

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046476.D
 Acq On : 03 Jun 2025 16:30
 Operator : JC/MD
 Sample : Q2173-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-400-CF-402B-COMP-24

Quant Time: Jun 04 01:30:01 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/04/2025
 Supervised By : Mahesh Dadoda 06/04/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	66653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133807	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64836	52.177	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.360%			
35) Dibromofluoromethane	5.385	113	47789	49.597	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.200%			
50) Toluene-d8	8.647	98	167330	50.174	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.340%			
62) 4-Bromofluorobenzene	11.079	95	66530	52.007	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.020%			
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	23067	46.297	ug/l	98
18) Methyl Acetate	2.703	43	14996	12.970	ug/l	98
20) Methylene Chloride	2.788	84	3406	3.567	ug/l	85
37) Ethyl Acetate	4.727	43	8218m	5.138	ug/l	
43) Isopropyl Acetate	6.342	43	6480	2.656	ug/l	94

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

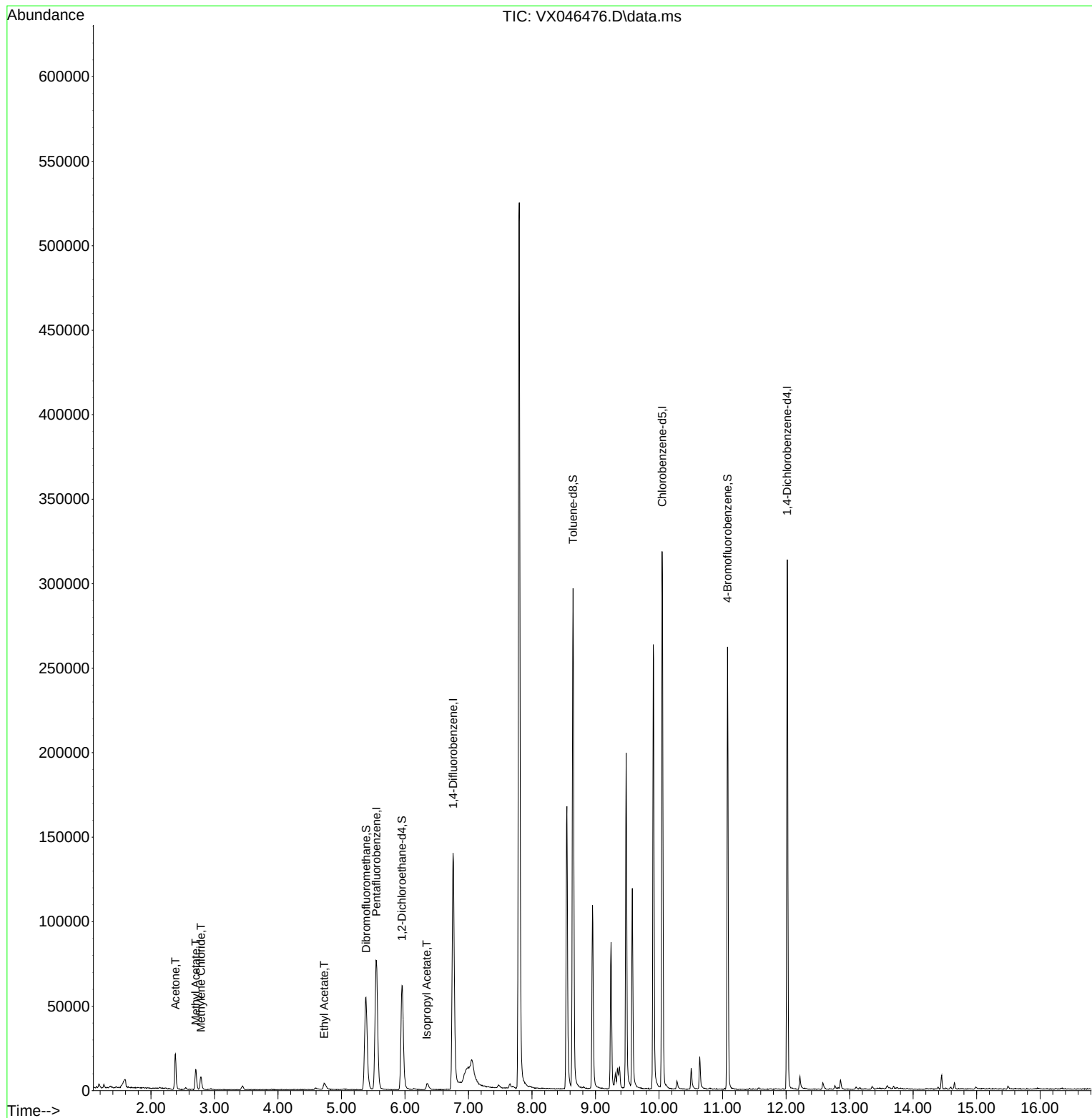
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
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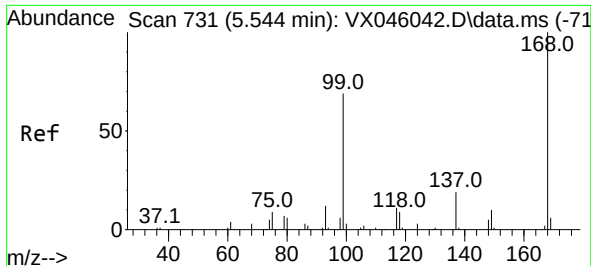
Instrument :
MSVOA_X
ClientSampleId :
OR-400-CF-402B-COMP-24

Quant Time: Jun 04 01:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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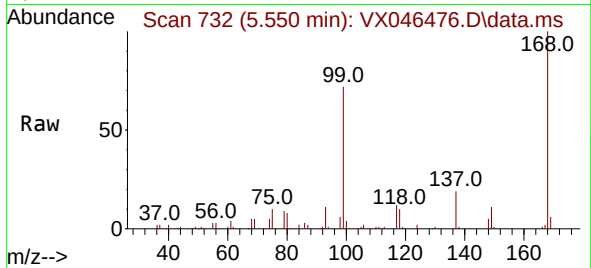
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046476.D
Acq: 03 Jun 2025 16:30

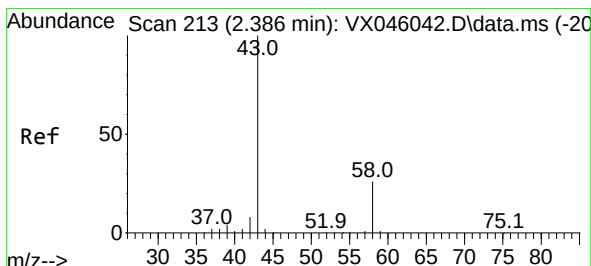
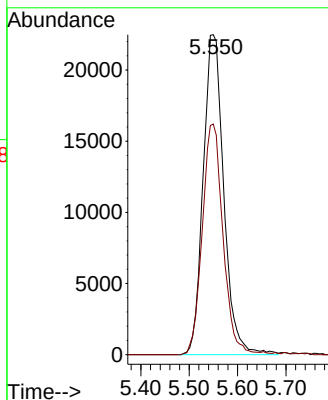
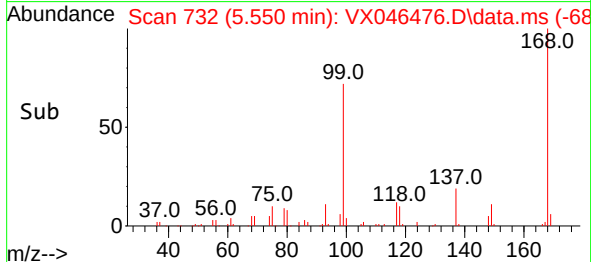
Instrument :
MSVOA_X
ClientSampleId :
OR-400-CF-402B-COMP-24



Tgt Ion:168 Resp: 6665
Ion Ratio Lower Upper
168 100
99 72.1 54.9 82.3

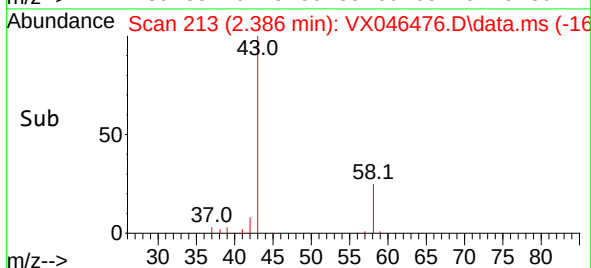
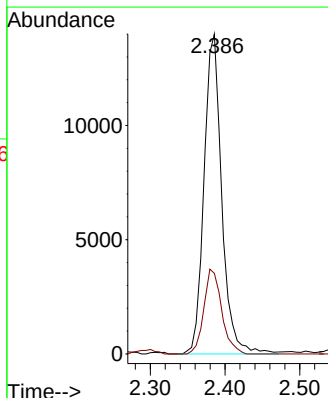
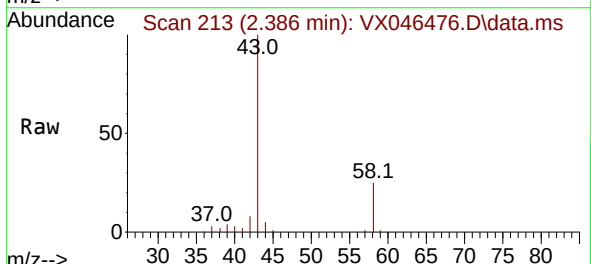
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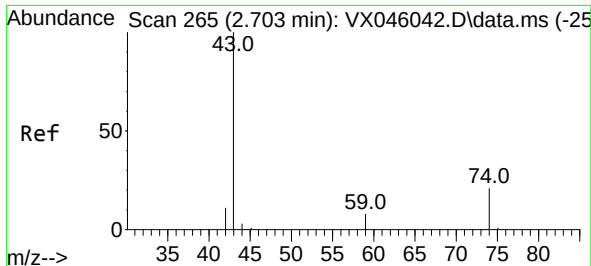
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#16
Acetone
Concen: 46.297 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046476.D
Acq: 03 Jun 2025 16:30

Tgt Ion: 43 Resp: 23067
Ion Ratio Lower Upper
43 100
58 25.2 21.2 31.8





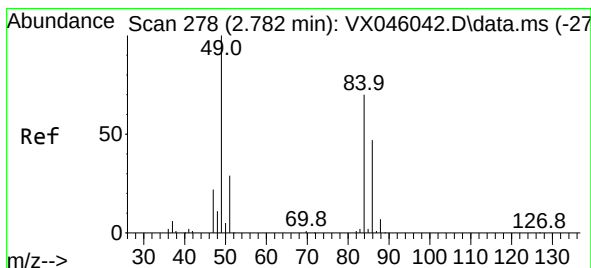
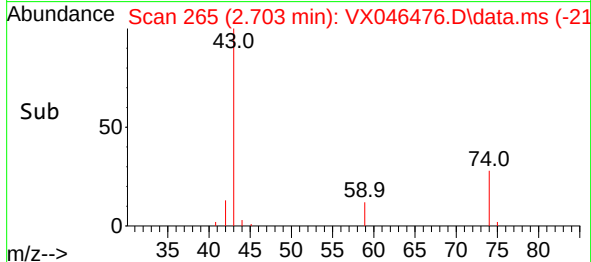
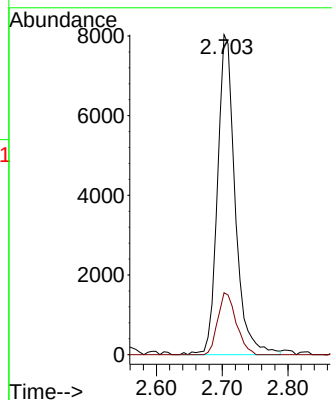
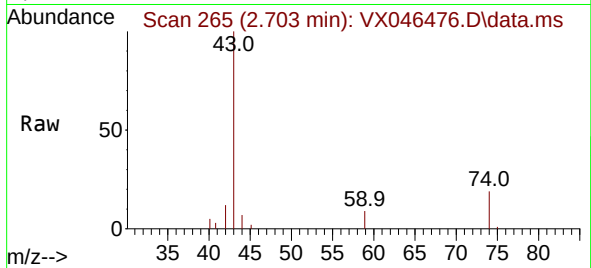
#18
Methyl Acetate
Concen: 12.970 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046476.D
Acq: 03 Jun 2025 16:30

Instrument :
MSVOA_X
ClientSampleId :
OR-400-CF-402B-COMP-24

Tgt Ion: 43 Resp: 14990
Ion Ratio Lower Upper
43 100
74 20.2 16.7 25.1

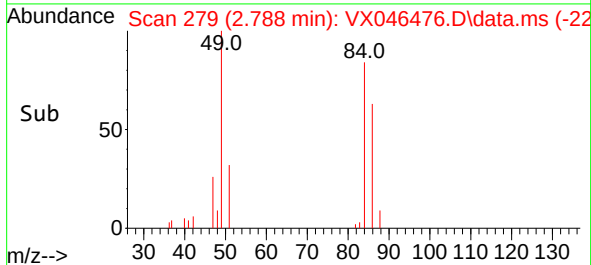
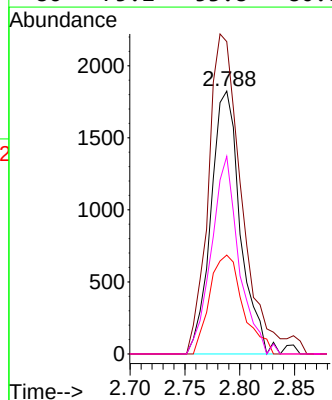
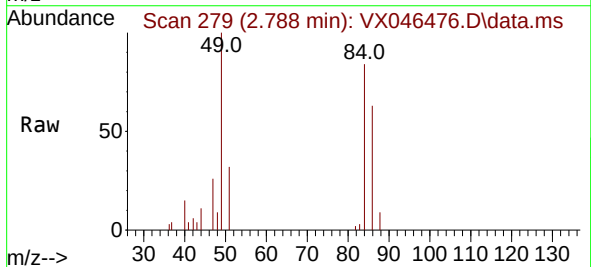
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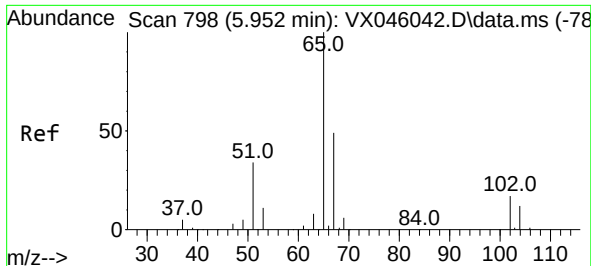
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#20
Methylene Chloride
Concen: 3.567 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046476.D
Acq: 03 Jun 2025 16:30

Tgt Ion: 84 Resp: 3406
Ion Ratio Lower Upper
84 100
49 118.9 113.9 170.9
51 37.6 33.5 50.3
86 75.2 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 52.177 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046476.D

Acq: 03 Jun 2025 16:30

Instrument :

MSVOA_X

ClientSampleId :

OR-400-CF-402B-COMP-24

Tgt Ion: 65 Resp: 64830

Ion Ratio Lower Upper

65 100

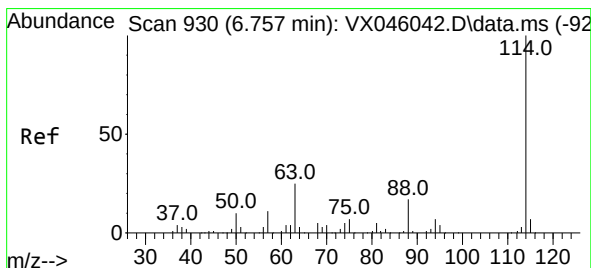
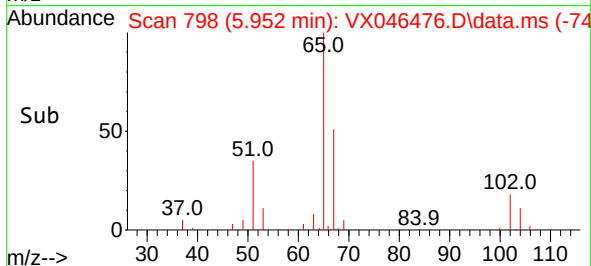
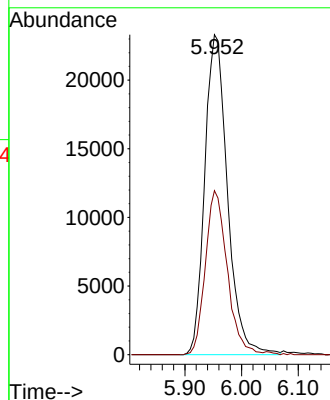
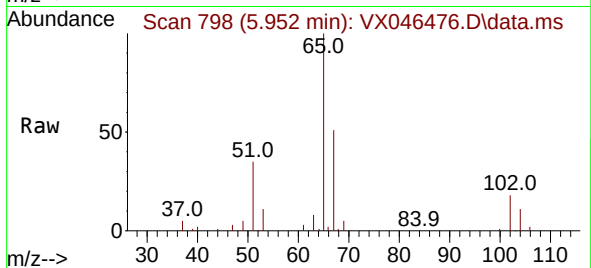
67 49.3 0.0 99.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046476.D

Acq: 03 Jun 2025 16:30

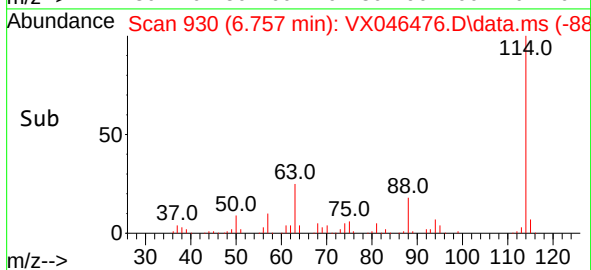
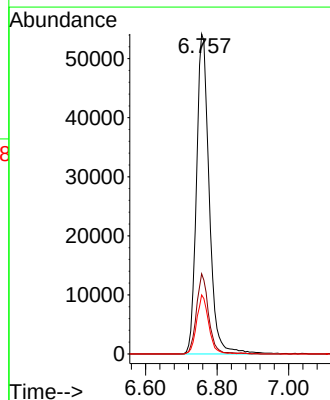
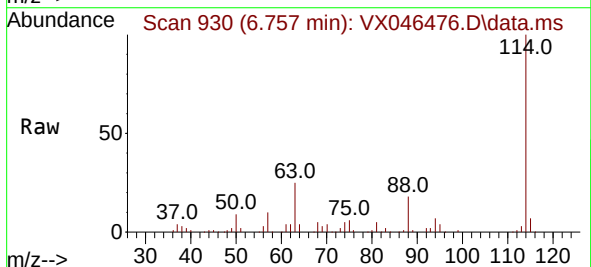
Tgt Ion:114 Resp: 133807

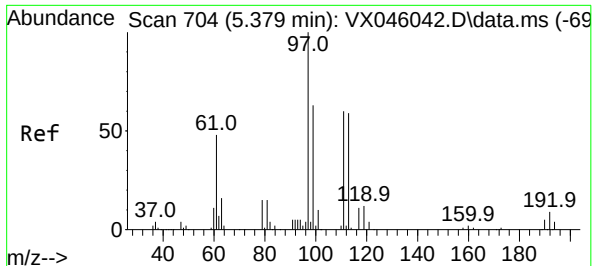
Ion Ratio Lower Upper

114 100

63 25.0 0.0 49.2

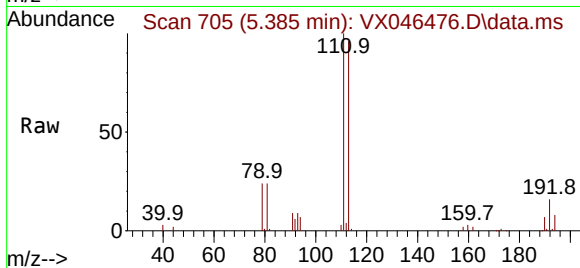
88 18.4 0.0 33.6





#35
Dibromofluoromethane
Concen: 49.597 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046476.D
Acq: 03 Jun 2025 16:30

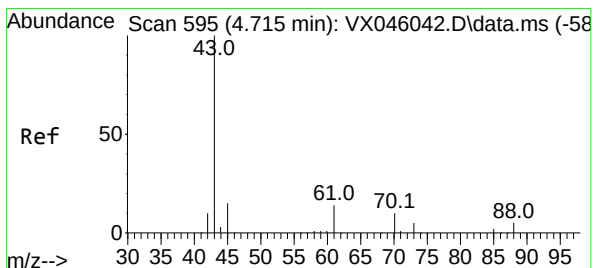
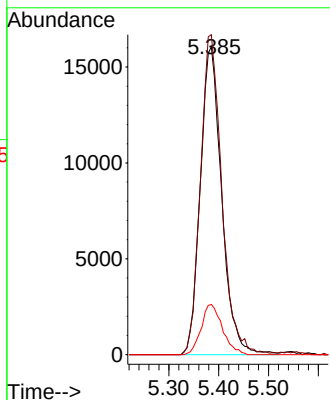
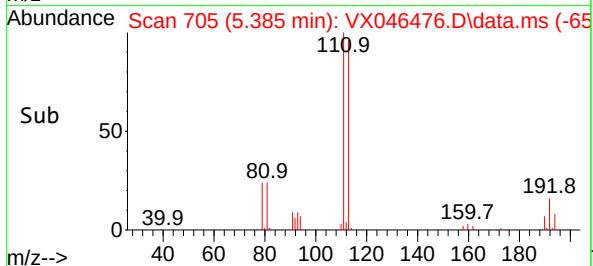
Instrument :
MSVOA_X
ClientSampleId :
OR-400-CF-402B-COMP-24



Tgt Ion:113 Resp: 47789
Ion Ratio Lower Upper
113 100
111 103.8 83.1 124.7
192 16.3 13.3 19.9

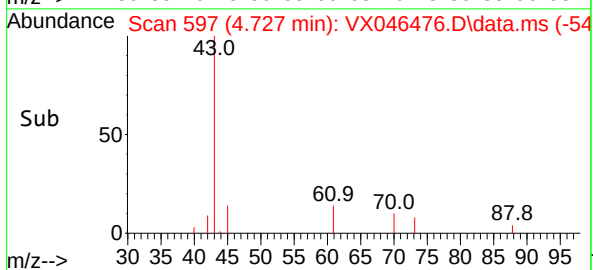
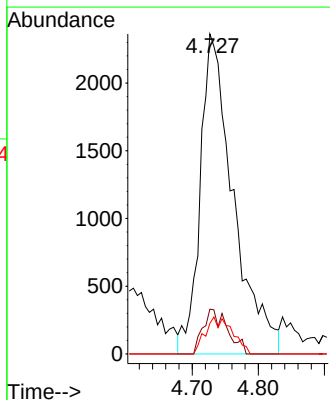
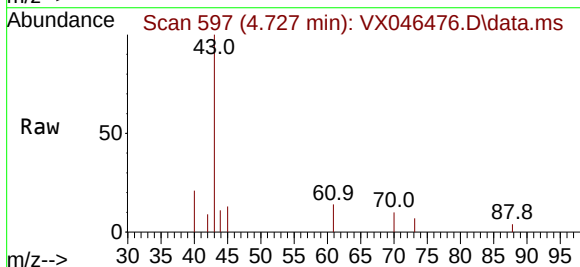
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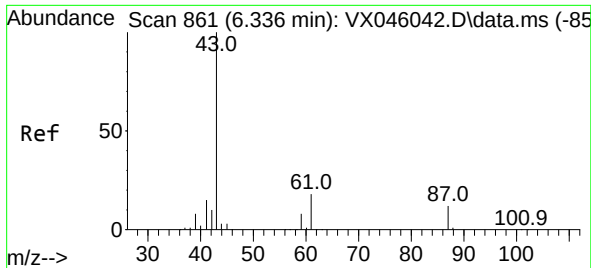
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#37
Ethyl Acetate
Concen: 5.138 ug/l m
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX046476.D
Acq: 03 Jun 2025 16:30

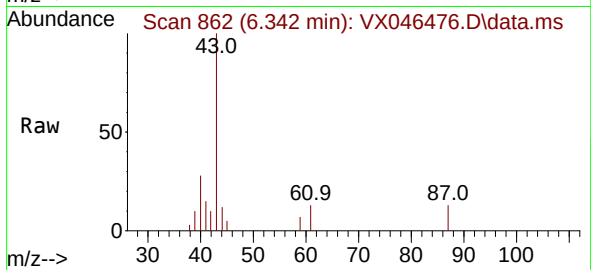
Tgt Ion: 43 Resp: 8218
Ion Ratio Lower Upper
43 100
61 10.2 10.3 15.5#
70 9.3 7.9 11.9





#43
Isopropyl Acetate
Concen: 2.656 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046476.D
Acq: 03 Jun 2025 16:30

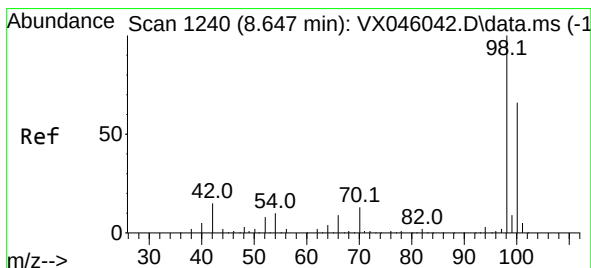
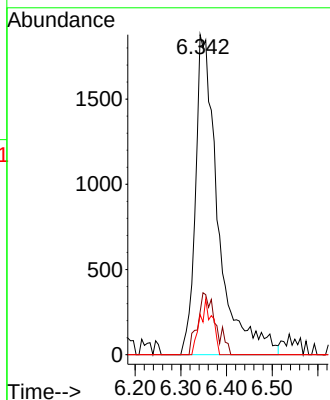
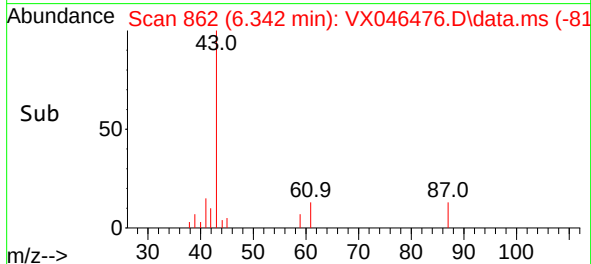
Instrument :
MSVOA_X
ClientSampleId :
OR-400-CF-402B-COMP-24



Tgt Ion: 43 Resp: 6480
Ion Ratio Lower Upper
43 100
61 15.3 14.3 21.5
87 9.6 9.5 14.3

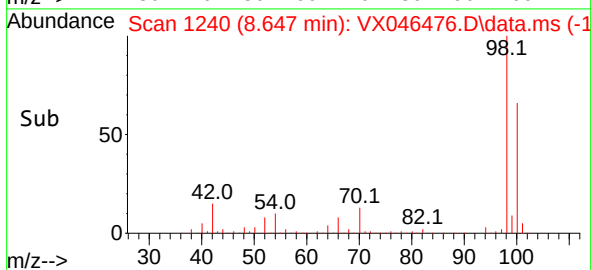
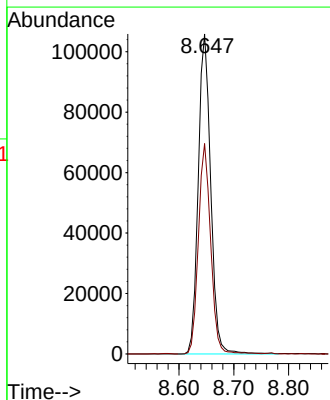
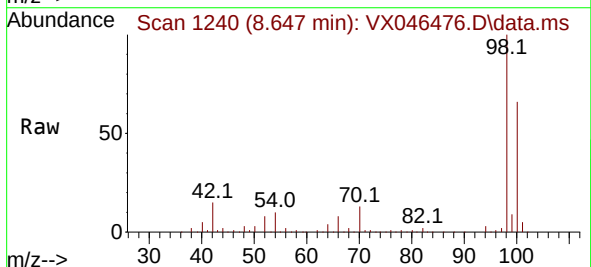
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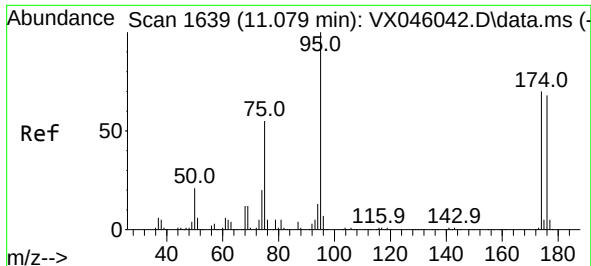
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#50
Toluene-d8
Concen: 50.174 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046476.D
Acq: 03 Jun 2025 16:30

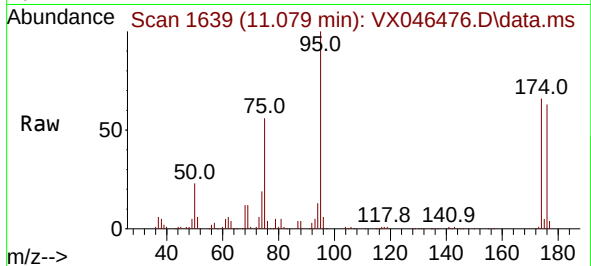
Tgt Ion: 98 Resp: 167330
Ion Ratio Lower Upper
98 100
100 64.7 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 52.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046476.D
Acq: 03 Jun 2025 16:30

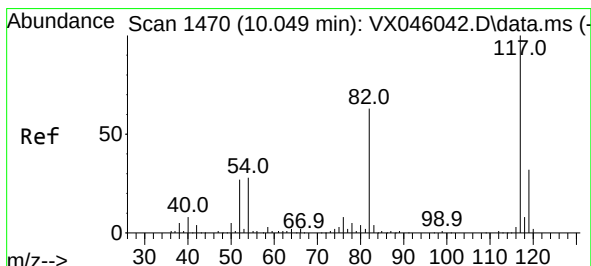
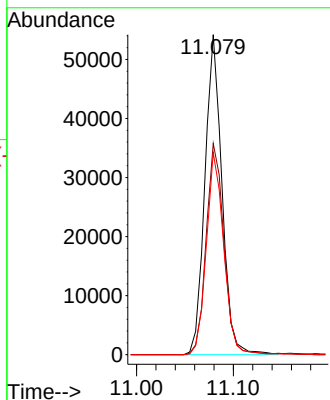
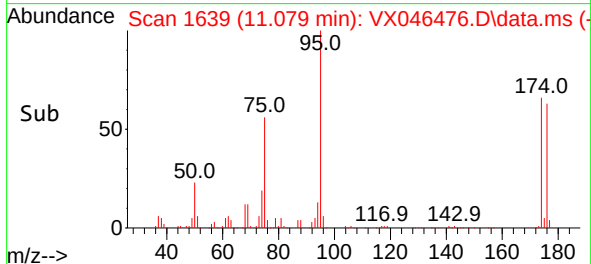
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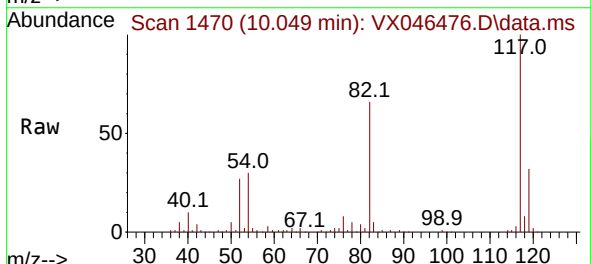
Tgt Ion: 95 Resp: 66530
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 64.6 0.0 131.4

Manual Integrations
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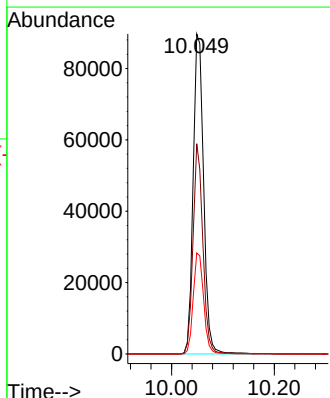
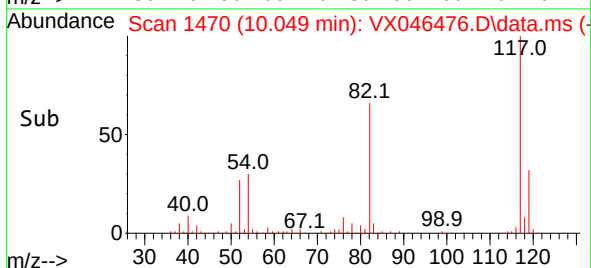
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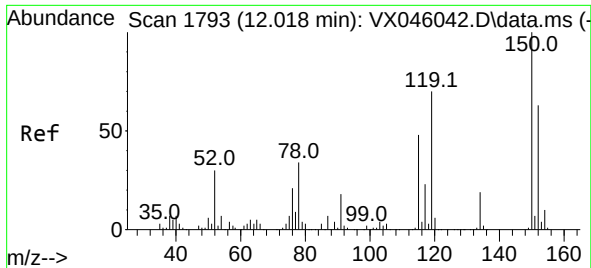


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046476.D
Acq: 03 Jun 2025 16:30



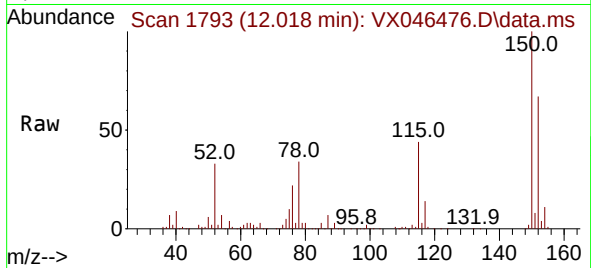
Tgt Ion:117 Resp: 127035
Ion Ratio Lower Upper
117 100
82 65.7 50.6 76.0
119 31.6 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046476.D
 Acq: 03 Jun 2025 16:30

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-400-CF-402B-COMP-24



Tgt Ion:152 Resp: 56690
 Ion Ratio Lower Upper
 152 100
 115 66.8 46.9 140.7
 150 156.3 0.0 351.0

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