

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052225\
 Data File : VX046327.D
 Acq On : 22 May 2025 14:20
 Operator : JC/MD
 Sample : Q2097-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT-3888

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2025
 Supervised By : Mahesh Dadoda 05/23/2025

Quant Time: May 23 01:47:20 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	59919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	118466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60767	54.398	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.800%			
35) Dibromofluoromethane	5.385	113	43349	50.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.620%			
50) Toluene-d8	8.647	98	152918	51.791	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.580%			
62) 4-Bromofluorobenzene	11.079	95	60393	53.323	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.640%			
Target Compounds						
16) Acetone	2.386	43	41301	92.211	ug/l	100
18) Methyl Acetate	2.703	43	2703	2.601	ug/l	95
20) Methylene Chloride	2.788	84	3161	3.683	ug/l #	82
25) 2-Butanone	4.580	43	3395m	5.221	ug/l	
43) Isopropyl Acetate	6.348	43	12444	5.760	ug/l	99

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

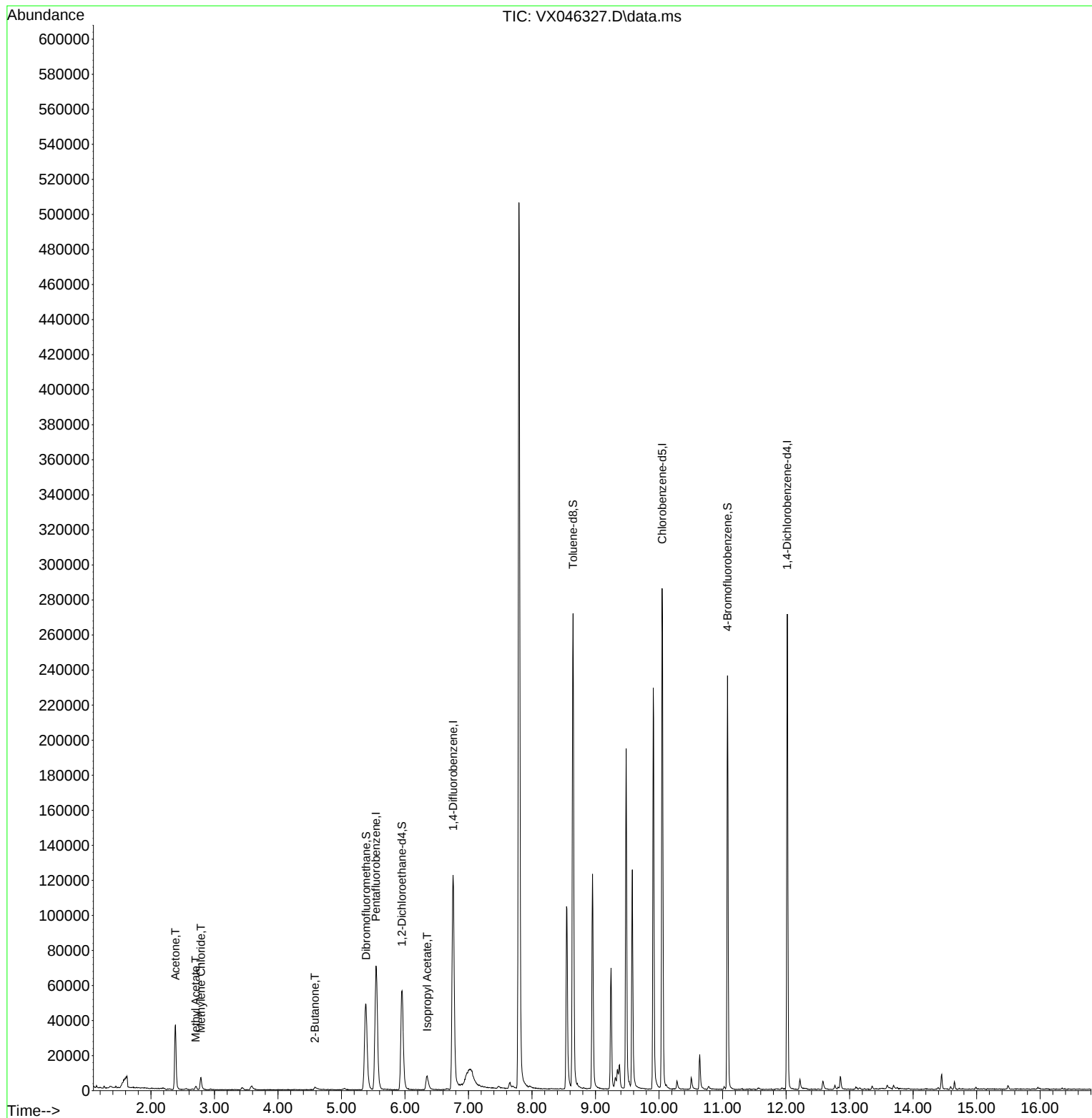
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052225\
Data File : VX046327.D
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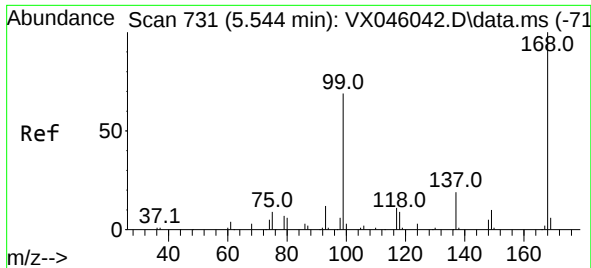
Instrument :
MSVOA_X
ClientSampleId :
RT-3888

Quant Time: May 23 01:47:20 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

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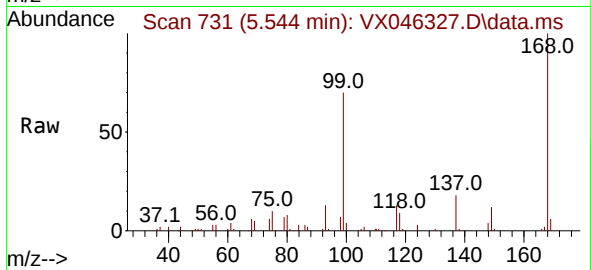
Reviewed By : John Carlone 05/23/2025
Supervised By : Mahesh Dadoda 05/23/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046327.D
Acq: 22 May 2025 14:20

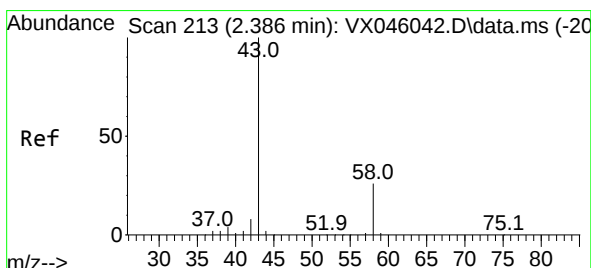
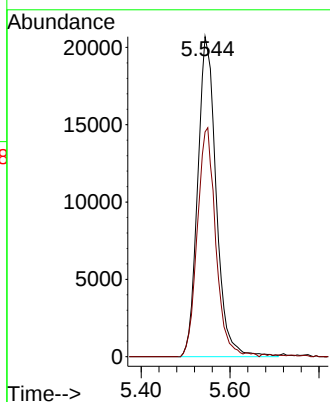
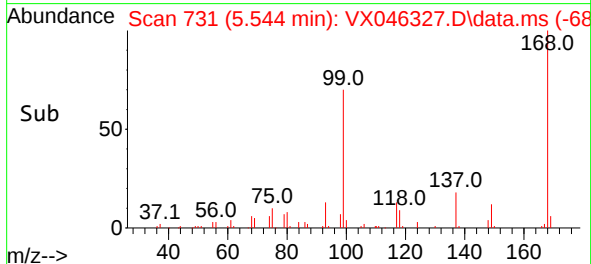
Instrument :
MSVOA_X
ClientSampleId :
RT-3888



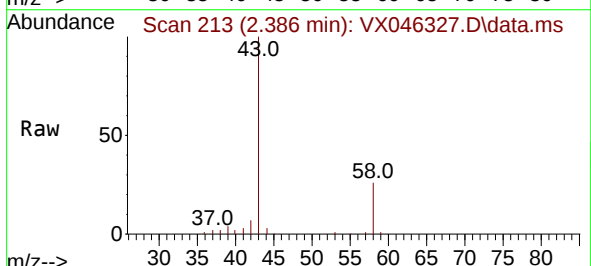
Tgt Ion:168 Resp: 59919
Ion Ratio Lower Upper
168 100
99 70.2 54.9 82.3

Manual Integrations
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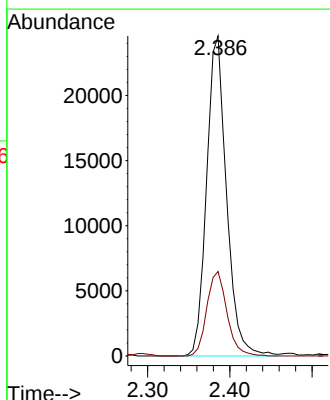
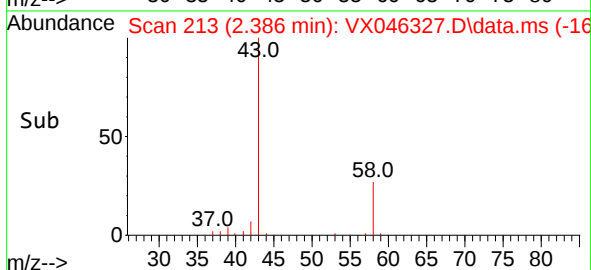
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

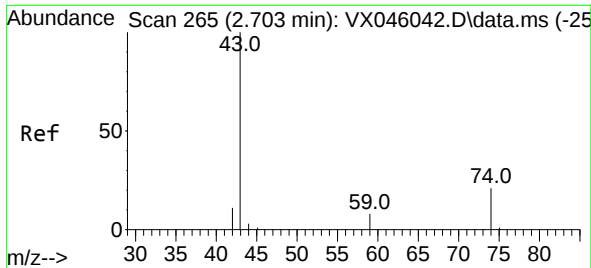


#16
Acetone
Concen: 92.211 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046327.D
Acq: 22 May 2025 14:20



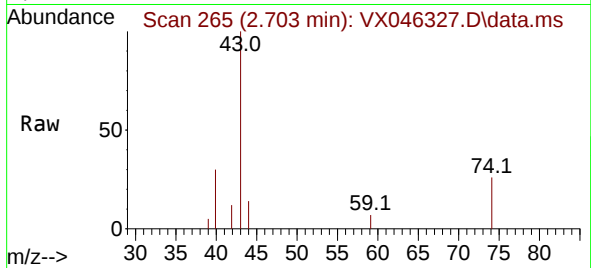
Tgt Ion: 43 Resp: 41301
Ion Ratio Lower Upper
43 100
58 26.4 21.2 31.8





#18
Methyl Acetate
Concen: 2.601 ug/l
RT: 2.703 min Scan# 270
Delta R.T. -0.000 min
Lab File: VX046327.D
Acq: 22 May 2025 14:20

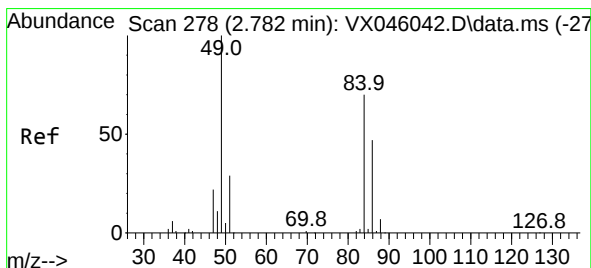
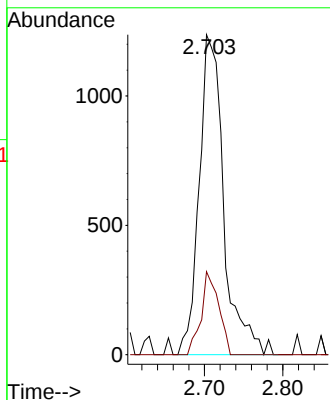
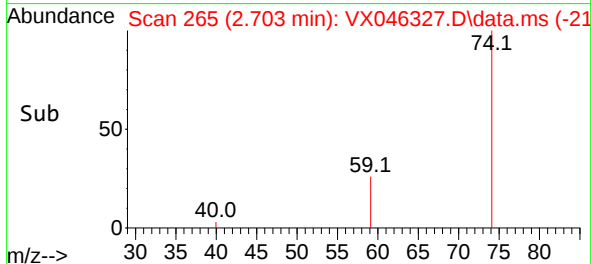
Instrument :
MSVOA_X
ClientSampleId :
RT-3888



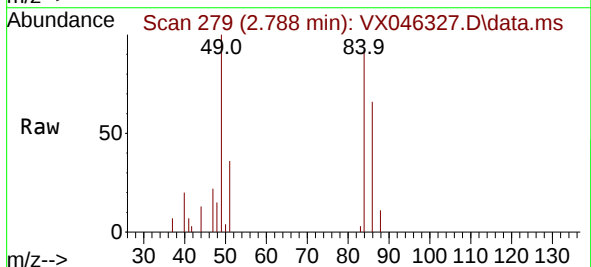
Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
74 18.5 16.7 25.1

Manual Integrations
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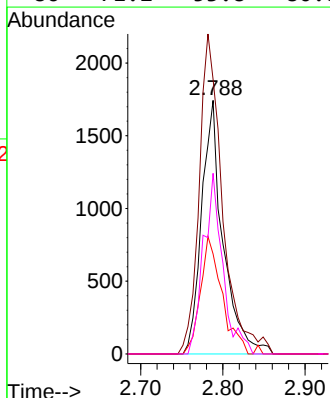
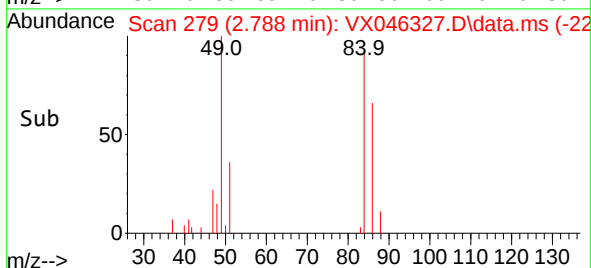
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

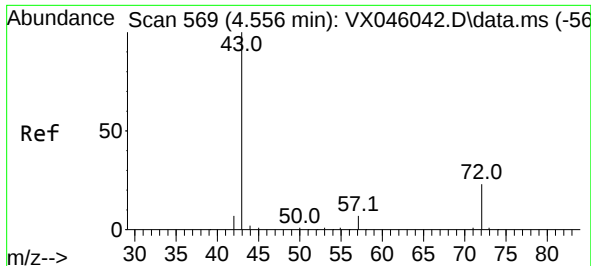


#20
Methylene Chloride
Concen: 3.683 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046327.D
Acq: 22 May 2025 14:20



Tgt Ion: 84 Resp: 3161
Ion Ratio Lower Upper
84 100
49 108.3 113.9 170.9#
51 39.4 33.5 50.3
86 71.2 53.8 80.8





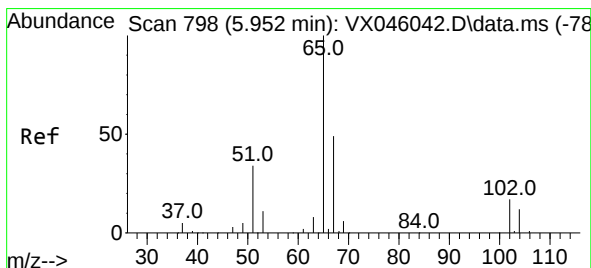
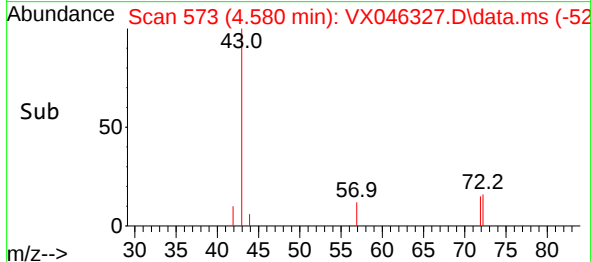
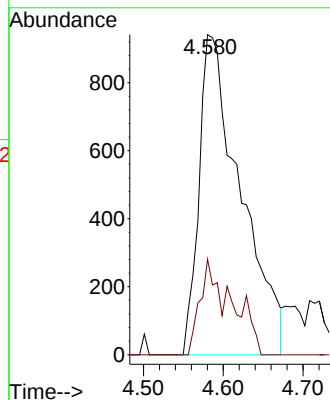
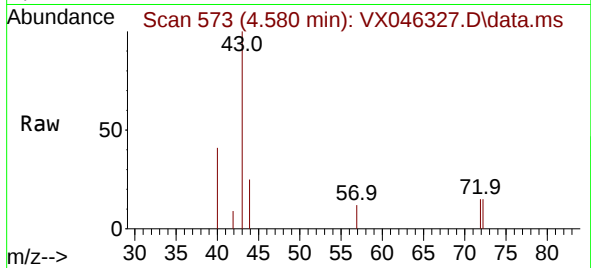
#25
2-Butanone
Concen: 5.221 ug/l m
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX046327.D
Acq: 22 May 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
RT-3888

Tgt Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
72 15.3 18.4 27.6

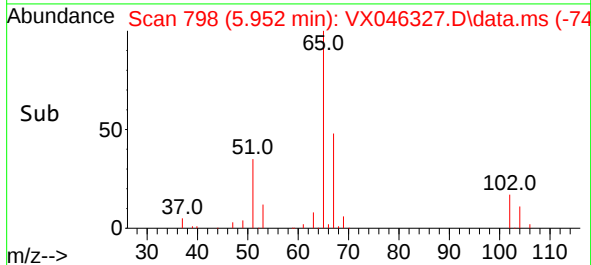
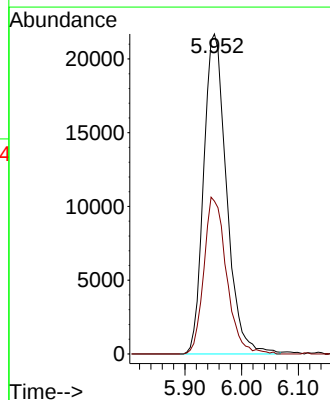
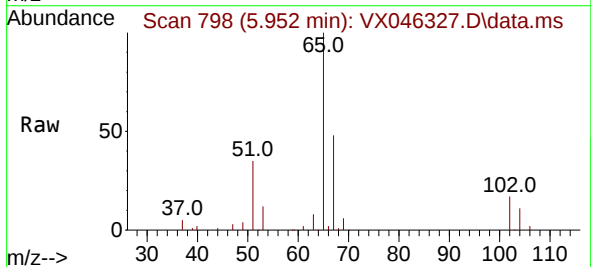
Manual Integrations
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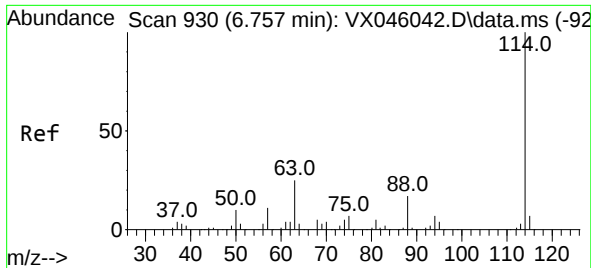
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#33
1,2-Dichloroethane-d4
Concen: 54.398 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046327.D
Acq: 22 May 2025 14:20

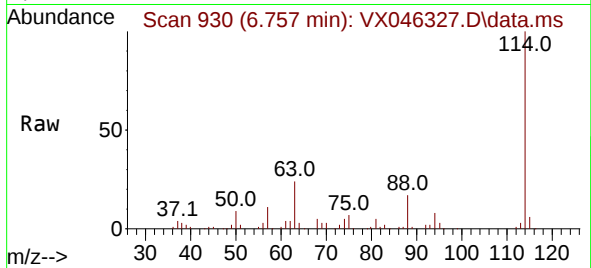
Tgt Ion: 65 Resp: 60767
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX046327.D
Acq: 22 May 2025 14:20

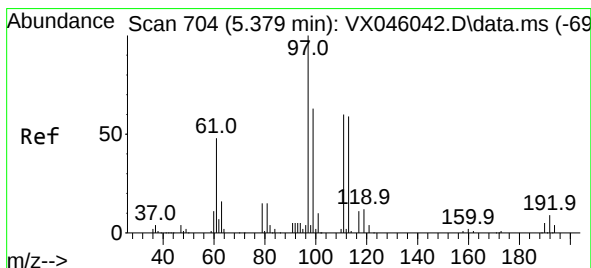
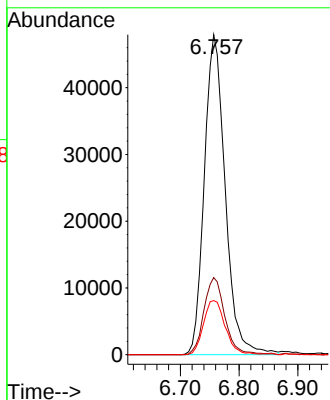
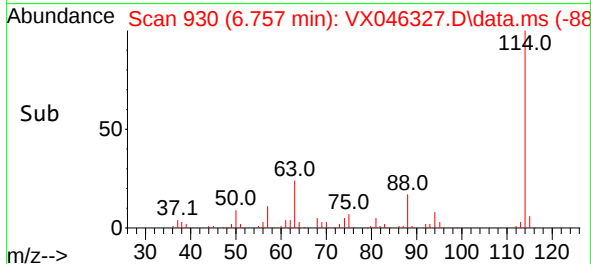
Instrument :
MSVOA_X
ClientSampleId :
RT-3888



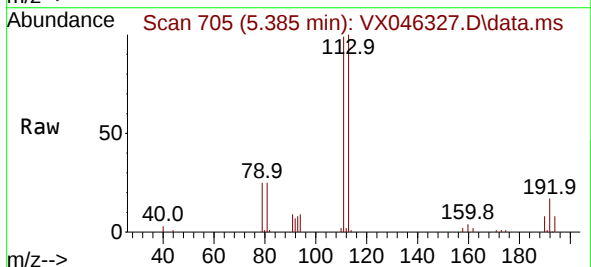
Tgt Ion:114 Resp: 118460
Ion Ratio Lower Upper
114 100
63 24.1 0.0 49.2
88 16.9 0.0 33.6

Manual Integrations
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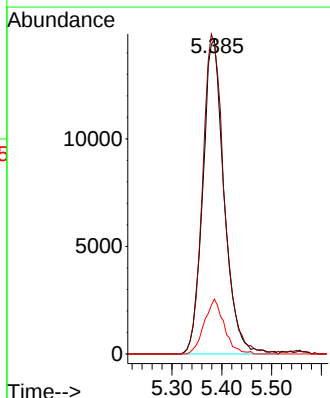
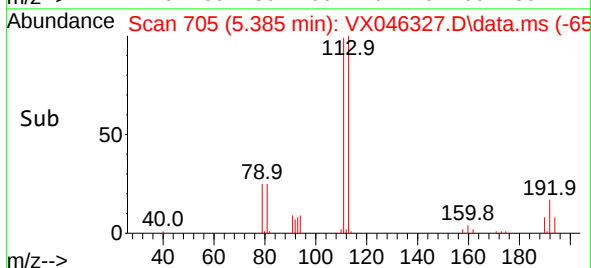
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

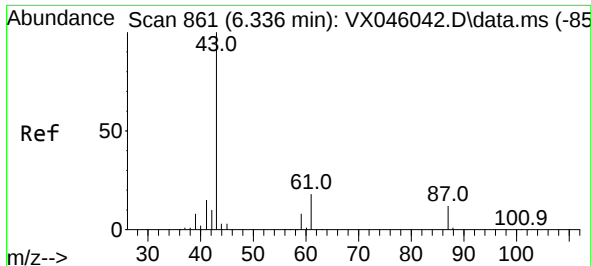


#35
Dibromofluoromethane
Concen: 50.815 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046327.D
Acq: 22 May 2025 14:20



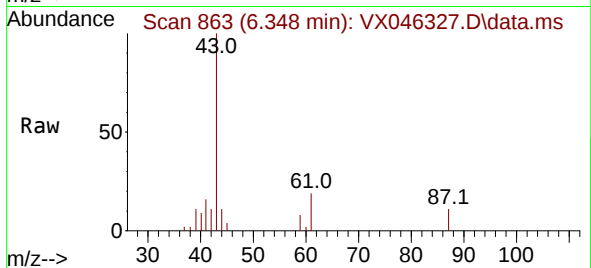
Tgt Ion:113 Resp: 43349
Ion Ratio Lower Upper
113 100
111 102.7 83.1 124.7
192 16.3 13.3 19.9





#43
Isopropyl Acetate
Concen: 5.760 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX046327.D
Acq: 22 May 2025 14:20

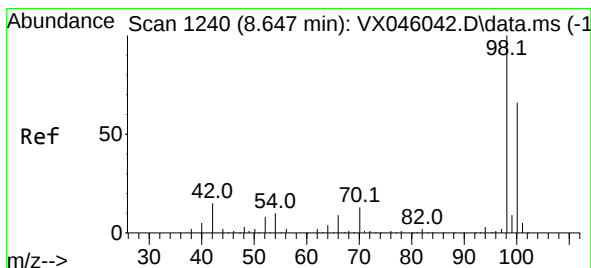
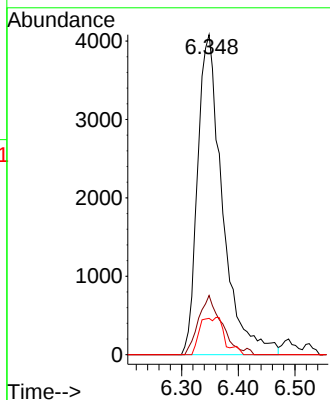
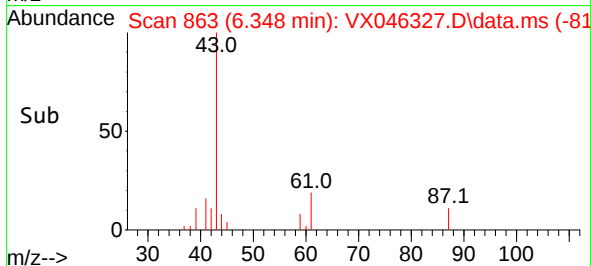
Instrument :
MSVOA_X
ClientSampleId :
RT-3888



Tgt Ion: 43 Resp: 1244
Ion Ratio Lower Upper
43 100
61 17.4 14.3 21.5
87 11.5 9.5 14.3

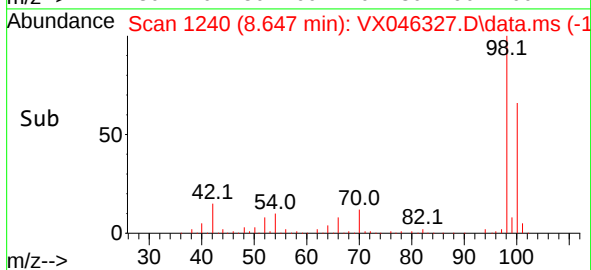
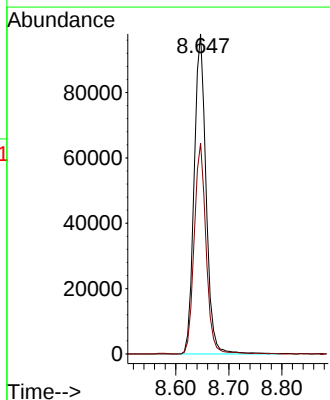
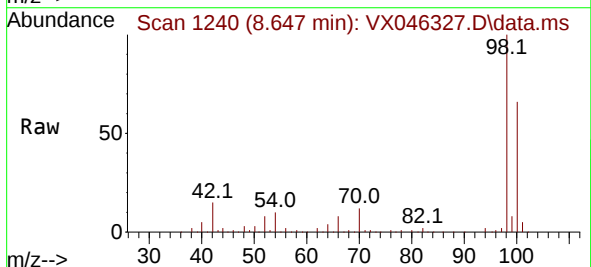
Manual Integrations
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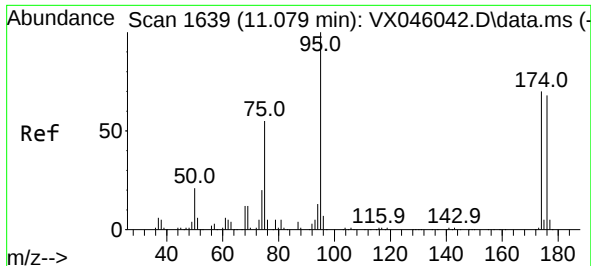
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#50
Toluene-d8
Concen: 51.791 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046327.D
Acq: 22 May 2025 14:20

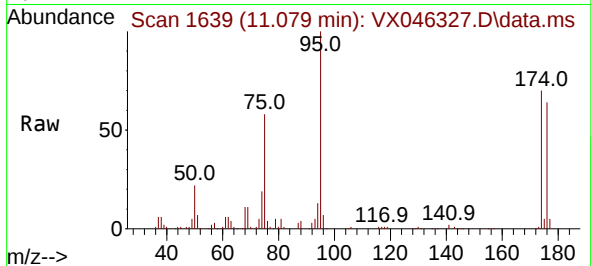
Tgt Ion: 98 Resp: 152918
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 53.323 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046327.D
Acq: 22 May 2025 14:20

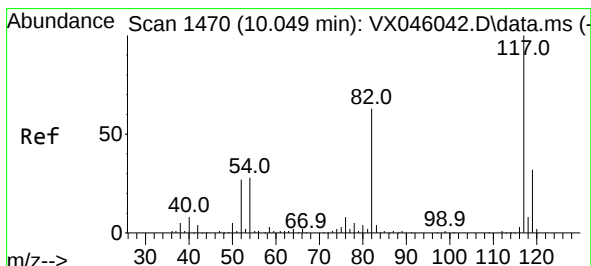
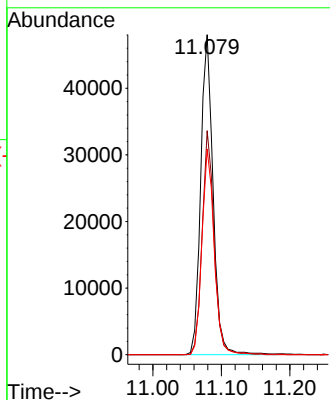
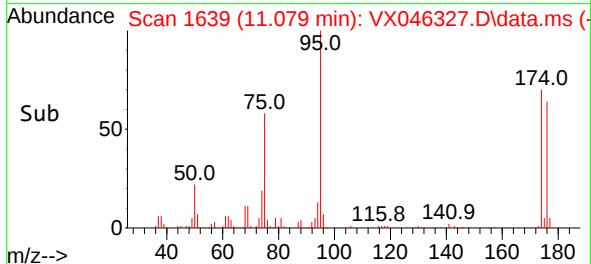
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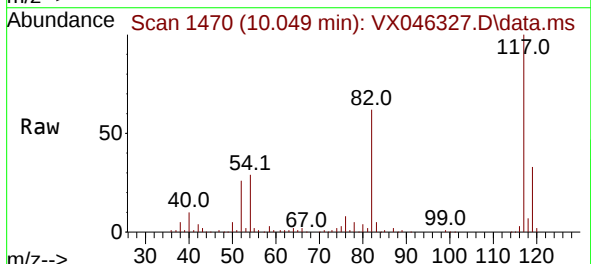
Tgt Ion: 95 Resp: 6039
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 64.1 0.0 131.4

Manual Integrations
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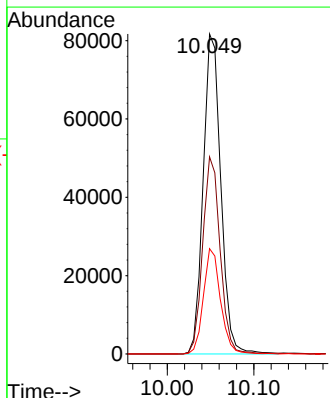
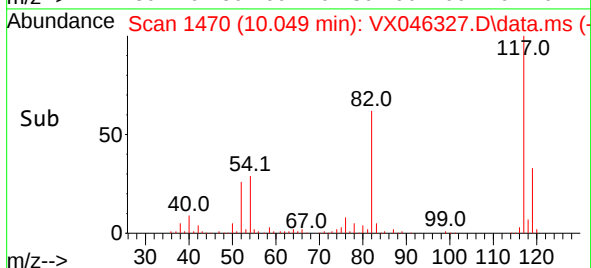
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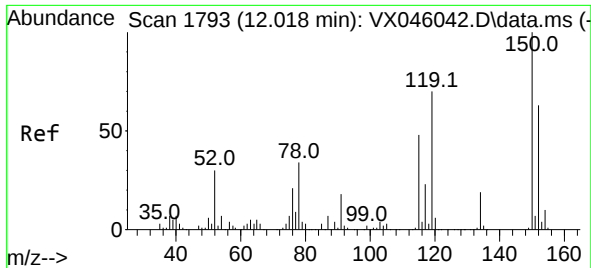


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046327.D
Acq: 22 May 2025 14:20



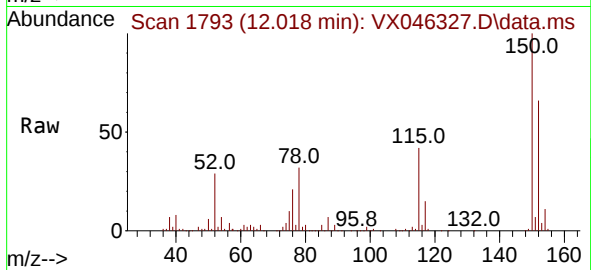
Tgt Ion:117 Resp: 115533
Ion Ratio Lower Upper
117 100
82 61.6 50.6 76.0
119 32.9 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046327.D
 Acq: 22 May 2025 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RT-3888



Tgt Ion:152 Resp: 4995
 Ion Ratio Lower Upper
 152 100
 115 65.1 46.9 140.7
 150 156.7 0.0 351.0

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