

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046559.D
 Acq On : 07 Jun 2025 05:57
 Operator : JC/MD
 Sample : Q2240-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Quant Time: Jun 07 06:26:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	123242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	129823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	103444	47.179	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.360%		
35) Dibromofluoromethane	5.403	113	78629	45.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.480%		
50) Toluene-d8	8.653	98	302403	53.353	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.700%		
62) 4-Bromofluorobenzene	11.079	95	139205	59.360	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	118.720%		
Target Compounds						
						Qvalue
8) Diethyl Ether	2.148	74	27450	30.246	ug/l	94
16) Acetone	2.392	43	15293	22.030	ug/l	97
18) Methyl Acetate	2.721	43	11189	4.284	ug/l	99
20) Methylene Chloride	2.806	84	2865	1.629	ug/l	90
37) Ethyl Acetate	4.751	43	7035m	2.935	ug/l	
43) Isopropyl Acetate	6.360	43	4441	1.063	ug/l #	92

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

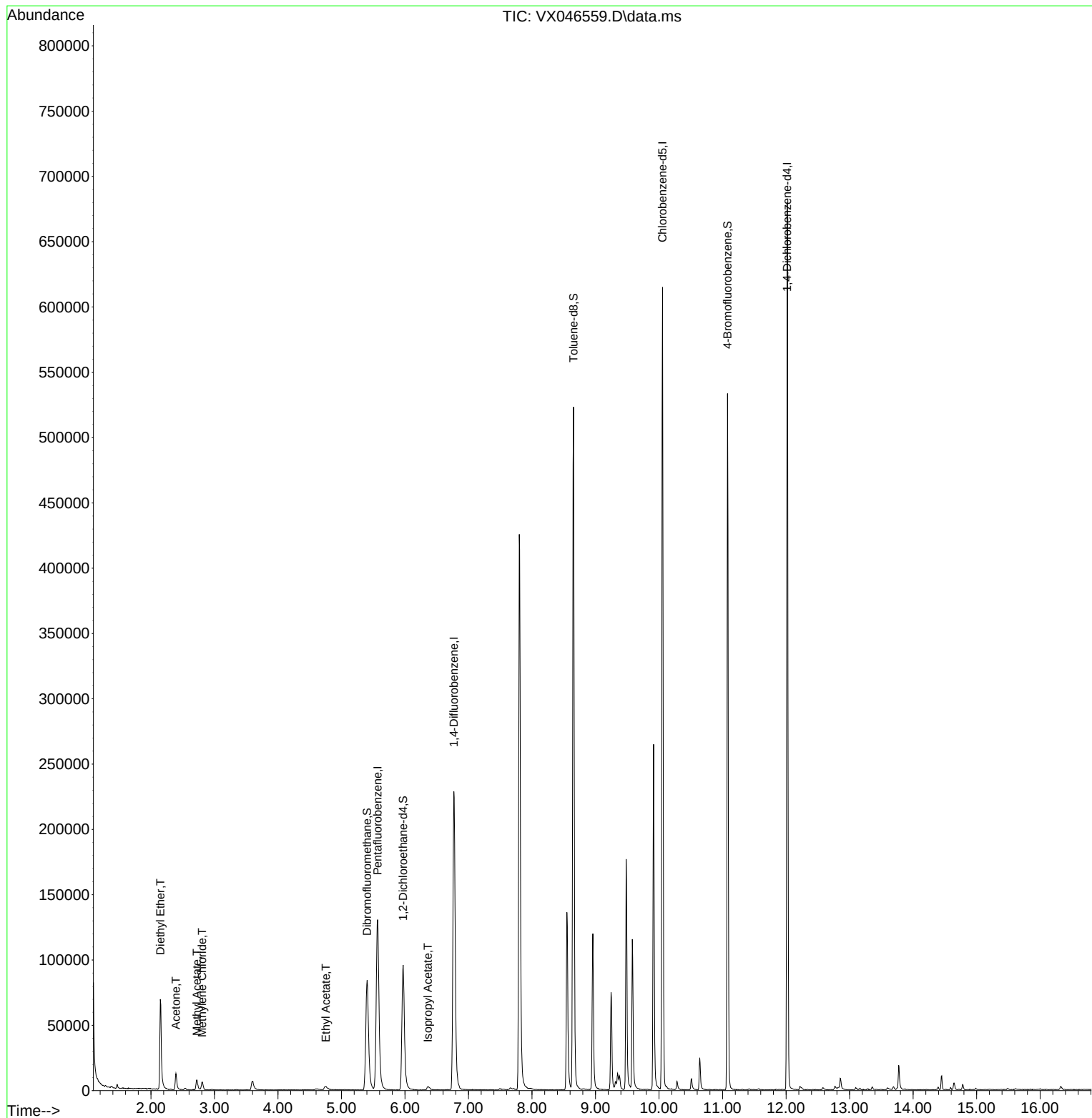
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046559.D
Acq On : 07 Jun 2025 05:57
Operator : JC/MD
Sample : Q2240-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

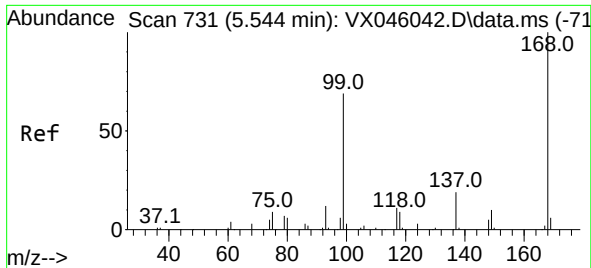
Instrument :
MSVOA_X
ClientSampleId :
TP-3

Quant Time: Jun 07 06:26:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

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APPROVED

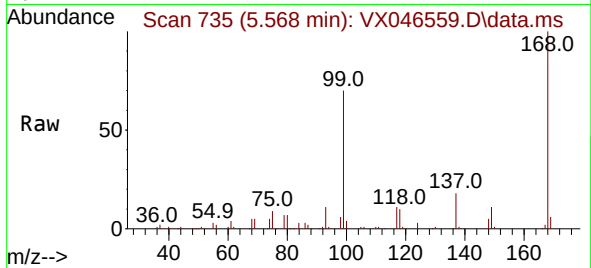
Reviewed By : John Carlone 06/09/2025
Supervised By : Mahesh Dadoda 06/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046559.D
Acq: 07 Jun 2025 05:57

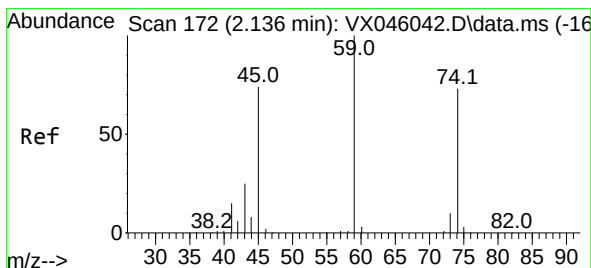
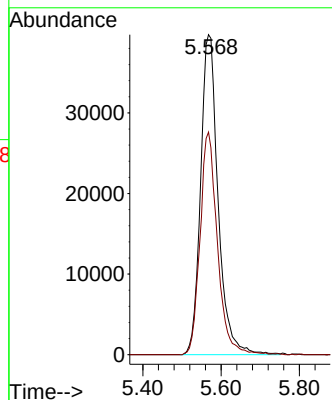
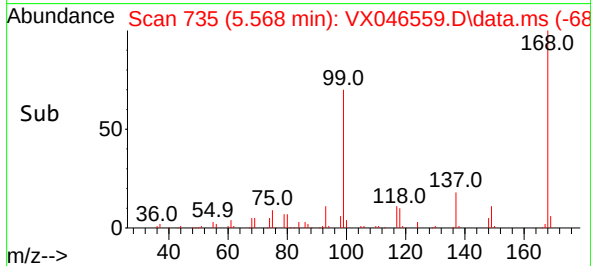
Instrument :
MSVOA_X
ClientSampleId :
TP-3



Tgt Ion:168 Resp: 12324
Ion Ratio Lower Upper
168 100
99 69.6 54.9 82.3

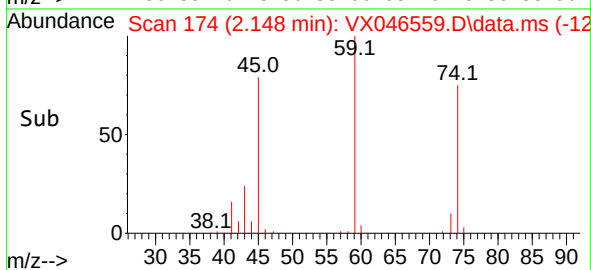
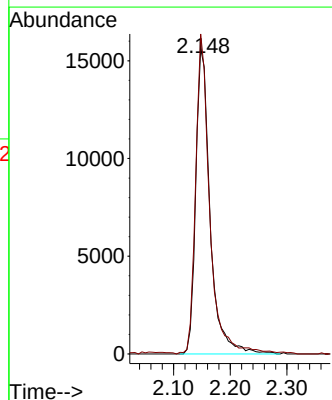
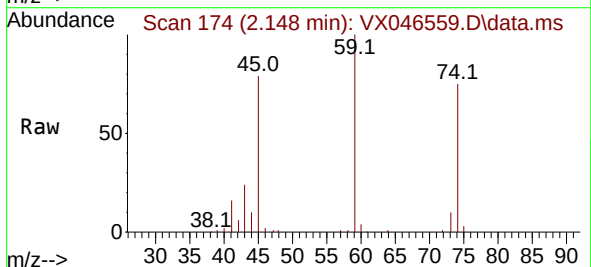
Manual Integrations
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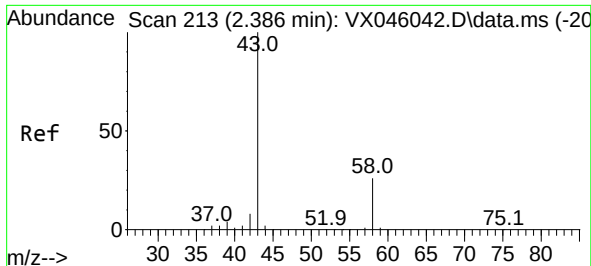
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 30.246 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046559.D
Acq: 07 Jun 2025 05:57

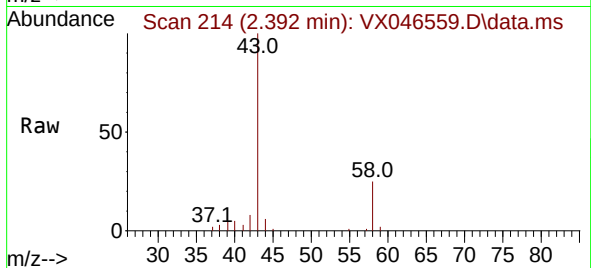
Tgt Ion: 74 Resp: 27450
Ion Ratio Lower Upper
74 100
45 103.4 54.9 164.8





#16
Acetone
Concen: 22.030 ug/l
RT: 2.392 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046559.D
Acq: 07 Jun 2025 05:57

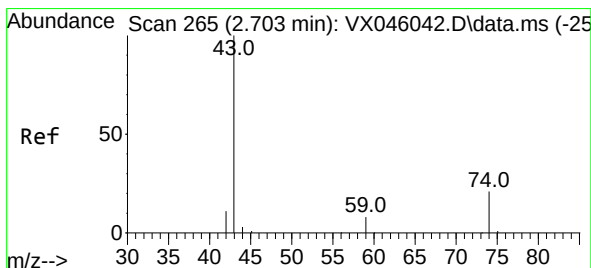
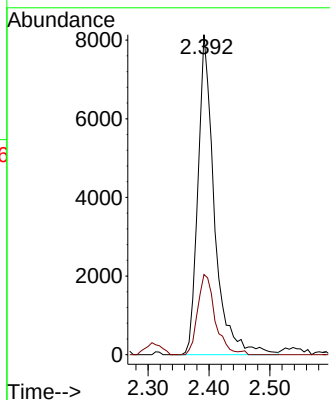
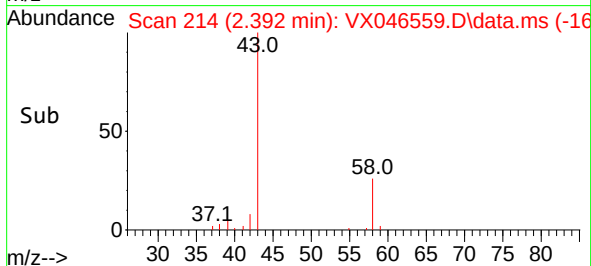
Instrument :
MSVOA_X
ClientSampleId :
TP-3



Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 25.1 21.2 31.8

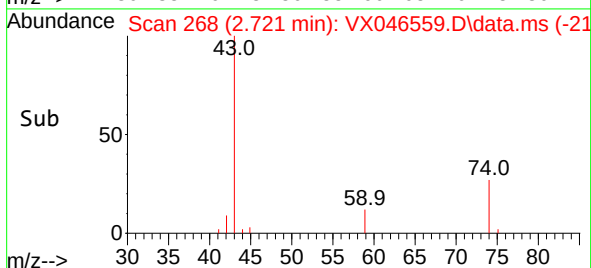
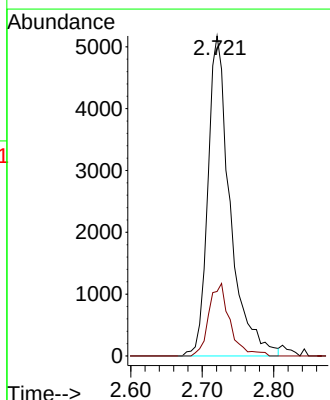
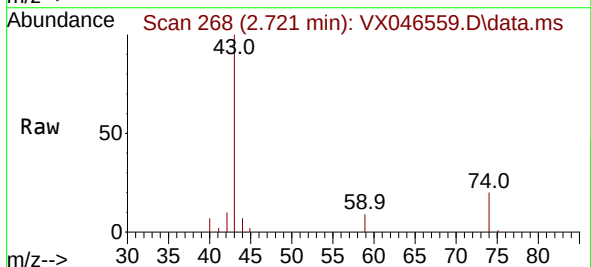
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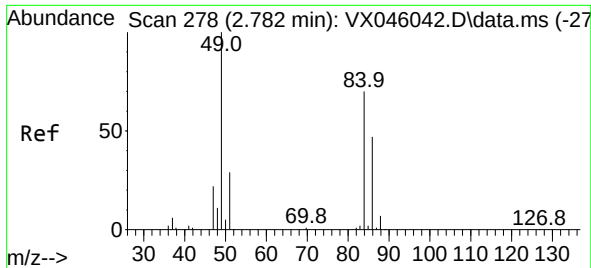
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#18
Methyl Acetate
Concen: 4.284 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046559.D
Acq: 07 Jun 2025 05:57

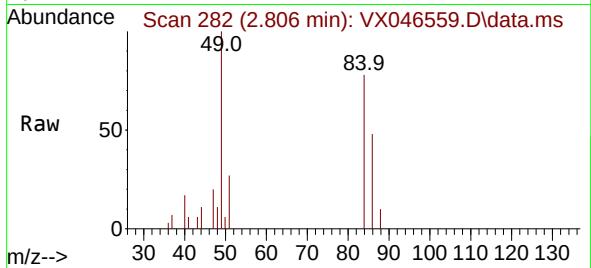
Tgt Ion: 43 Resp: 11189
Ion Ratio Lower Upper
43 100
74 21.4 16.7 25.1





#20
Methylene Chloride
Concen: 1.629 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046559.D
Acq: 07 Jun 2025 05:57

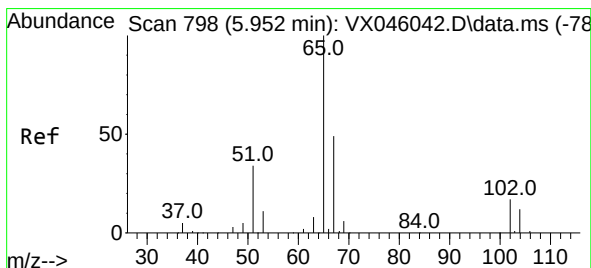
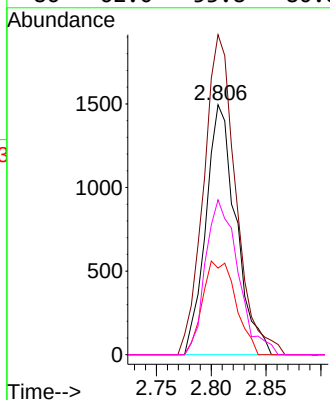
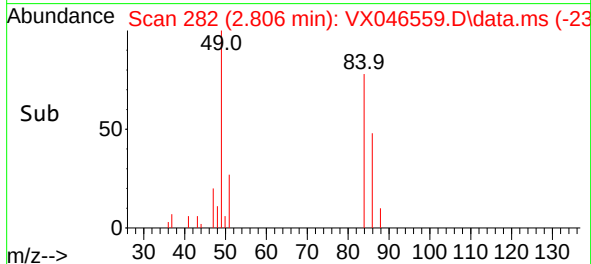
Instrument :
MSVOA_X
ClientSampleId :
TP-3



Tgt Ion: 84 Resp: 286
Ion Ratio Lower Upper
84 100
49 128.0 113.9 170.9
51 34.6 33.5 50.3
86 62.0 53.8 80.8

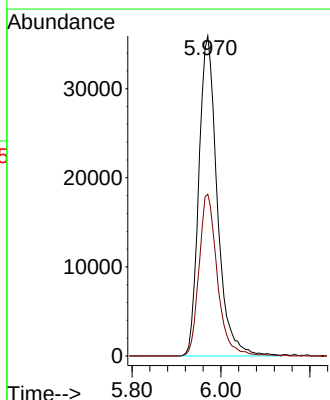
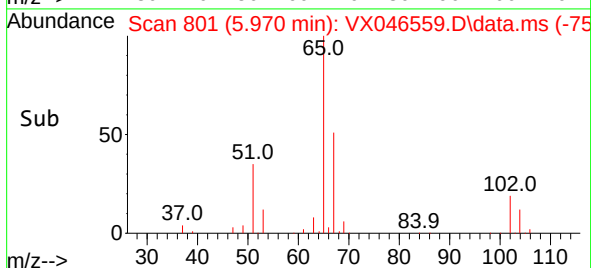
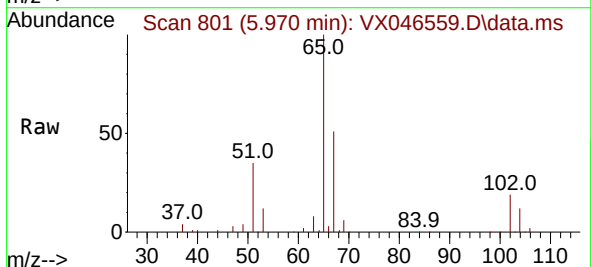
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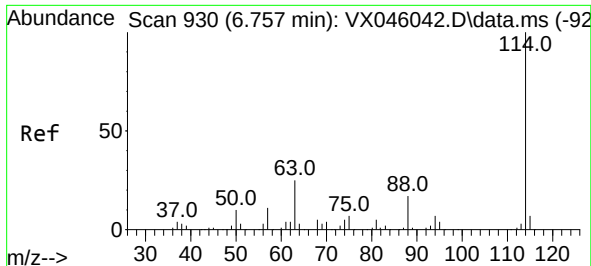
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#33
1,2-Dichloroethane-d4
Concen: 47.179 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046559.D
Acq: 07 Jun 2025 05:57

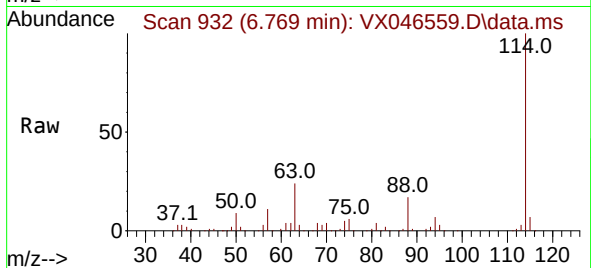
Tgt Ion: 65 Resp: 103444
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046559.D
Acq: 07 Jun 2025 05:57

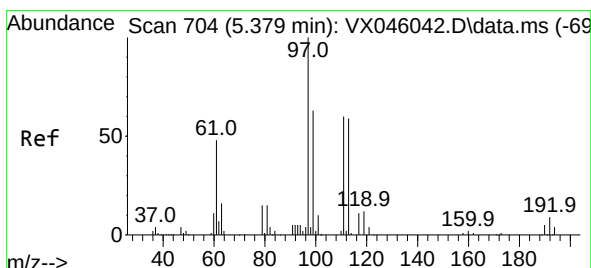
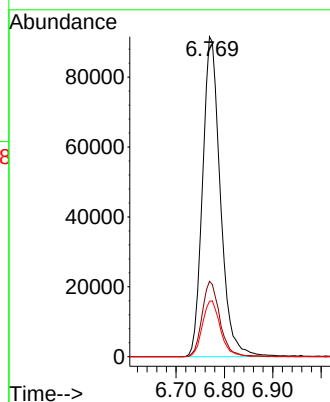
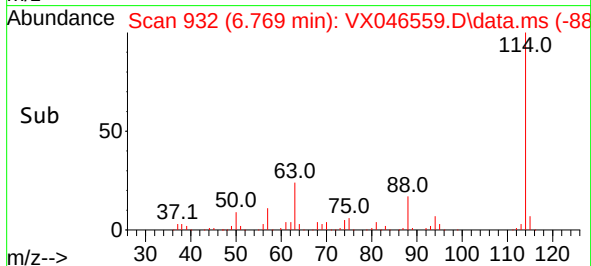
Instrument :
MSVOA_X
ClientSampleId :
TP-3



Tgt Ion:114 Resp: 233778
Ion Ratio Lower Upper
114 100
63 23.6 0.0 49.2
88 17.3 0.0 33.6

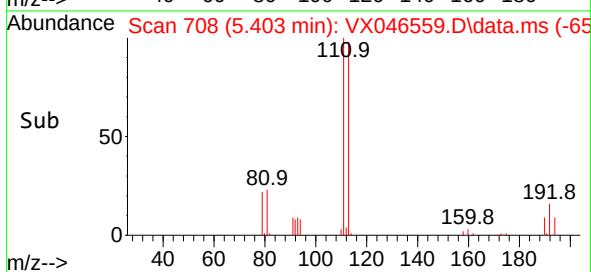
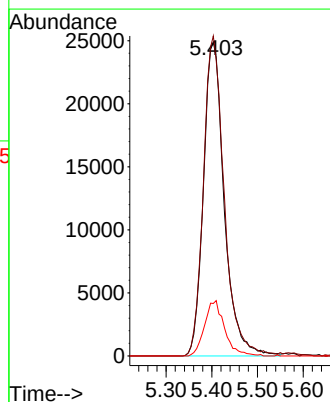
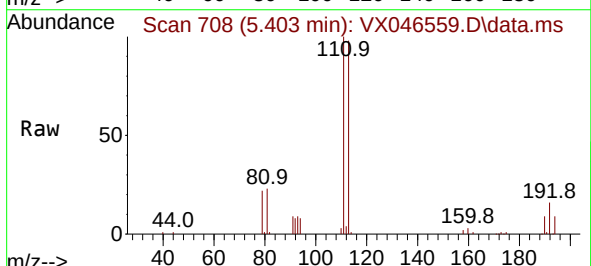
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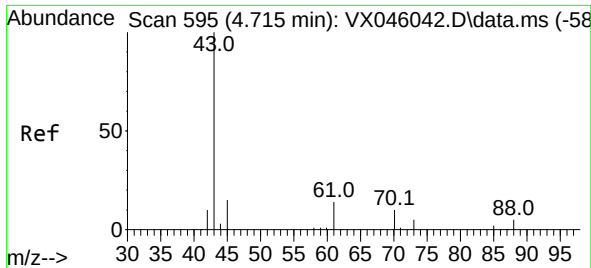
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#35
Dibromofluoromethane
Concen: 45.736 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046559.D
Acq: 07 Jun 2025 05:57

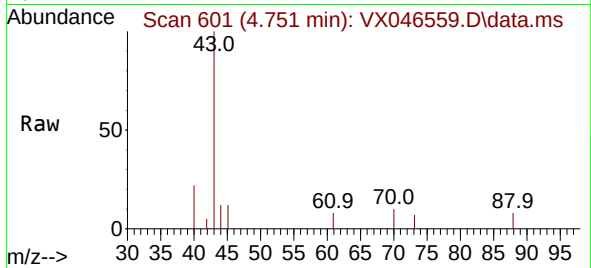
Tgt Ion:113 Resp: 78629
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 17.1 13.3 19.9





#37
Ethyl Acetate
Concen: 2.935 ug/l m
RT: 4.751 min Scan# 601
Delta R.T. 0.018 min
Lab File: VX046559.D
Acq: 07 Jun 2025 05:57

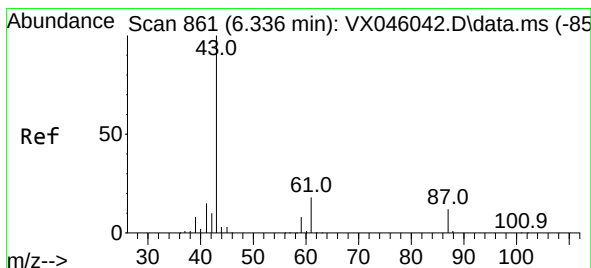
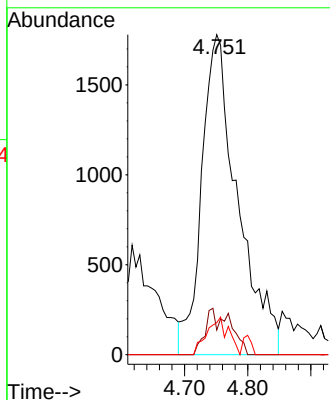
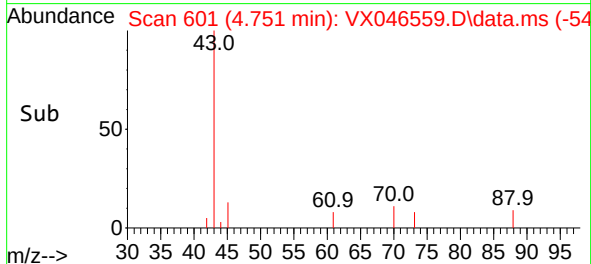
Instrument :
MSVOA_X
ClientSampleId :
TP-3



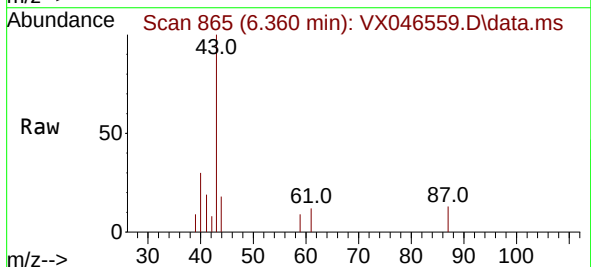
Tgt Ion: 43 Resp: 7035
Ion Ratio Lower Upper
43 100
61 4.6 10.3 15.5
70 7.0 7.9 11.9

Manual Integrations
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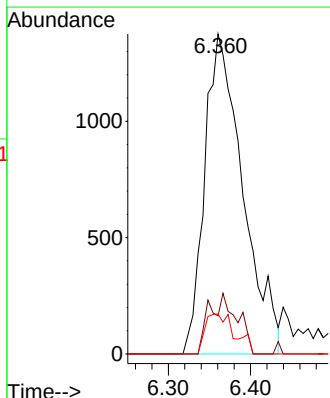
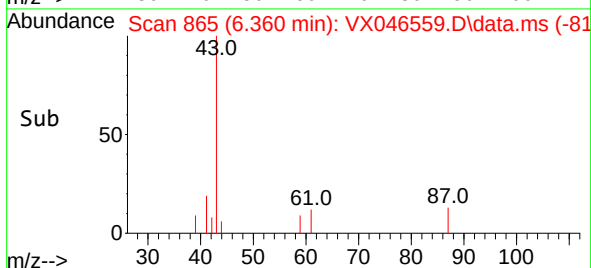
Reviewed By :John Carlone 06/09/2025
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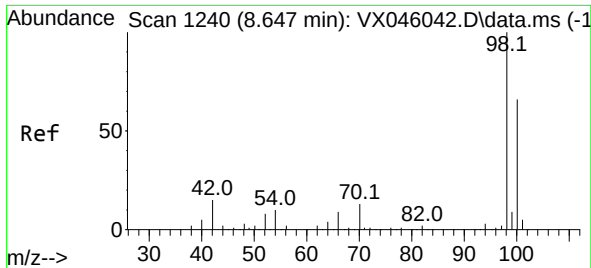


#43
Isopropyl Acetate
Concen: 1.063 ug/l
RT: 6.360 min Scan# 865
Delta R.T. 0.006 min
Lab File: VX046559.D
Acq: 07 Jun 2025 05:57



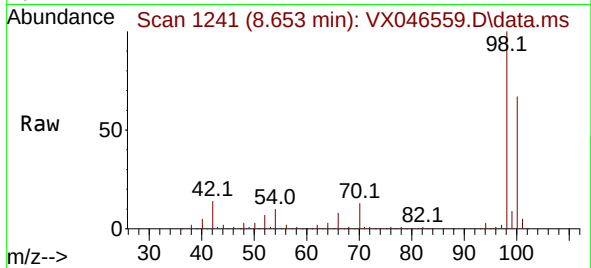
Tgt Ion: 43 Resp: 4441
Ion Ratio Lower Upper
43 100
61 13.9 14.3 21.5
87 9.7 9.5 14.3





#50
Toluene-d8
Concen: 53.353 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046559.D
Acq: 07 Jun 2025 05:57

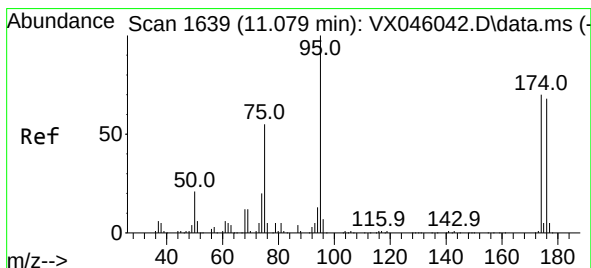
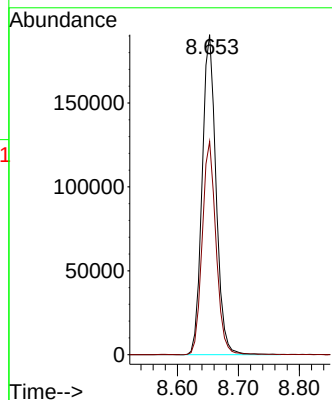
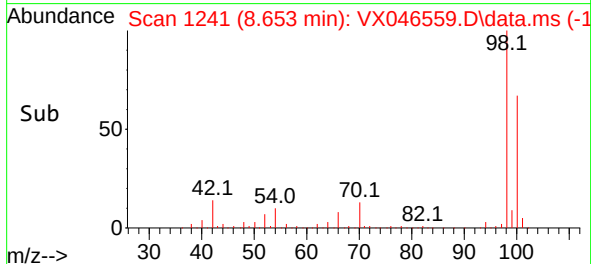
Instrument :
MSVOA_X
ClientSampleId :
TP-3



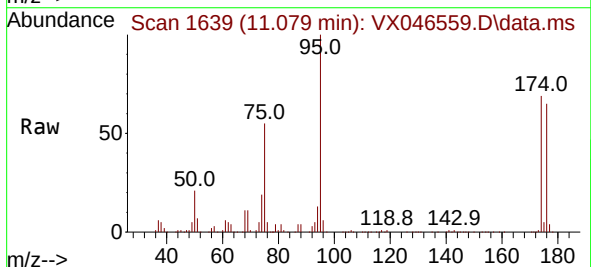
Tgt Ion: 98 Resp: 30240
Ion Ratio Lower Upper
98 100
100 66.2 53.5 80.3

Manual Integrations
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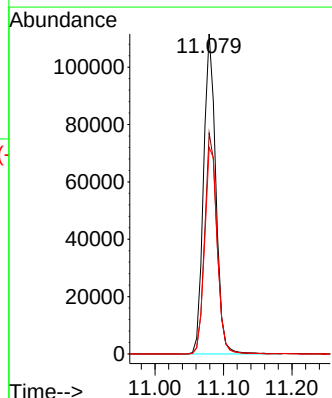
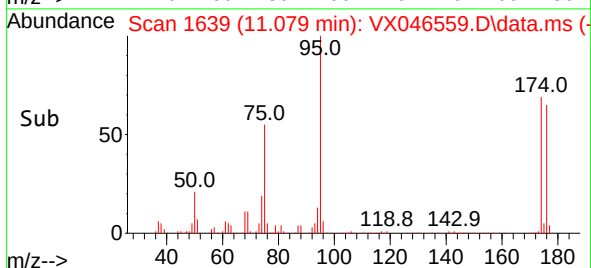
Reviewed By :John Carlone 06/09/2025
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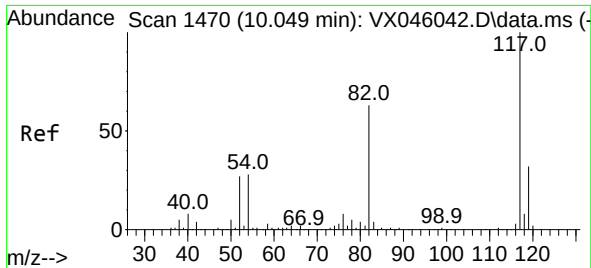


#62
4-Bromofluorobenzene
Concen: 59.360 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046559.D
Acq: 07 Jun 2025 05:57



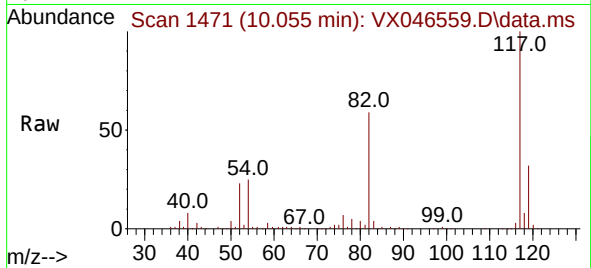
Tgt Ion: 95 Resp: 139205
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.8
176 66.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046559.D
Acq: 07 Jun 2025 05:57

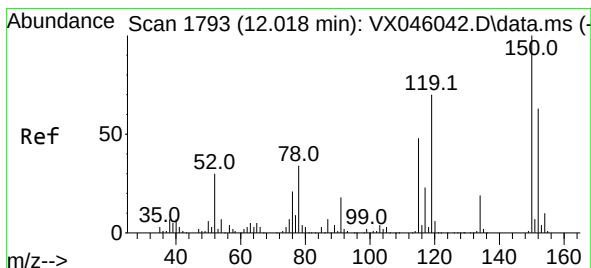
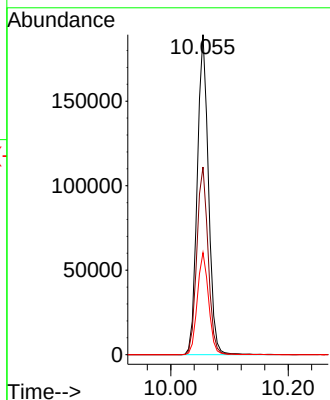
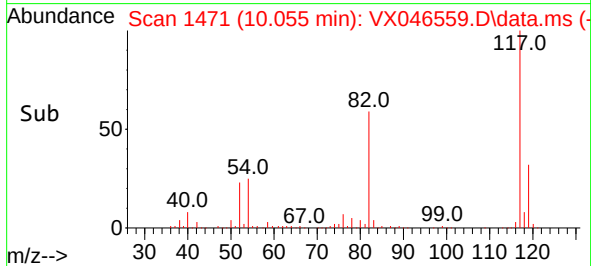
Instrument :
MSVOA_X
ClientSampleId :
TP-3



Tgt Ion:117 Resp: 250400
Ion Ratio Lower Upper
117 100
82 58.7 50.6 76.0
119 31.9 25.8 38.6

Manual Integrations
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Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046559.D
Acq: 07 Jun 2025 05:57

Tgt Ion:152 Resp: 129823
Ion Ratio Lower Upper
152 100
115 64.2 46.9 140.7
150 156.8 0.0 351.0

