

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045888.D
 Acq On : 22 Apr 2025 16:27
 Operator : JC/MD
 Sample : PB167661ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167661ZHE#01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/23/2025
 Supervised By : Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 01:35:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	70819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136783	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69371	53.564	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.120%			
35) Dibromofluoromethane	5.379	113	50274	51.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	8.647	98	172125	50.814	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.620%			
62) 4-Bromofluorobenzene	11.079	95	63195	51.218	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.440%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	26393	49.629	ug/l	98
18) Methyl Acetate	2.703	43	2543	2.077	ug/l	95
20) Methylene Chloride	2.788	84	2655	2.667	ug/l	93
25) 2-Butanone	4.593	43	4563m	5.862	ug/l	
43) Isopropyl Acetate	6.342	43	12309	4.918	ug/l	98

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

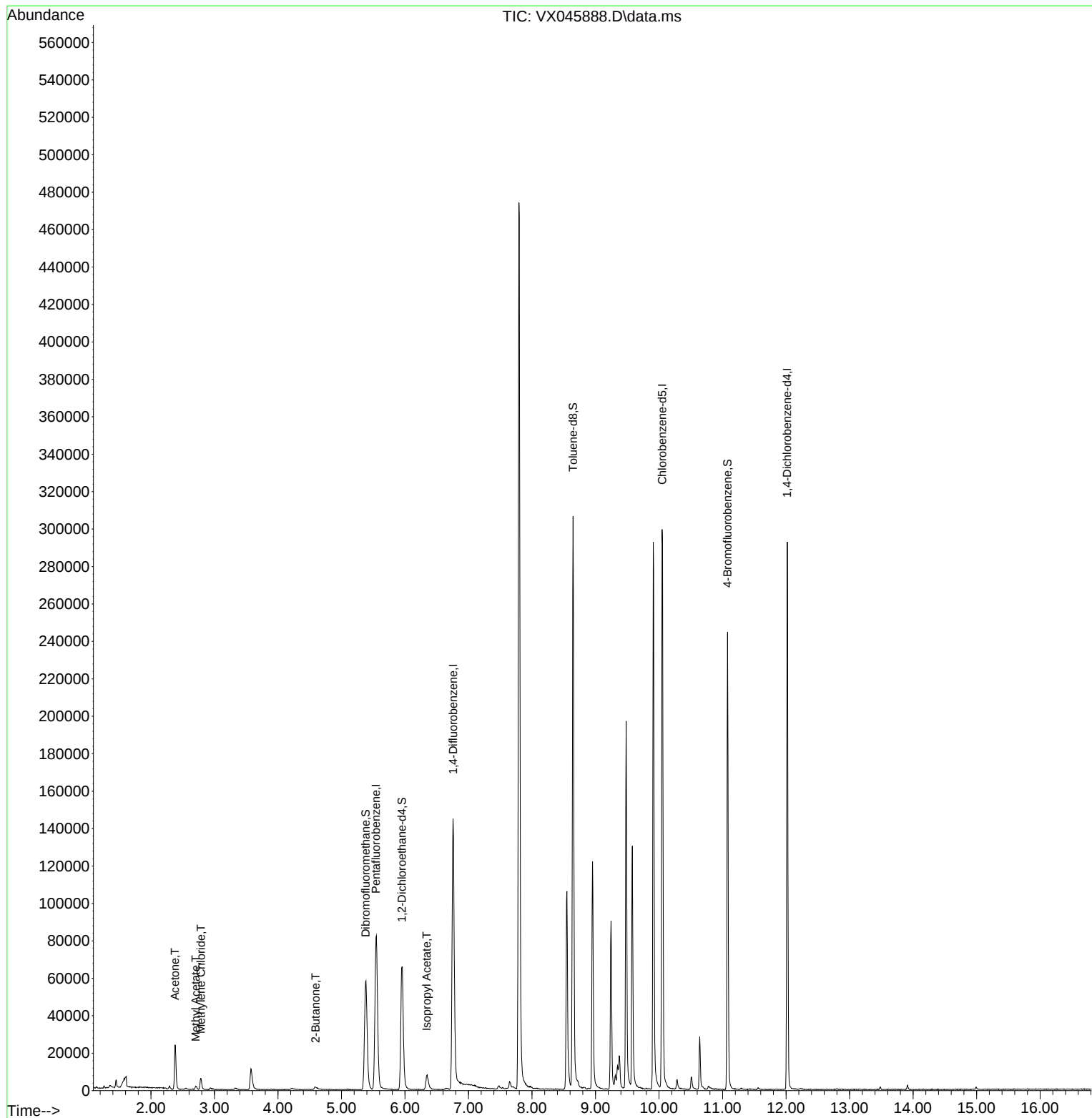
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
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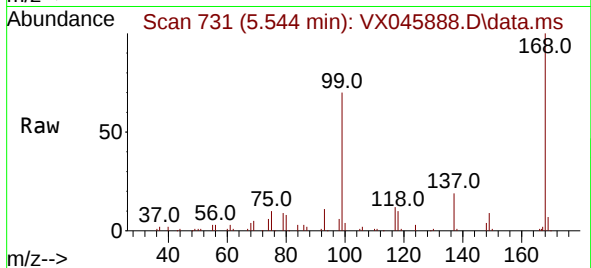
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045888.D
Acq: 22 Apr 2025 16:27

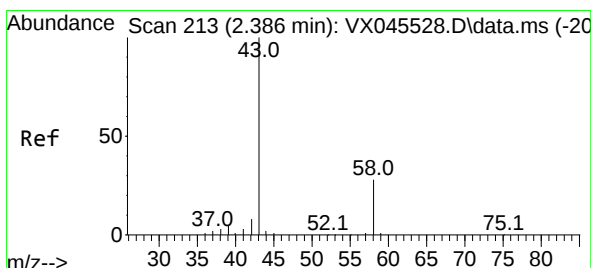
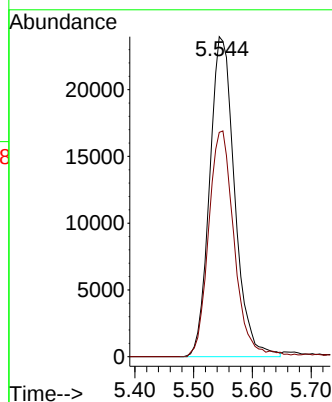
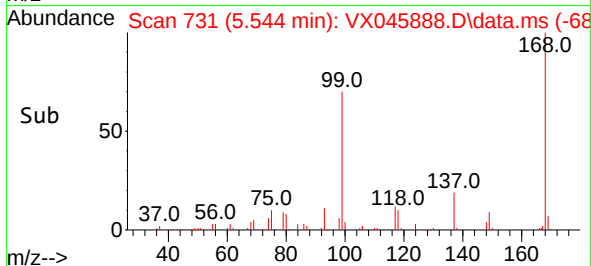
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#01



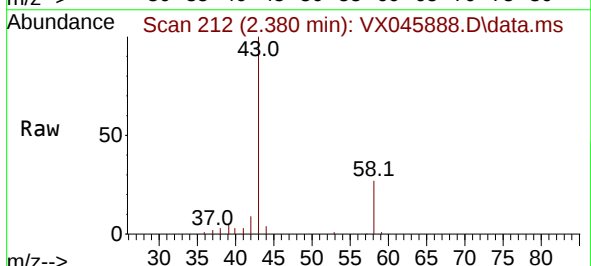
Tgt Ion:168 Resp: 70819
Ion Ratio Lower Upper
168 100
99 70.1 52.3 78.5

Manual Integrations
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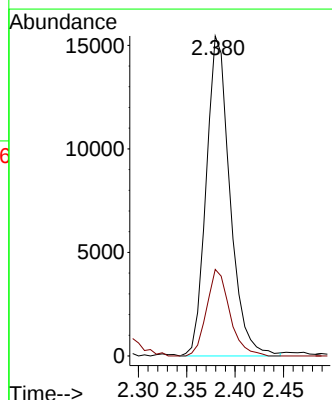
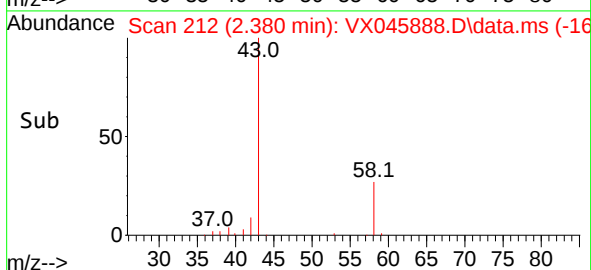
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#16
Acetone
Concen: 49.629 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045888.D
Acq: 22 Apr 2025 16:27



Tgt Ion: 43 Resp: 26393
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5





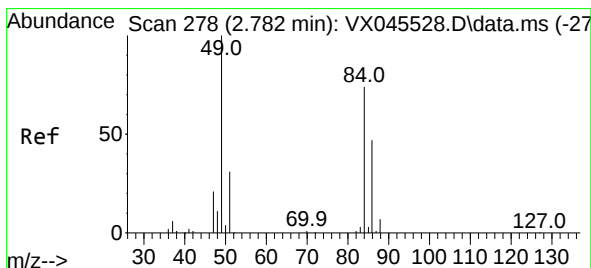
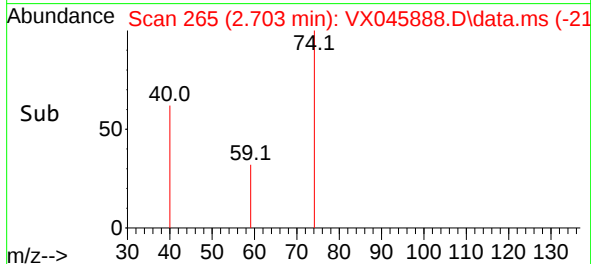
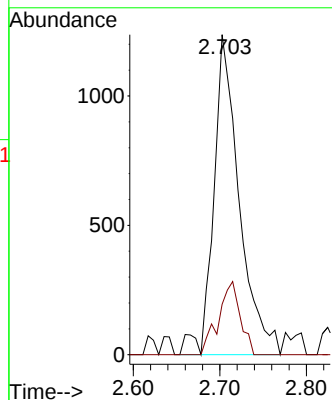
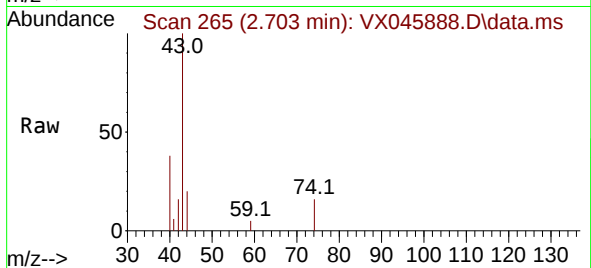
#18
Methyl Acetate
Concen: 2.077 ug/l
RT: 2.703 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX045888.D
Acq: 22 Apr 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#01

Tgt Ion: 43 Resp: 254
Ion Ratio Lower Upper
43 100
74 19.3 17.5 26.3

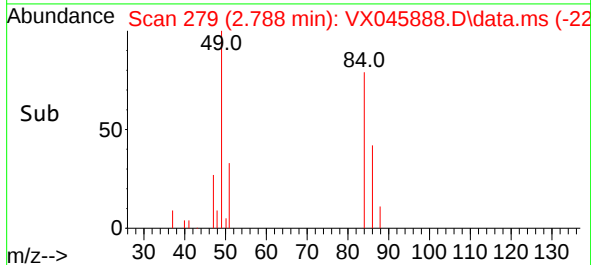
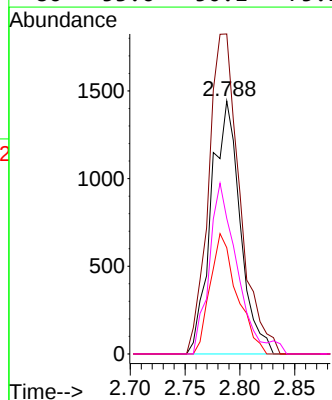
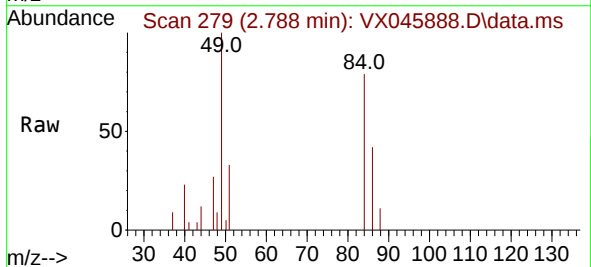
Manual Integrations
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Supervised By :Mahesh Dadoda 04/23/2025



#20
Methylene Chloride
Concen: 2.667 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045888.D
Acq: 22 Apr 2025 16:27

Tgt Ion: 84 Resp: 2655
Ion Ratio Lower Upper
84 100
49 126.5 107.5 161.3
51 42.0 33.0 49.6
86 53.6 50.1 75.1





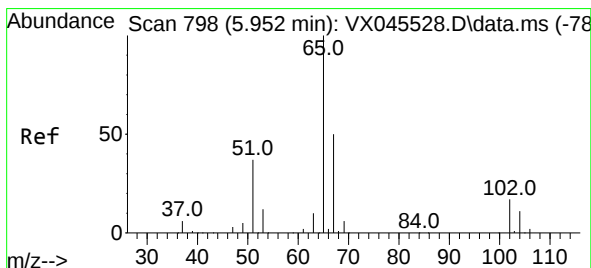
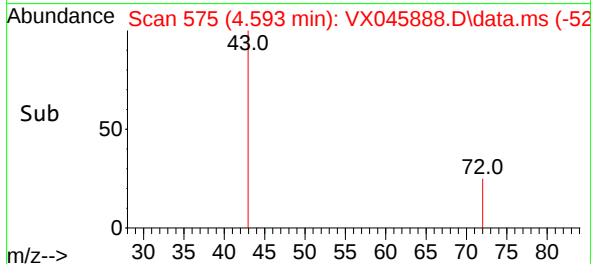
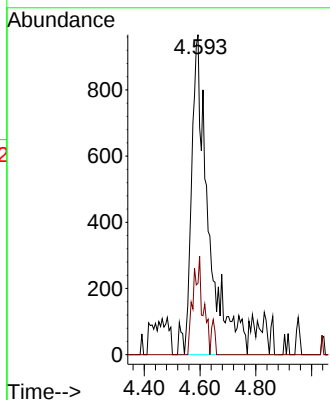
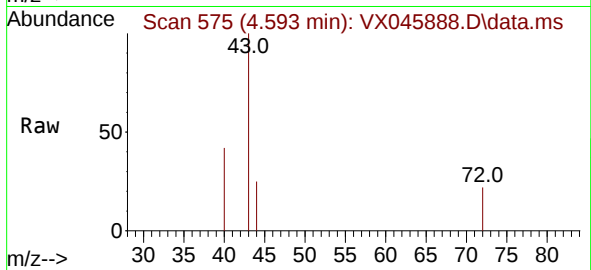
#25
2-Butanone
Concen: 5.862 ug/l m
RT: 4.593 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX045888.D
Acq: 22 Apr 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#01

Tgt Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
72 22.3 18.6 28.0

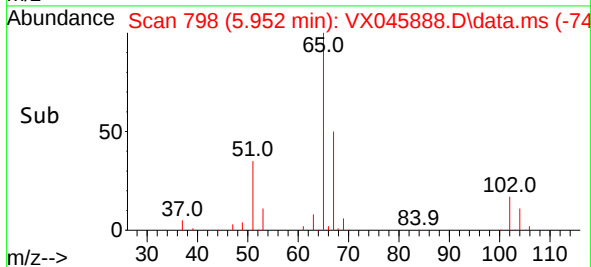
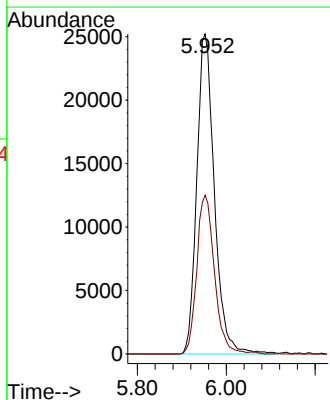
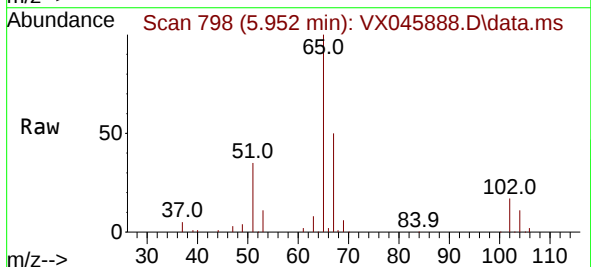
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#33
1,2-Dichloroethane-d4
Concen: 53.564 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045888.D
Acq: 22 Apr 2025 16:27

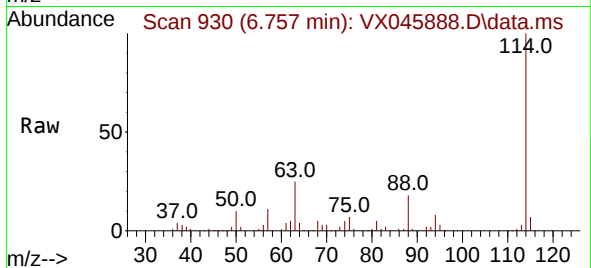
Tgt Ion: 65 Resp: 69371
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. -0.000 min
Lab File: VX045888.D
Acq: 22 Apr 2025 16:27

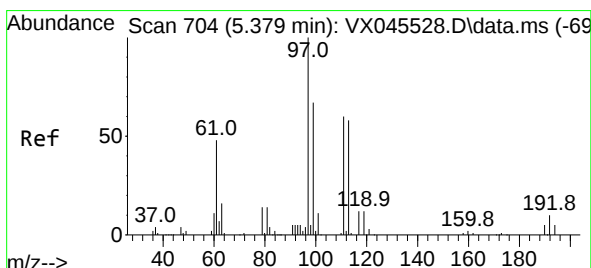
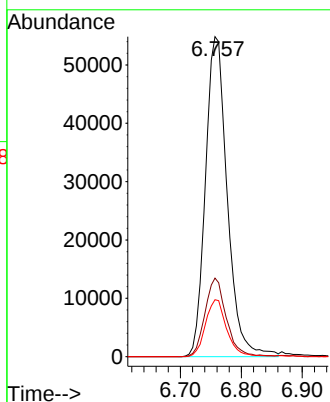
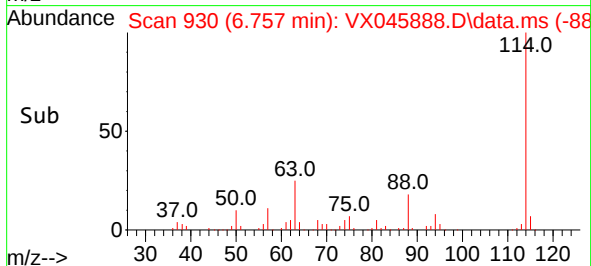
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#01



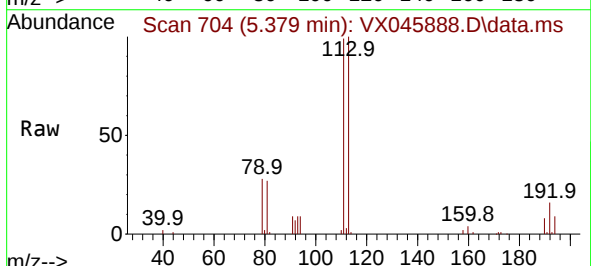
Tgt Ion:114 Resp: 13678
Ion Ratio Lower Upper
114 100
63 24.6 0.0 46.8
88 17.8 0.0 35.4

Manual Integrations
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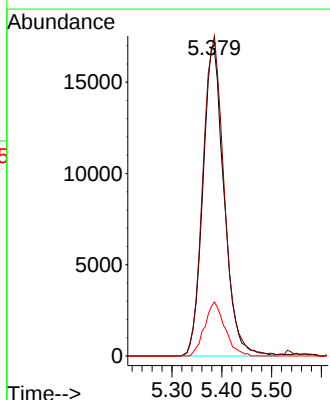
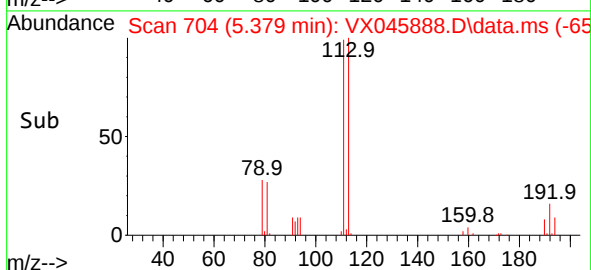
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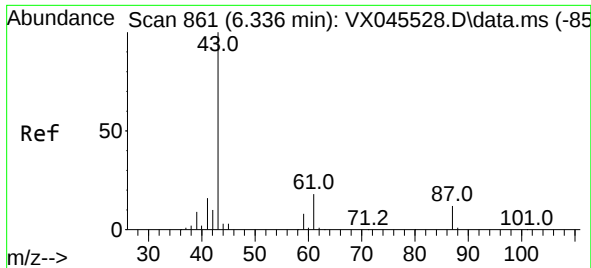


#35
Dibromofluoromethane
Concen: 51.803 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045888.D
Acq: 22 Apr 2025 16:27



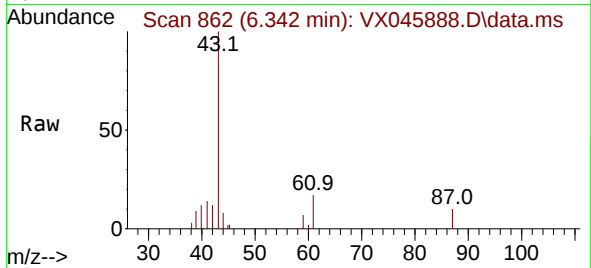
Tgt Ion:113 Resp: 50274
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 16.6 13.8 20.6





#43
Isopropyl Acetate
Concen: 4.918 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045888.D
Acq: 22 Apr 2025 16:27

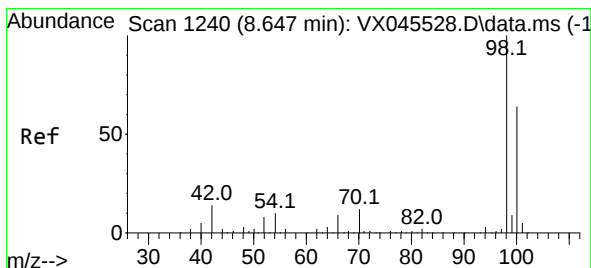
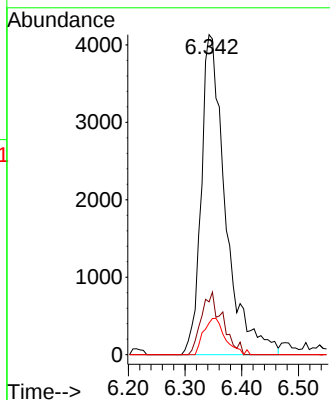
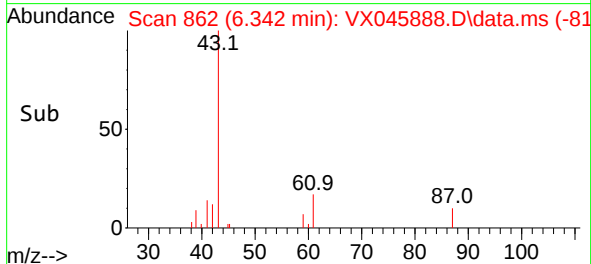
Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#01



Tgt Ion: 43 Resp: 12309
Ion Ratio Lower Upper
43 100
61 17.0 14.1 21.1
87 10.0 9.2 13.8

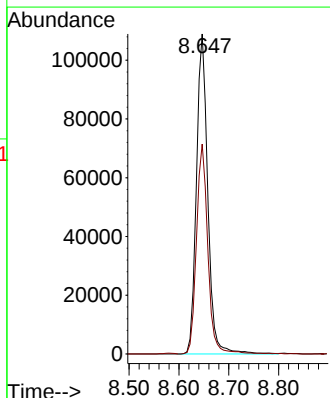
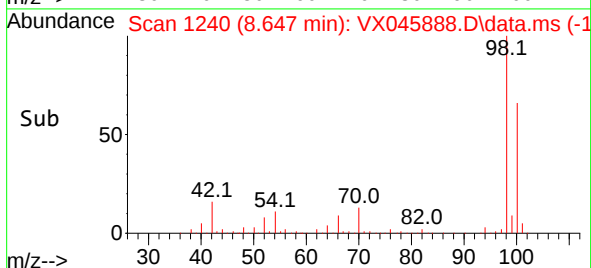
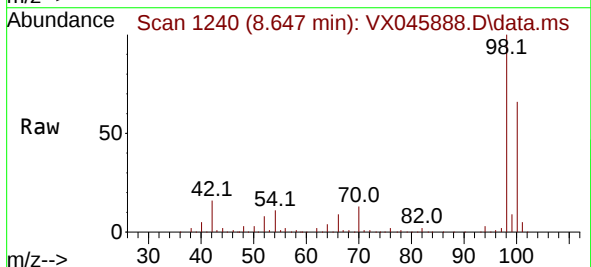
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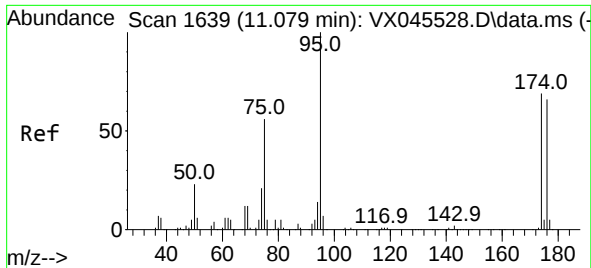
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#50
Toluene-d8
Concen: 50.814 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045888.D
Acq: 22 Apr 2025 16:27

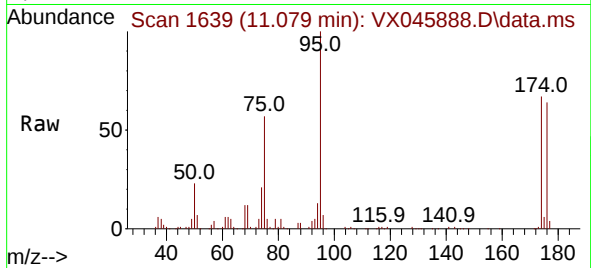
Tgt Ion: 98 Resp: 172125
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 51.218 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045888.D
Acq: 22 Apr 2025 16:27

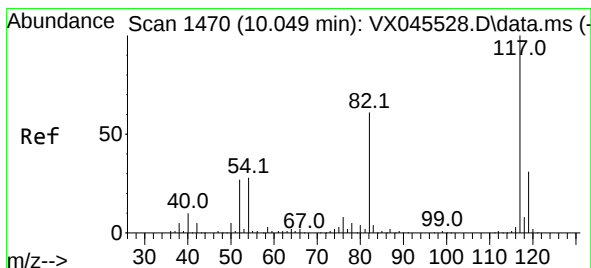
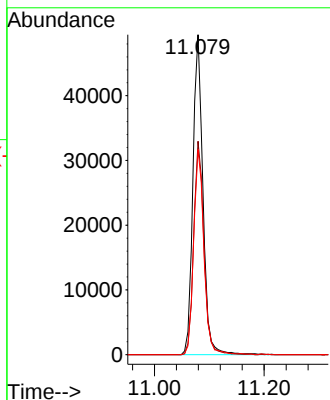
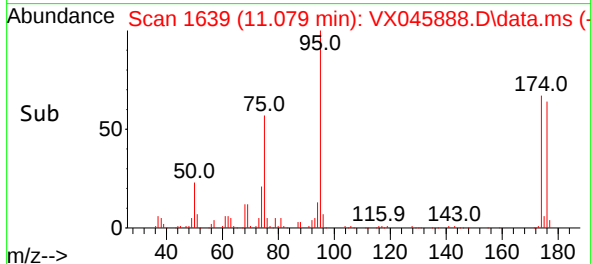
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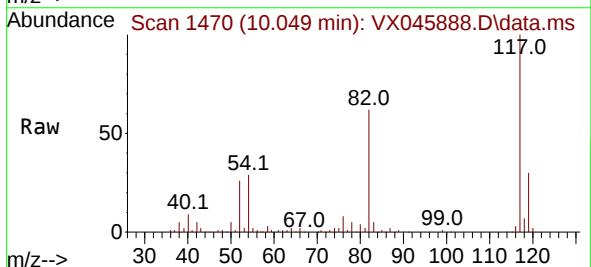
Tgt Ion: 95 Resp: 6319
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 65.4 0.0 131.4

Manual Integrations
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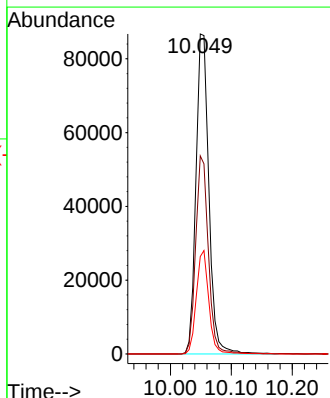
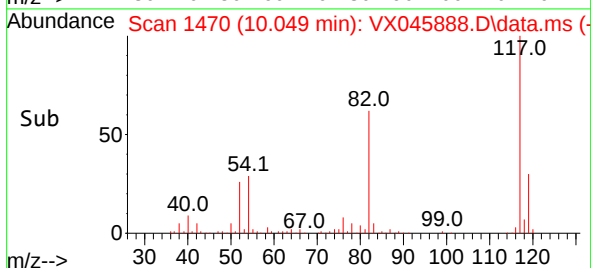
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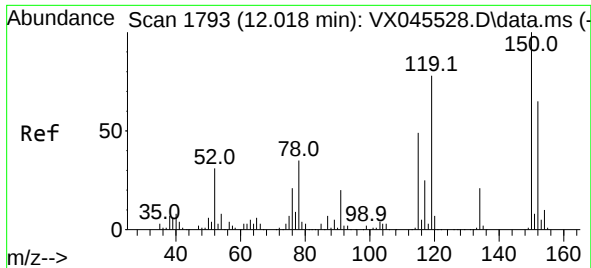


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045888.D
Acq: 22 Apr 2025 16:27



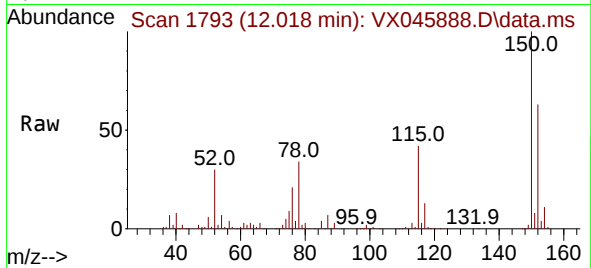
Tgt Ion:117 Resp: 127546
Ion Ratio Lower Upper
117 100
82 61.9 49.2 73.8
119 30.5 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045888.D
 Acq: 22 Apr 2025 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167661ZHE#01



Tgt Ion:152 Resp: 52330
 Ion Ratio Lower Upper
 152 100
 115 65.9 46.9 140.7
 150 156.2 0.0 349.4

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