

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045812.D
 Acq On : 16 Apr 2025 16:54
 Operator : JC/MD
 Sample : Q1808-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LAW-25-0060

Quant Time: Apr 17 01:38:12 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	70204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68718	53.525	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.060%			
35) Dibromofluoromethane	5.379	113	49223	51.318	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.640%			
50) Toluene-d8	8.647	98	172070	51.397	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.800%			
62) 4-Bromofluorobenzene	11.079	95	65605	53.798	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.600%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	54063	102.550	ug/l	95
18) Methyl Acetate	2.709	43	2414	1.989	ug/l	93
20) Methylene Chloride	2.782	84	2775	2.812	ug/l #	83
25) 2-Butanone	4.580	43	4880m	6.324	ug/l	
43) Isopropyl Acetate	6.348	43	4575	1.850	ug/l #	93

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

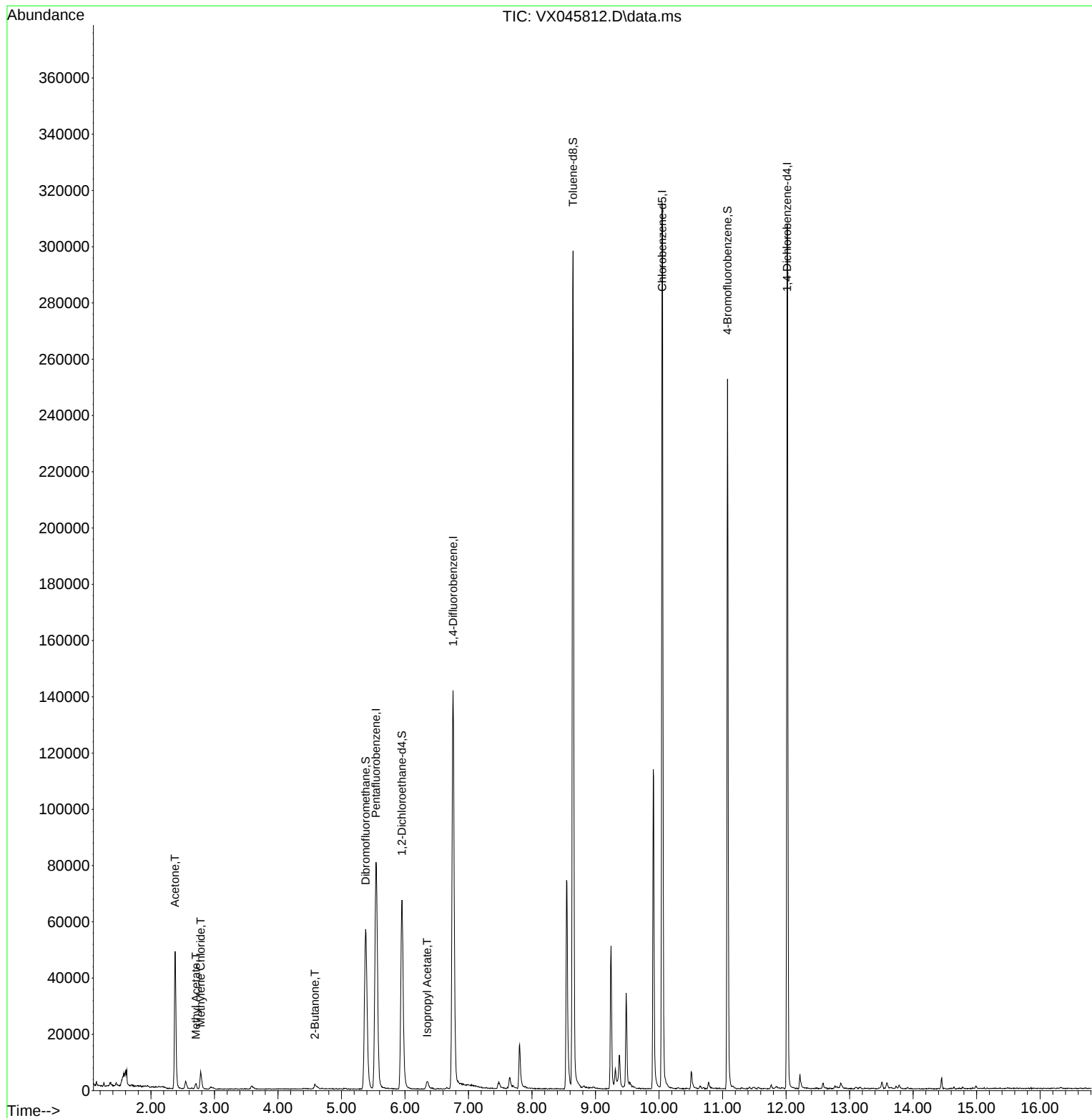
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
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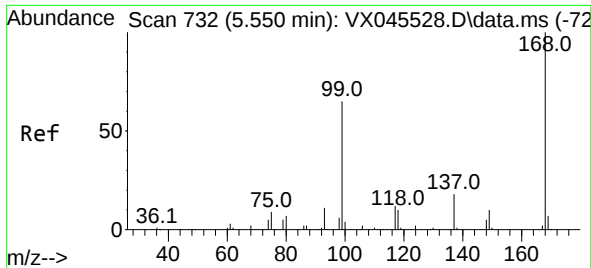
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0060

Quant Time: Apr 17 01:38:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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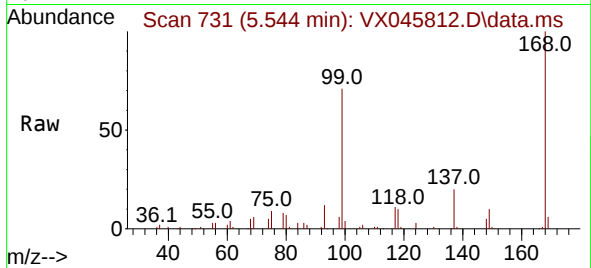
Reviewed By : John Carlone 04/17/2025
Supervised By : Mahesh Dadoda 04/17/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045812.D
Acq: 16 Apr 2025 16:54

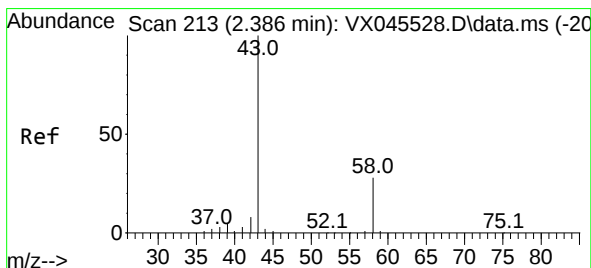
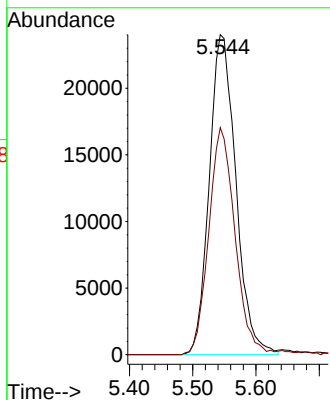
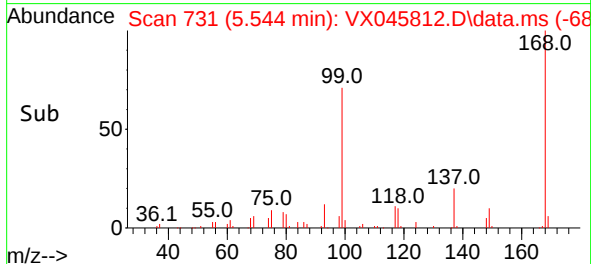
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0060



Tgt Ion:168 Resp: 70204
Ion Ratio Lower Upper
168 100
99 71.0 52.3 78.5

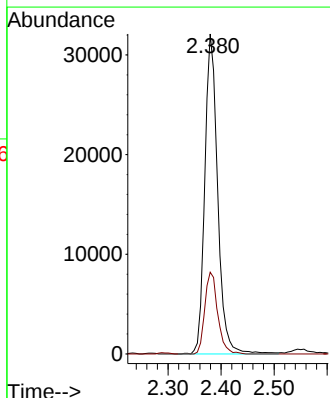
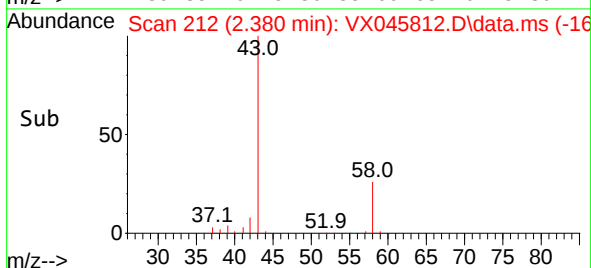
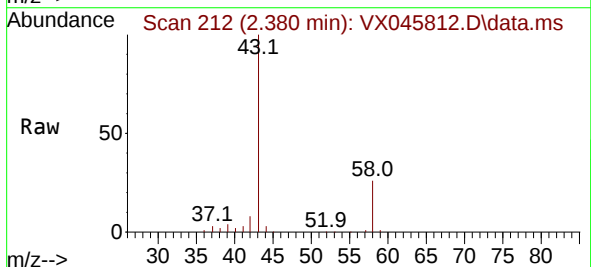
Manual Integrations
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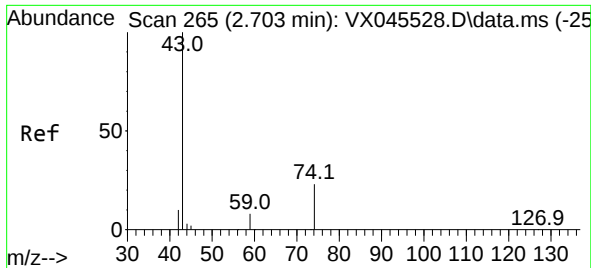
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#16
Acetone
Concen: 102.550 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045812.D
Acq: 16 Apr 2025 16:54

Tgt Ion: 43 Resp: 54063
Ion Ratio Lower Upper
43 100
58 25.5 22.3 33.5





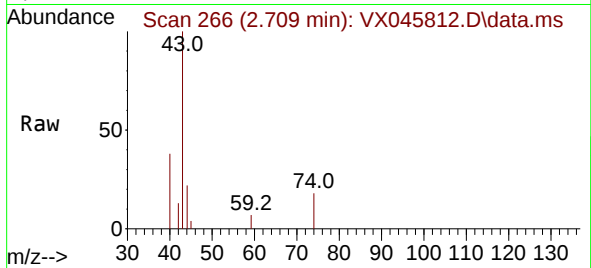
#18
Methyl Acetate
Concen: 1.989 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045812.D
Acq: 16 Apr 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

LAW-25-0060



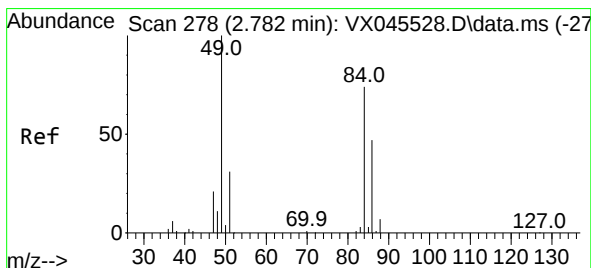
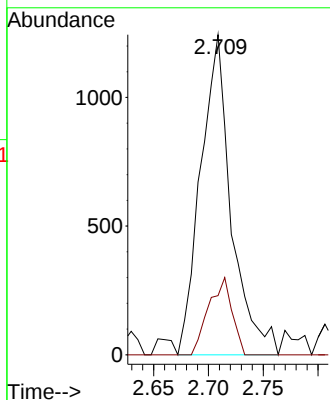
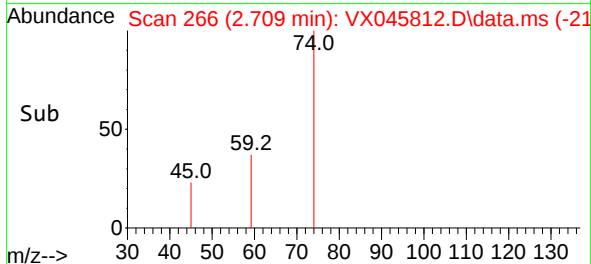
Tgt Ion: 43 Resp: 2414
Ion Ratio Lower Upper
43 100
74 18.5 17.5 26.3

Manual Integrations

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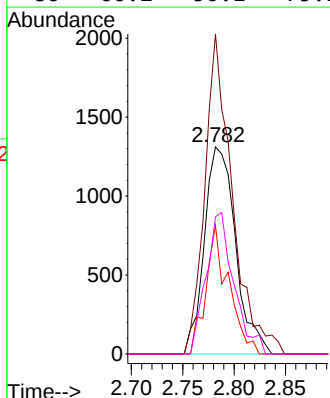
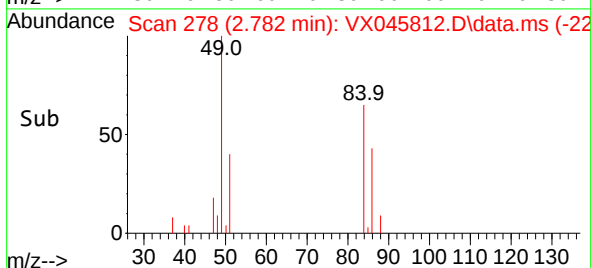
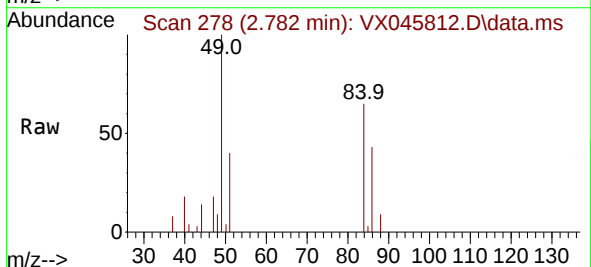
Reviewed By :John Carlone 04/17/2025

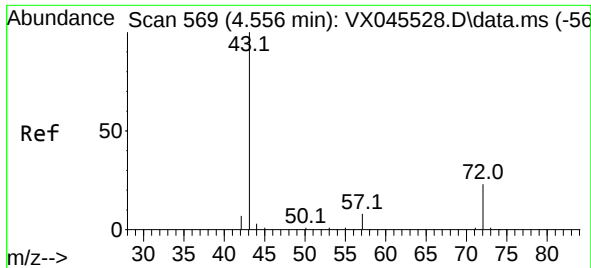
Supervised By :Mahesh Dadoda 04/17/2025



#20
Methylene Chloride
Concen: 2.812 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045812.D
Acq: 16 Apr 2025 16:54

Tgt Ion: 84 Resp: 2775
Ion Ratio Lower Upper
84 100
49 154.6 107.5 161.3
51 62.2 33.0 49.6#
86 66.2 50.1 75.1





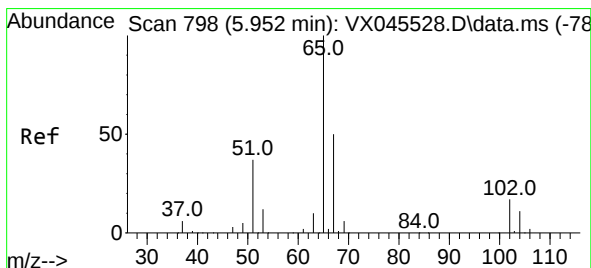
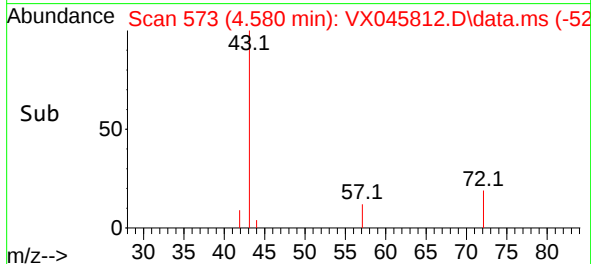
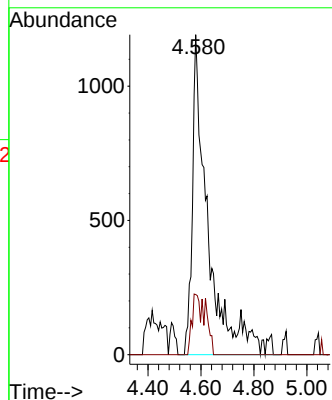
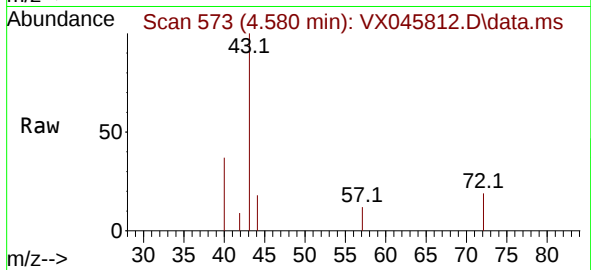
#25
2-Butanone
Concen: 6.324 ug/l m
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX045812.D
Acq: 16 Apr 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0060

Tgt Ion: 43 Resp: 4880
Ion Ratio Lower Upper
43 100
72 18.8 18.6 28.0

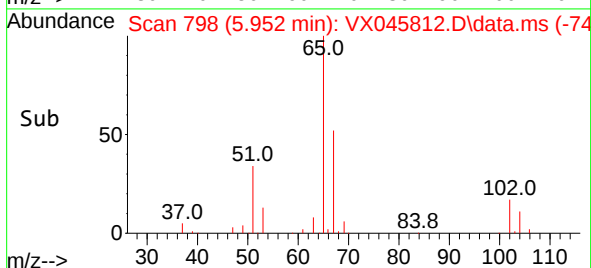
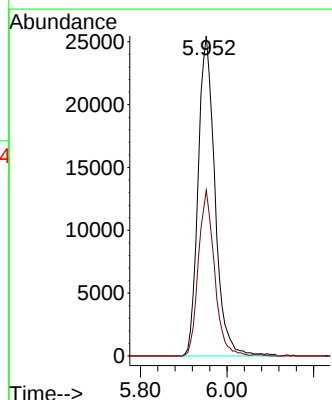
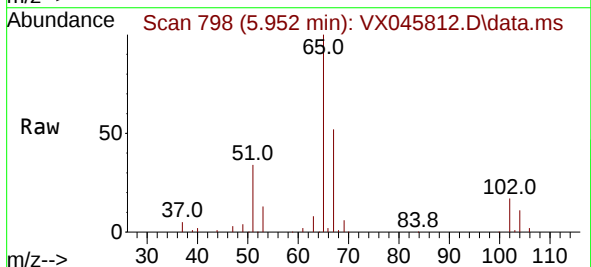
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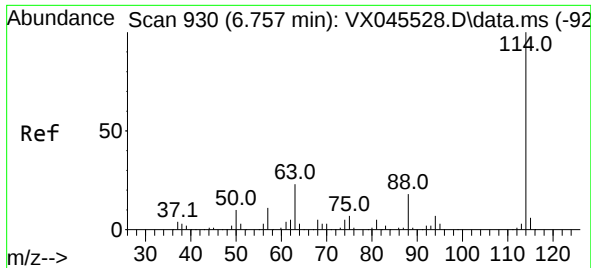
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#33
1,2-Dichloroethane-d4
Concen: 53.525 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045812.D
Acq: 16 Apr 2025 16:54

Tgt Ion: 65 Resp: 68718
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0





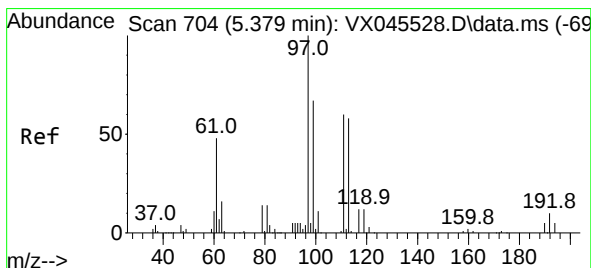
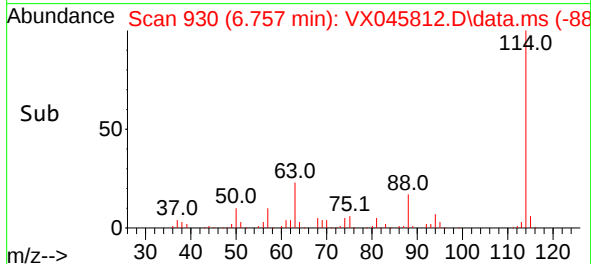
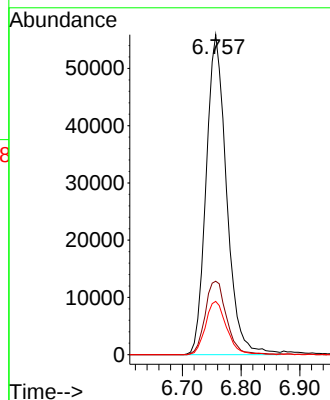
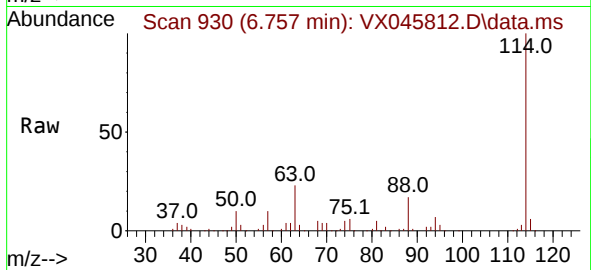
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX045812.D
Acq: 16 Apr 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0060

Tgt Ion:114 Resp: 135189
Ion Ratio Lower Upper
114 100
63 23.0 0.0 46.8
88 16.7 0.0 35.4

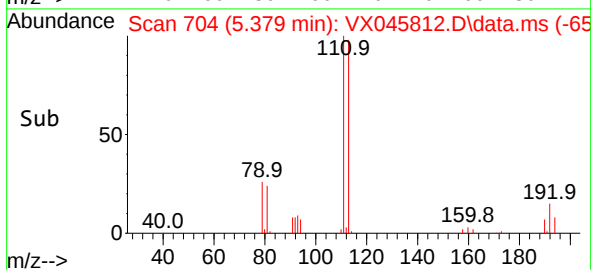
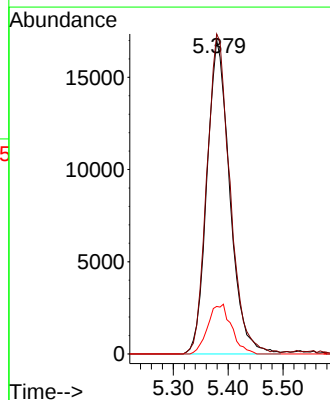
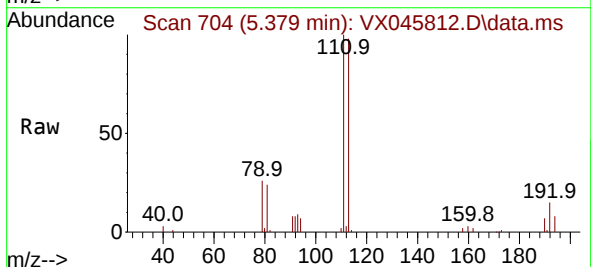
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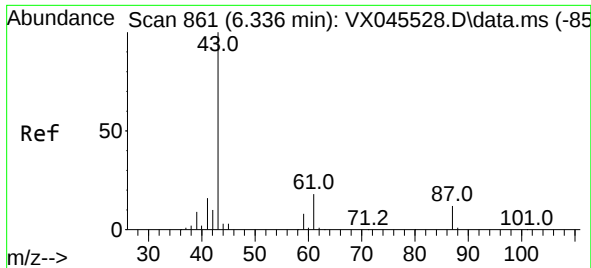
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#35
Dibromofluoromethane
Concen: 51.318 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045812.D
Acq: 16 Apr 2025 16:54

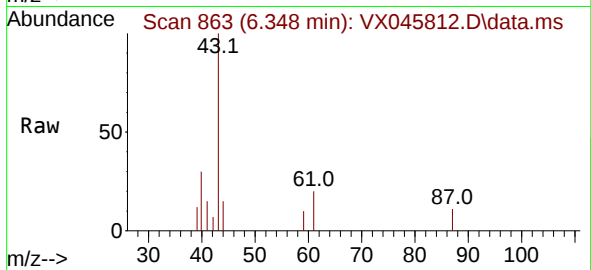
Tgt Ion:113 Resp: 49223
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 16.4 13.8 20.6





#43
Isopropyl Acetate
Concen: 1.850 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045812.D
Acq: 16 Apr 2025 16:54

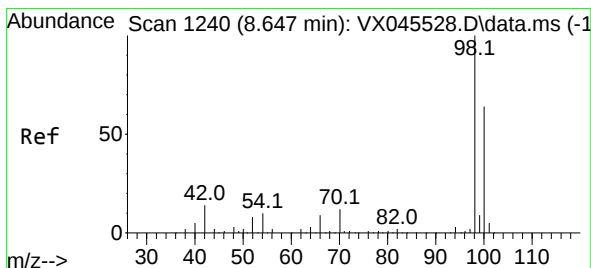
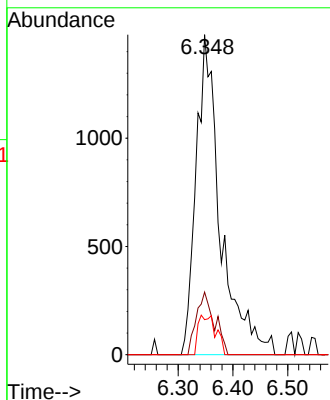
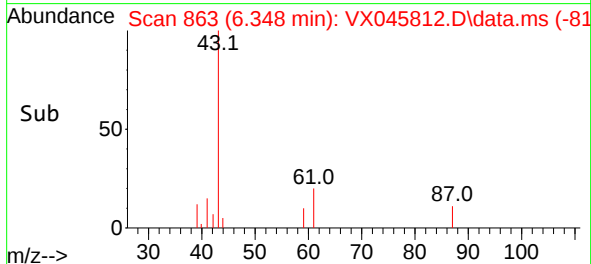
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0060



Tgt Ion: 43 Resp: 4579
Ion Ratio Lower Upper
43 100
61 14.5 14.1 21.1
87 8.9 9.2 13.8

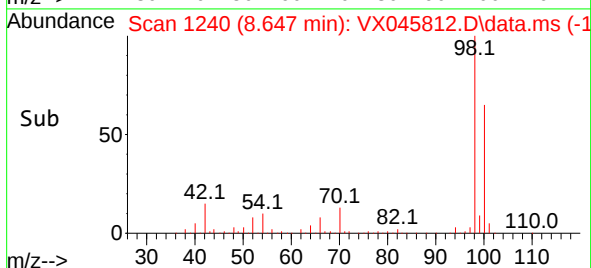
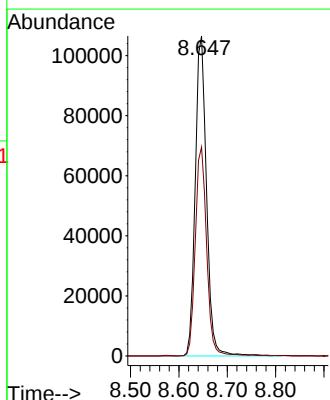
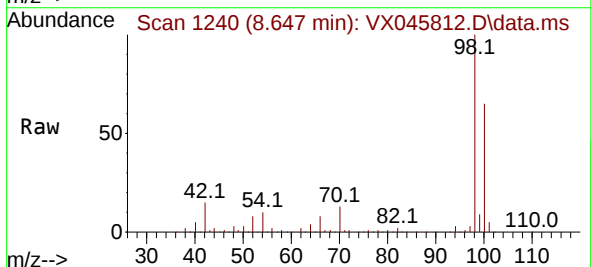
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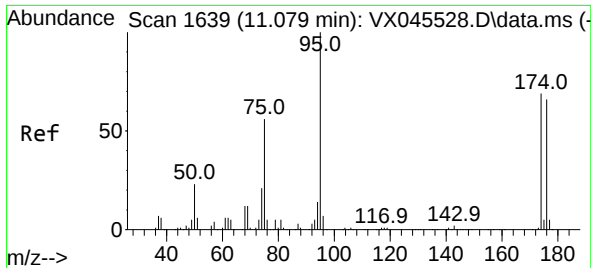
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#50
Toluene-d8
Concen: 51.397 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045812.D
Acq: 16 Apr 2025 16:54

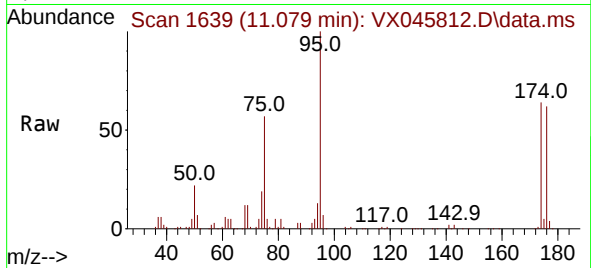
Tgt Ion: 98 Resp: 172070
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 53.798 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045812.D
Acq: 16 Apr 2025 16:54

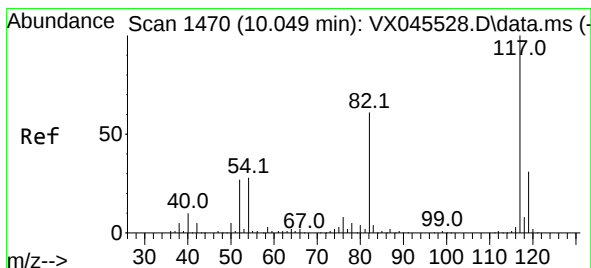
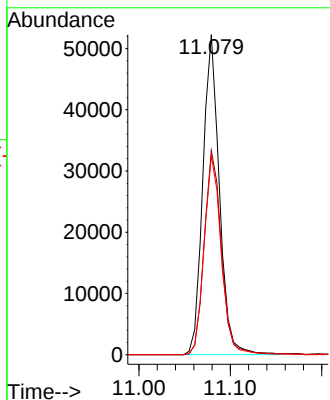
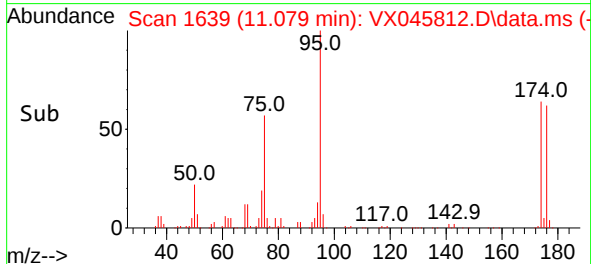
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MSVOA_X
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LAW-25-0060



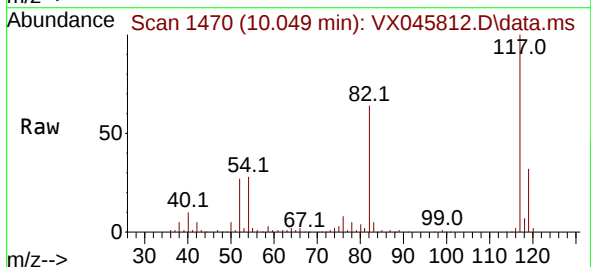
Tgt Ion: 95 Resp: 65609
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 64.4 0.0 131.4

Manual Integrations
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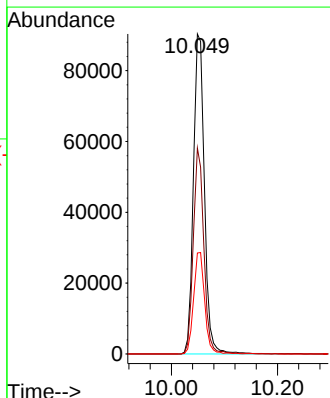
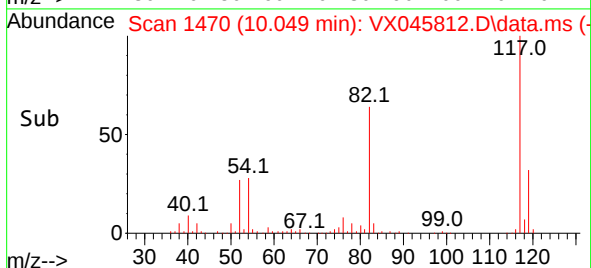
Reviewed By :John Carlone 04/17/2025
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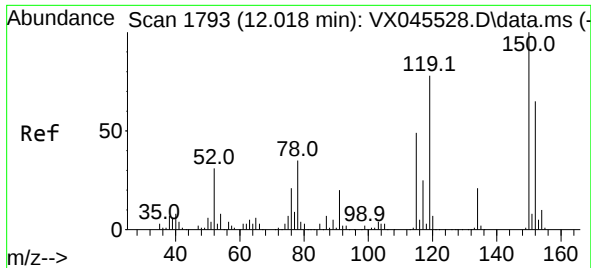


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045812.D
Acq: 16 Apr 2025 16:54



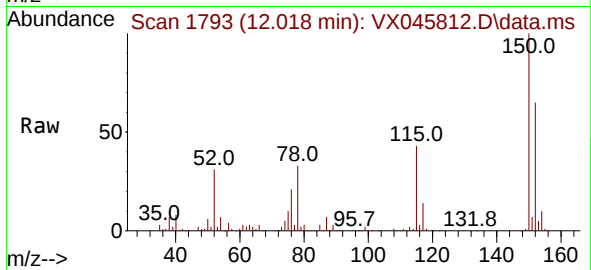
Tgt Ion:117 Resp: 129888
Ion Ratio Lower Upper
117 100
82 64.3 49.2 73.8
119 31.5 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045812.D
 Acq: 16 Apr 2025 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 LAW-25-0060



Tgt Ion:152 Resp: 5686
 Ion Ratio Lower Upper
 152 100
 115 63.9 46.9 140.7
 150 154.2 0.0 349.4

Manual Integrations
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