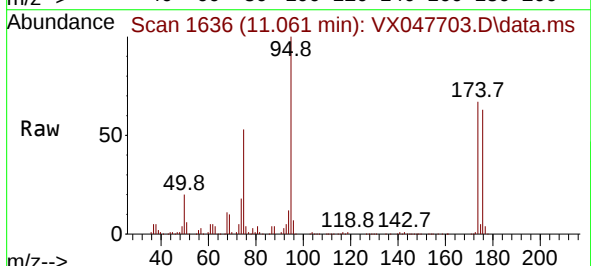
Tgt Ion: 98 Resp: 41293
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4

Manual Integrations
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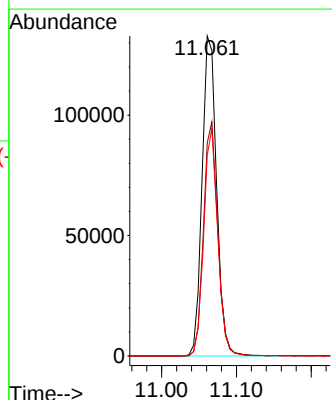
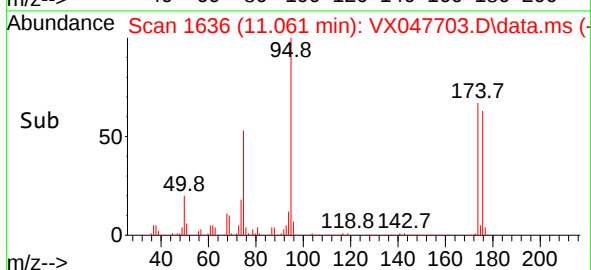
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

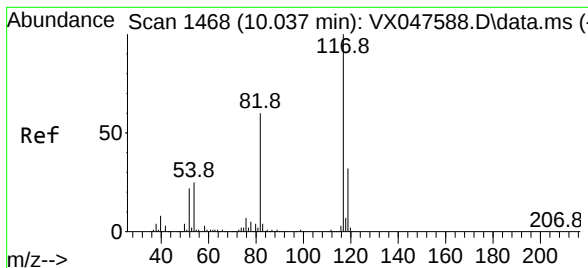


#62
4-Bromofluorobenzene
Concen: 55.576 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047703.D
Acq: 22 Sep 2025 14:48



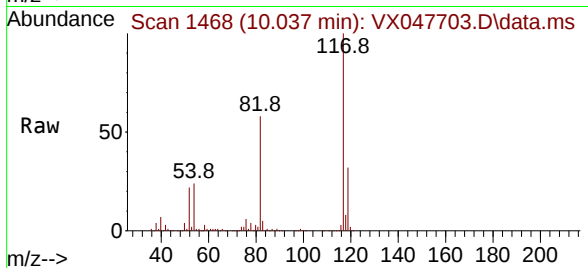
Tgt Ion: 95 Resp: 179190
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 68.6 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047703.D
Acq: 22 Sep 2025 14:48

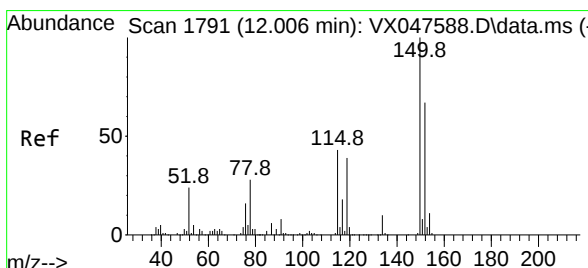
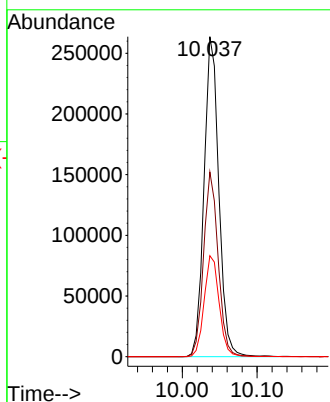
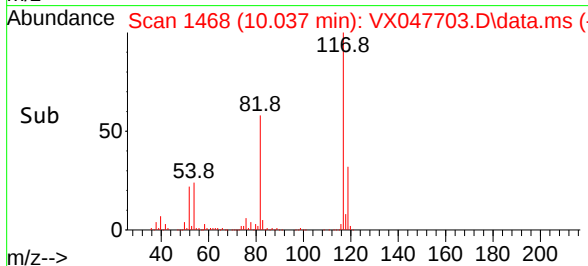
Instrument :
MSVOA_X
ClientSampleId :
361



Tgt Ion:117 Resp: 361779
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.6
119 31.5 25.2 37.8

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047703.D
Acq: 22 Sep 2025 14:48

Tgt Ion:152 Resp: 183624
Ion Ratio Lower Upper
152 100
115 62.8 44.9 134.5
150 159.3 0.0 352.0

