

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
 Data File : VX046064.D
 Acq On : 06 May 2025 15:22
 Operator : JC/MD
 Sample : PB167852ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167852ZHE#05

Manual Integrations
 APPROVED

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

Quant Time: May 07 01:47:17 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	5.544	168	65474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64984	53.237	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.480%			
35) Dibromofluoromethane	5.379	113	48078	51.262	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.520%			
50) Toluene-d8	8.647	98	165908	51.109	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.220%			
62) 4-Bromofluorobenzene	11.079	95	60486	48.577	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.160%			
Target Compounds						
16) Acetone	2.386	43	32304	66.004	ug/l	99
18) Methyl Acetate	2.703	43	2377	2.093	ug/l #	90
20) Methylene Chloride	2.782	84	3479	3.709	ug/l	97
25) 2-Butanone	4.593	43	3967m	5.583	ug/l	
43) Isopropyl Acetate	6.348	43	11595	4.882	ug/l	98

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

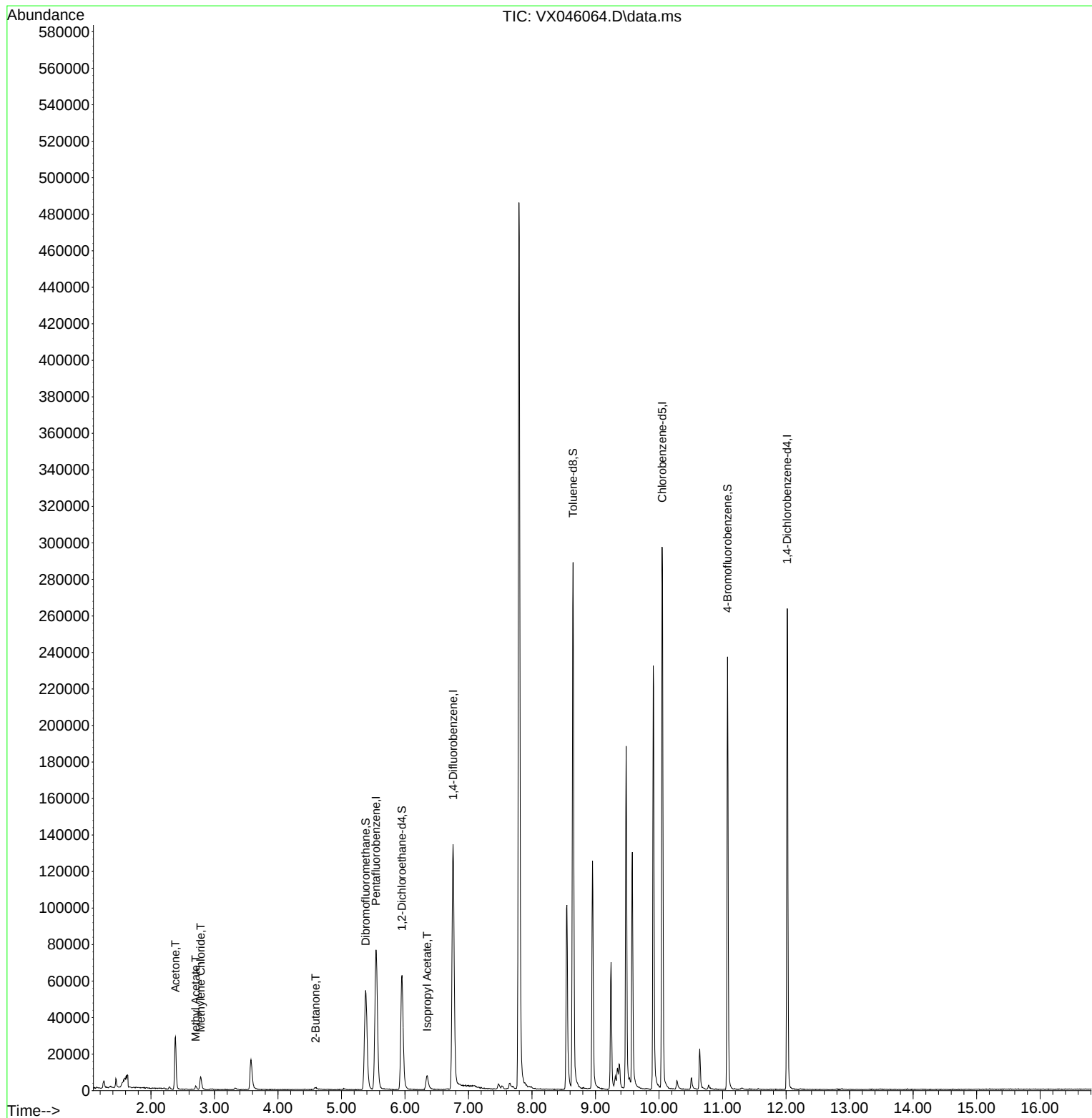
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046064.D
Acq On : 06 May 2025 15:22
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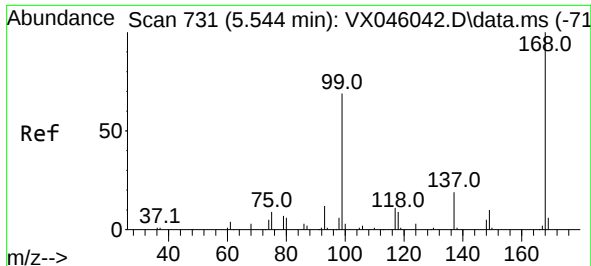
Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#05

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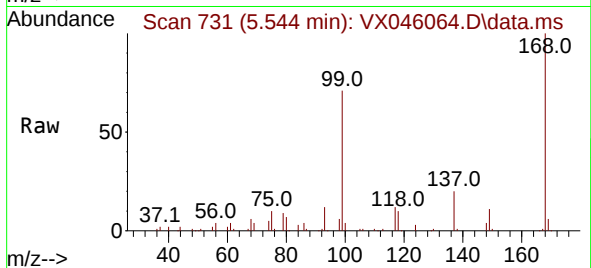
Quant Time: May 07 01:47:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046064.D
Acq: 06 May 2025 15:22

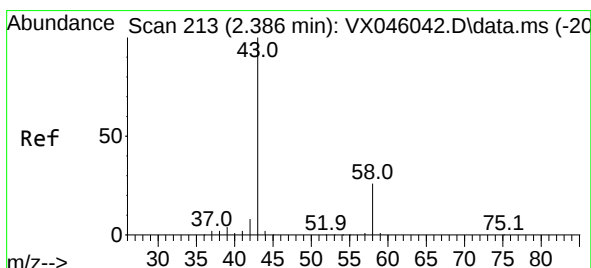
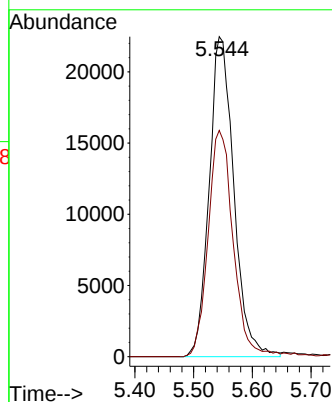
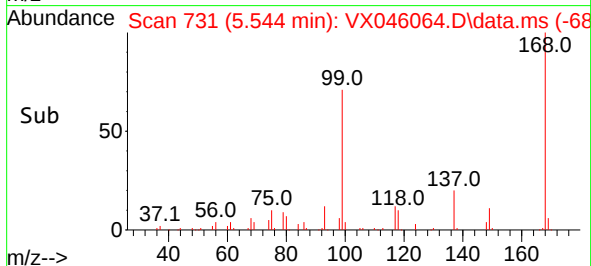
Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#05



Tgt Ion:168 Resp: 65474
Ion Ratio Lower Upper
168 100
99 70.7 54.9 82.3

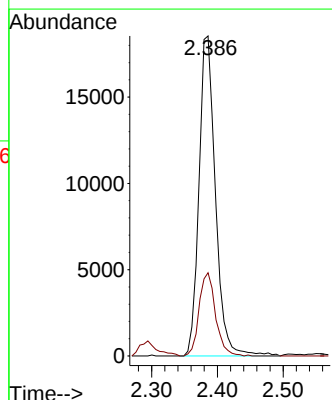
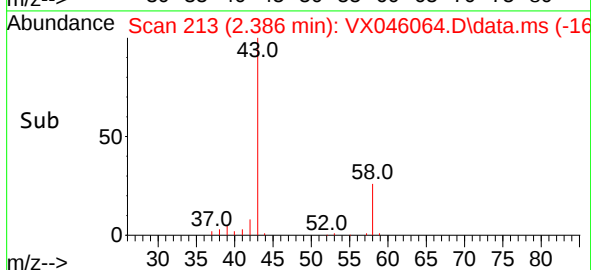
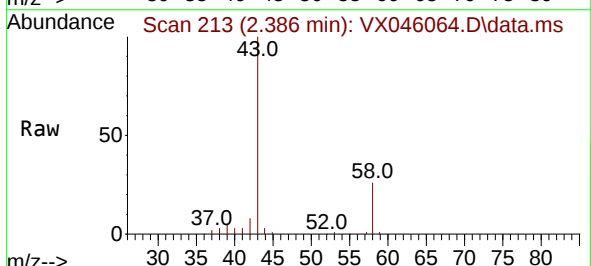
Manual Integrations
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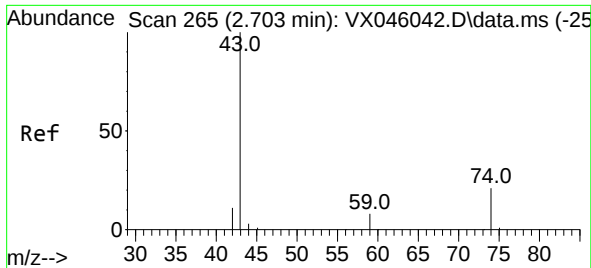
Reviewed By :John Carbone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#16
Acetone
Concen: 66.004 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046064.D
Acq: 06 May 2025 15:22

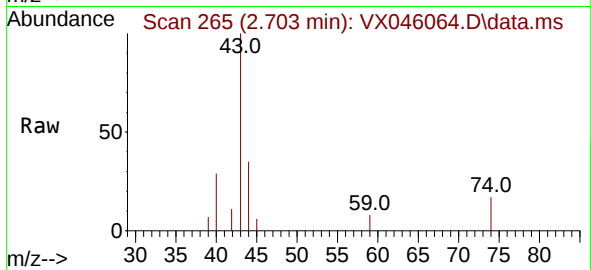
Tgt Ion: 43 Resp: 32304
Ion Ratio Lower Upper
43 100
58 26.0 21.2 31.8





#18
Methyl Acetate
Concen: 2.093 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046064.D
Acq: 06 May 2025 15:22

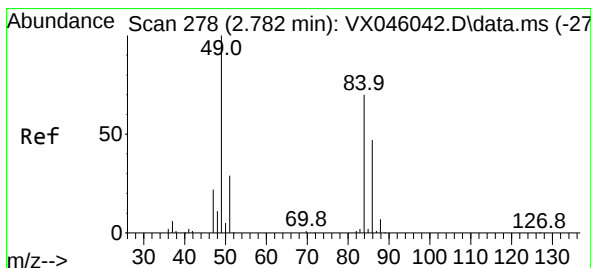
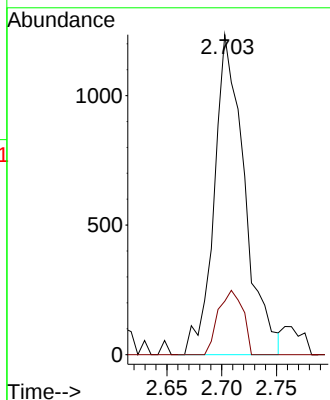
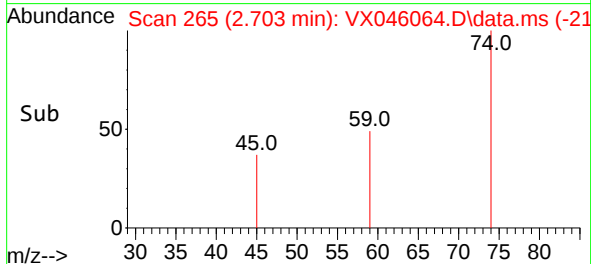
Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#05



Tgt Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
74 16.2 16.7 25.1

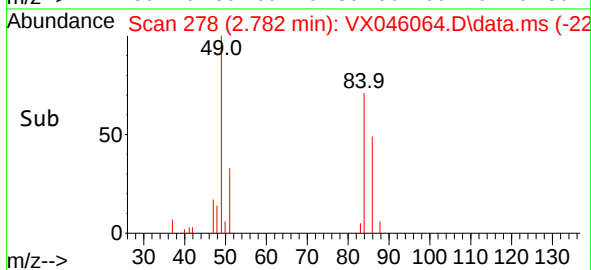
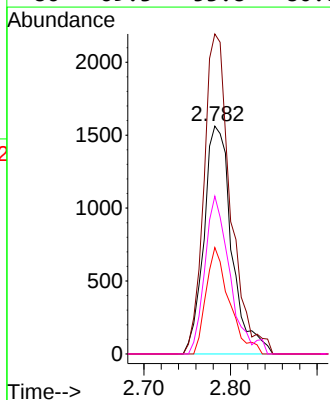
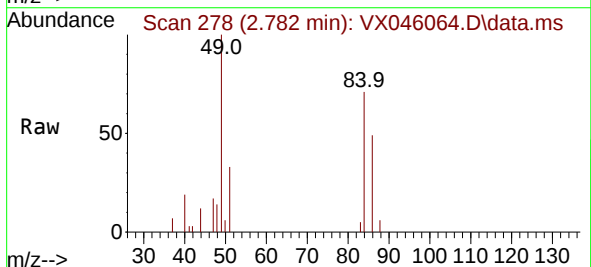
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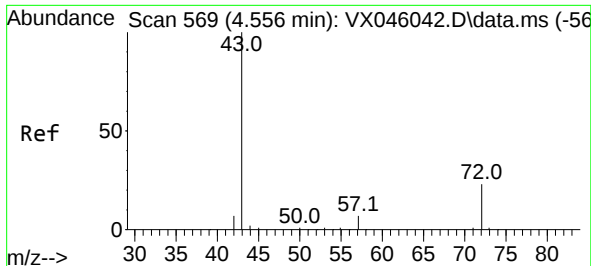
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#20
Methylene Chloride
Concen: 3.709 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046064.D
Acq: 06 May 2025 15:22

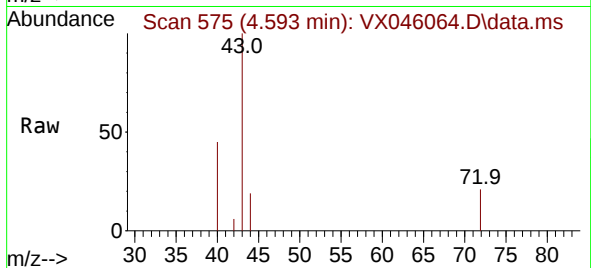
Tgt Ion: 84 Resp: 3479
Ion Ratio Lower Upper
84 100
49 140.5 113.9 170.9
51 46.7 33.5 50.3
86 69.3 53.8 80.8





#25
2-Butanone
Concen: 5.583 ug/l m
RT: 4.593 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX046064.D
Acq: 06 May 2025 15:22

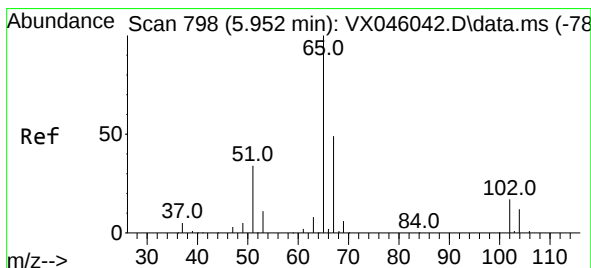
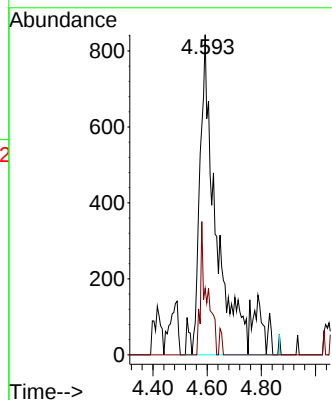
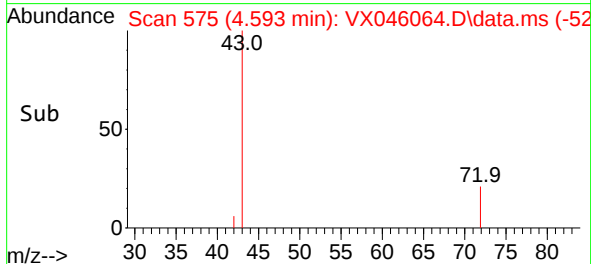
Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#05



Tgt Ion: 43 Resp: 396
Ion Ratio Lower Upper
43 100
72 20.8 18.4 27.6

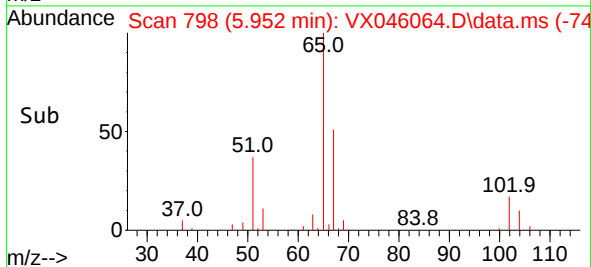
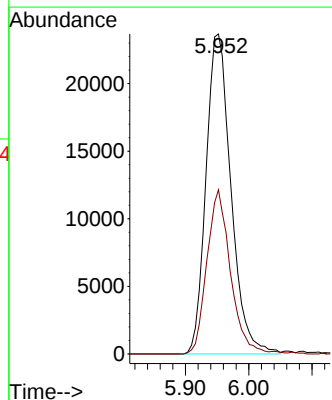
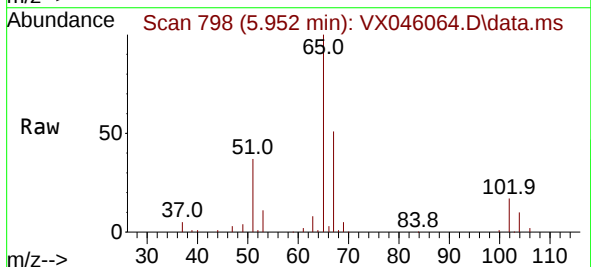
Manual Integrations
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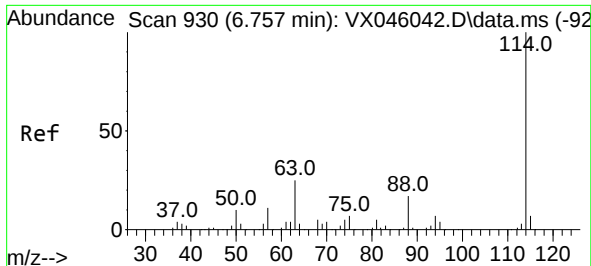
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#33
1,2-Dichloroethane-d4
Concen: 53.237 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046064.D
Acq: 06 May 2025 15:22

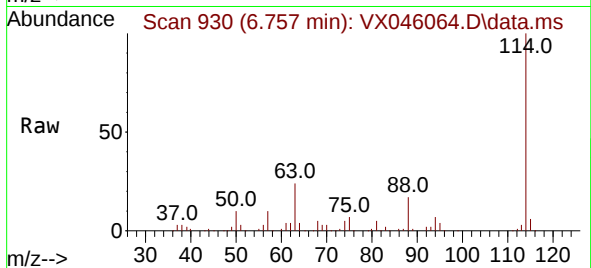
Tgt Ion: 65 Resp: 64984
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. -0.000 min
Lab File: VX046064.D
Acq: 06 May 2025 15:22

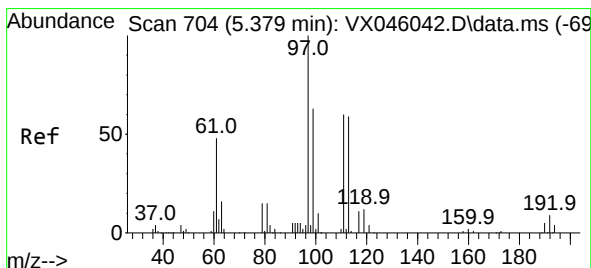
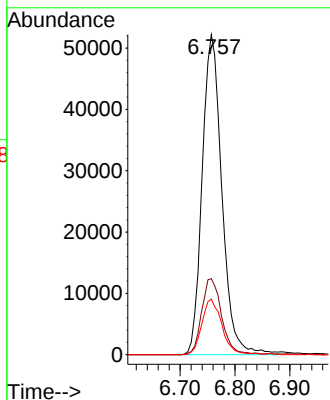
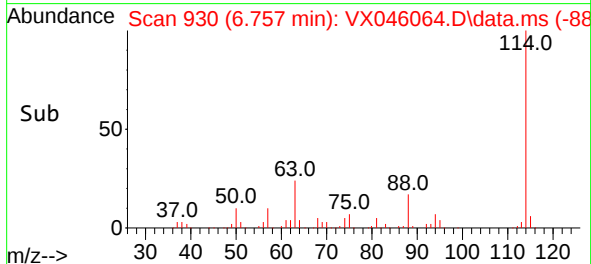
Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#05



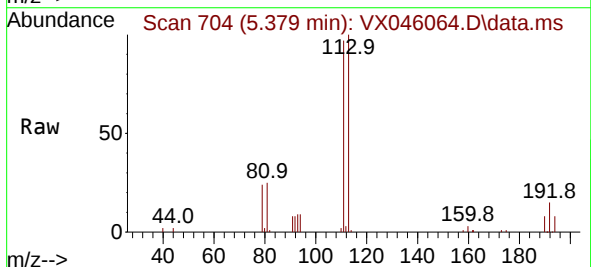
Tgt Ion:114 Resp: 13024
Ion Ratio Lower Upper
114 100
63 23.7 0.0 49.2
88 17.3 0.0 33.6

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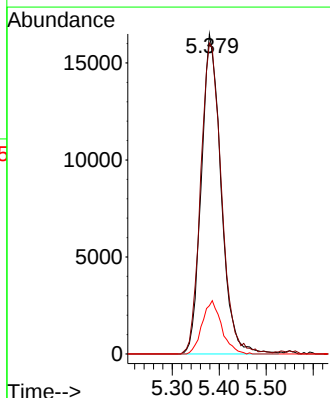
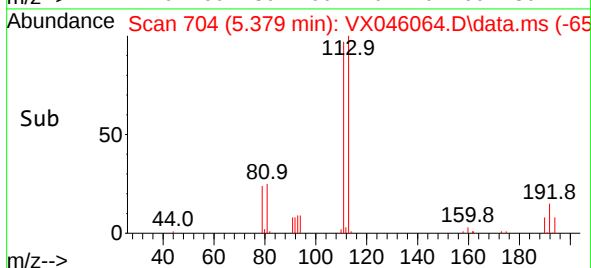
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

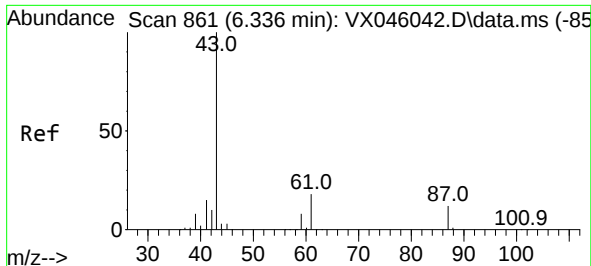


#35
Dibromofluoromethane
Concen: 51.262 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046064.D
Acq: 06 May 2025 15:22



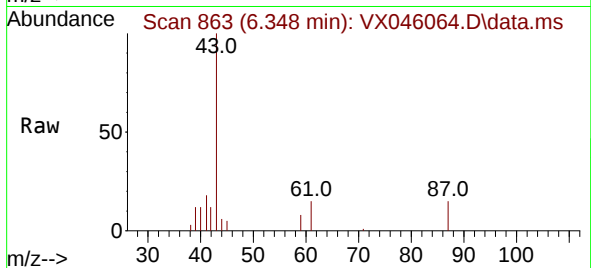
Tgt Ion:113 Resp: 48078
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 16.4 13.3 19.9





#43
Isopropyl Acetate
Concen: 4.882 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046064.D
Acq: 06 May 2025 15:22

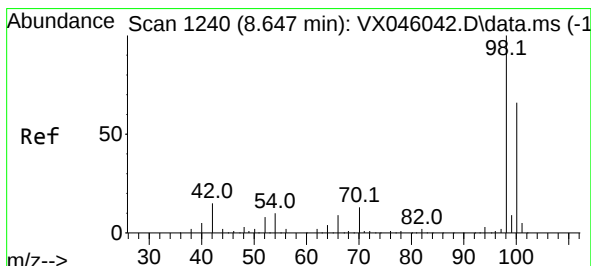
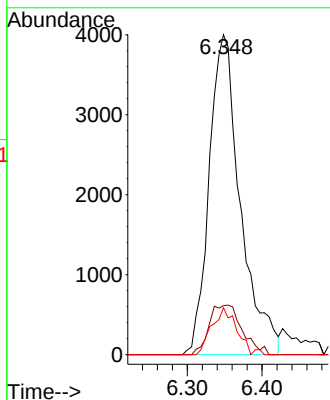
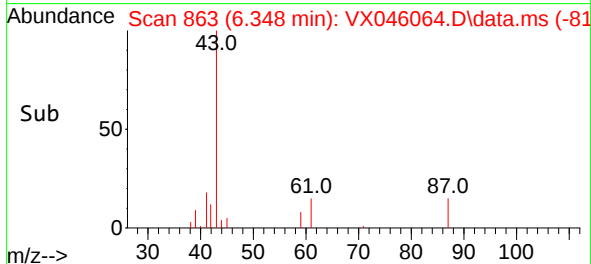
Instrument :
MSVOA_X
ClientSampleId :
PB167852ZHE#05



Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
61 16.4 14.3 21.5
87 11.9 9.5 14.3

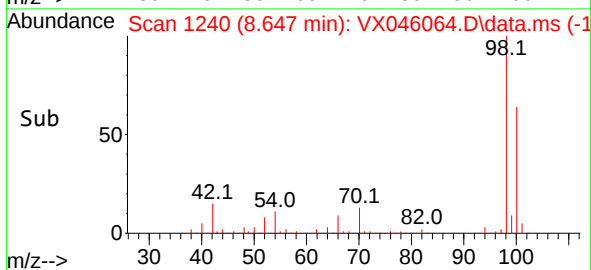
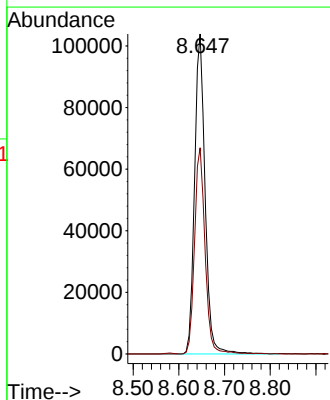
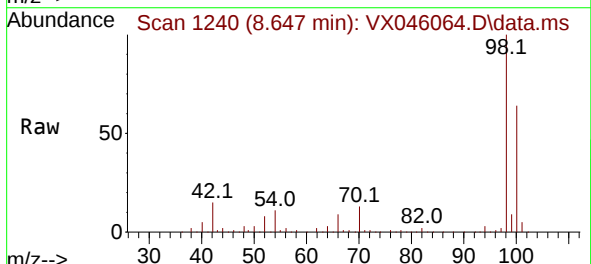
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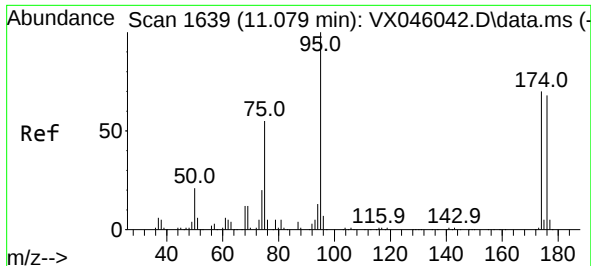
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#50
Toluene-d8
Concen: 51.109 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046064.D
Acq: 06 May 2025 15:22

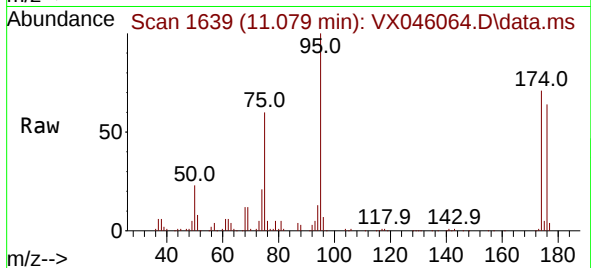
Tgt Ion: 98 Resp: 165908
Ion Ratio Lower Upper
98 100
100 64.4 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 48.577 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046064.D
Acq: 06 May 2025 15:22

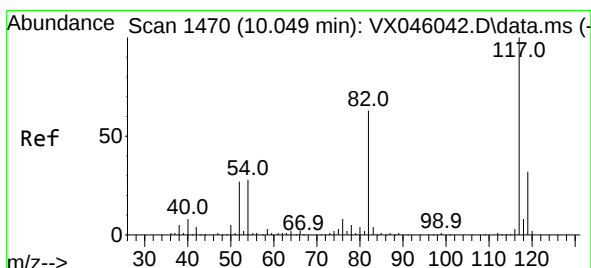
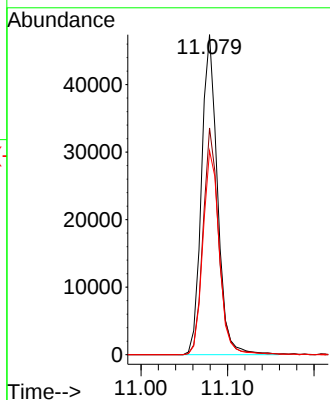
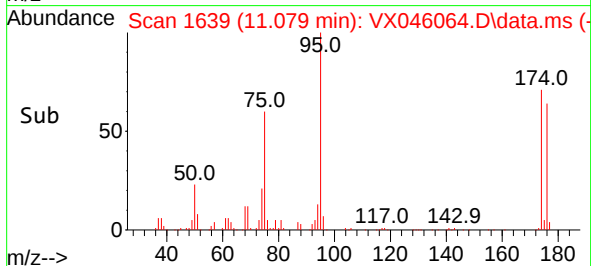
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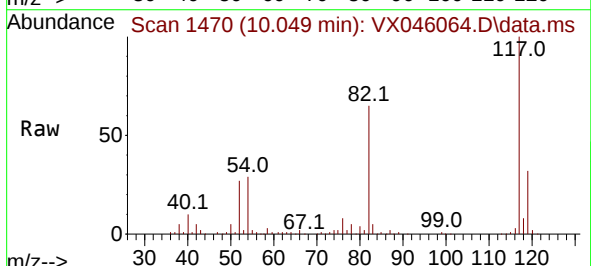
Tgt Ion: 95 Resp: 60480
Ion Ratio Lower Upper
95 100
174 70.0 0.0 135.8
176 65.8 0.0 131.4

Manual Integrations
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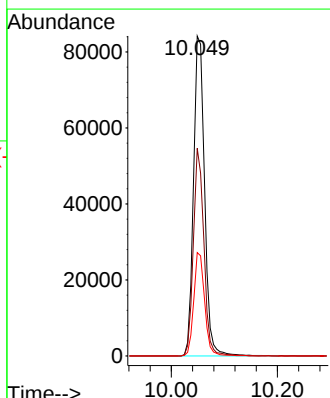
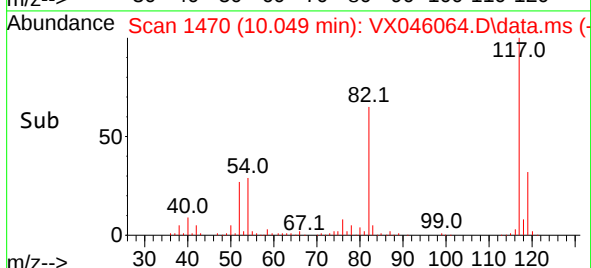
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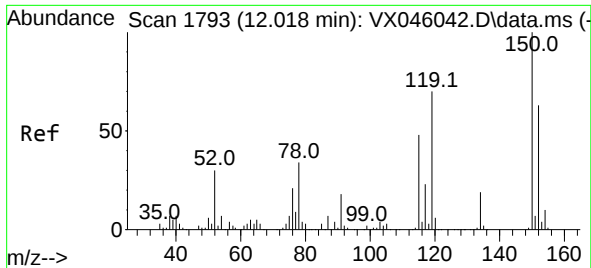


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046064.D
Acq: 06 May 2025 15:22



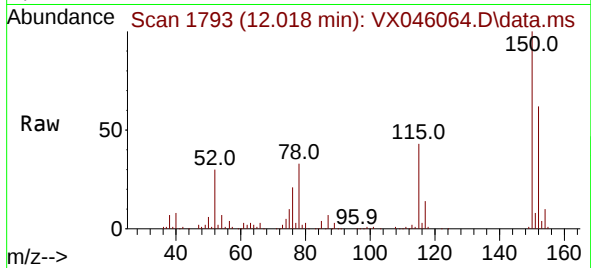
Tgt Ion:117 Resp: 121811
Ion Ratio Lower Upper
117 100
82 64.9 50.6 76.0
119 32.3 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046064.D
 Acq: 06 May 2025 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167852ZHE#05



Tgt Ion:152 Resp: 4933
 Ion Ratio Lower Upper
 152 100
 115 65.4 46.9 140.7
 150 157.9 0.0 351.0

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