

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
 Data File : VX045924.D
 Acq On : 24 Apr 2025 14:00
 Operator : JC/MD
 Sample : PB167707ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167707ZHE#05

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2025
 Supervised By : Mahesh Dadoda 04/25/2025

Quant Time: Apr 25 02:27:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	61492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122516	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62205	55.317	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.640%			
35) Dibromofluoromethane	5.379	113	44030	50.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.300%			
50) Toluene-d8	8.647	98	157350	51.862	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.720%			
62) 4-Bromofluorobenzene	11.079	95	58066	52.541	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.080%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	44957	97.359	ug/l	97
18) Methyl Acetate	2.709	43	2235	2.102	ug/l	93
20) Methylene Chloride	2.788	84	2604	3.012	ug/l	92
25) 2-Butanone	4.587	43	4222m	6.246	ug/l	
43) Isopropyl Acetate	6.349	43	11085	4.945	ug/l	99

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

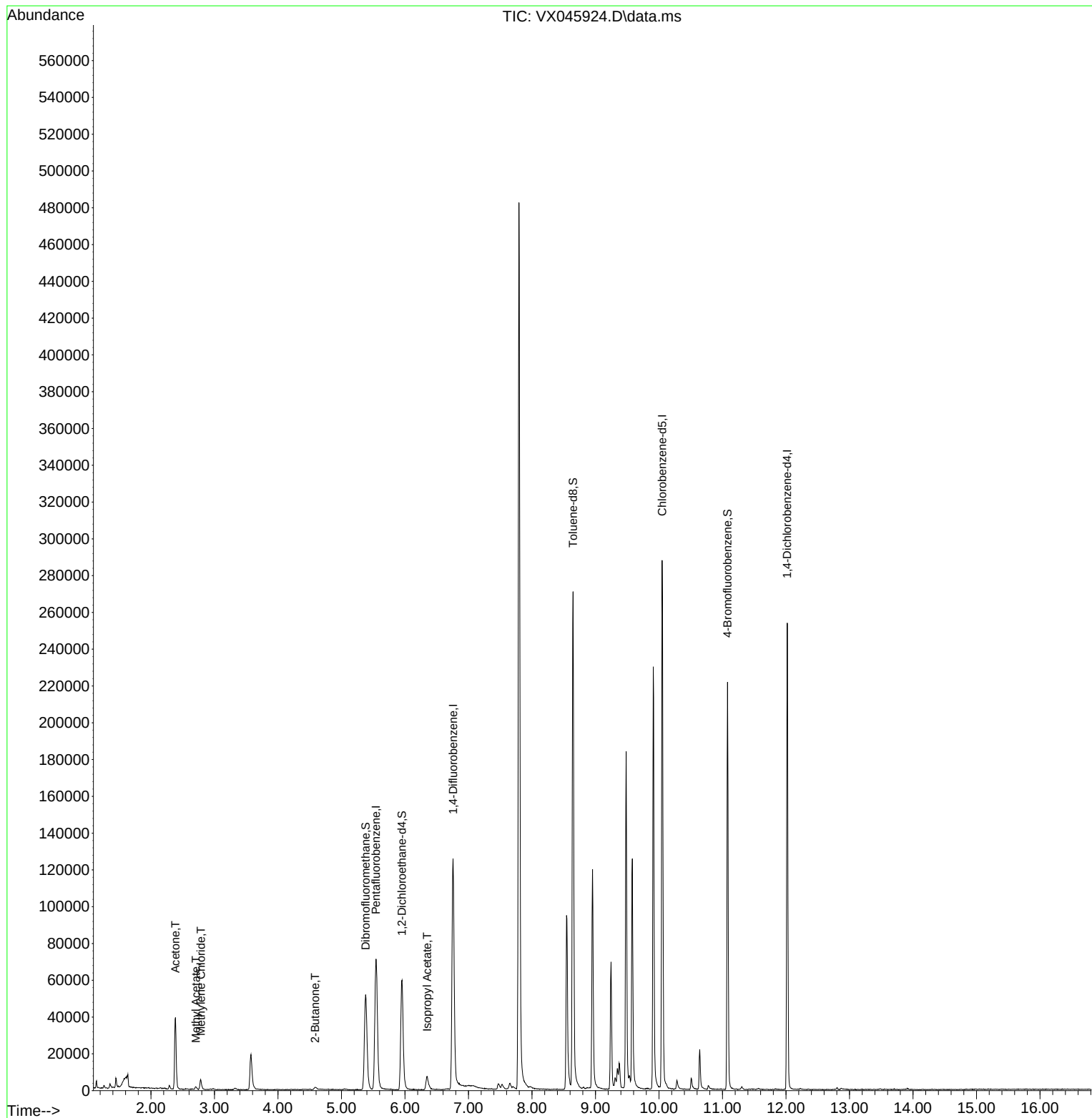
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
Data File : VX045924.D
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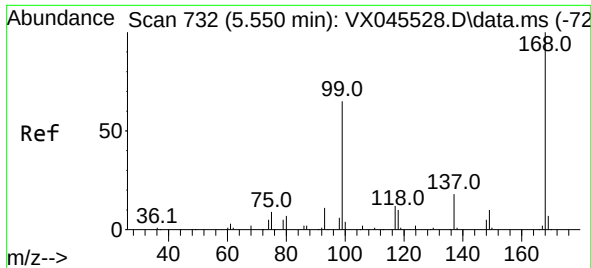
Instrument :
MSVOA_X
ClientSampleId :
PB167707ZHE#05

Quant Time: Apr 25 02:27:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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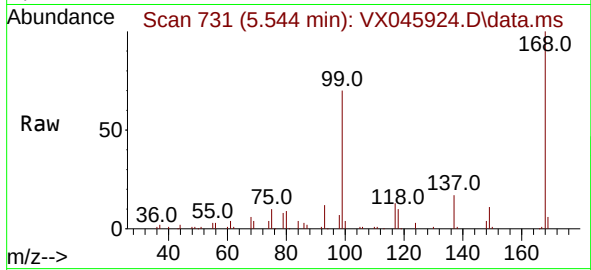
Reviewed By : John Carlone 04/25/2025
Supervised By : Mahesh Dadoda 04/25/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045924.D
Acq: 24 Apr 2025 14:00

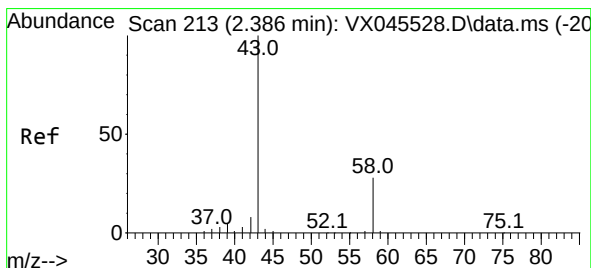
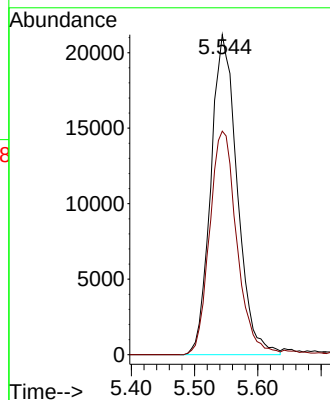
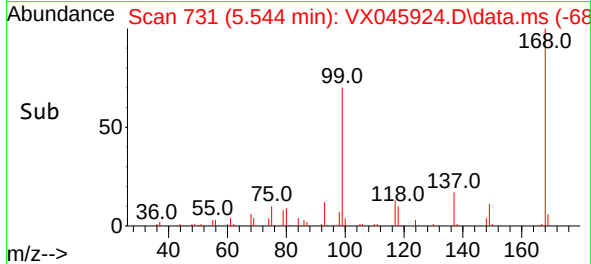
Instrument :
MSVOA_X
ClientSampleId :
PB167707ZHE#05



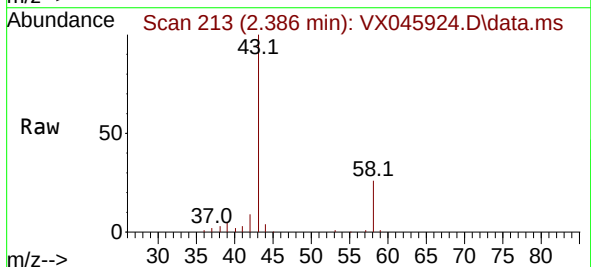
Tgt Ion:168 Resp: 61492
Ion Ratio Lower Upper
168 100
99 69.9 52.3 78.5

Manual Integrations
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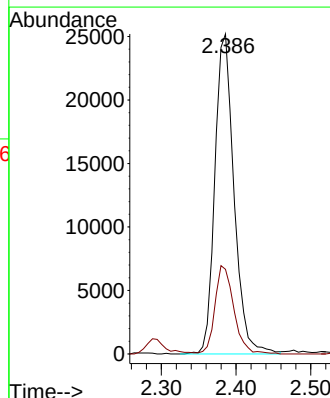
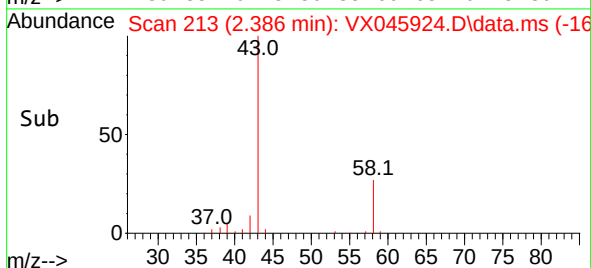
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025

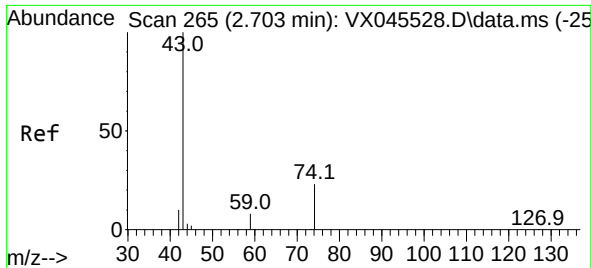


#16
Acetone
Concen: 97.359 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045924.D
Acq: 24 Apr 2025 14:00



Tgt Ion: 43 Resp: 44957
Ion Ratio Lower Upper
43 100
58 26.5 22.3 33.5





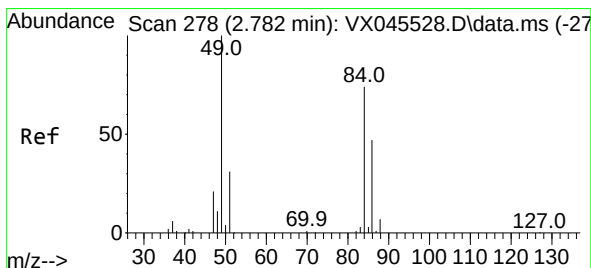
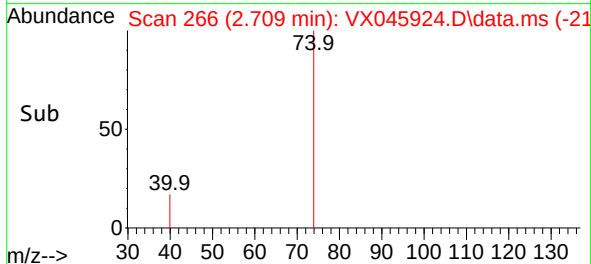
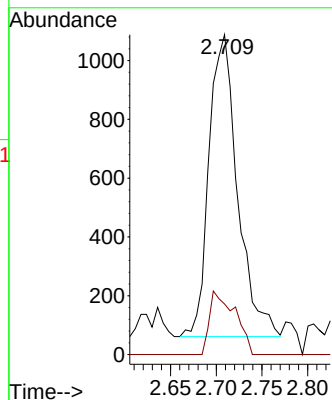
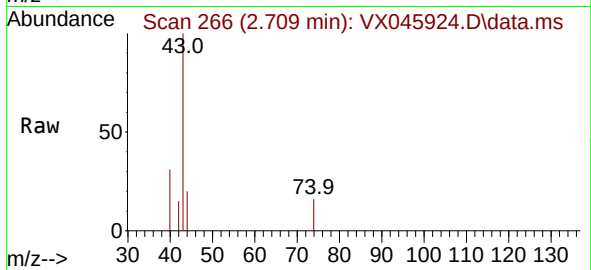
#18
Methyl Acetate
Concen: 2.102 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045924.D
Acq: 24 Apr 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB167707ZHE#05

Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
74 18.7 17.5 26.3

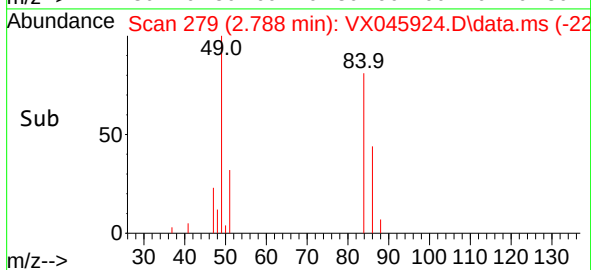
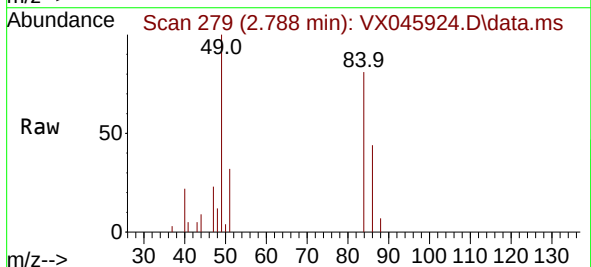
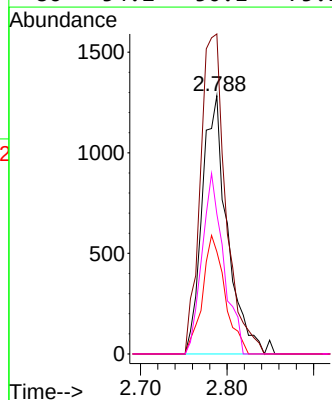
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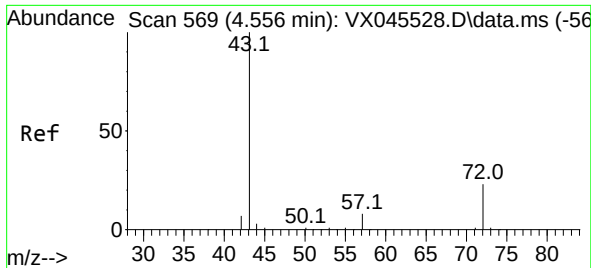
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Methylene Chloride
Concen: 3.012 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045924.D
Acq: 24 Apr 2025 14:00

Tgt Ion: 84 Resp: 2604
Ion Ratio Lower Upper
84 100
49 123.9 107.5 161.3
51 39.6 33.0 49.6
86 54.2 50.1 75.1





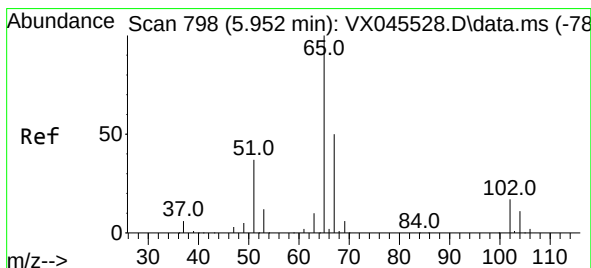
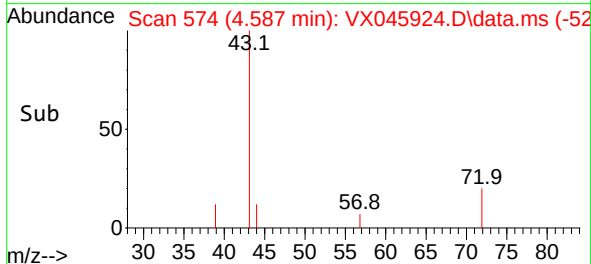
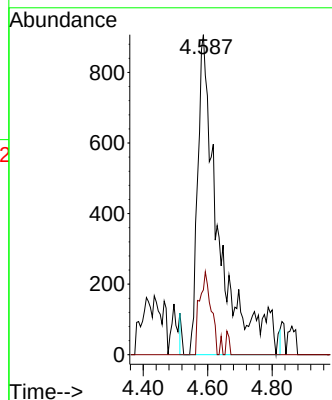
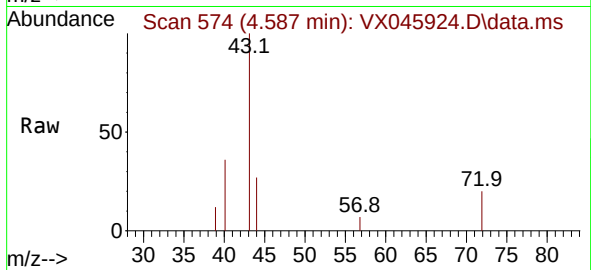
#25
2-Butanone
Concen: 6.246 ug/l m
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX045924.D
Acq: 24 Apr 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB167707ZHE#05

Tgt Ion: 43 Resp: 422
Ion Ratio Lower Upper
43 100
72 20.3 18.6 28.0

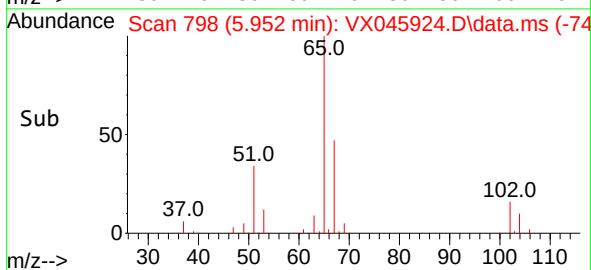
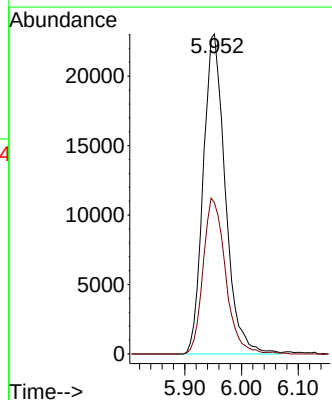
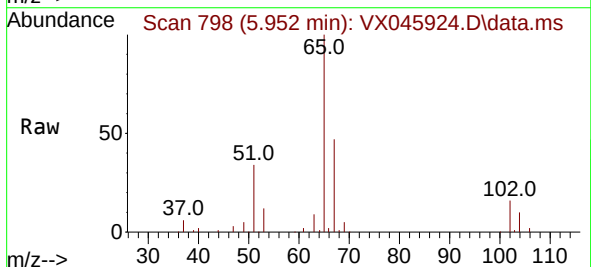
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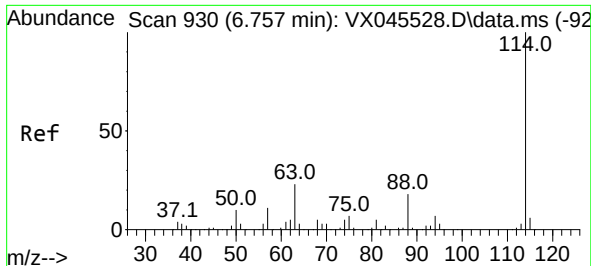
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#33
1,2-Dichloroethane-d4
Concen: 55.317 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045924.D
Acq: 24 Apr 2025 14:00

Tgt Ion: 65 Resp: 62205
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0





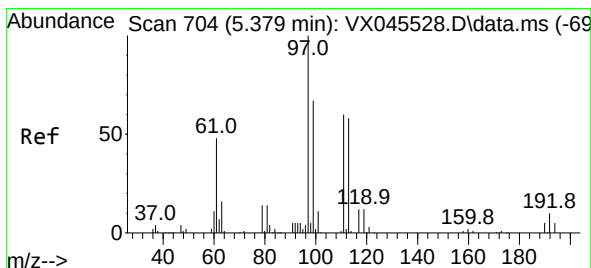
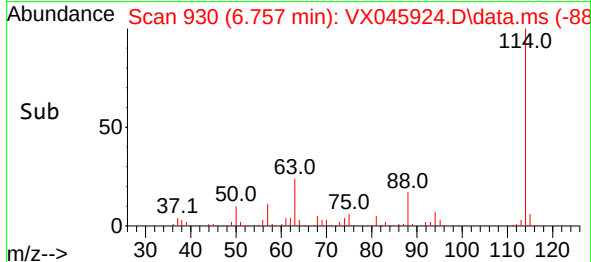
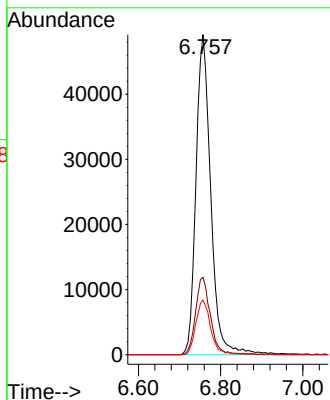
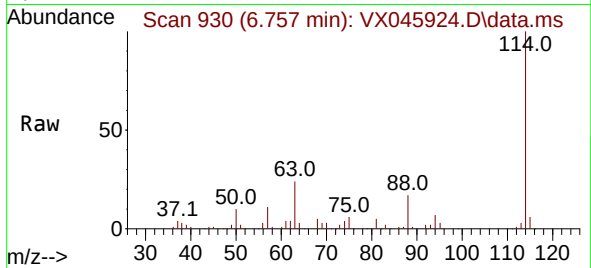
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045924.D
Acq: 24 Apr 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB167707ZHE#05

Tgt Ion:114 Resp: 122510
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.8
88 17.0 0.0 35.4

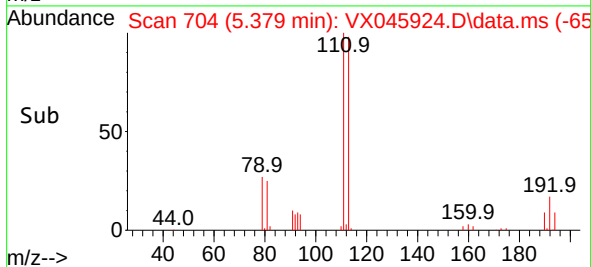
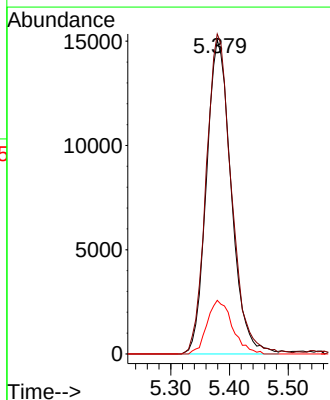
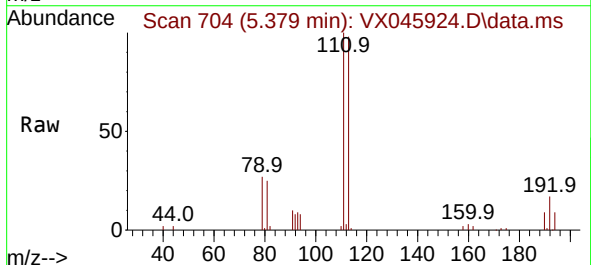
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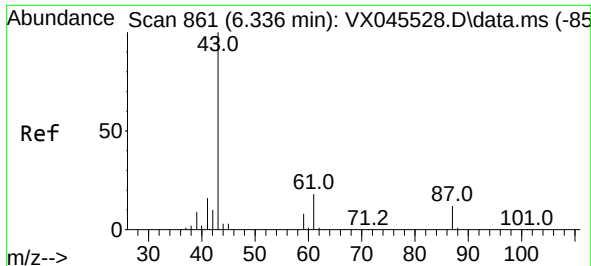
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#35
Dibromofluoromethane
Concen: 50.653 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045924.D
Acq: 24 Apr 2025 14:00

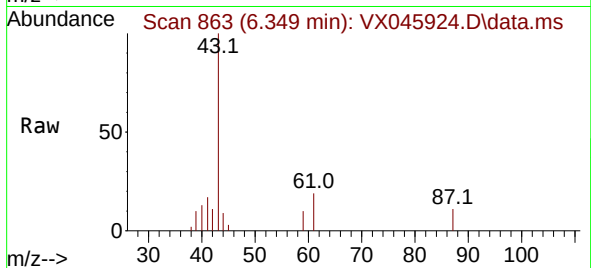
Tgt Ion:113 Resp: 44030
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 17.5 13.8 20.6





#43
Isopropyl Acetate
Concen: 4.945 ug/l
RT: 6.349 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX045924.D
Acq: 24 Apr 2025 14:00

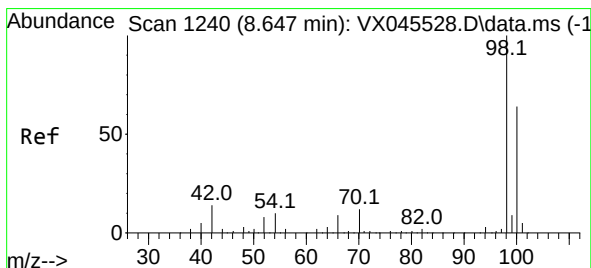
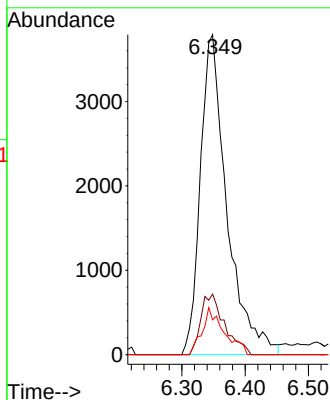
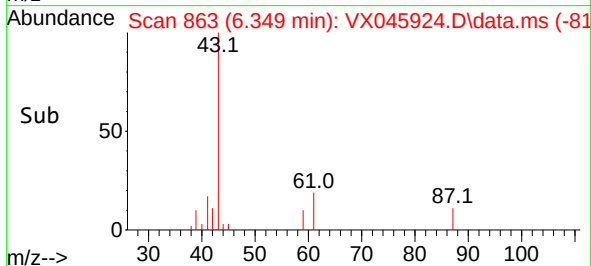
Instrument :
MSVOA_X
ClientSampleId :
PB167707ZHE#05



Tgt Ion: 43 Resp: 11085
Ion Ratio Lower Upper
43 100
61 17.0 14.1 21.1
87 12.1 9.2 13.8

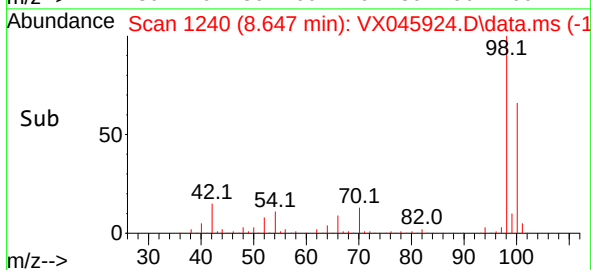
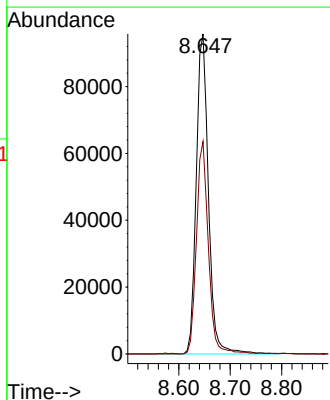
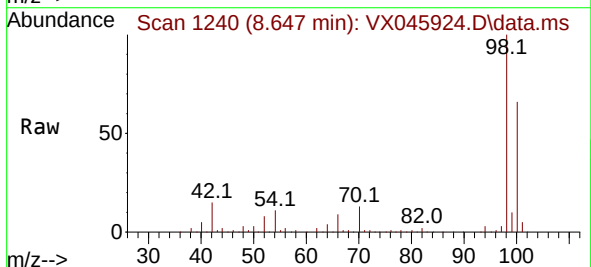
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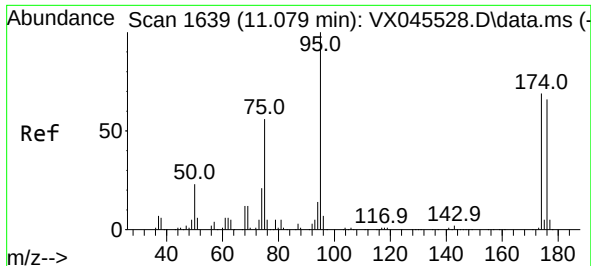
Reviewed By :John Carlone 04/25/2025
Supervised By :Mahesh Dadoda 04/25/2025



#50
Toluene-d8
Concen: 51.862 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045924.D
Acq: 24 Apr 2025 14:00

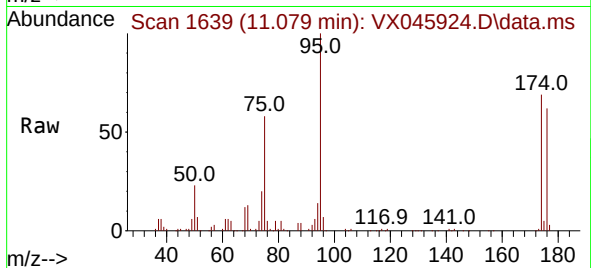
Tgt Ion: 98 Resp: 157350
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 52.541 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045924.D
Acq: 24 Apr 2025 14:00

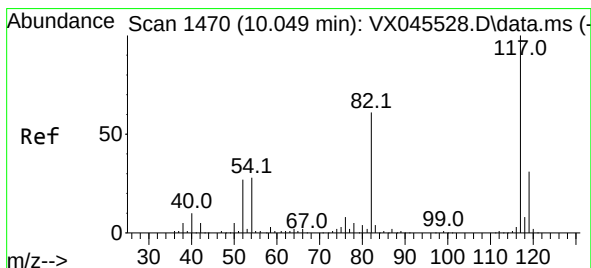
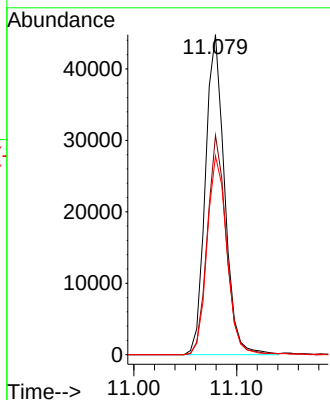
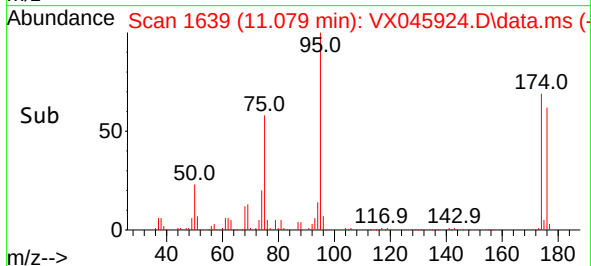
Instrument :
MSVOA_X
ClientSampleId :
PB167707ZHE#05



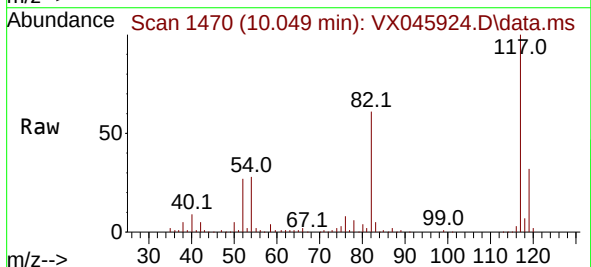
Tgt Ion: 95 Resp: 58060
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.8
176 64.3 0.0 131.4

Manual Integrations
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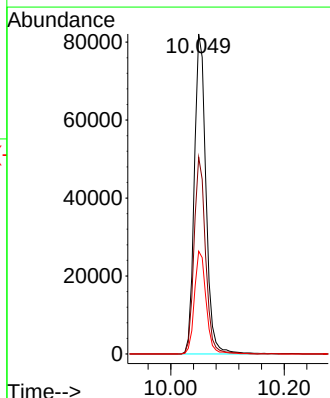
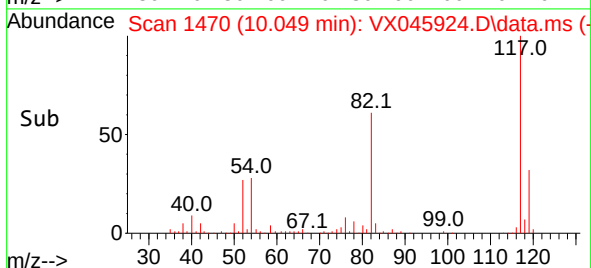
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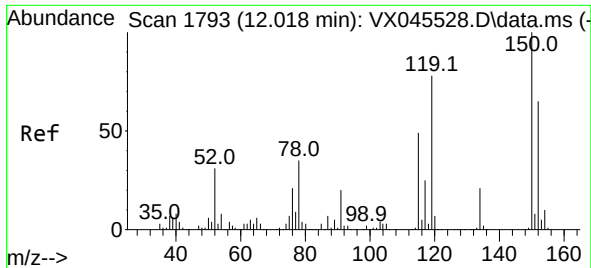


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045924.D
Acq: 24 Apr 2025 14:00



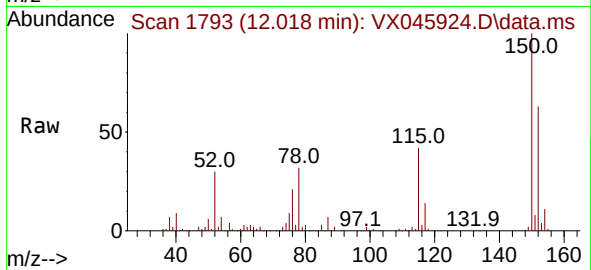
Tgt Ion:117 Resp: 116652
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 32.1 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045924.D
 Acq: 24 Apr 2025 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167707ZHE#05



Tgt Ion:152 Resp: 47424
 Ion Ratio Lower Upper
 152 100
 115 65.4 46.9 140.7
 150 158.3 0.0 349.4

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