

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
 Data File : VX046065.D
 Acq On : 06 May 2025 15:45
 Operator : JC/MD
 Sample : PB167852ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167852ZHE#06

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/07/2025
 Supervised By : Mahesh Dadoda 05/07/2025

Quant Time: May 07 01:47:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	64664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63211	52.434	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.860%			
35) Dibromofluoromethane	5.385	113	46079	49.725	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.460%			
50) Toluene-d8	8.647	98	162055	50.526	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.060%			
62) 4-Bromofluorobenzene	11.079	95	61413	49.917	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.840%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	33822	69.972	ug/l	94
18) Methyl Acetate	2.709	43	2200	1.961	ug/l	96
20) Methylene Chloride	2.788	84	3691	3.985	ug/l	92
25) 2-Butanone	4.587	43	3541m	5.046	ug/l	
43) Isopropyl Acetate	6.342	43	12311	5.246	ug/l	98

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

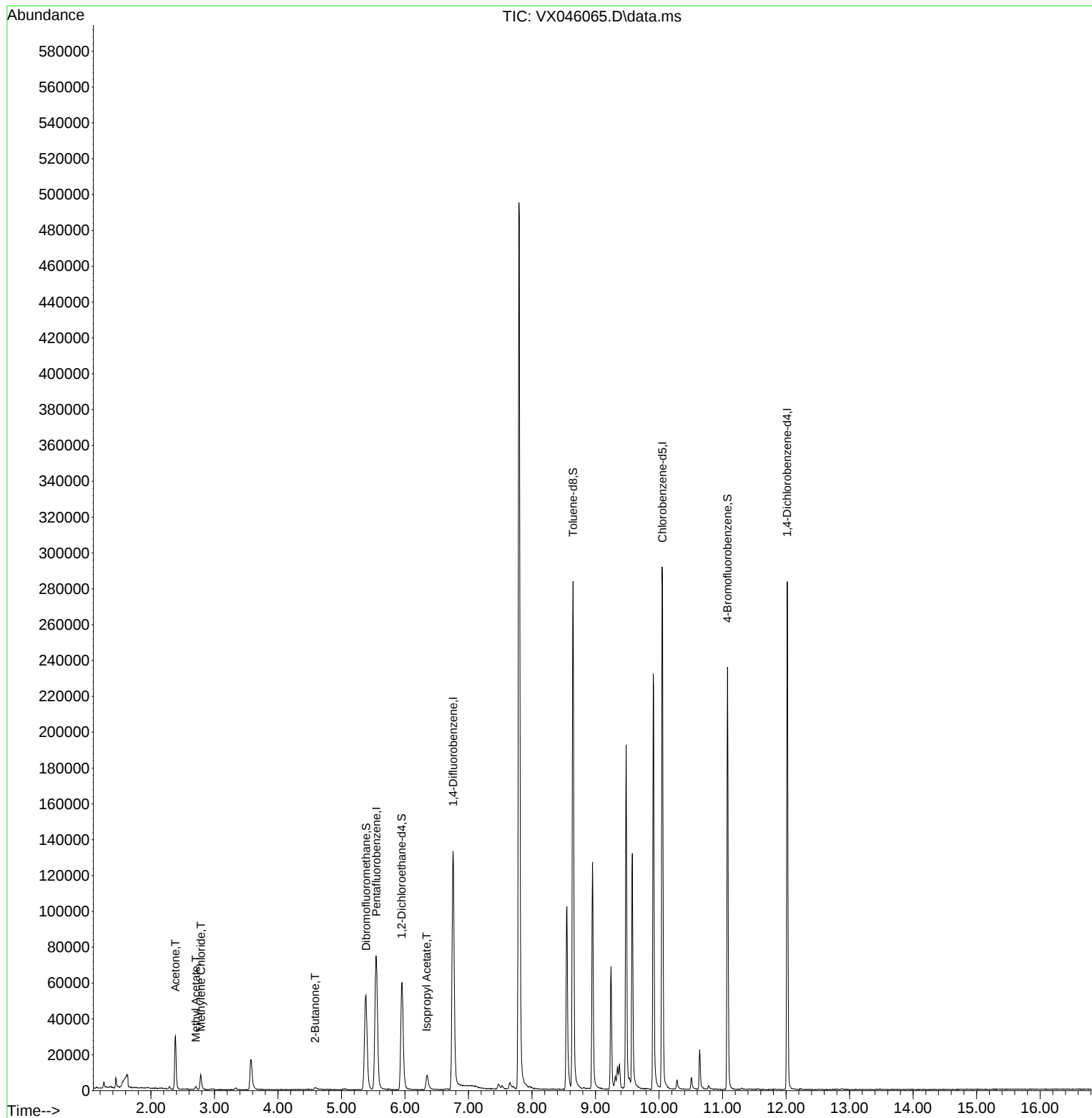
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
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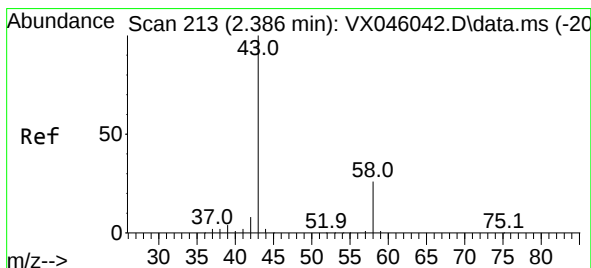
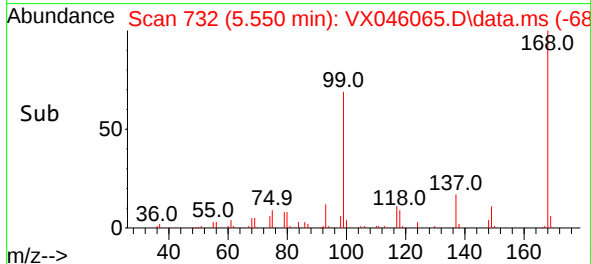
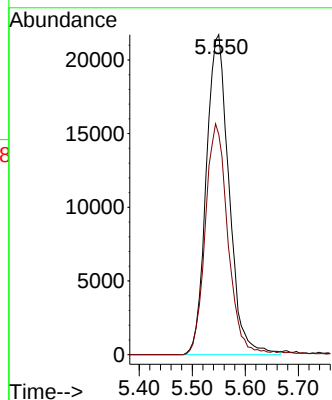
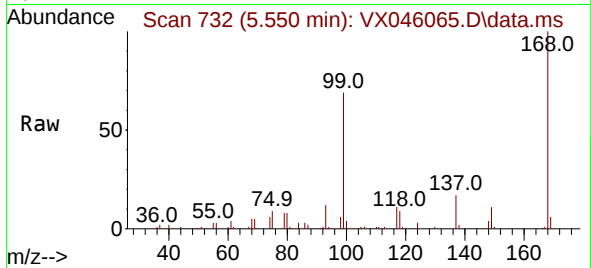
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046065.D
Acq: 06 May 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#06

Tgt Ion:168 Resp: 64664
Ion Ratio Lower Upper
168 100
99 68.8 54.9 82.3

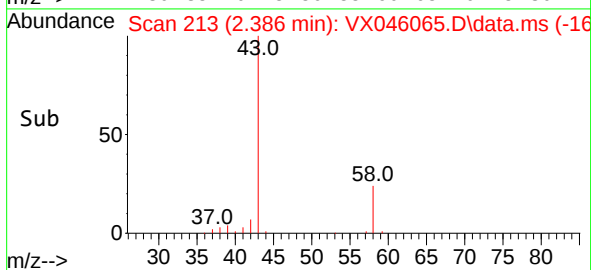
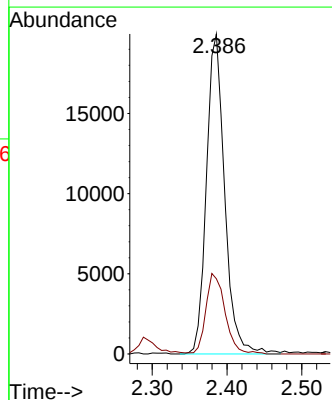
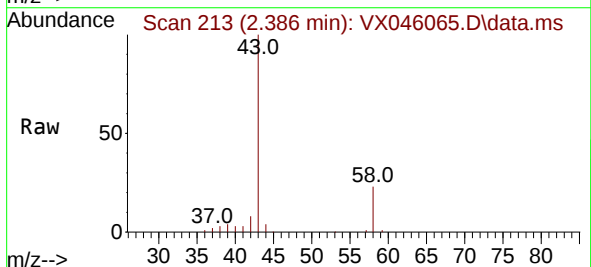
Manual Integrations
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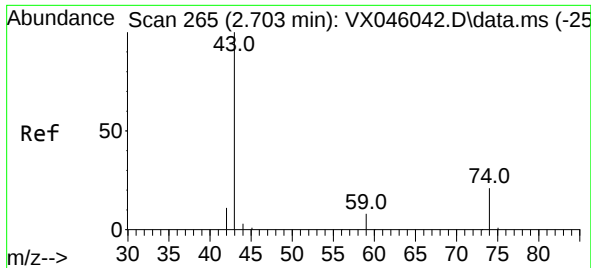
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#16
Acetone
Concen: 69.972 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046065.D
Acq: 06 May 2025 15:45

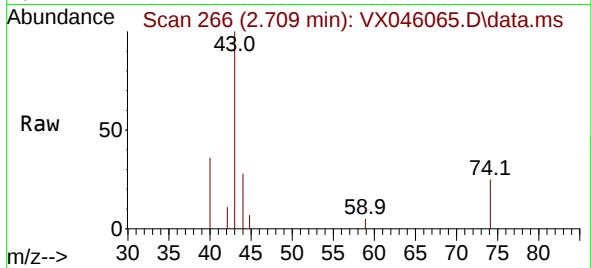
Tgt Ion: 43 Resp: 33822
Ion Ratio Lower Upper
43 100
58 23.5 21.2 31.8





#18
Methyl Acetate
Concen: 1.961 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046065.D
Acq: 06 May 2025 15:45

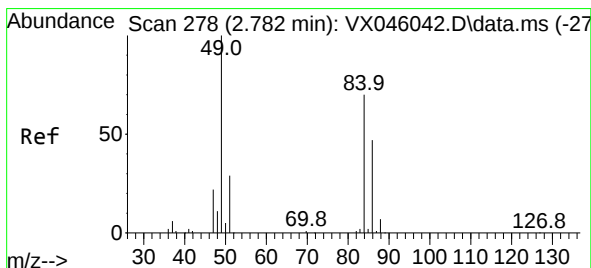
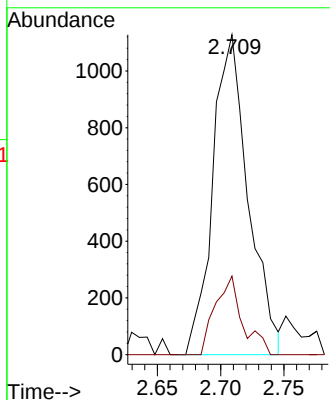
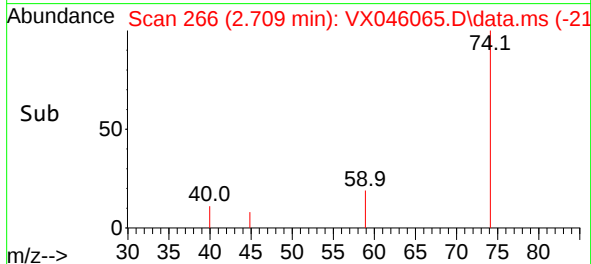
Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#06



Tgt Ion: 43 Resp: 2200
Ion Ratio Lower Upper
43 100
74 18.9 16.7 25.1

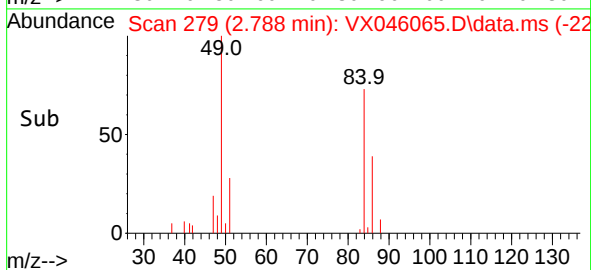
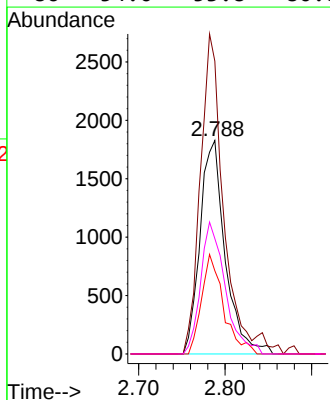
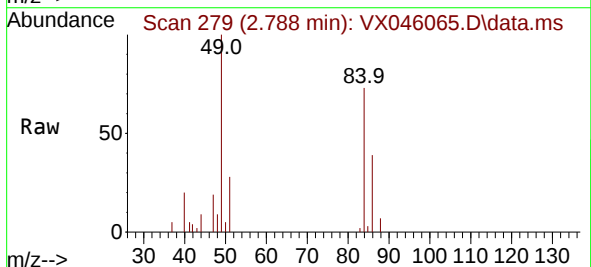
Manual Integrations
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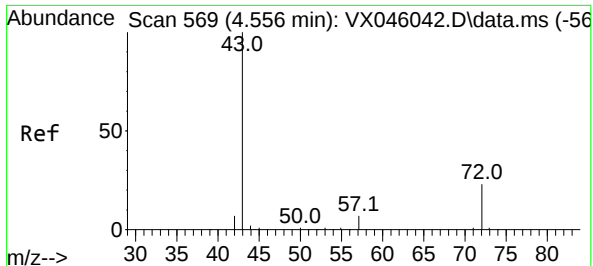
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#20
Methylene Chloride
Concen: 3.985 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046065.D
Acq: 06 May 2025 15:45

Tgt Ion: 84 Resp: 3691
Ion Ratio Lower Upper
84 100
49 137.1 113.9 170.9
51 38.9 33.5 50.3
86 54.0 53.8 80.8





#25

2-Butanone

Concen: 5.046 ug/l m

RT: 4.587 min Scan# 5

Delta R.T. 0.030 min

Lab File: VX046065.D

Acq: 06 May 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

PB167852ZHE#06

Tgt Ion: 43 Resp: 354

Ion Ratio Lower Upper

43 100

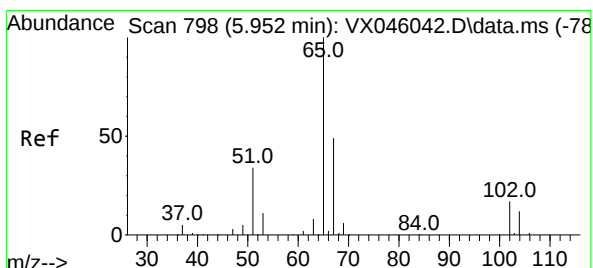
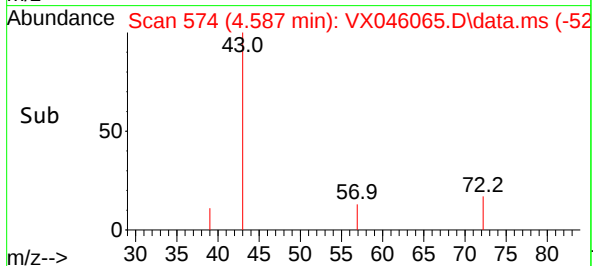
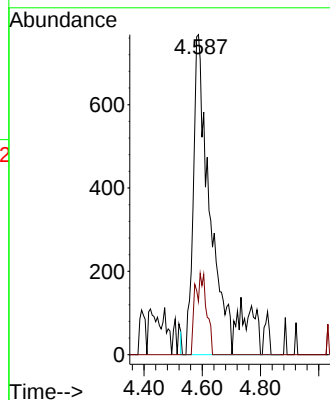
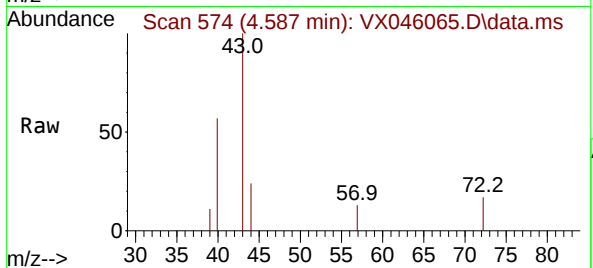
72 16.7 18.4 27.6

Manual Integrations

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Supervised By :Mahesh Dadoda 05/07/2025



#33

1,2-Dichloroethane-d4

Concen: 52.434 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX046065.D

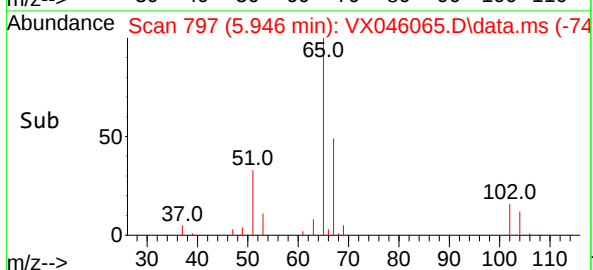
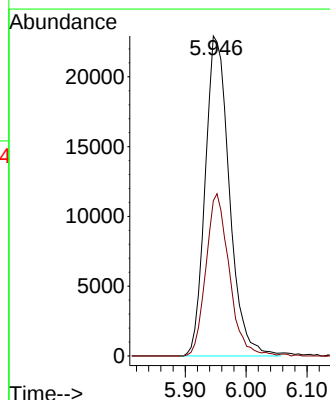
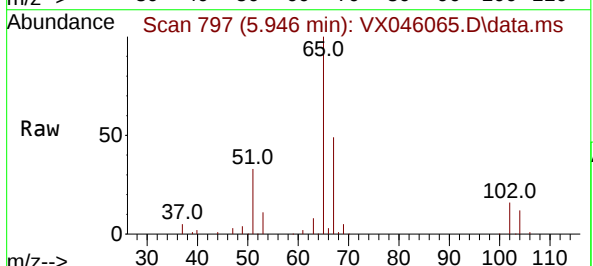
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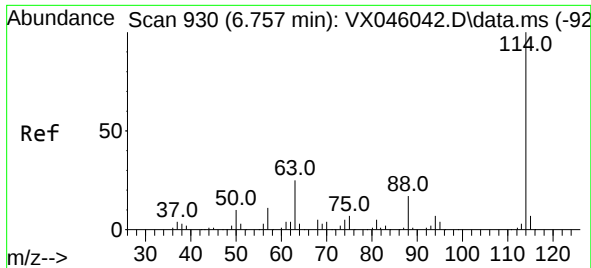
Tgt Ion: 65 Resp: 63211

Ion Ratio Lower Upper

65 100

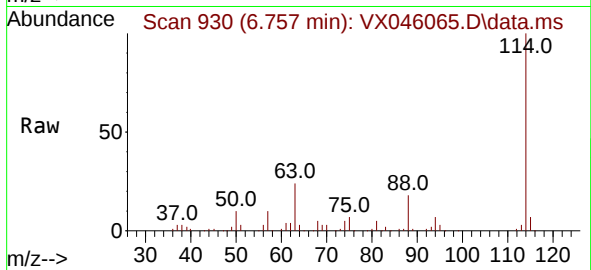
67 48.9 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046065.D
Acq: 06 May 2025 15:45

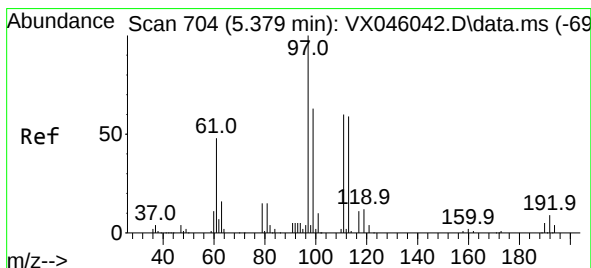
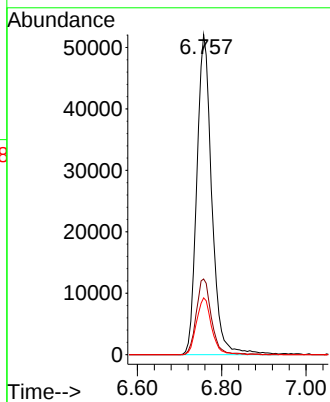
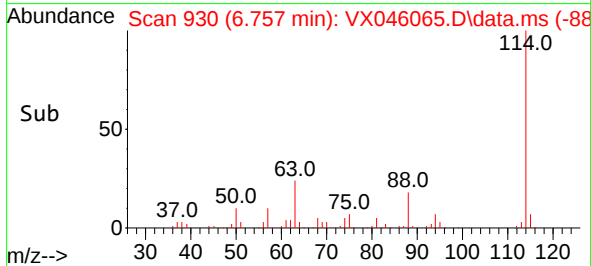
Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#06



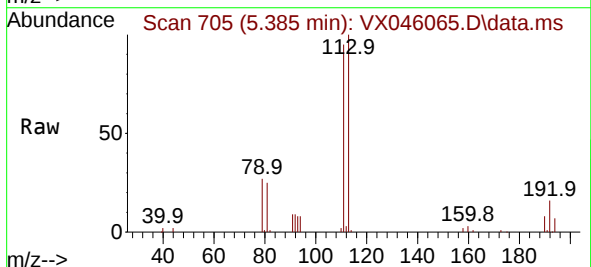
Tgt Ion:114 Resp: 128680
Ion Ratio Lower Upper
114 100
63 23.7 0.0 49.2
88 17.7 0.0 33.6

Manual Integrations
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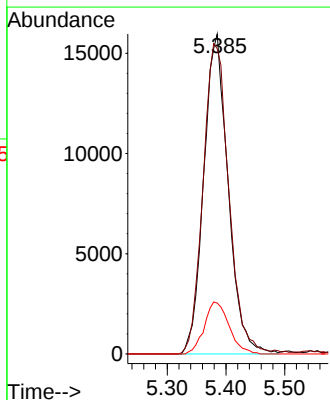
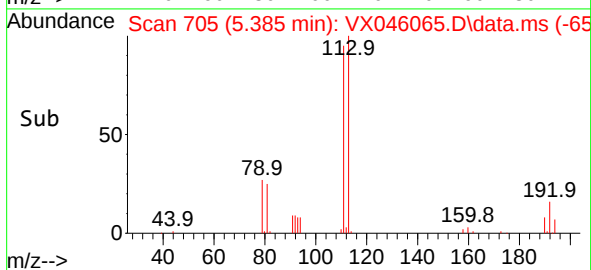
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

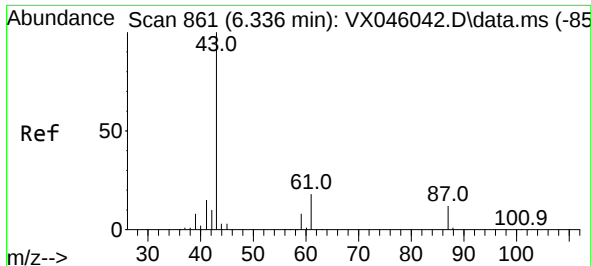


#35
Dibromofluoromethane
Concen: 49.725 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046065.D
Acq: 06 May 2025 15:45



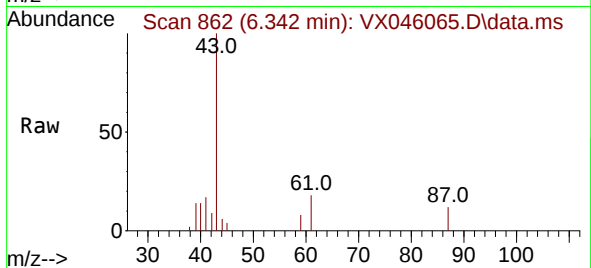
Tgt Ion:113 Resp: 46079
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 16.5 13.3 19.9





#43
Isopropyl Acetate
Concen: 5.246 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX046065.D
Acq: 06 May 2025 15:45

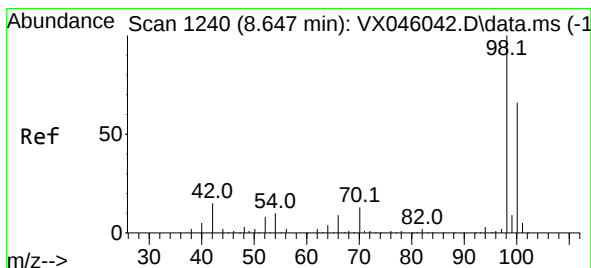
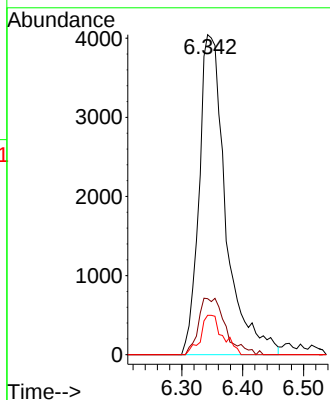
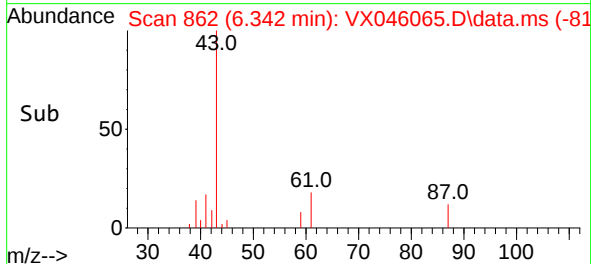
Instrument :
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ClientSampleId :
PB167852ZHE#06



Tgt Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
61 17.9 14.3 21.5
87 10.2 9.5 14.3

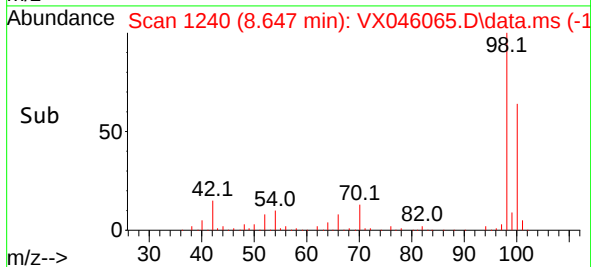
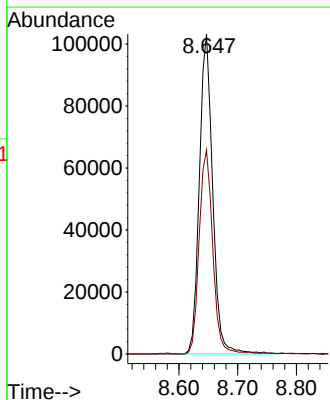
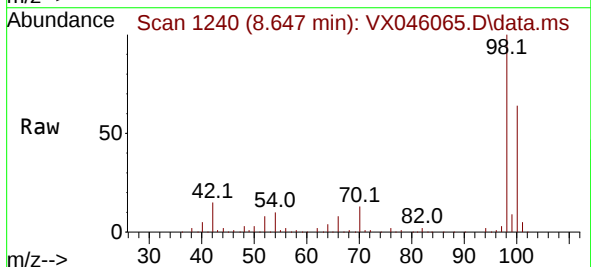
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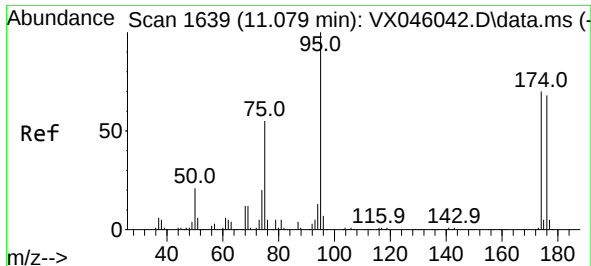
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#50
Toluene-d8
Concen: 50.526 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046065.D
Acq: 06 May 2025 15:45

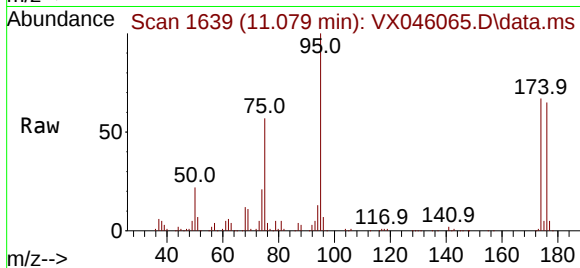
Tgt Ion: 98 Resp: 162055
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 49.917 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046065.D
Acq: 06 May 2025 15:45

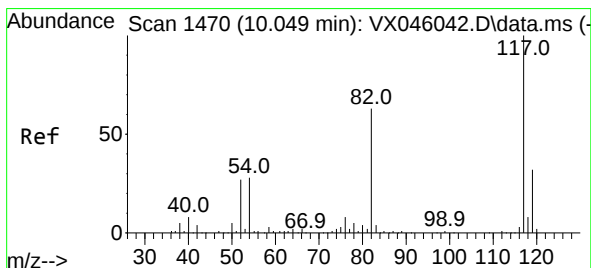
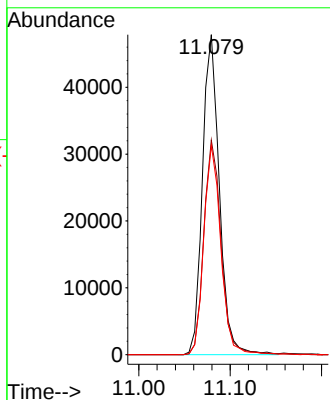
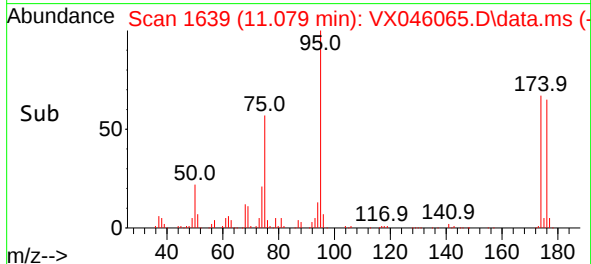
Instrument :
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PB167852ZHE#06



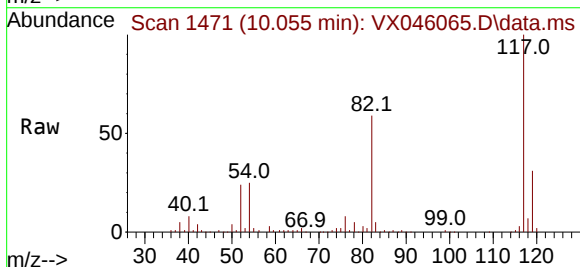
Tgt Ion: 95 Resp: 61411
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 66.1 0.0 131.4

Manual Integrations
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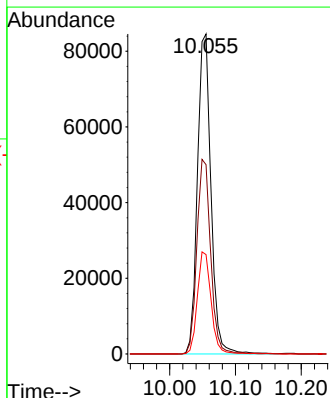
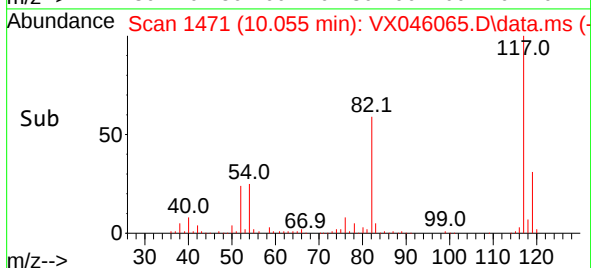
Reviewed By :John Carlone 05/07/2025
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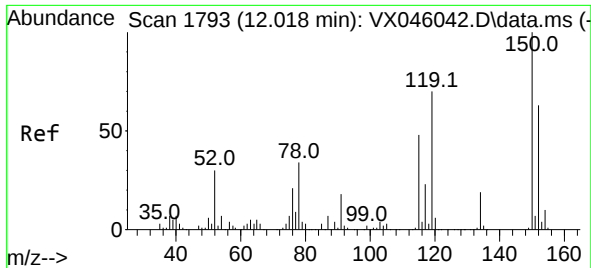


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046065.D
Acq: 06 May 2025 15:45



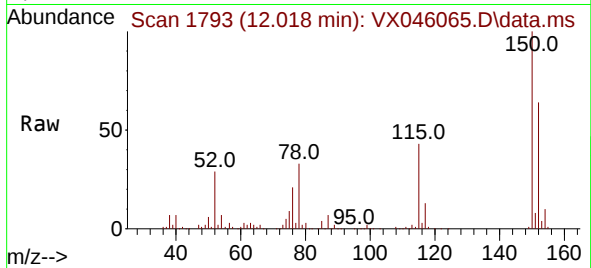
Tgt Ion:117 Resp: 120926
Ion Ratio Lower Upper
117 100
82 59.1 50.6 76.0
119 31.0 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046065.D
 Acq: 06 May 2025 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167852ZHE#06



Tgt Ion:152 Resp: 5238
 Ion Ratio Lower Upper
 152 100
 115 65.7 46.9 140.7
 150 154.8 0.0 351.0

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