

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
 Data File : VX045490.D
 Acq On : 27 Mar 2025 20:13
 Operator : JC/MD
 Sample : Q1642-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAT-1-032525

Quant Time: Mar 28 01:38:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	65936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62947	60.018	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.040%			
35) Dibromofluoromethane	5.385	113	47087	54.316	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.640%			
50) Toluene-d8	8.647	98	167628	53.336	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.680%			
62) 4-Bromofluorobenzene	11.079	95	60443	58.037	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 116.080%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	263794	542.100	ug/l	95
18) Methyl Acetate	2.703	43	2947m	2.517	ug/l	
20) Methylene Chloride	2.788	84	13272	13.769	ug/l	94
25) 2-Butanone	4.574	43	12768	17.431	ug/l	98
43) Isopropyl Acetate	6.348	43	10509	4.639	ug/l	97

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

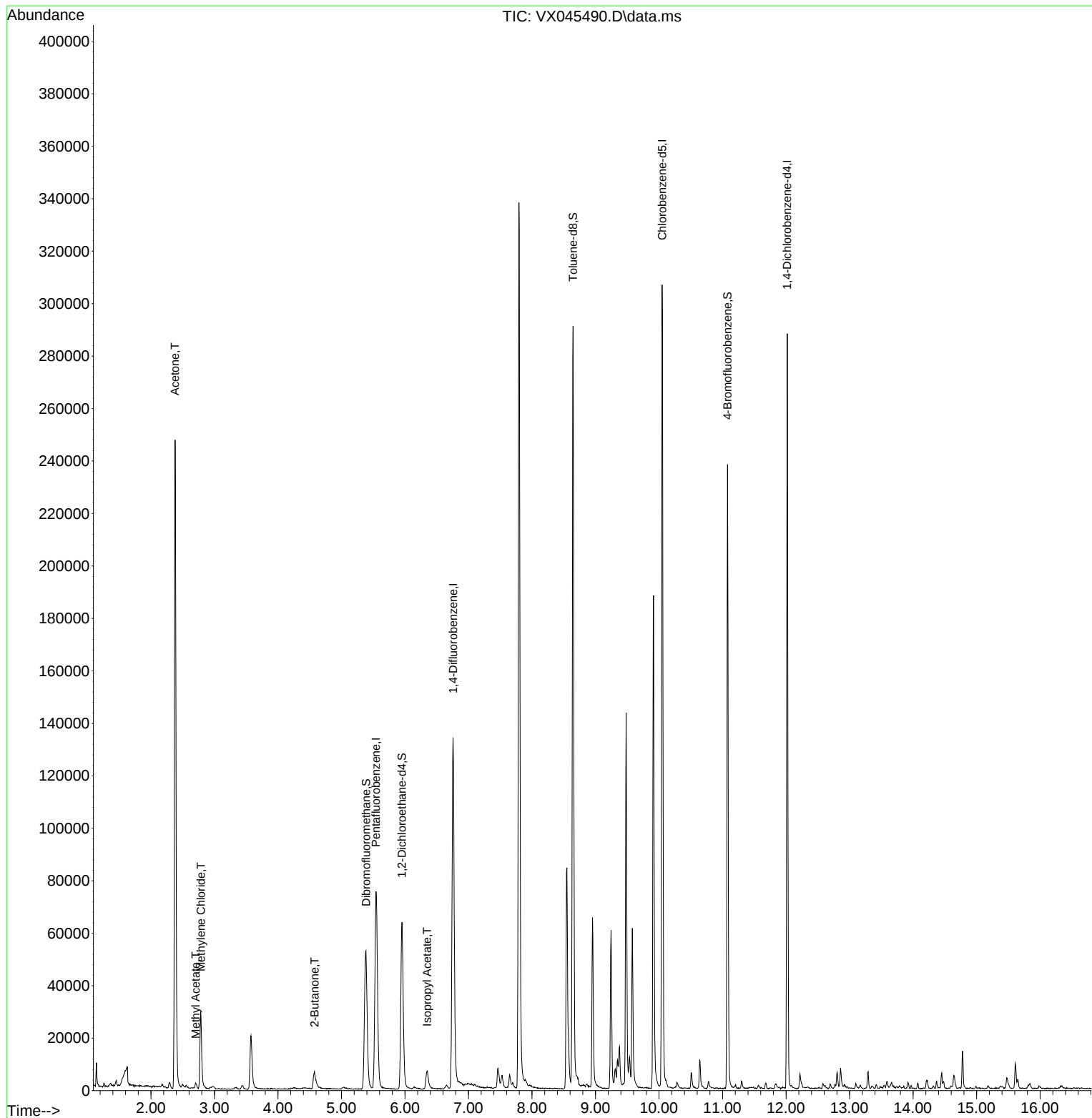
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ALS Vial : 20 Sample Multiplier: 1

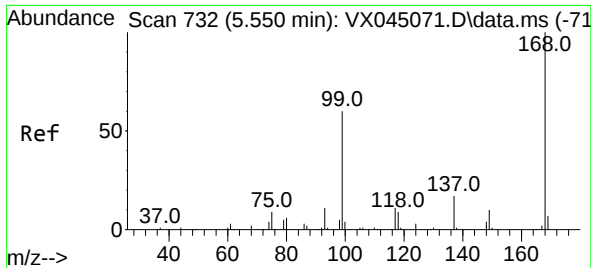
Instrument :
MSVOA_X
ClientSampleId :
PAT-1-032525

Quant Time: Mar 28 01:38:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

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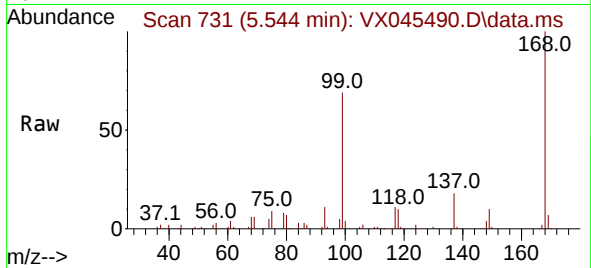
Reviewed By : John Carlone 03/28/2025
Supervised By : Mahesh Dadoda 03/28/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045490.D
Acq: 27 Mar 2025 20:13

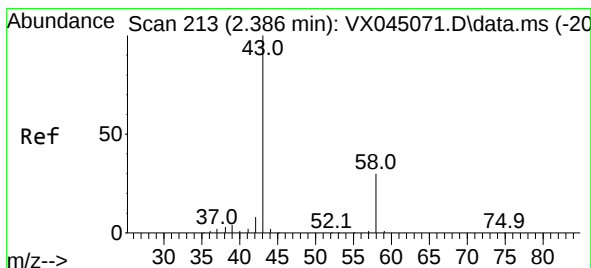
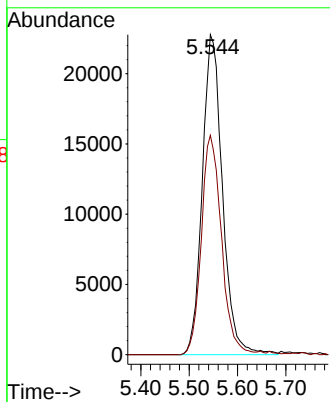
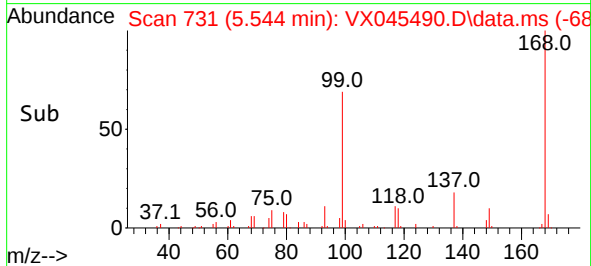
Instrument :
MSVOA_X
ClientSampleId :
PAT-1-032525



Tgt Ion:168 Resp: 65930
Ion Ratio Lower Upper
168 100
99 68.5 48.2 72.4

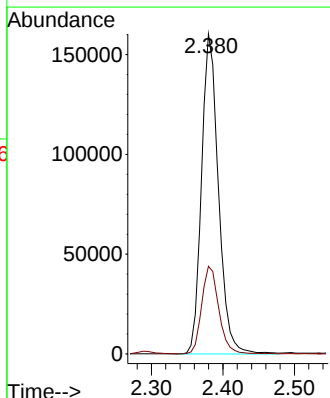
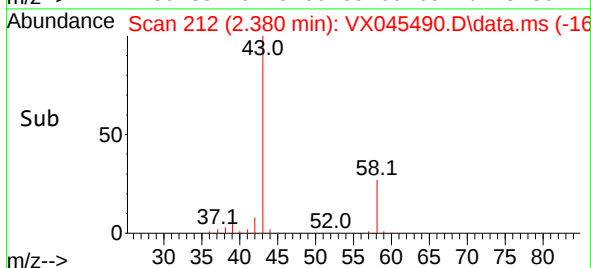
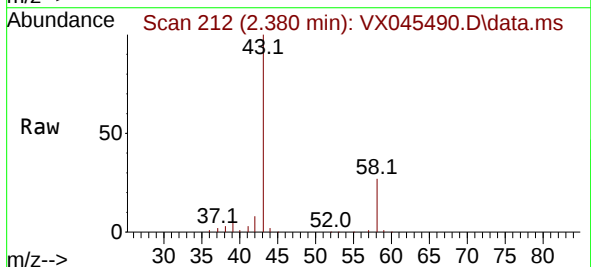
Manual Integrations
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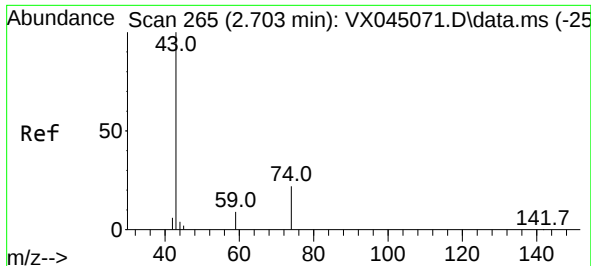
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16
Acetone
Concen: 542.100 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045490.D
Acq: 27 Mar 2025 20:13

Tgt Ion: 43 Resp: 263794
Ion Ratio Lower Upper
43 100
58 27.4 24.2 36.4





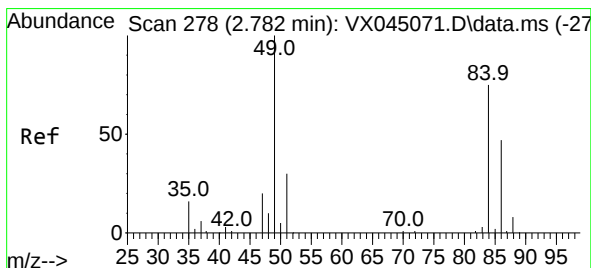
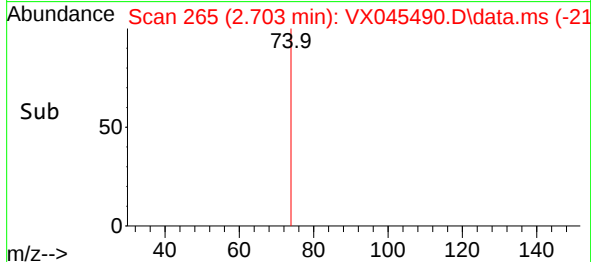
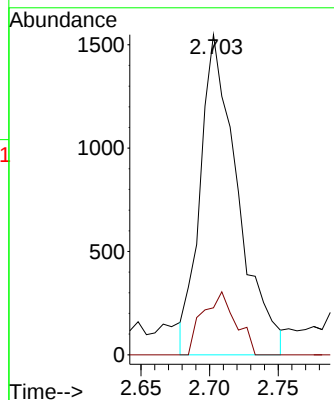
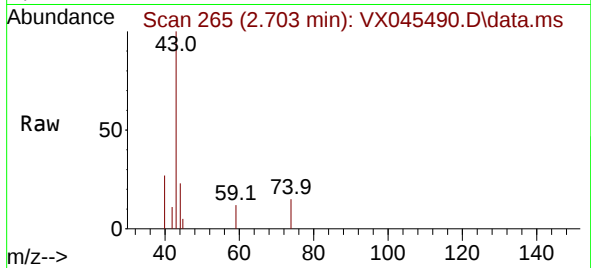
#18
Methyl Acetate
Concen: 2.517 ug/l m
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX045490.D
Acq: 27 Mar 2025 20:13

Instrument :
MSVOA_X
ClientSampleId :
PAT-1-032525

Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
74 17.2 17.4 26.2

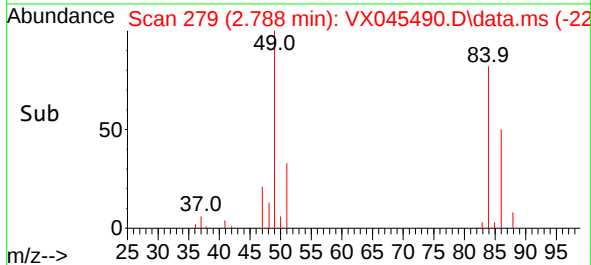
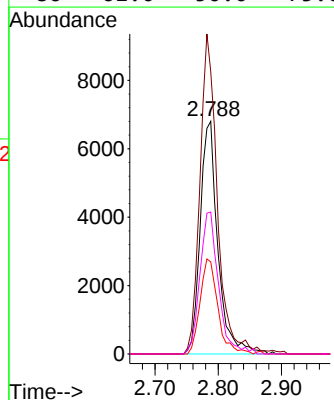
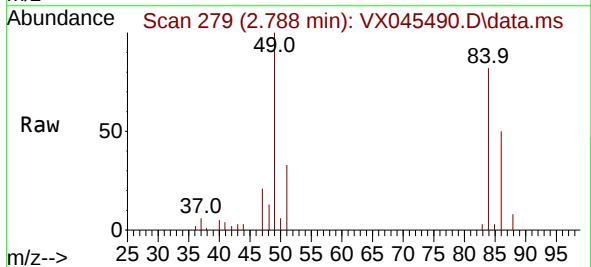
Manual Integrations
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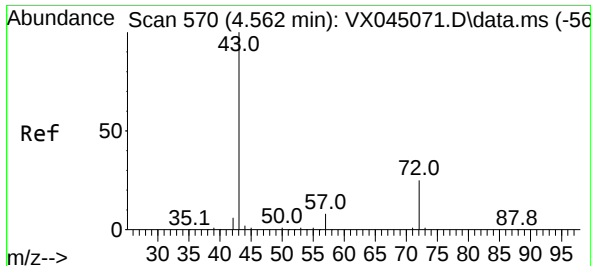
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#20
Methylene Chloride
Concen: 13.769 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045490.D
Acq: 27 Mar 2025 20:13

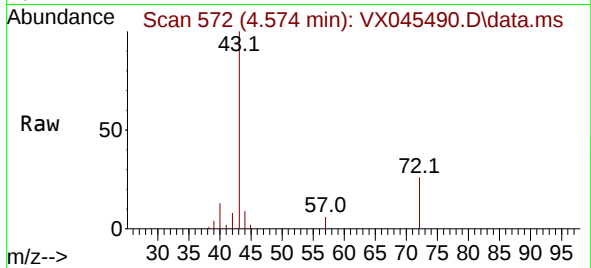
Tgt Ion: 84 Resp: 13272
Ion Ratio Lower Upper
84 100
49 121.3 106.5 159.7
51 39.5 32.1 48.1
86 61.0 50.0 75.0





#25
2-Butanone
Concen: 17.431 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX045490.D
Acq: 27 Mar 2025 20:13

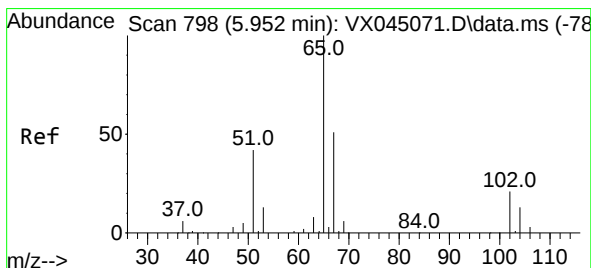
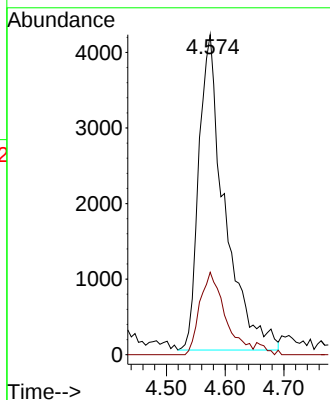
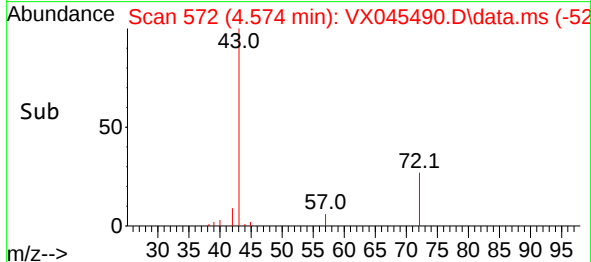
Instrument :
MSVOA_X
ClientSampleId :
PAT-1-032525



Tgt Ion: 43 Resp: 12768
Ion Ratio Lower Upper
43 100
72 26.1 20.0 30.0

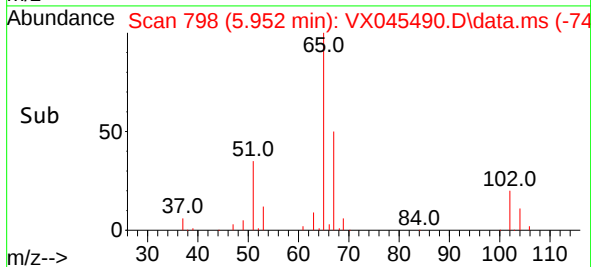
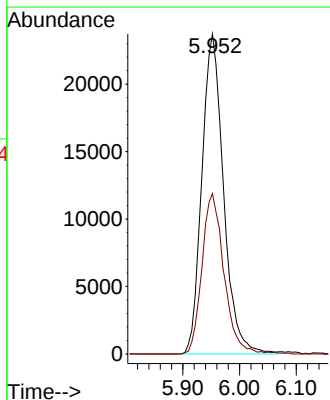
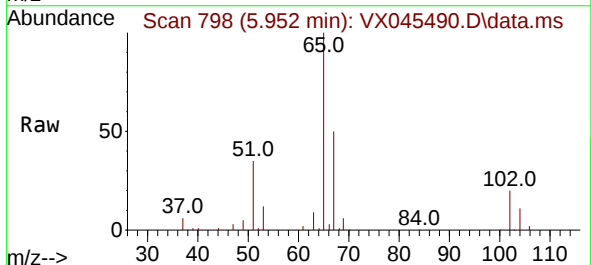
Manual Integrations
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#33
1,2-Dichloroethane-d4
Concen: 60.018 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045490.D
Acq: 27 Mar 2025 20:13

Tgt Ion: 65 Resp: 62947
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.2





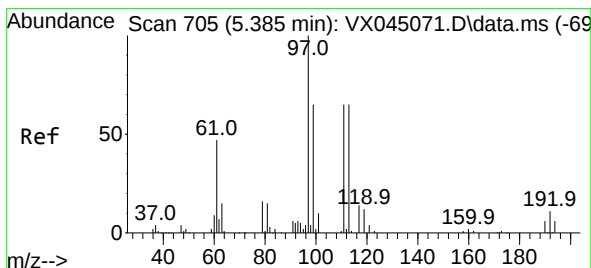
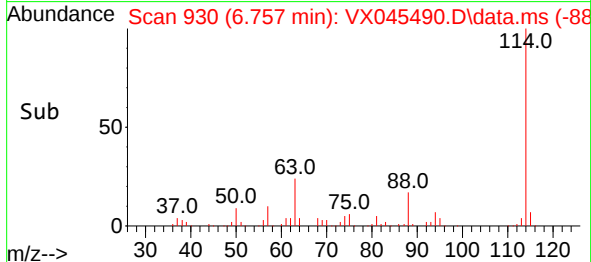
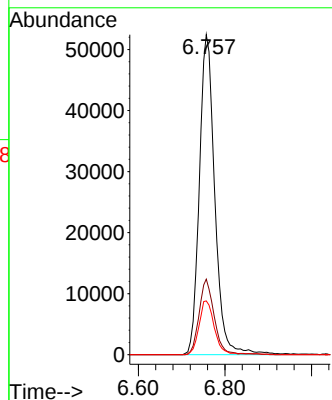
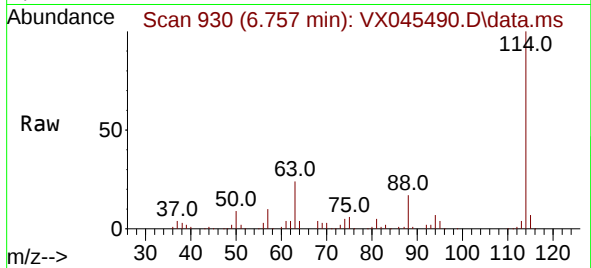
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. -0.000 min
Lab File: VX045490.D
Acq: 27 Mar 2025 20:13

Instrument :
MSVOA_X
ClientSampleId :
PAT-1-032525

Tgt Ion:114 Resp: 12964
Ion Ratio Lower Upper
114 100
63 23.6 0.0 41.8
88 16.8 0.0 32.8

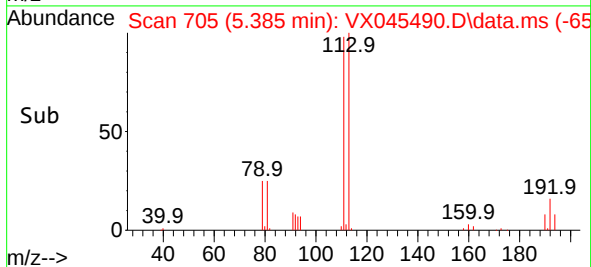
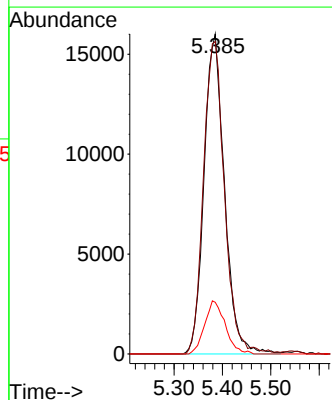
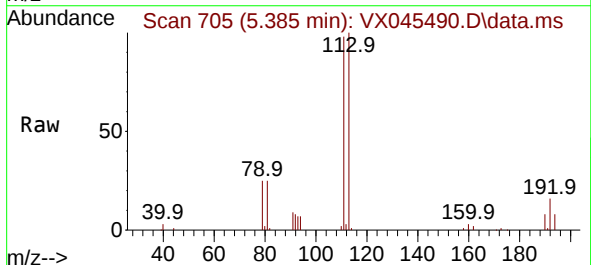
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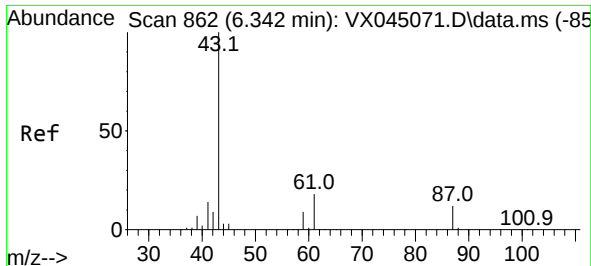
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#35
Dibromofluoromethane
Concen: 54.316 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045490.D
Acq: 27 Mar 2025 20:13

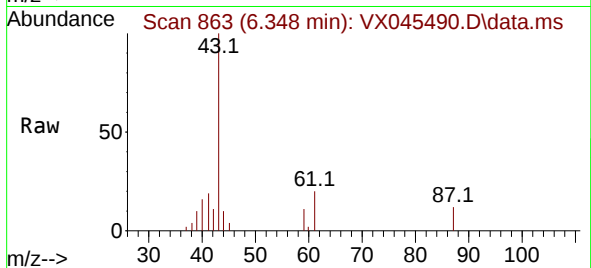
Tgt Ion:113 Resp: 47087
Ion Ratio Lower Upper
113 100
111 100.4 81.8 122.6
192 16.7 14.3 21.5





#43
Isopropyl Acetate
Concen: 4.639 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX045490.D
Acq: 27 Mar 2025 20:13

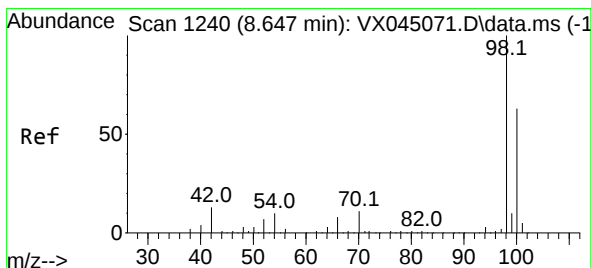
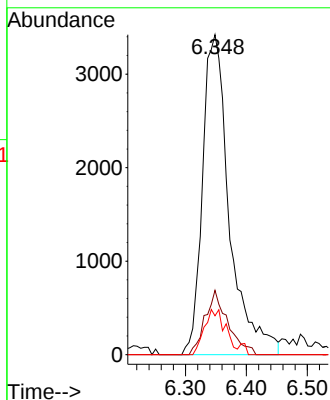
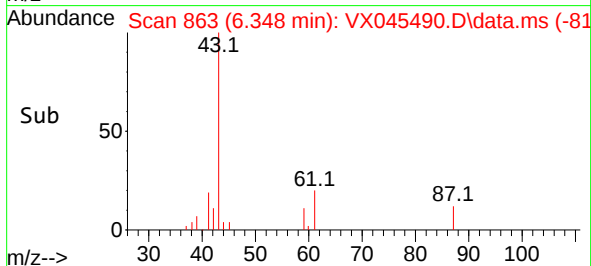
Instrument :
MSVOA_X
ClientSampleId :
PAT-1-032525



Tgt Ion: 43 Resp: 10509
Ion Ratio Lower Upper
43 100
61 17.0 14.9 22.3
87 11.1 9.4 14.2

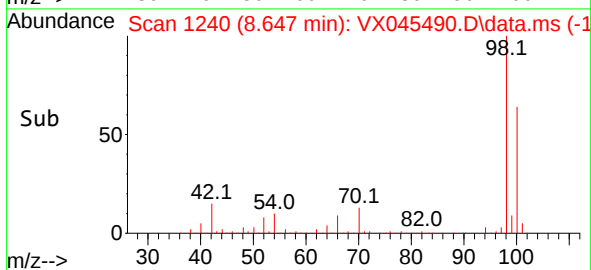
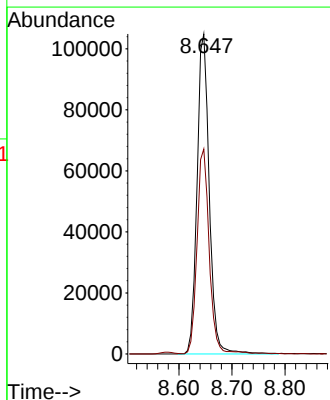
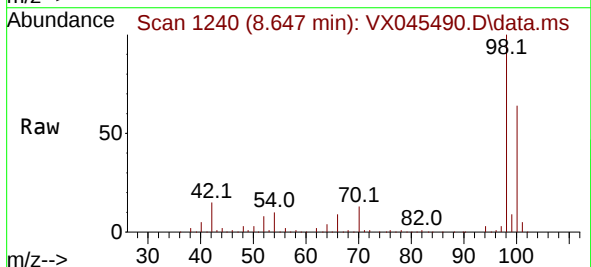
Manual Integrations
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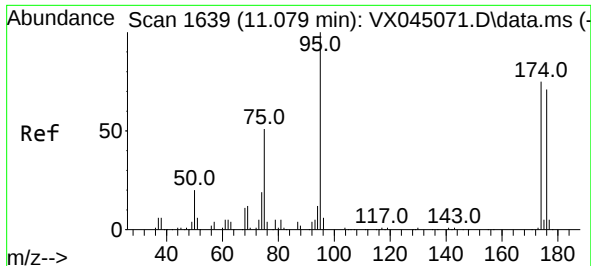
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#50
Toluene-d8
Concen: 53.336 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045490.D
Acq: 27 Mar 2025 20:13

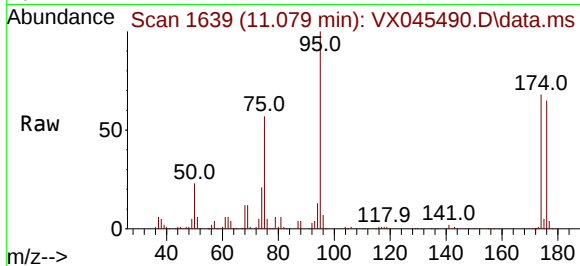
Tgt Ion: 98 Resp: 167628
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 58.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045490.D
Acq: 27 Mar 2025 20:13

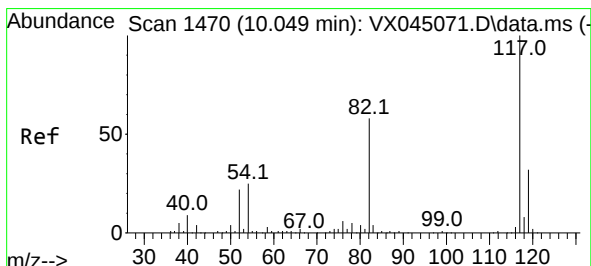
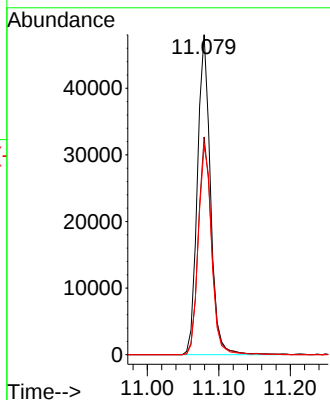
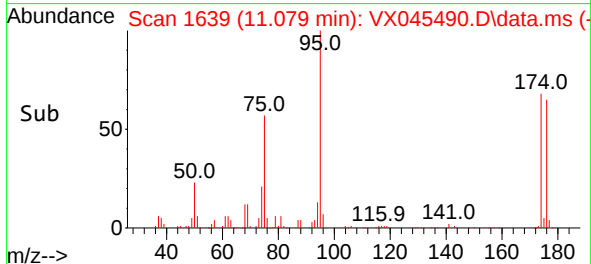
Instrument :
MSVOA_X
ClientSampleId :
PAT-1-032525



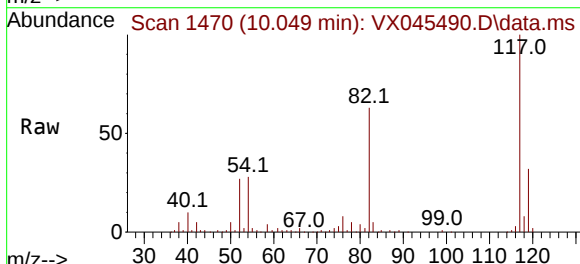
Tgt Ion: 95 Resp: 6044
Ion Ratio Lower Upper
95 100
174 69.7 0.0 148.2
176 67.2 0.0 141.4

Manual Integrations
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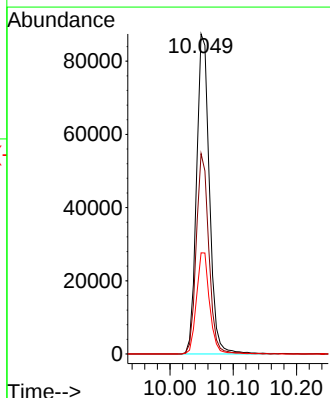
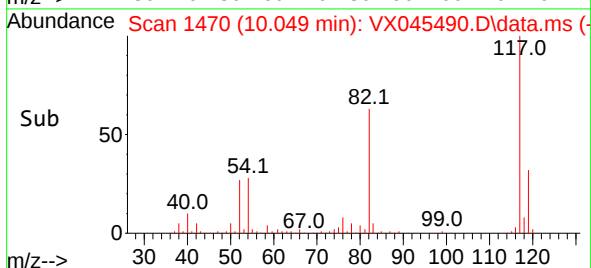
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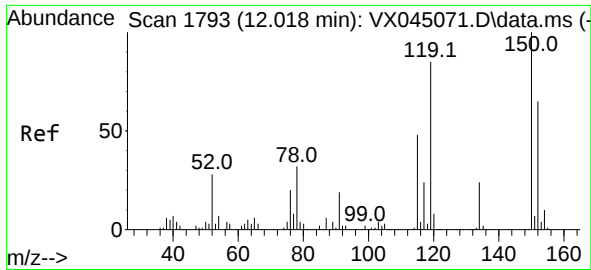


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045490.D
Acq: 27 Mar 2025 20:13



Tgt Ion:117 Resp: 123957
Ion Ratio Lower Upper
117 100
82 62.6 46.3 69.5
119 31.6 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045490.D

Acq: 27 Mar 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

PAT-1-032525

Tgt Ion:152 Resp: 50809

Ion Ratio Lower Upper

152 100

115 65.3 44.2 132.6

150 160.4 0.0 349.0

Manual Integrations

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