

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
 Data File : VX045492.D
 Acq On : 27 Mar 2025 20:59
 Operator : JC/MD
 Sample : Q1645-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-4

Quant Time: Mar 28 01:38:37 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	67031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64313	60.318	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.640%			
35) Dibromofluoromethane	5.379	113	47887	53.355	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.720%			
50) Toluene-d8	8.647	98	166681	51.227	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.460%			
62) 4-Bromofluorobenzene	11.079	95	63274	58.684	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.360%			
Target Compounds						
16) Acetone	2.380	43	103981	210.192	ug/l	97
18) Methyl Acetate	2.703	43	3972m	3.338	ug/l	
20) Methylene Chloride	2.788	84	3765	3.842	ug/l	89
25) 2-Butanone	4.568	43	13199	17.725	ug/l	96
43) Isopropyl Acetate	6.348	43	12908	5.504	ug/l	94

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

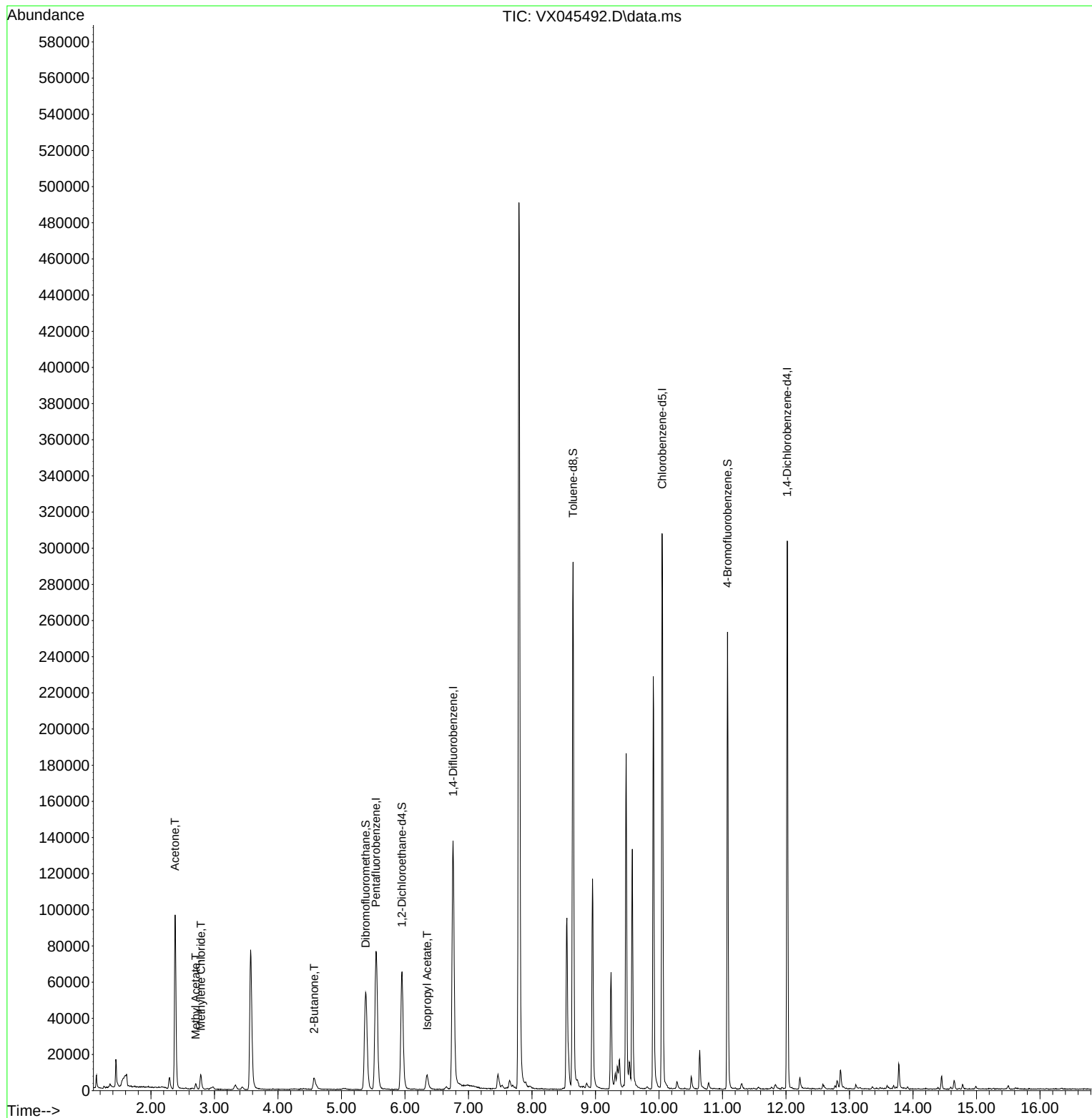
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
Data File : VX045492.D
Acq On : 27 Mar 2025 20:59
Operator : JC/MD
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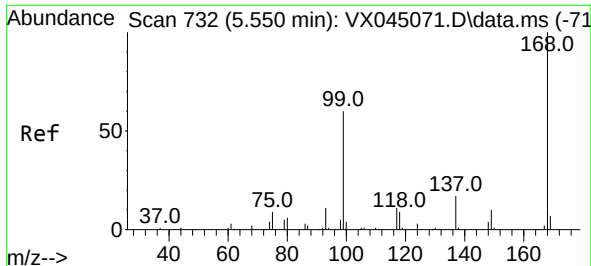
Instrument :
MSVOA_X
ClientSampleId :
TP-4

Quant Time: Mar 28 01:38:37 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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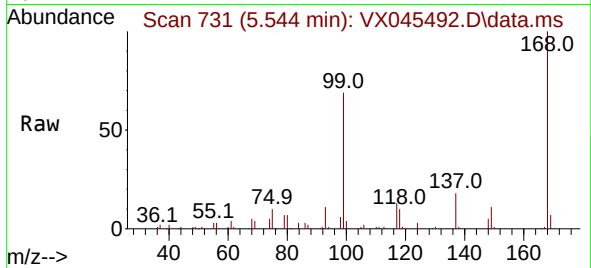
Reviewed By : John Carlone 03/28/2025
Supervised By : Mahesh Dadoda 03/28/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045492.D
Acq: 27 Mar 2025 20:59

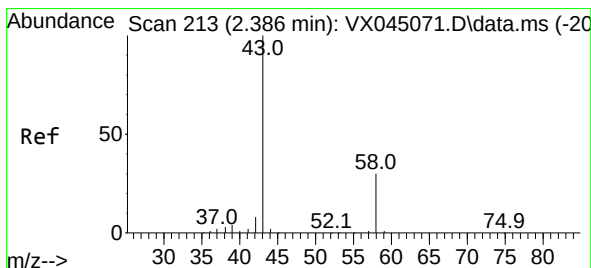
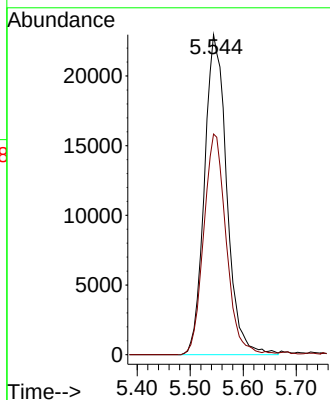
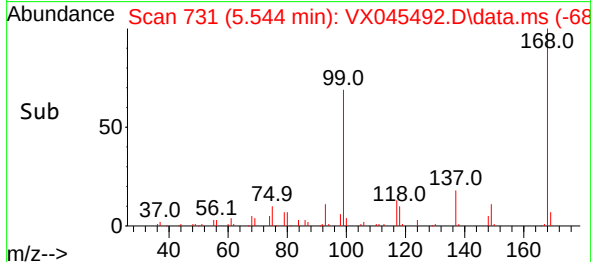
Instrument :
MSVOA_X
ClientSampleId :
TP-4



Tgt Ion:168 Resp: 6703
Ion Ratio Lower Upper
168 100
99 69.0 48.2 72.4

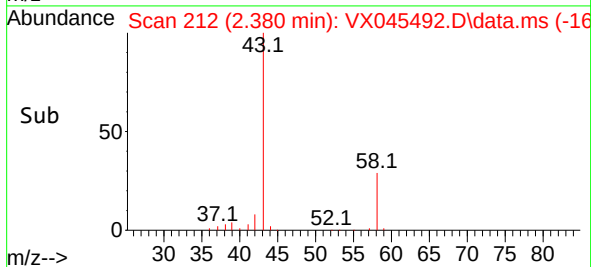
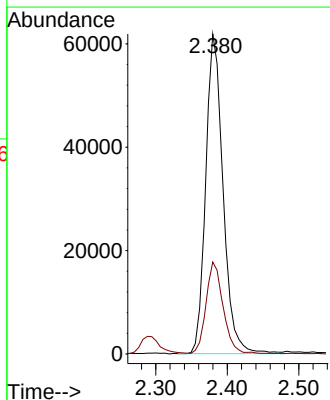
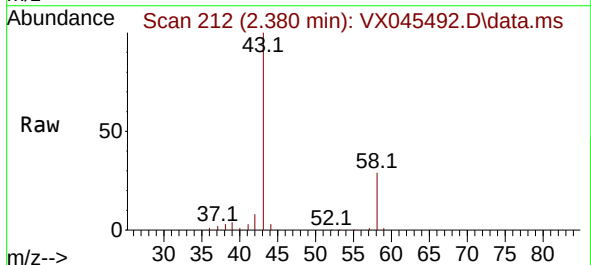
Manual Integrations
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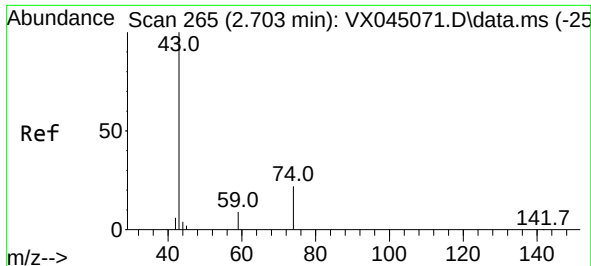
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16
Acetone
Concen: 210.192 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045492.D
Acq: 27 Mar 2025 20:59

Tgt Ion: 43 Resp: 103981
Ion Ratio Lower Upper
43 100
58 28.6 24.2 36.4





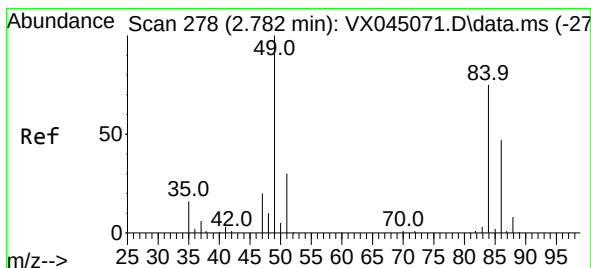
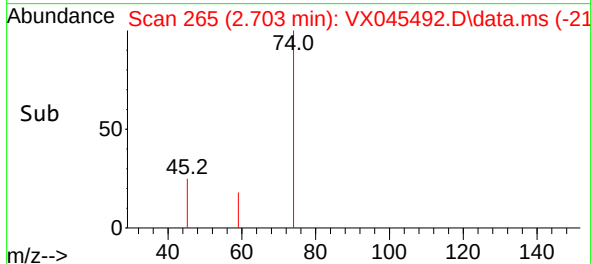
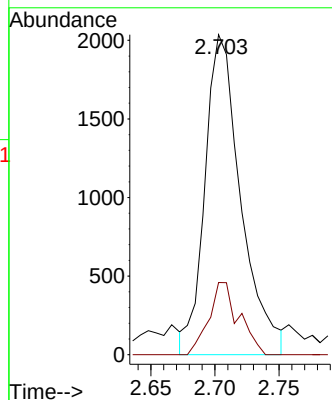
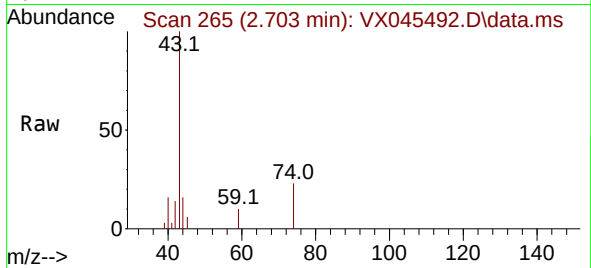
#18
Methyl Acetate
Concen: 3.338 ug/l m
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045492.D
Acq: 27 Mar 2025 20:59

Instrument :
MSVOA_X
ClientSampleId :
TP-4

Tgt Ion: 43 Resp: 3972
Ion Ratio Lower Upper
43 100
74 18.9 17.4 26.2

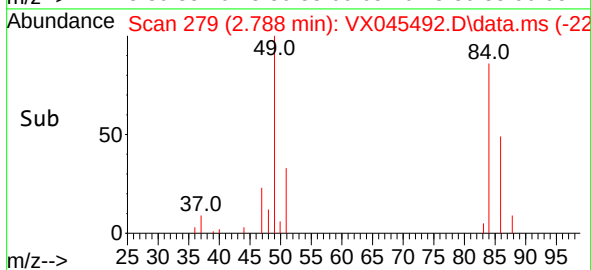
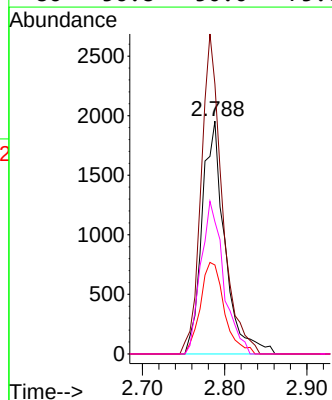
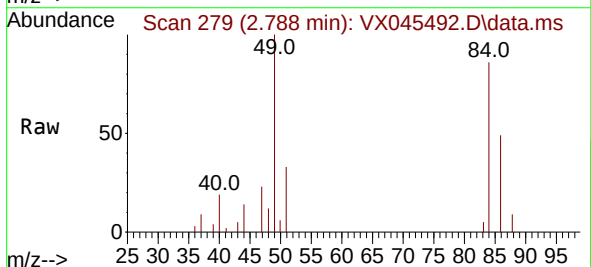
Manual Integrations
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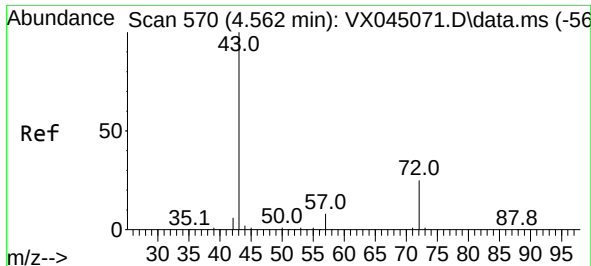
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#20
Methylene Chloride
Concen: 3.842 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045492.D
Acq: 27 Mar 2025 20:59

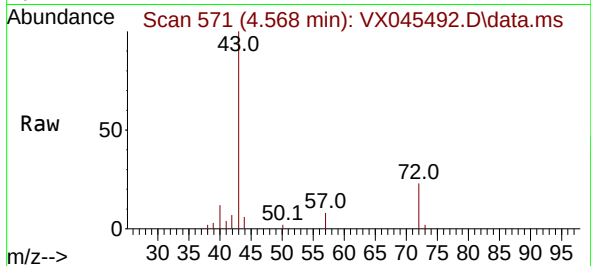
Tgt Ion: 84 Resp: 3765
Ion Ratio Lower Upper
84 100
49 115.9 106.5 159.7
51 38.2 32.1 48.1
86 56.8 50.0 75.0





#25
2-Butanone
Concen: 17.725 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX045492.D
Acq: 27 Mar 2025 20:59

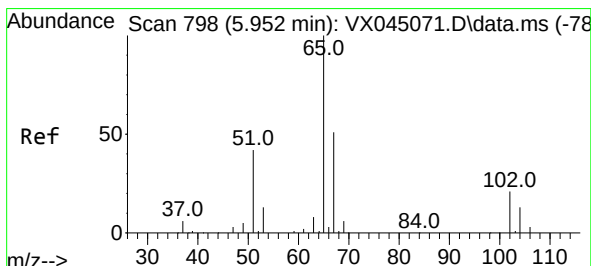
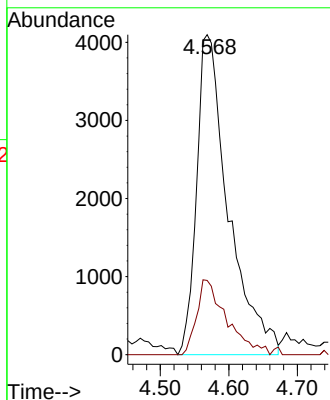
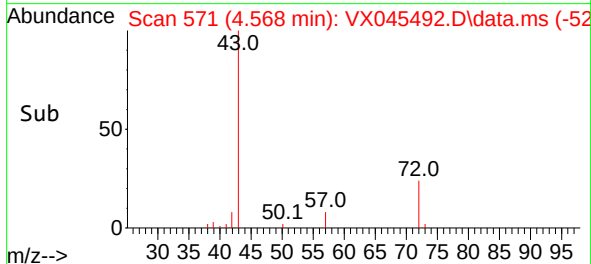
Instrument :
MSVOA_X
ClientSampleId :
TP-4



Tgt Ion: 43 Resp: 13199
Ion Ratio Lower Upper
43 100
72 23.2 20.0 30.0

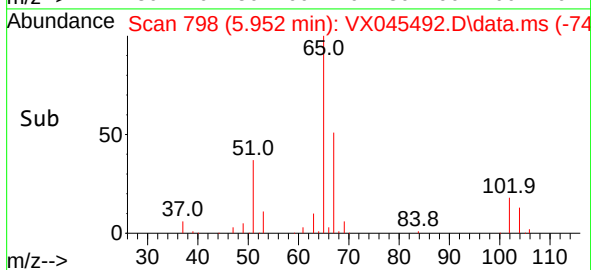
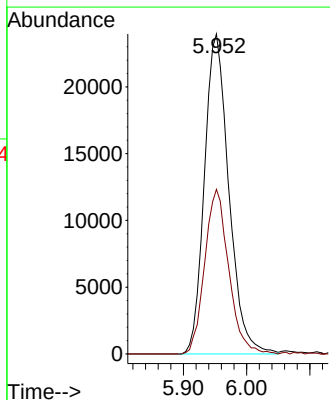
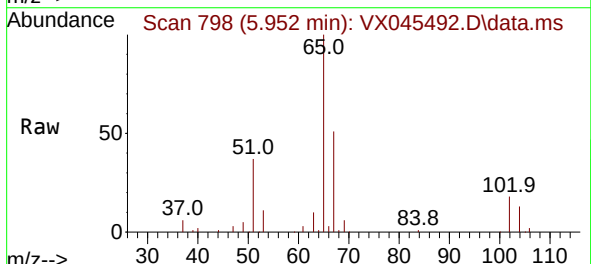
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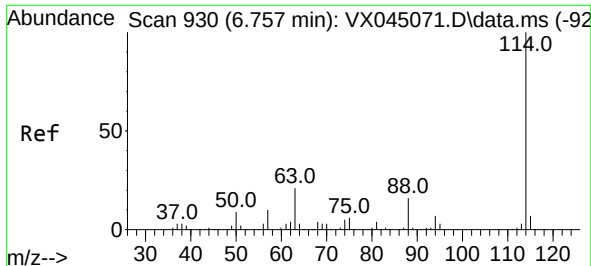
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#33
1,2-Dichloroethane-d4
Concen: 60.318 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045492.D
Acq: 27 Mar 2025 20:59

Tgt Ion: 65 Resp: 64313
Ion Ratio Lower Upper
65 100
67 50.6 0.0 106.2





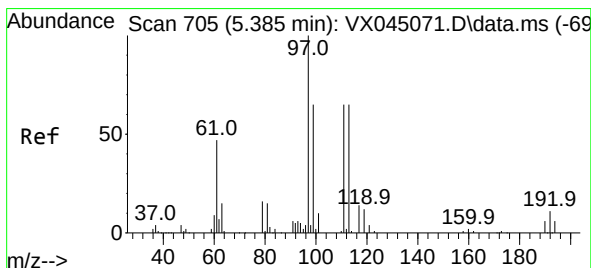
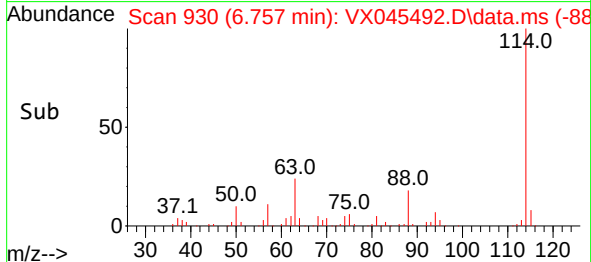
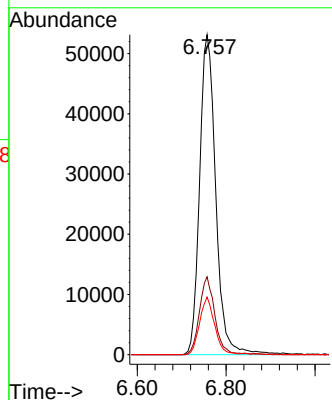
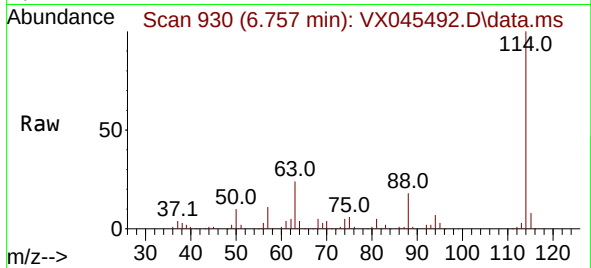
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045492.D
Acq: 27 Mar 2025 20:59

Instrument :
MSVOA_X
ClientSampleId :
TP-4

Tgt Ion:114 Resp: 13422
Ion Ratio Lower Upper
114 100
63 24.4 0.0 41.8
88 18.0 0.0 32.8

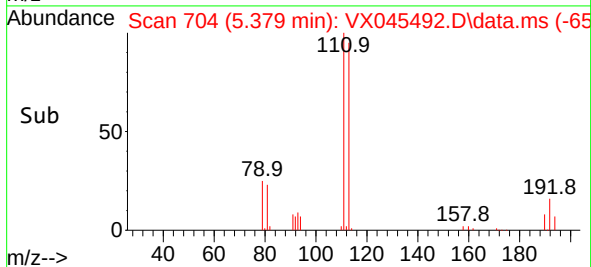
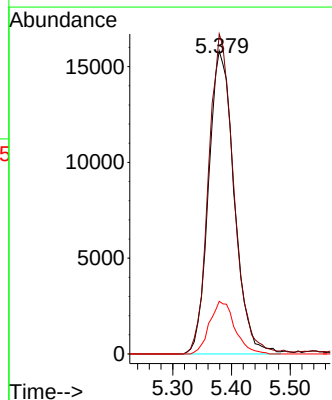
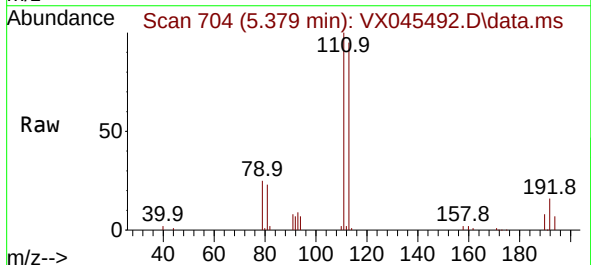
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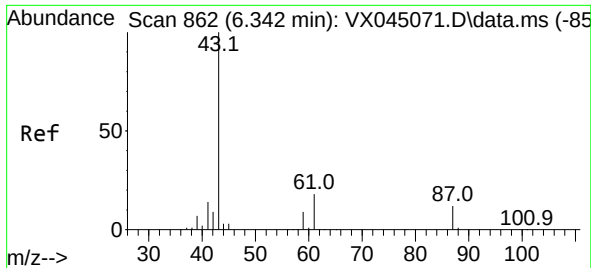
Reviewed By :John Carlone 03/28/2025
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#35
Dibromofluoromethane
Concen: 53.355 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045492.D
Acq: 27 Mar 2025 20:59

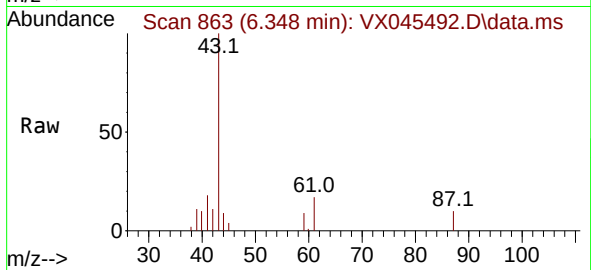
Tgt Ion:113 Resp: 47887
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 17.1 14.3 21.5





#43
Isopropyl Acetate
Concen: 5.504 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX045492.D
Acq: 27 Mar 2025 20:59

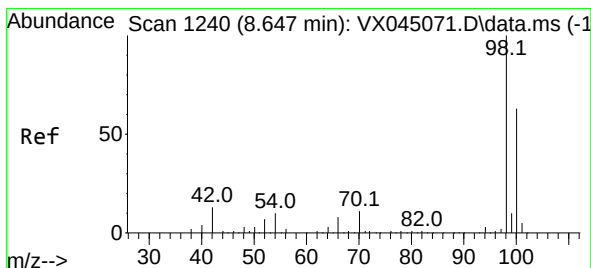
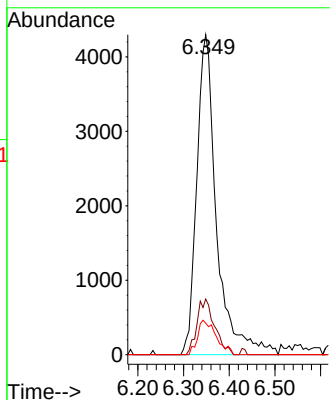
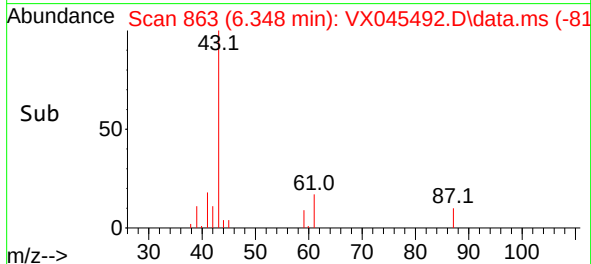
Instrument :
MSVOA_X
ClientSampleId :
TP-4



Tgt Ion: 43 Resp: 12908
Ion Ratio Lower Upper
43 100
61 15.6 14.9 22.3
87 10.1 9.4 14.2

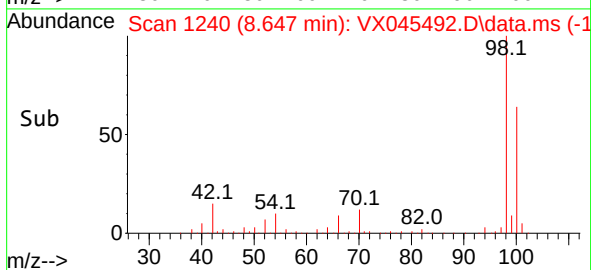
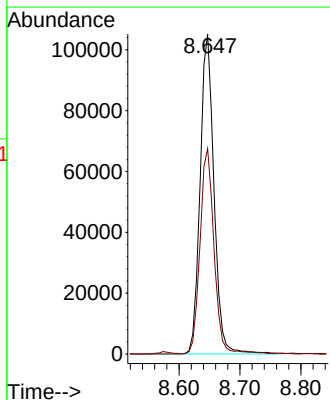
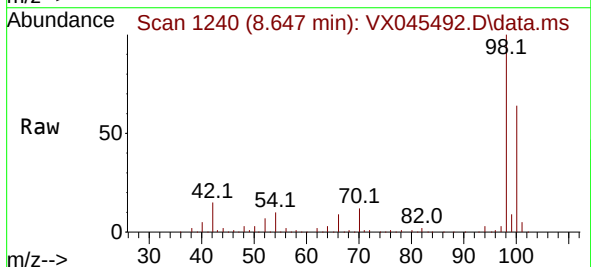
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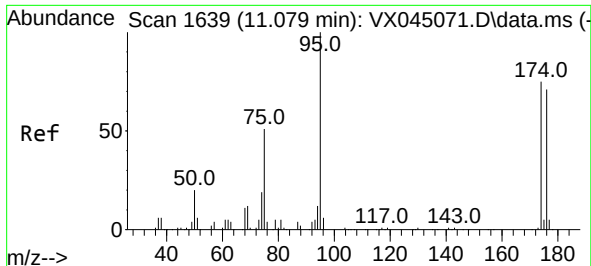
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#50
Toluene-d8
Concen: 51.227 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045492.D
Acq: 27 Mar 2025 20:59

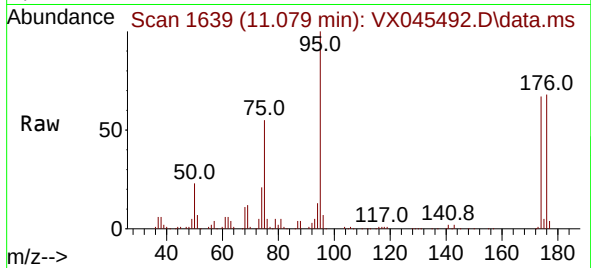
Tgt Ion: 98 Resp: 166681
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 58.684 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045492.D
Acq: 27 Mar 2025 20:59

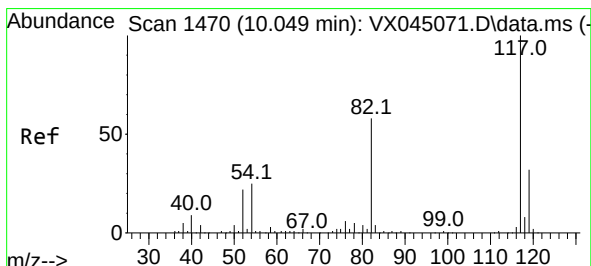
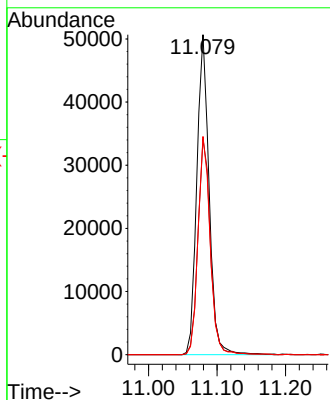
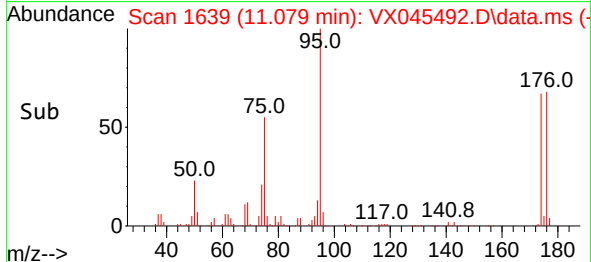
Instrument :
MSVOA_X
ClientSampleId :
TP-4



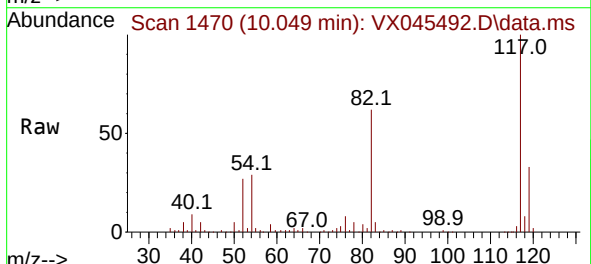
Tgt Ion: 95 Resp: 63274
Ion Ratio Lower Upper
95 100
174 68.5 0.0 148.2
176 67.3 0.0 141.4

Manual Integrations
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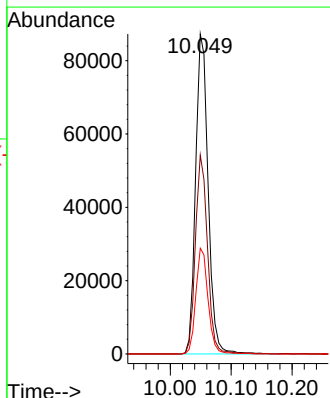
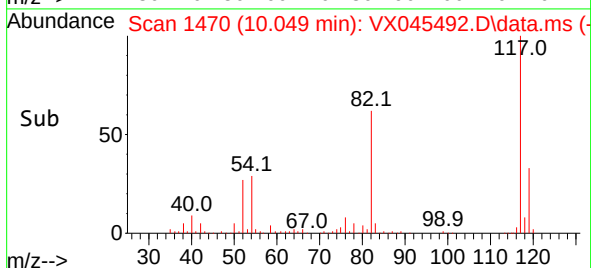
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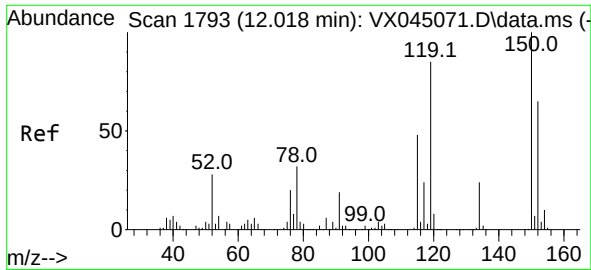


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045492.D
Acq: 27 Mar 2025 20:59



Tgt Ion:117 Resp: 124548
Ion Ratio Lower Upper
117 100
82 62.2 46.3 69.5
119 33.0 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: VX045492.D

Acq: 27 Mar 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

TP-4

Tgt Ion:152 Resp: 5646

Ion Ratio Lower Upper

152 100

115 64.0 44.2 132.6

150 155.9 0.0 349.0

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