

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046576.D
 Acq On : 09 Jun 2025 14:02
 Operator : JC/MD
 Sample : PB168334TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168334TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2025
 Supervised By : Mahesh Dadoda 06/10/2025

Quant Time: Jun 10 01:43:13 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

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	112492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	203089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97720	48.827	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.660%		
35) Dibromofluoromethane	5.397	113	72136	48.300	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.600%		
50) Toluene-d8	8.653	98	258103	52.418	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.840%		
62) 4-Bromofluorobenzene	11.079	95	98032	48.120	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.240%		
Target Compounds						Qvalue
8) Diethyl Ether	2.148	74	13449	16.235	ug/l	99
16) Acetone	2.392	43	14698	22.953	ug/l	97
18) Methyl Acetate	2.721	43	10861	4.556	ug/l	99
20) Methylene Chloride	2.800	84	3234	2.014	ug/l	92
37) Ethyl Acetate	4.751	43	5976m	2.870	ug/l	
43) Isopropyl Acetate	6.361	43	5144	1.417	ug/l #	81

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

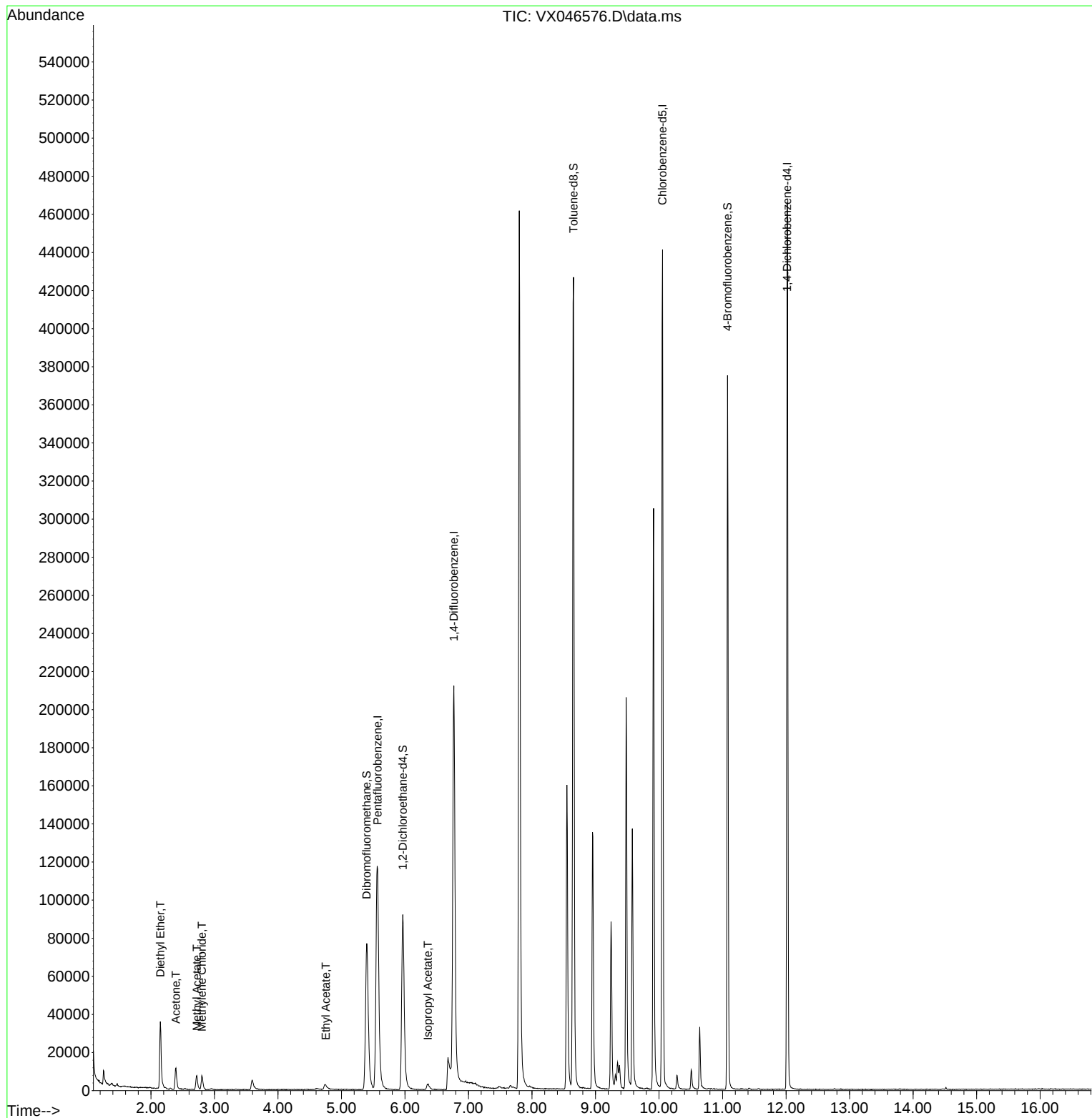
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
Data File : VX046576.D
Acq On : 09 Jun 2025 14:02
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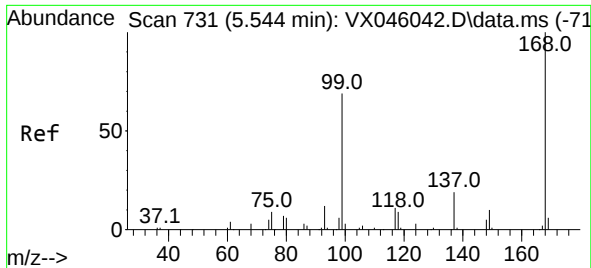
Instrument :
MSVOA_X
ClientSampleId :
PB168334TB

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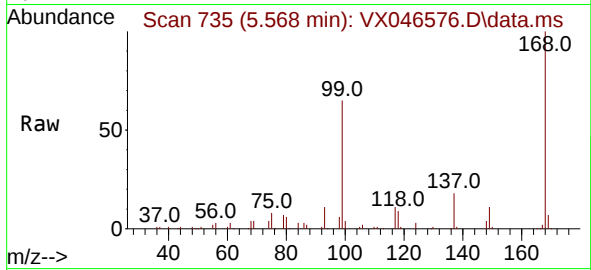
Quant Time: Jun 10 01:43:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046576.D
Acq: 09 Jun 2025 14:02

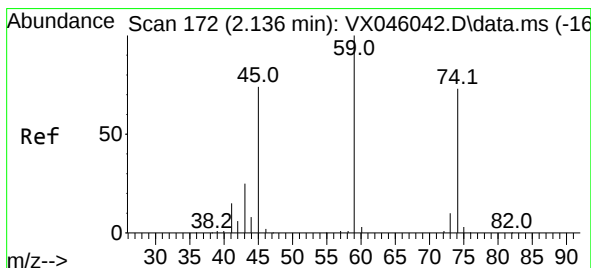
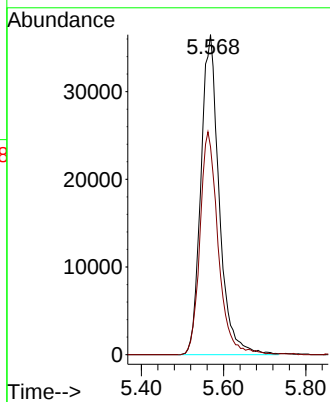
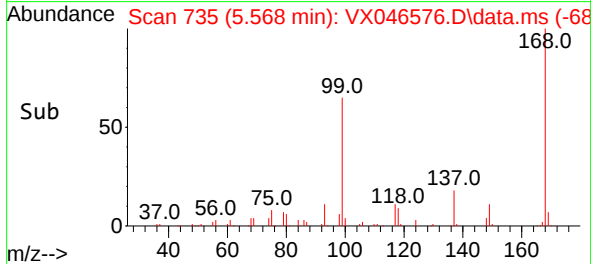
Instrument :
MSVOA_X
ClientSampleId :
PB168334TB



Tgt Ion:168 Resp: 112492
Ion Ratio Lower Upper
168 100
99 64.9 54.9 82.3

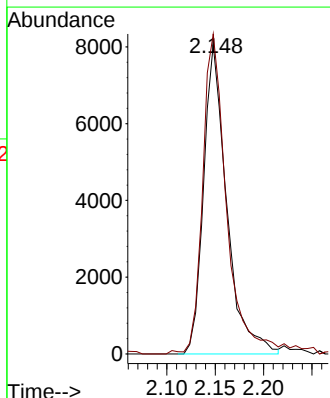
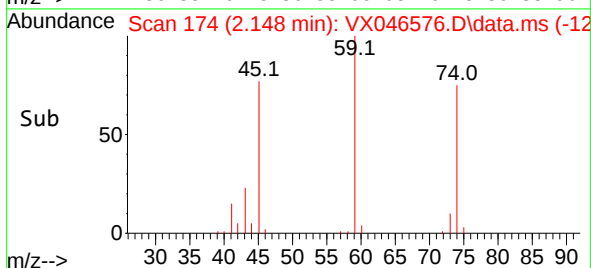
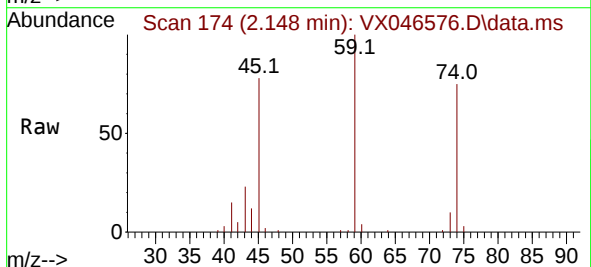
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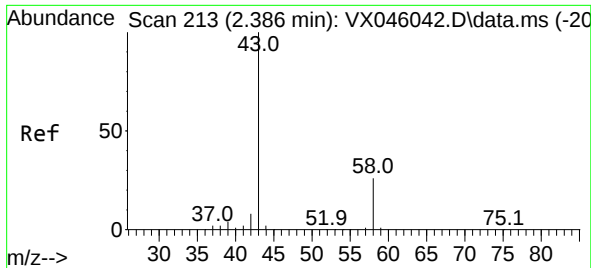
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#8
Diethyl Ether
Concen: 16.235 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046576.D
Acq: 09 Jun 2025 14:02

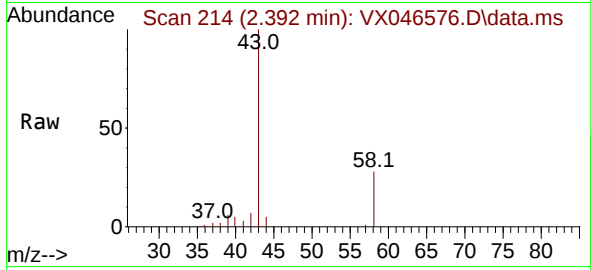
Tgt Ion: 74 Resp: 13449
Ion Ratio Lower Upper
74 100
45 109.0 54.9 164.8





#16
Acetone
Concen: 22.953 ug/l
RT: 2.392 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046576.D
Acq: 09 Jun 2025 14:02

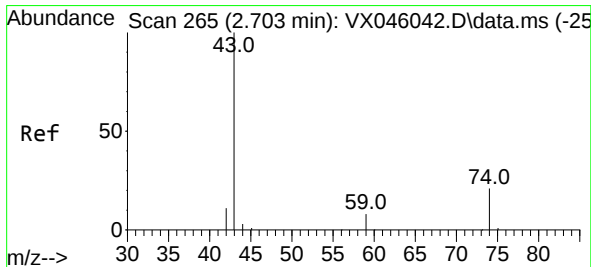
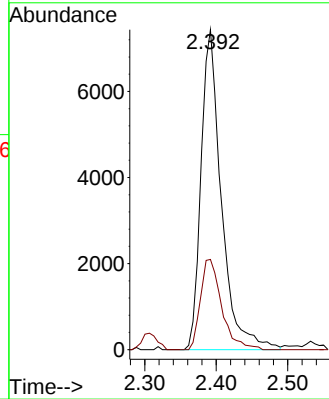
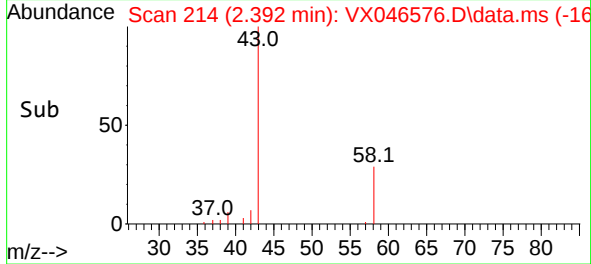
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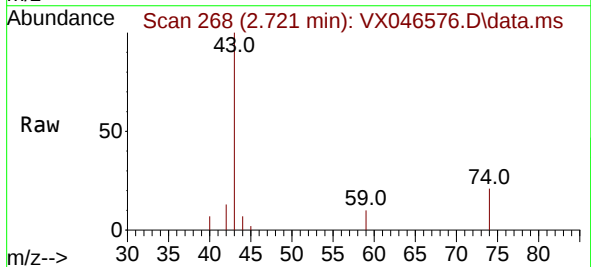
Tgt Ion: 43 Resp: 14698
Ion Ratio Lower Upper
43 100
58 28.2 21.2 31.8

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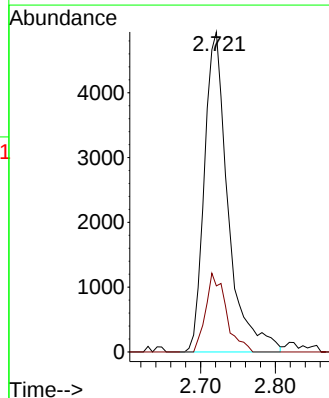
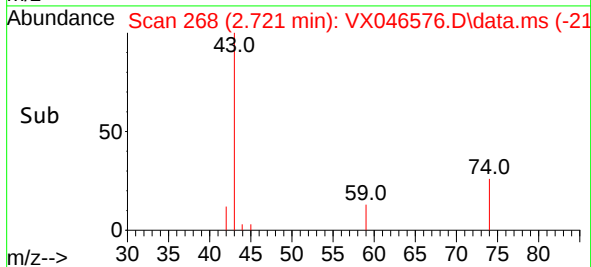
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

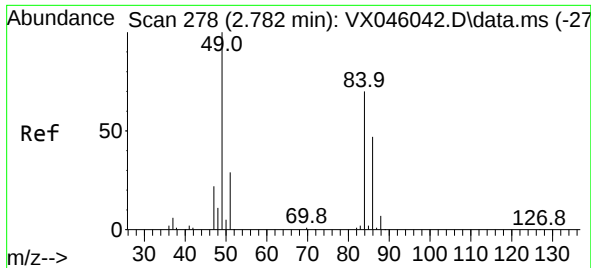


#18
Methyl Acetate
Concen: 4.556 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.000 min
Lab File: VX046576.D
Acq: 09 Jun 2025 14:02



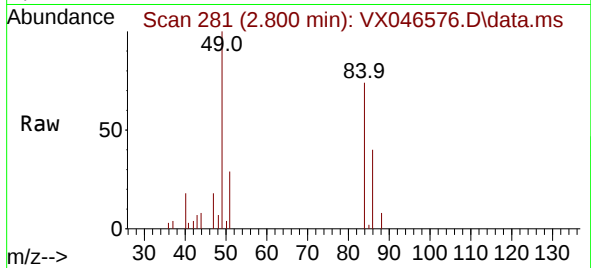
Tgt Ion: 43 Resp: 10861
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1





#20
Methylene Chloride
Concen: 2.014 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046576.D
Acq: 09 Jun 2025 14:02

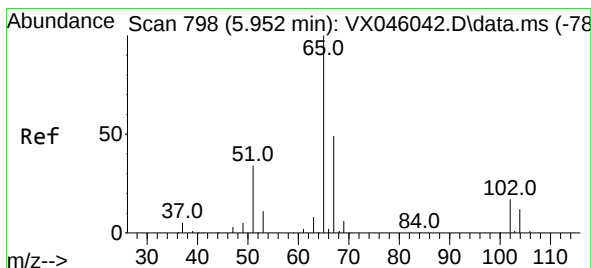
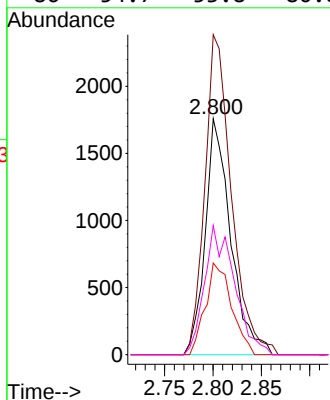
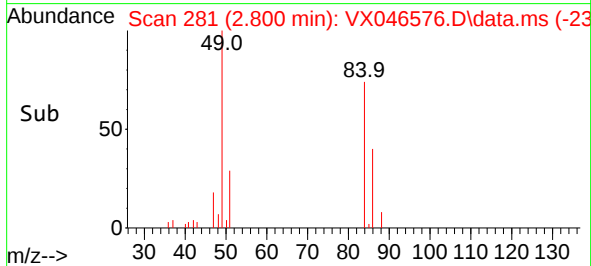
Instrument :
MSVOA_X
ClientSampleId :
PB168334TB



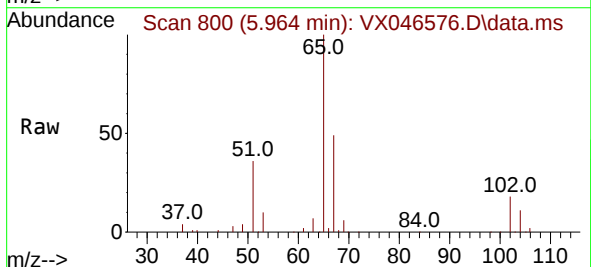
Tgt Ion: 84 Resp: 3234
Ion Ratio Lower Upper
84 100
49 135.6 113.9 170.9
51 38.8 33.5 50.3
86 54.7 53.8 80.8

Manual Integrations
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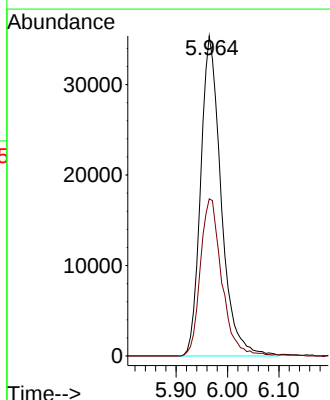
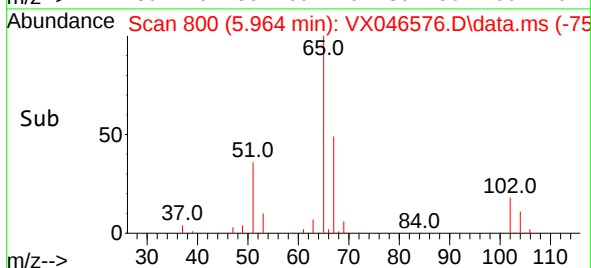
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

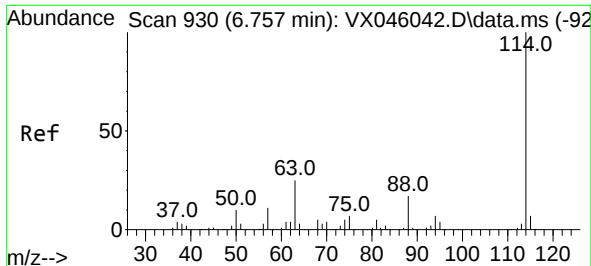


#33
1,2-Dichloroethane-d4
Concen: 48.827 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046576.D
Acq: 09 Jun 2025 14:02



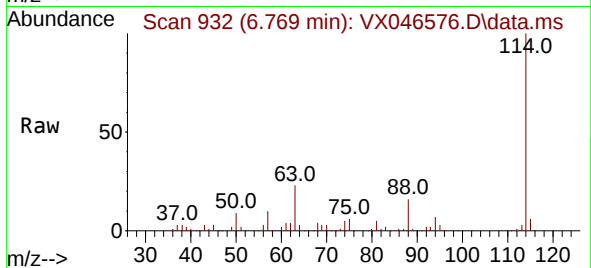
Tgt Ion: 65 Resp: 97720
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046576.D
Acq: 09 Jun 2025 14:02

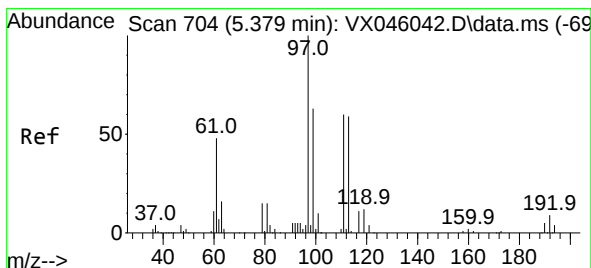
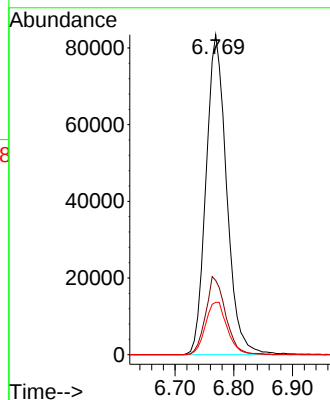
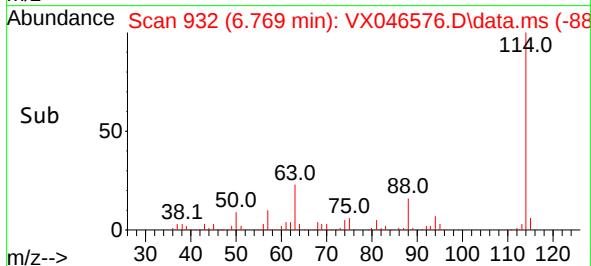
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PB168334TB



Tgt Ion:114 Resp: 203089
Ion Ratio Lower Upper
114 100
63 23.2 0.0 49.2
88 16.4 0.0 33.6

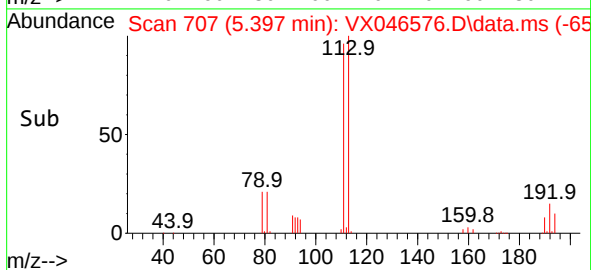
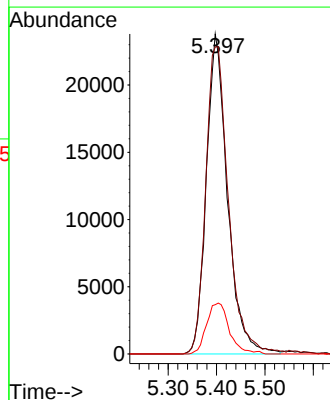
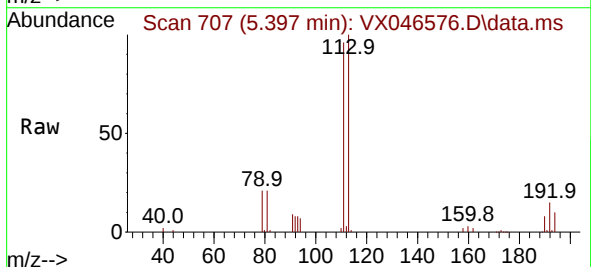
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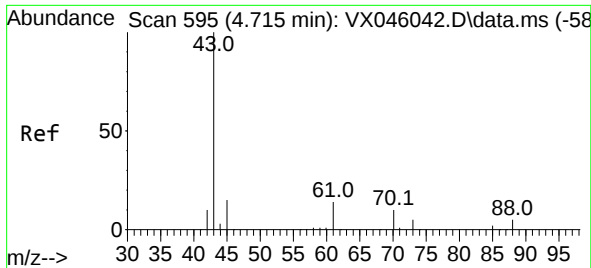
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#35
Dibromofluoromethane
Concen: 48.300 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046576.D
Acq: 09 Jun 2025 14:02

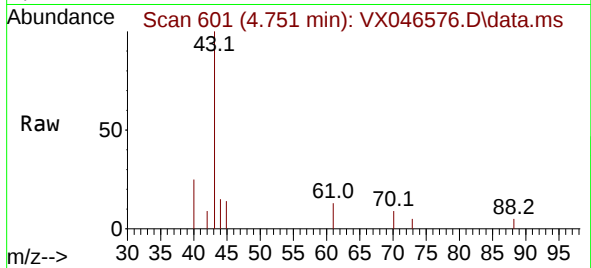
Tgt Ion:113 Resp: 72136
Ion Ratio Lower Upper
113 100
111 103.5 83.1 124.7
192 17.1 13.3 19.9





#37
Ethyl Acetate
Concen: 2.870 ug/l m
RT: 4.751 min Scan# 601
Delta R.T. 0.018 min
Lab File: VX046576.D
Acq: 09 Jun 2025 14:02

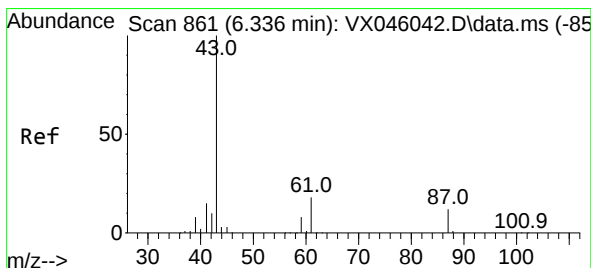
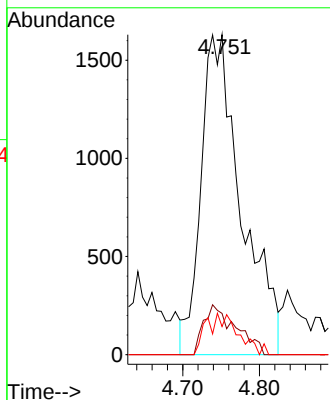
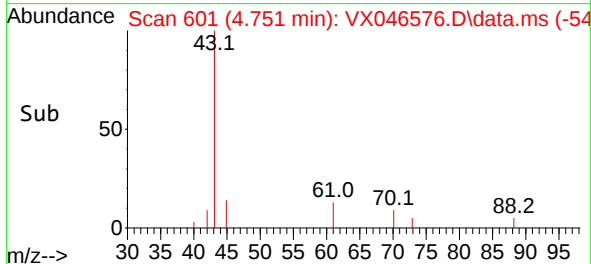
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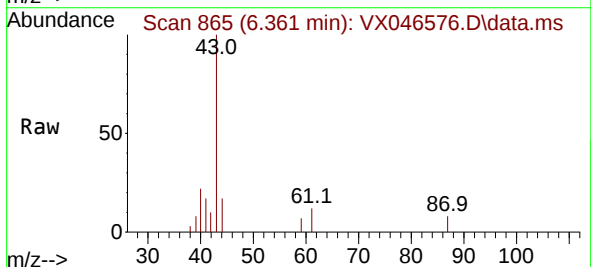
Tgt Ion: 43 Resp: 5970
Ion Ratio Lower Upper
43 100
61 12.4 10.3 15.5
70 7.2 7.9 11.9

Manual Integrations
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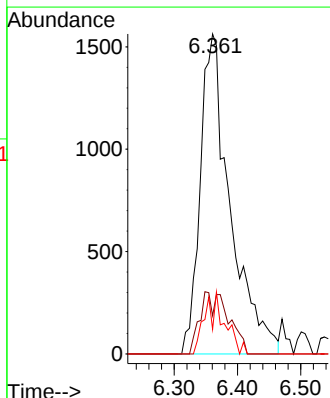
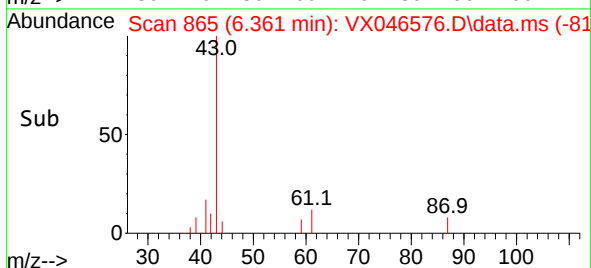
Reviewed By :John Carlone 06/10/2025
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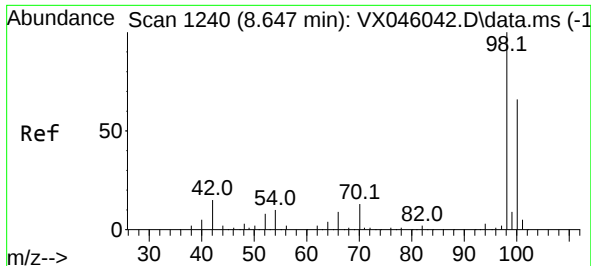


#43
Isopropyl Acetate
Concen: 1.417 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.007 min
Lab File: VX046576.D
Acq: 09 Jun 2025 14:02



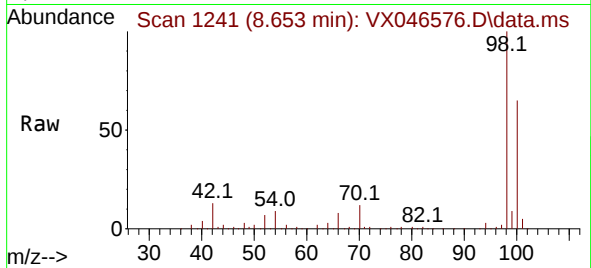
Tgt Ion: 43 Resp: 5144
Ion Ratio Lower Upper
43 100
61 8.5 14.3 21.5#
87 5.6 9.5 14.3#





#50
Toluene-d8
Concen: 52.418 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046576.D
Acq: 09 Jun 2025 14:02

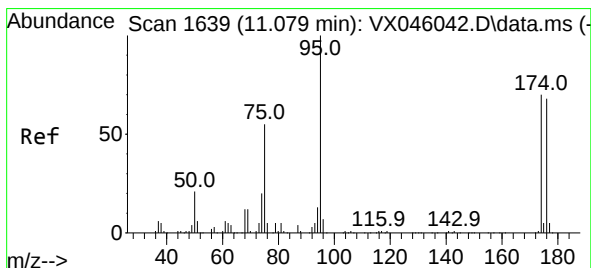
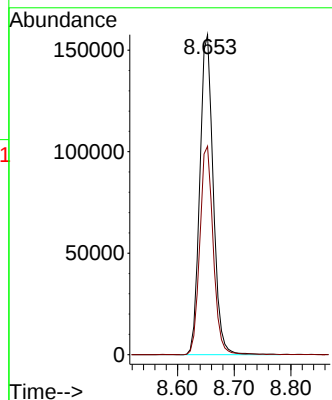
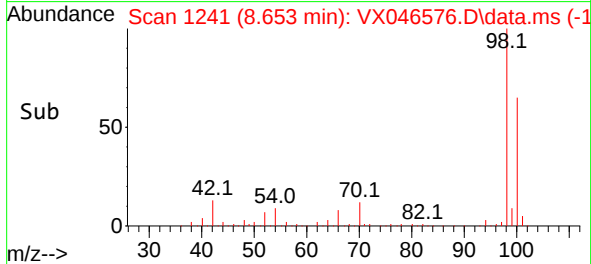
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ClientSampleId :
PB168334TB



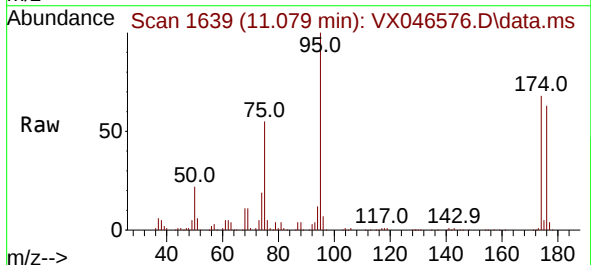
Tgt Ion: 98 Resp: 25810
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3

Manual Integrations
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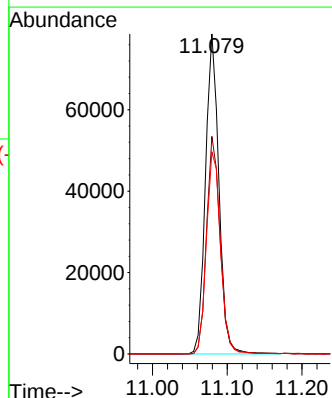
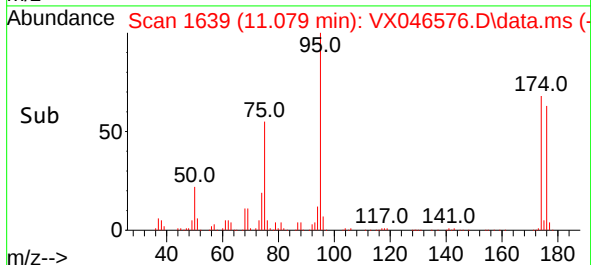
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

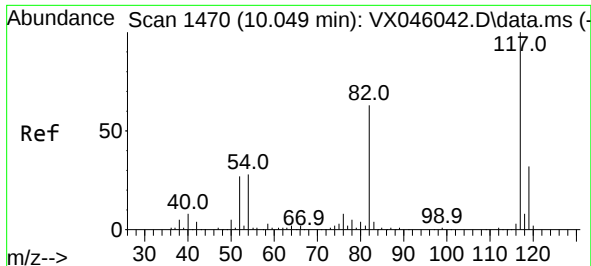


#62
4-Bromofluorobenzene
Concen: 48.120 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046576.D
Acq: 09 Jun 2025 14:02



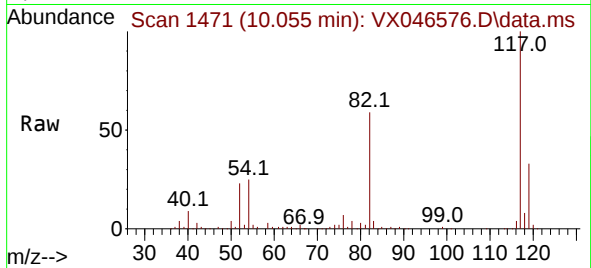
Tgt Ion: 95 Resp: 98032
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.8
176 66.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046576.D
Acq: 09 Jun 2025 14:02

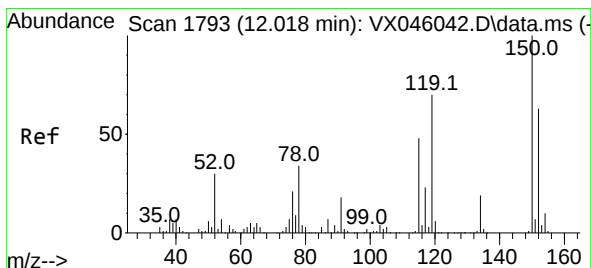
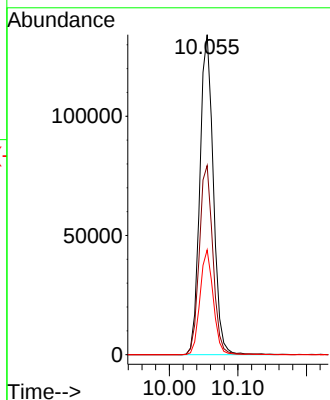
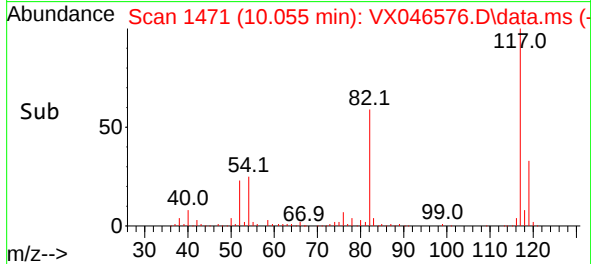
Instrument :
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Tgt Ion:117 Resp: 18374
Ion Ratio Lower Upper
117 100
82 59.1 50.6 76.0
119 32.7 25.8 38.6

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046576.D
Acq: 09 Jun 2025 14:02

Tgt Ion:152 Resp: 89902
Ion Ratio Lower Upper
152 100
115 64.4 46.9 140.7
150 158.4 0.0 351.0

