

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045803.D
 Acq On : 16 Apr 2025 13:25
 Operator : JC/MD
 Sample : PB167604ZHE#61
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167604ZHE#61

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:36:23 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	65137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65294	54.814	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.620%			
35) Dibromofluoromethane	5.385	113	47079	51.440	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.880%			
50) Toluene-d8	8.647	98	163300	51.119	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.240%			
62) 4-Bromofluorobenzene	11.079	95	62702	53.886	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.780%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	23912	48.886	ug/l	95
18) Methyl Acetate	2.709	43	2017	1.791	ug/l #	90
20) Methylene Chloride	2.788	84	3288	3.591	ug/l #	93
25) 2-Butanone	4.593	43	3621m	5.057	ug/l	
43) Isopropyl Acetate	6.348	43	11874	5.031	ug/l	98

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

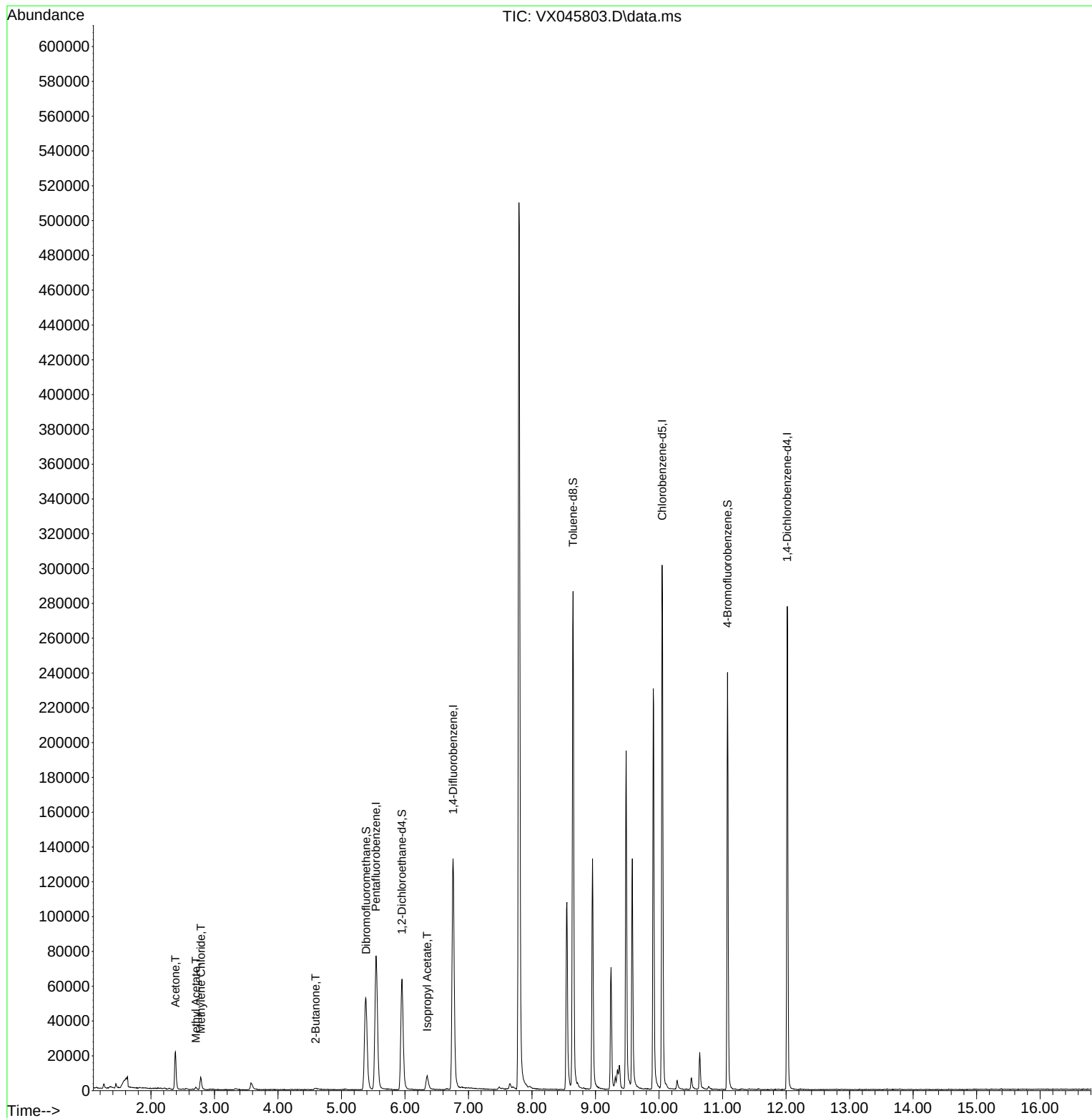
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045803.D
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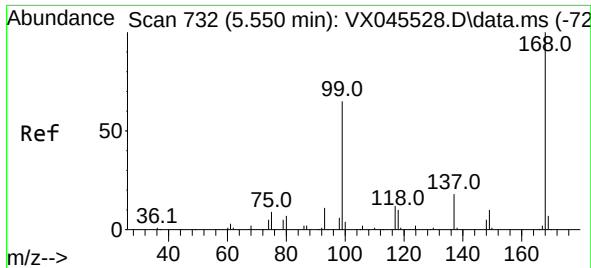
Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#61

Quant Time: Apr 17 01:36:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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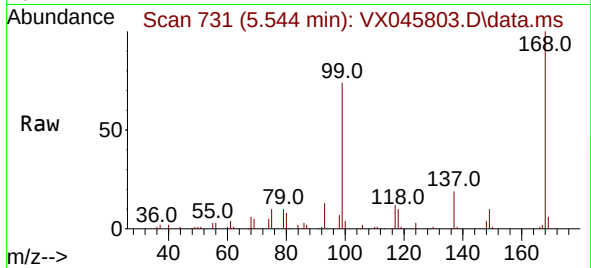
Reviewed By : John Carlone 04/17/2025
Supervised By : Mahesh Dadoda 04/17/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045803.D
Acq: 16 Apr 2025 13:25

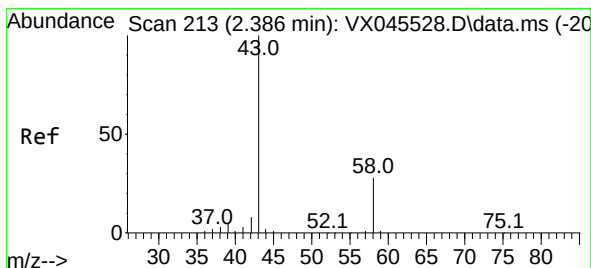
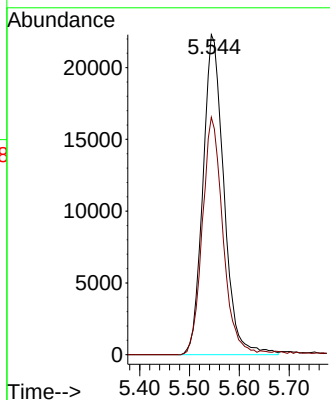
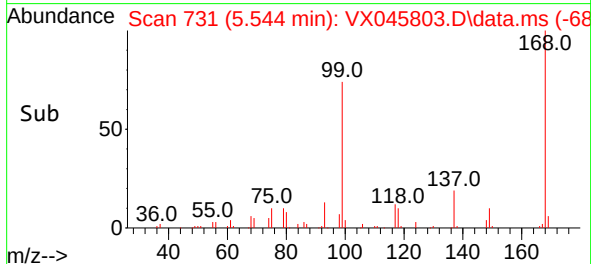
Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#61



Tgt Ion:168 Resp: 6513
Ion Ratio Lower Upper
168 100
99 74.2 52.3 78.5

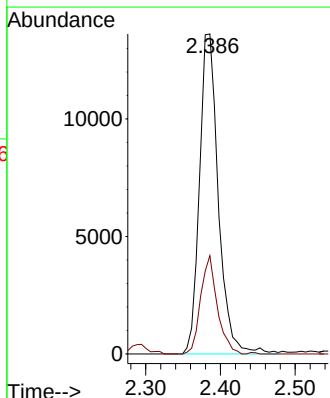
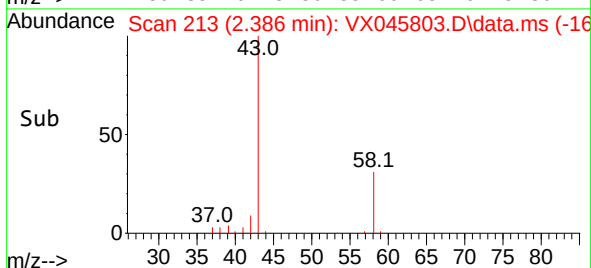
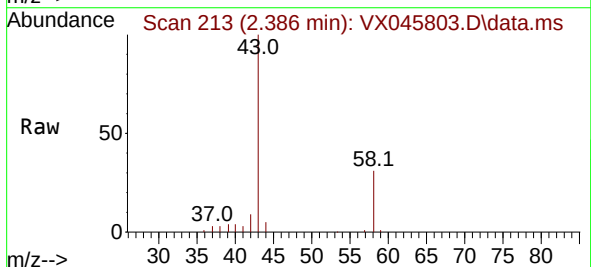
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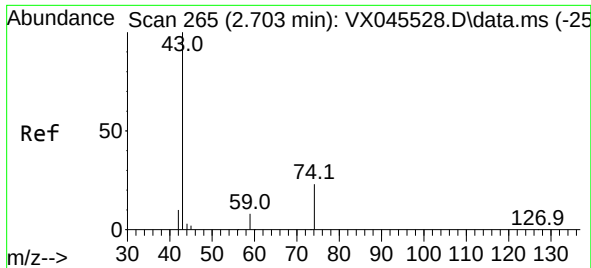
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#16
Acetone
Concen: 48.886 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045803.D
Acq: 16 Apr 2025 13:25

Tgt Ion: 43 Resp: 23912
Ion Ratio Lower Upper
43 100
58 30.7 22.3 33.5





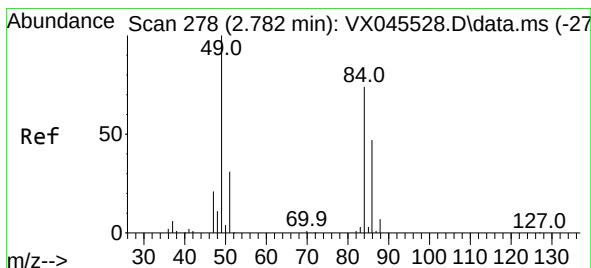
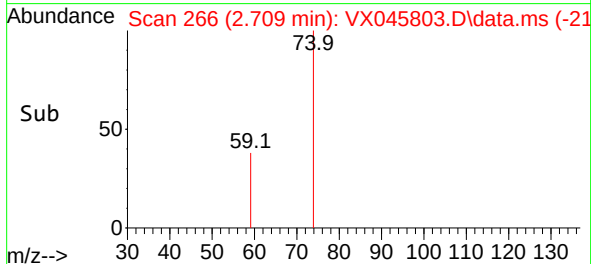
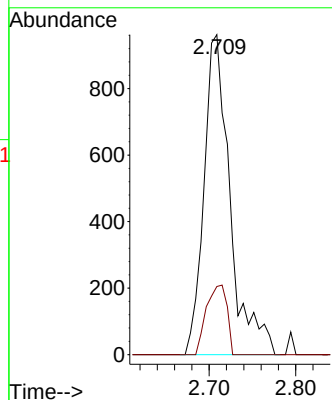
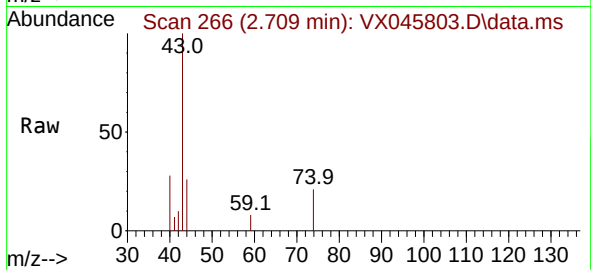
#18
Methyl Acetate
Concen: 1.791 ug/l
RT: 2.709 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045803.D
Acq: 16 Apr 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#61

Tgt Ion: 43 Resp: 201
Ion Ratio Lower Upper
43 100
74 17.1 17.5 26.3

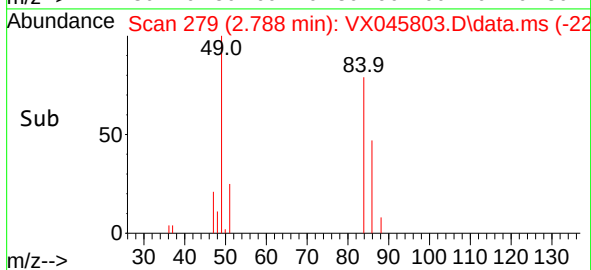
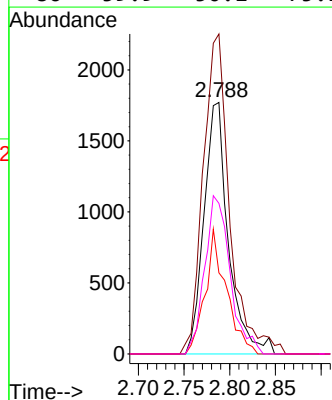
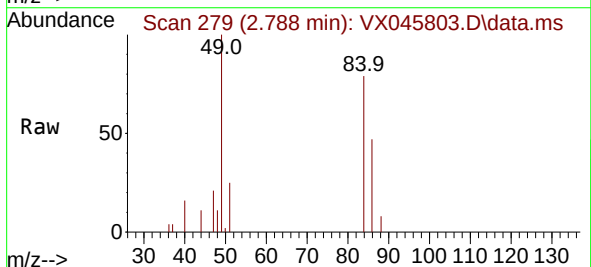
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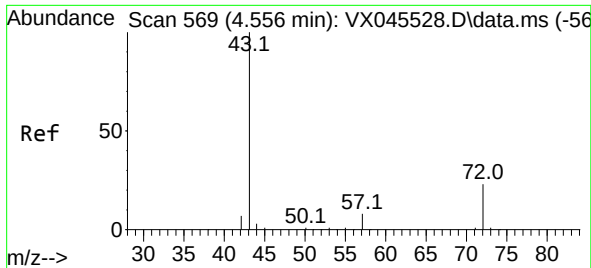
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#20
Methylene Chloride
Concen: 3.591 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045803.D
Acq: 16 Apr 2025 13:25

Tgt Ion: 84 Resp: 3288
Ion Ratio Lower Upper
84 100
49 127.2 107.5 161.3
51 32.2 33.0 49.6#
86 59.9 50.1 75.1





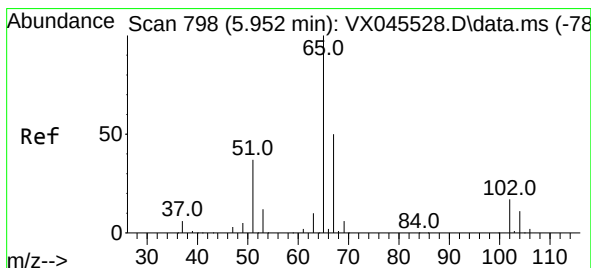
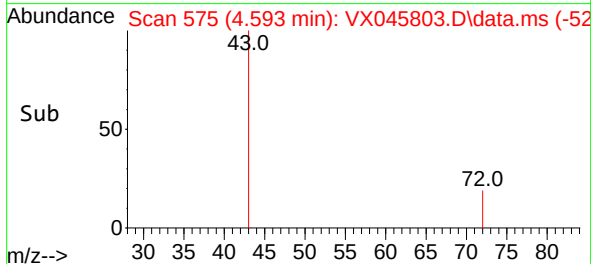
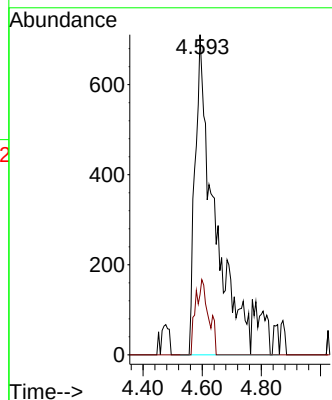
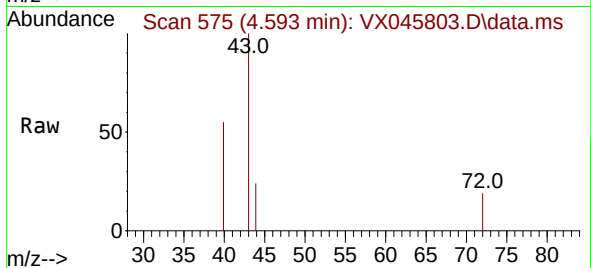
#25
2-Butanone
Concen: 5.057 ug/l m
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX045803.D
Acq: 16 Apr 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#61

Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
72 18.8 18.6 28.0

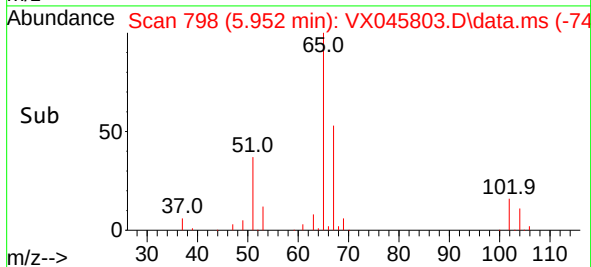
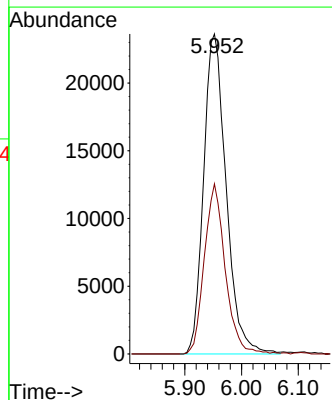
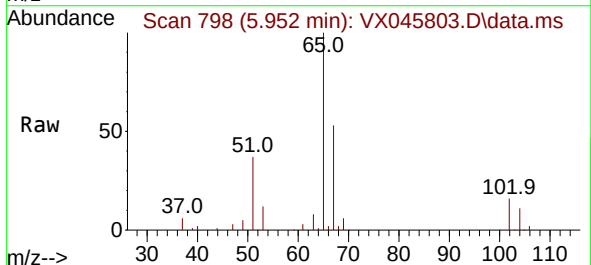
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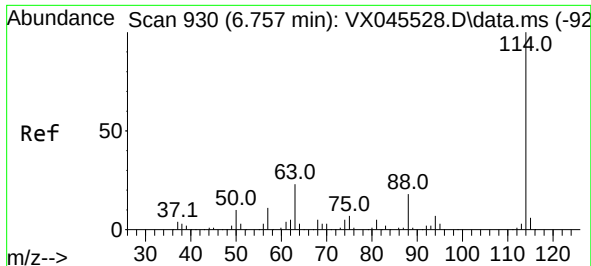
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#33
1,2-Dichloroethane-d4
Concen: 54.814 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045803.D
Acq: 16 Apr 2025 13:25

Tgt Ion: 65 Resp: 65294
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0





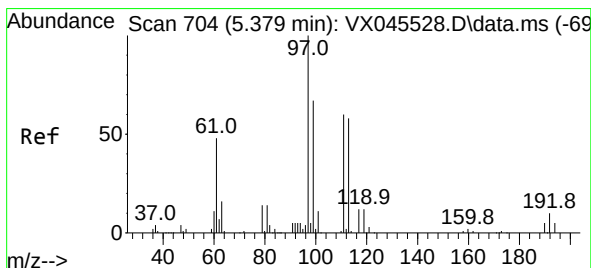
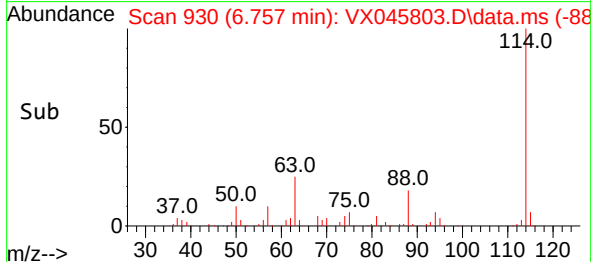
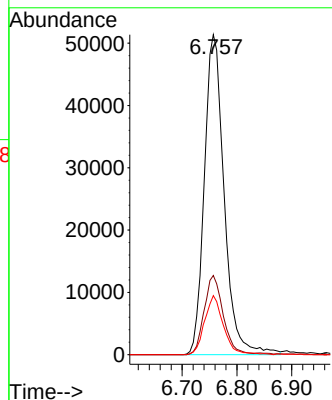
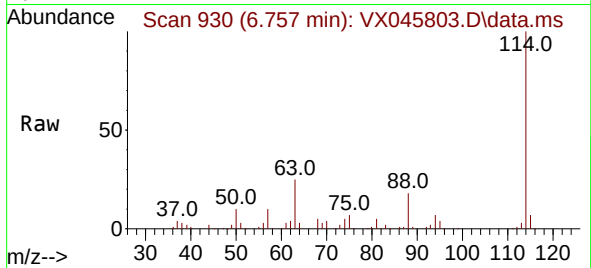
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. 0.000 min
Lab File: VX045803.D
Acq: 16 Apr 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#61

Tgt Ion:114 Resp: 128990
Ion Ratio Lower Upper
114 100
63 24.8 0.0 46.8
88 18.4 0.0 35.4

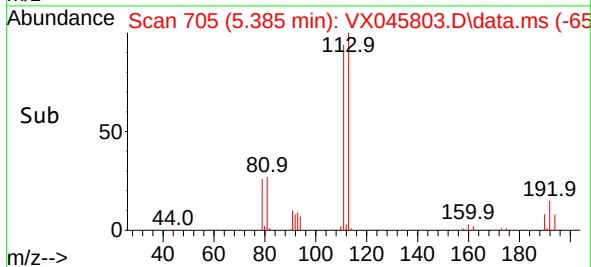
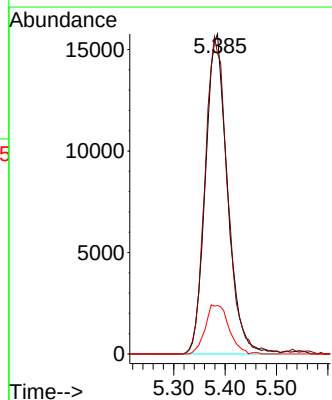
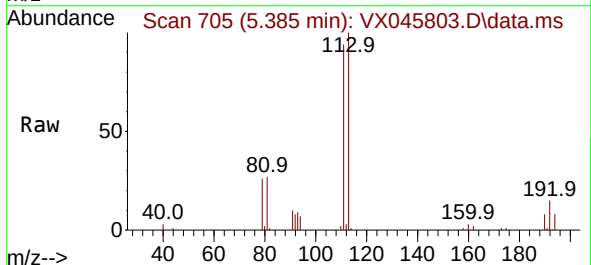
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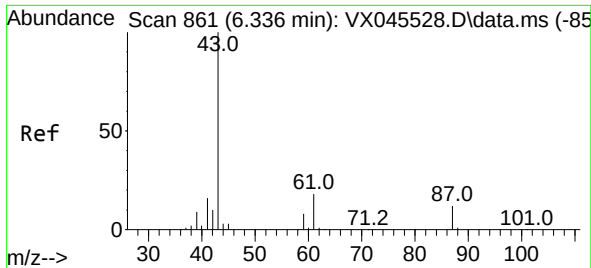
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#35
Dibromofluoromethane
Concen: 51.440 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045803.D
Acq: 16 Apr 2025 13:25

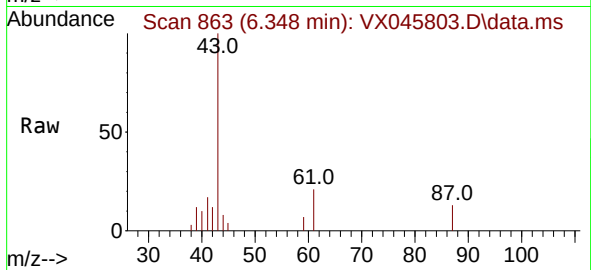
Tgt Ion:113 Resp: 47079
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.6
192 16.3 13.8 20.6





#43
Isopropyl Acetate
Concen: 5.031 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX045803.D
Acq: 16 Apr 2025 13:25

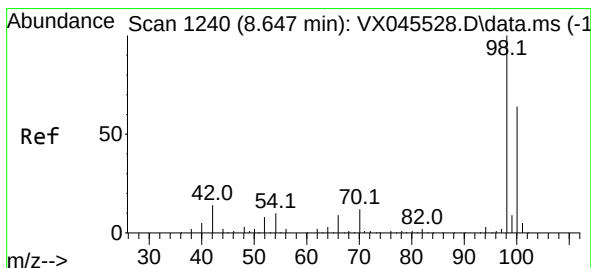
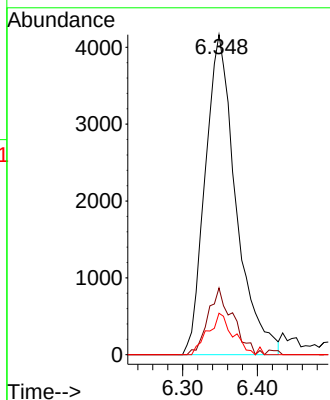
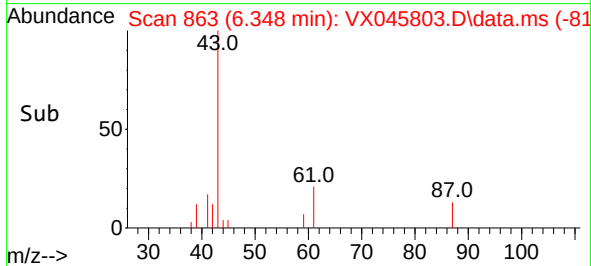
Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#61



Tgt Ion: 43 Resp: 11874
Ion Ratio Lower Upper
43 100
61 17.0 14.1 21.1
87 10.4 9.2 13.8

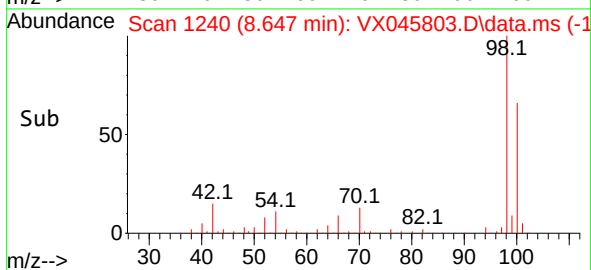
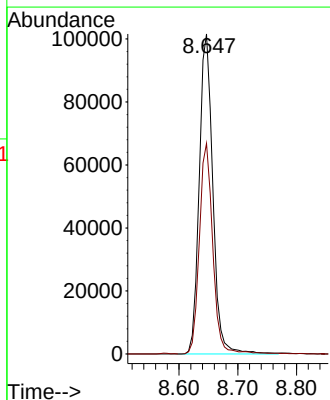
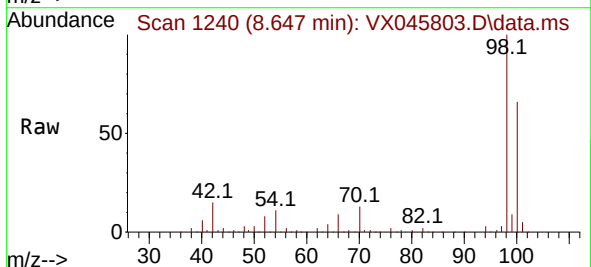
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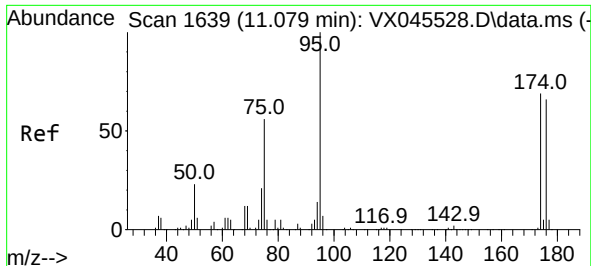
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#50
Toluene-d8
Concen: 51.119 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045803.D
Acq: 16 Apr 2025 13:25

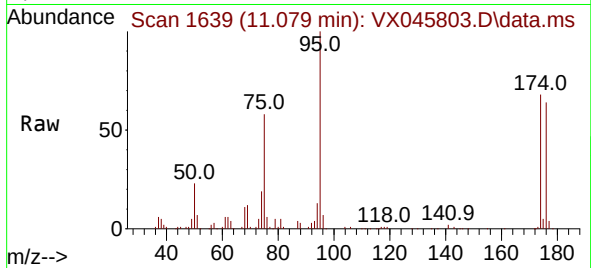
Tgt Ion: 98 Resp: 163300
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 53.886 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045803.D
Acq: 16 Apr 2025 13:25

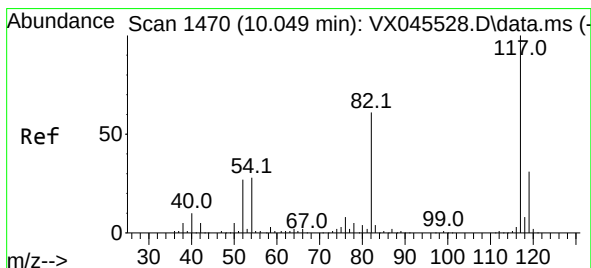
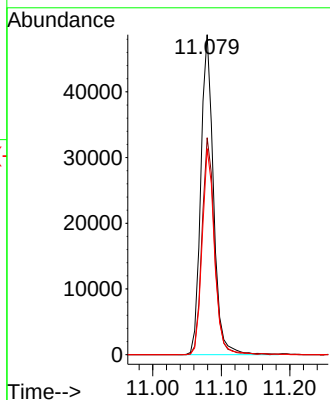
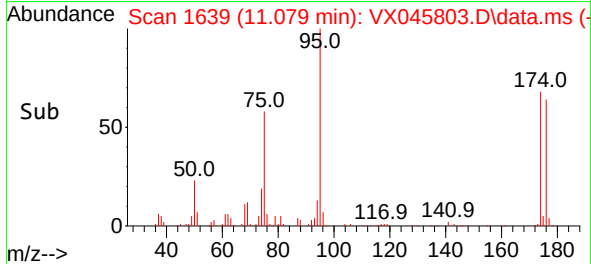
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PB167604ZHE#61



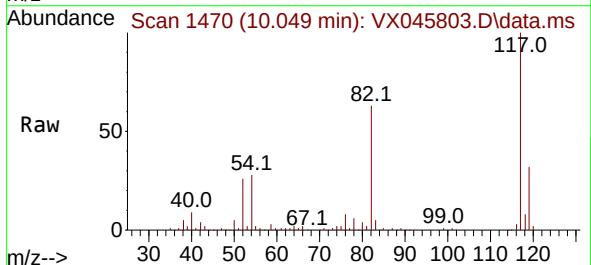
Tgt Ion: 95 Resp: 62702
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 62.9 0.0 131.4

Manual Integrations
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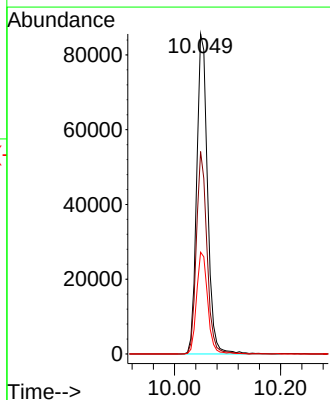
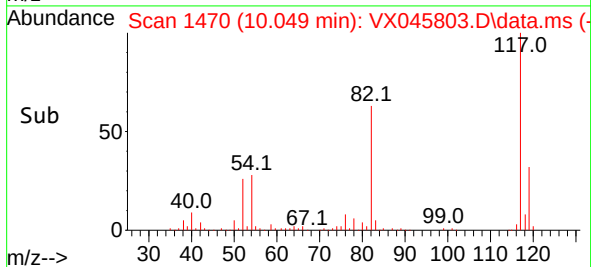
Reviewed By :John Carlone 04/17/2025
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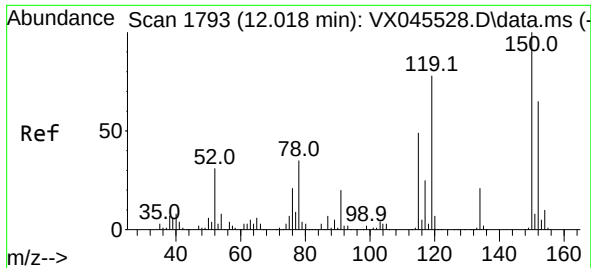


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045803.D
Acq: 16 Apr 2025 13:25



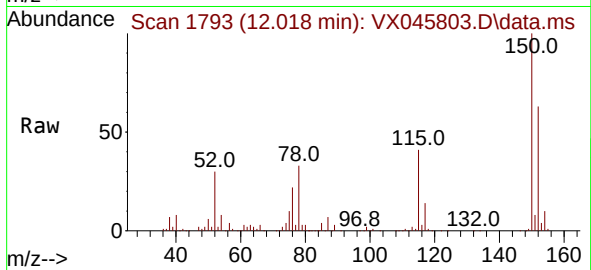
Tgt Ion:117 Resp: 122046
Ion Ratio Lower Upper
117 100
82 63.2 49.2 73.8
119 31.8 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045803.D
 Acq: 16 Apr 2025 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167604ZHE#61



Tgt Ion:152 Resp: 5158
 Ion Ratio Lower Upper
 152 100
 115 66.6 46.9 140.7
 150 160.6 0.0 349.4

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