

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032390.D
 Acq On : 20 Oct 2025 15:40
 Operator : SY/MD
 Sample : Q3376-03
 Misc : 4.57g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-COMP2-20251016

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 21 01:29:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	223521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	492025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	496249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	236278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	196444	60.255	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 120.520%			
35) Dibromofluoromethane	7.898	113	171258	53.746	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 107.500%			
50) Toluene-d8	10.325	98	652153	55.454	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 110.900%			
62) 4-Bromofluorobenzene	12.617	95	287576	64.696	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 129.400%			
Target Compounds					Qvalue	
16) Acetone	4.161	43	105799	117.200	ug/l	95
17) Carbon Disulfide	4.423	76	33041	4.807	ug/l	97
25) 2-Butanone	7.197	43	43643	35.498	ug/l	94
39) Methylcyclohexane	9.343	83	71160m	13.119	ug/l	
40) Benzene	8.337	78	16763	1.189	ug/l	97
84) 1,2,4-Trimethylbenzene	13.251	105	28657	2.016	ug/l	99

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

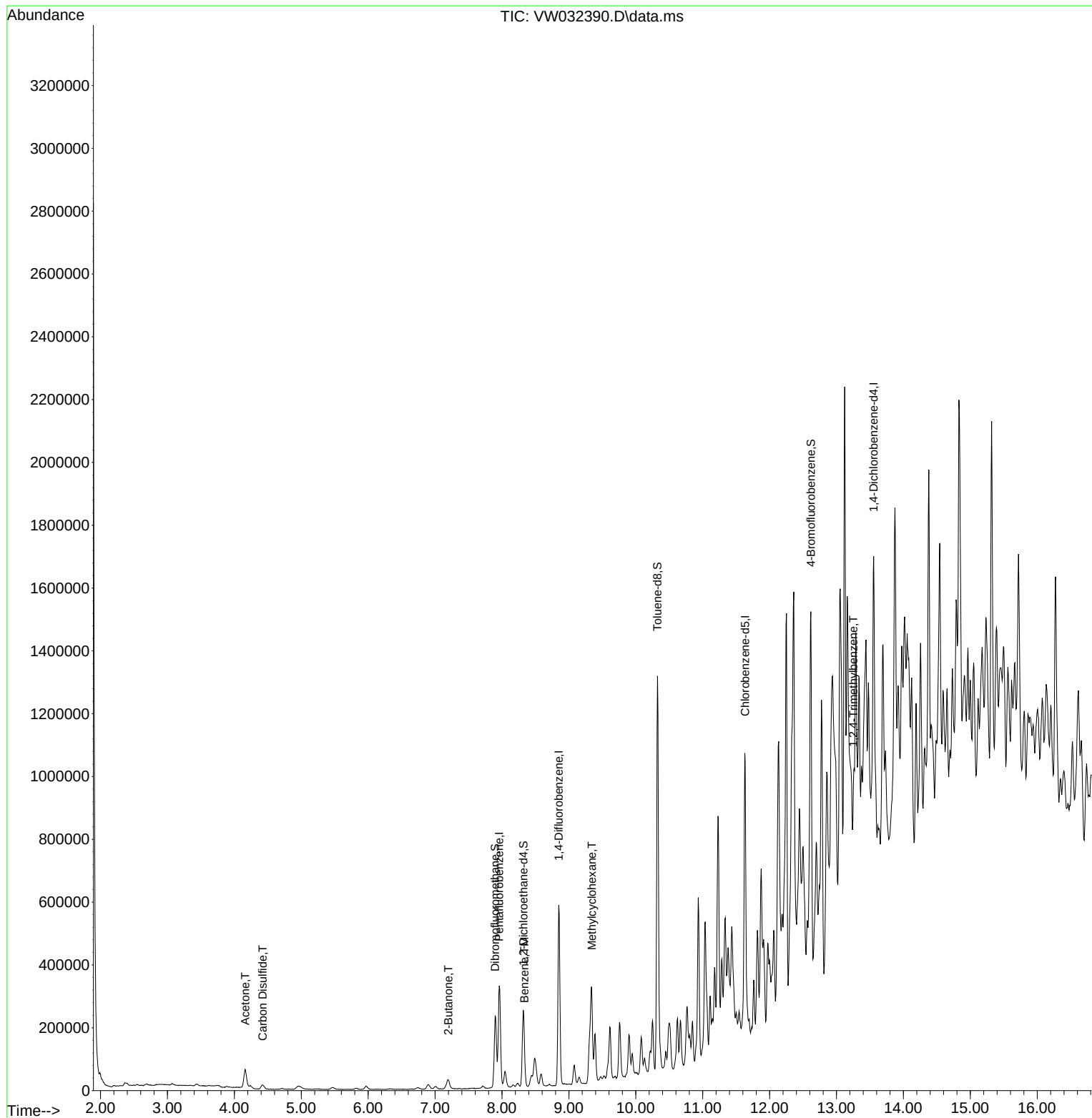
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032390.D
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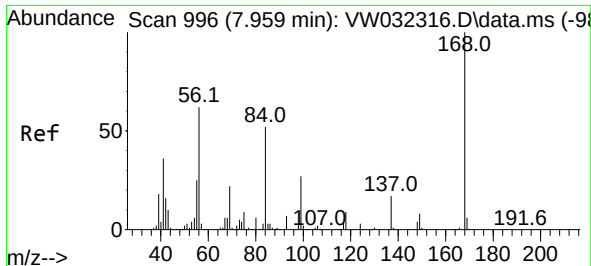
Instrument :
MSVOA_W
ClientSampleId :
PR132-COMP2-20251016

Quant Time: Oct 21 01:29:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

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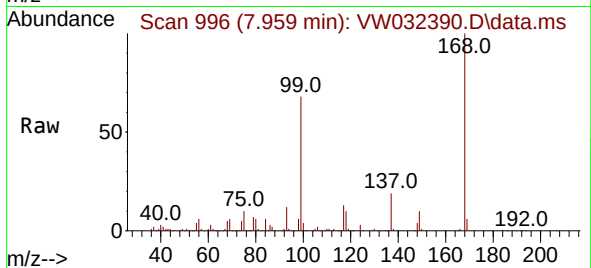
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032390.D
Acq: 20 Oct 2025 15:40

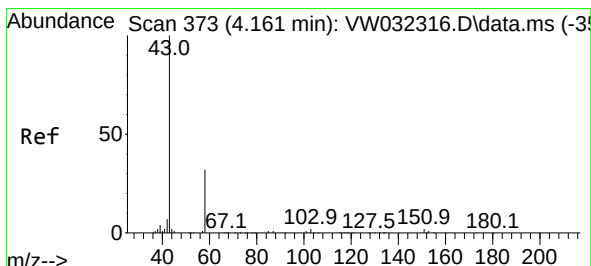
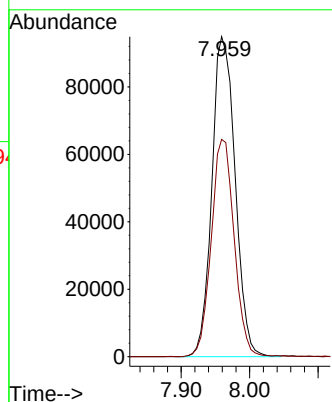
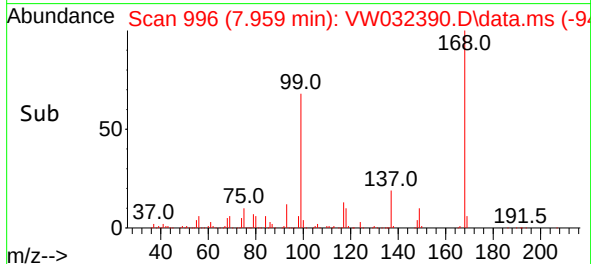
Instrument :
MSVOA_W
ClientSampleId :
PR132-COMP2-20251016



Tgt Ion:168 Resp: 22352
Ion Ratio Lower Upper
168 100
99 67.9 49.3 73.9

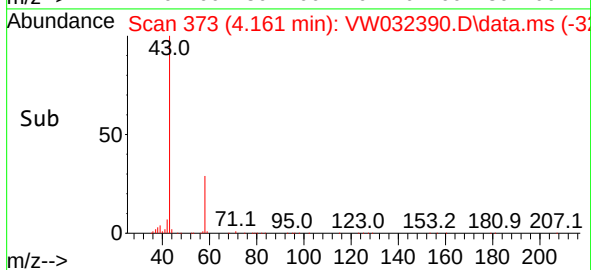
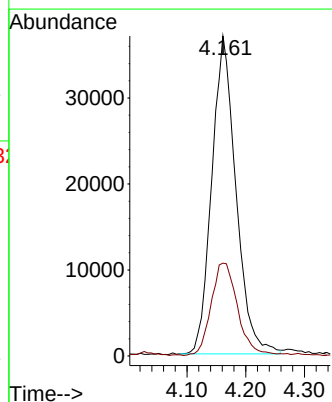
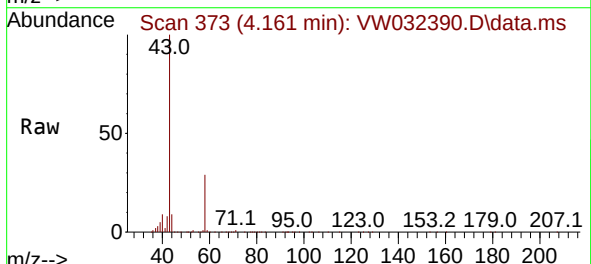
Manual Integrations
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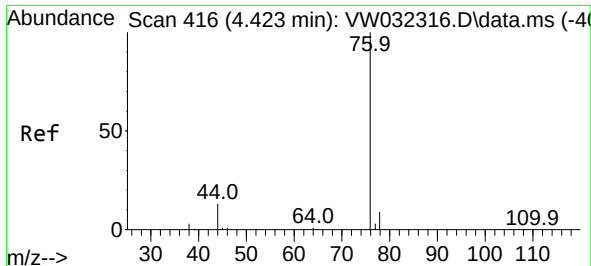
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#16
Acetone
Concen: 117.200 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032390.D
Acq: 20 Oct 2025 15:40

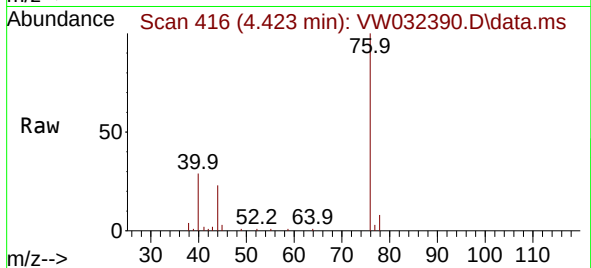
Tgt Ion: 43 Resp: 105799
Ion Ratio Lower Upper
43 100
58 28.8 25.3 37.9





#17
Carbon Disulfide
Concen: 4.807 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032390.D
Acq: 20 Oct 2025 15:40

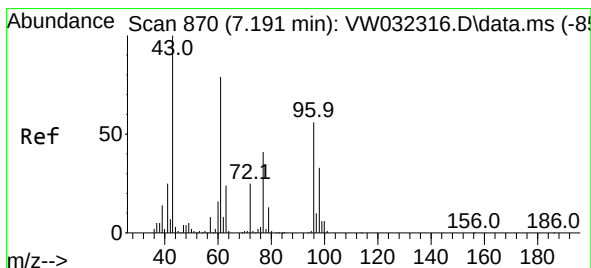
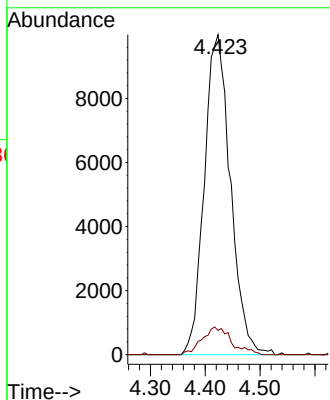
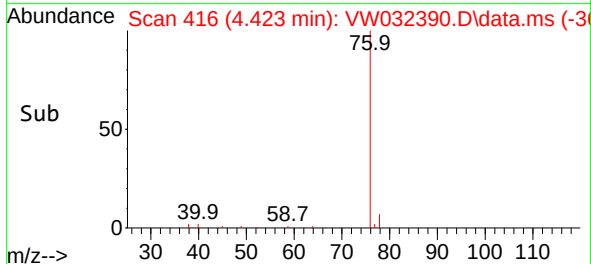
Instrument : MSVOA_W
ClientSampleId : PR132-COMP2-20251016



Tgt Ion: 76 Resp: 3304
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.6

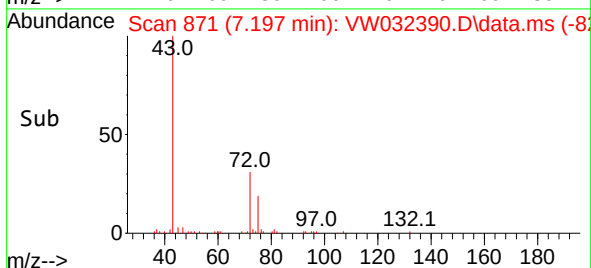
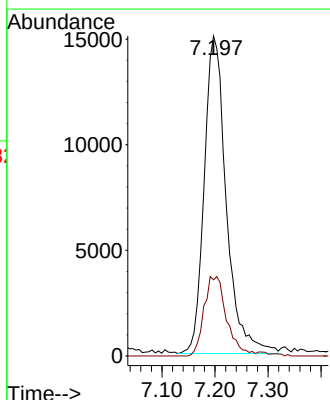
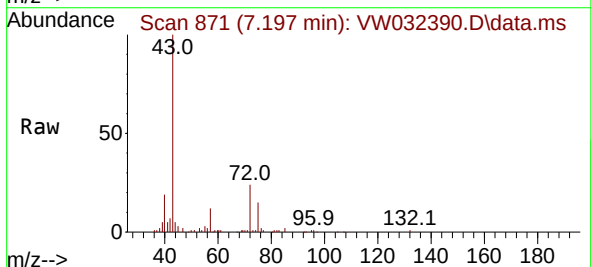
Manual Integrations
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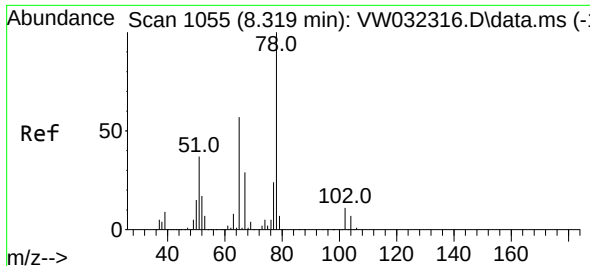
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#25
2-Butanone
Concen: 35.498 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032390.D
Acq: 20 Oct 2025 15:40

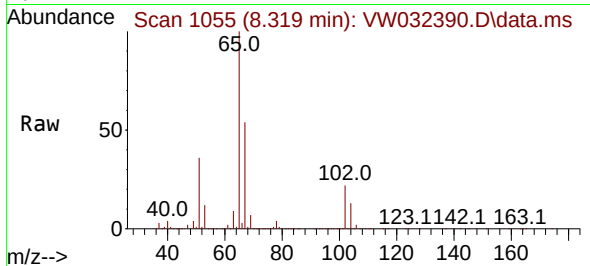
Tgt Ion: 43 Resp: 43643
Ion Ratio Lower Upper
43 100
72 24.0 21.4 32.2





#33
1,2-Dichloroethane-d4
Concen: 60.255 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032390.D
Acq: 20 Oct 2025 15:40

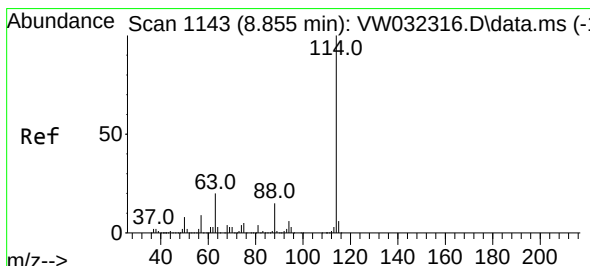
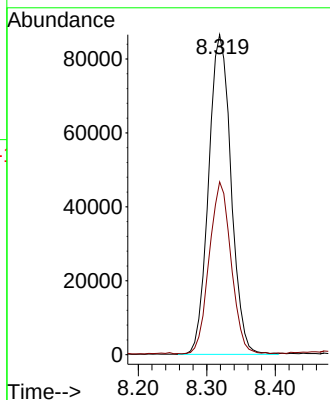
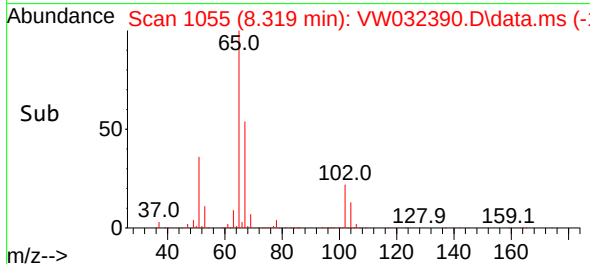
Instrument : MSVOA_W
ClientSampleId : PR132-COMP2-20251016



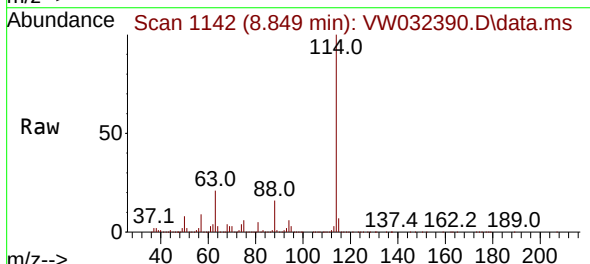
Tgt Ion: 65 Resp: 196444
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.6

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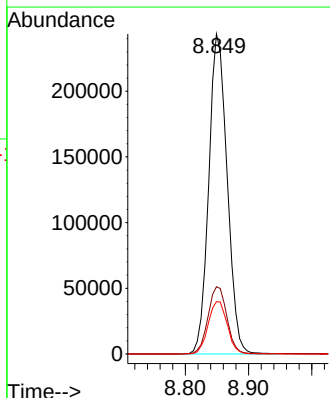
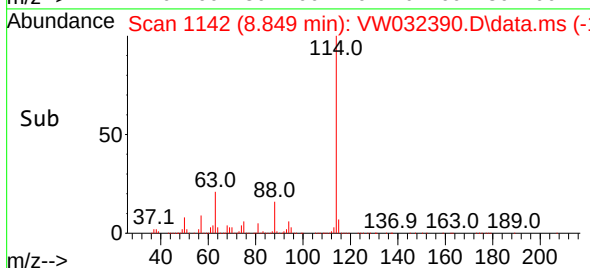
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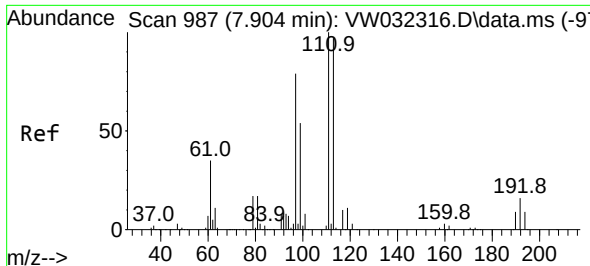


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032390.D
Acq: 20 Oct 2025 15:40



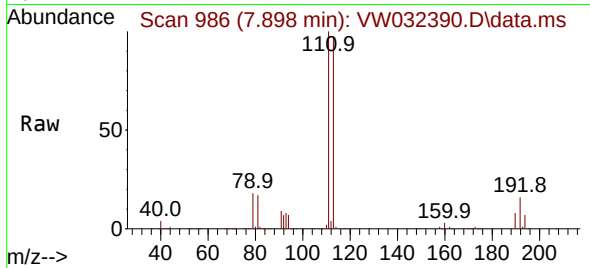
Tgt Ion:114 Resp: 492025
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.4
88 16.4 0.0 32.0





#35
Dibromofluoromethane
Concen: 53.746 ug/l
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: VW032390.D
Acq: 20 Oct 2025 15:40

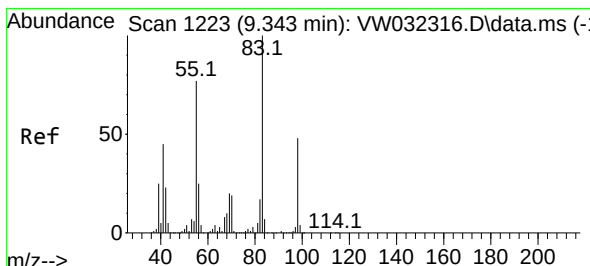
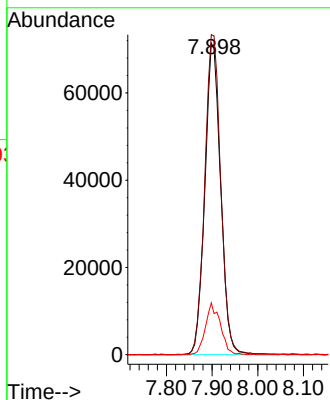
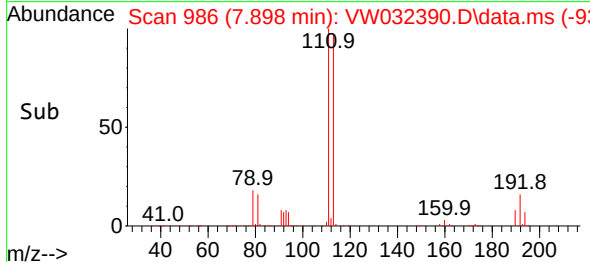
Instrument :
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ClientSampleId :
PR132-COMP2-20251016



Tgt Ion: 113 Resp: 171258
Ion Ratio Lower Upper
113 100
111 104.3 83.9 125.9
192 15.8 14.6 21.8

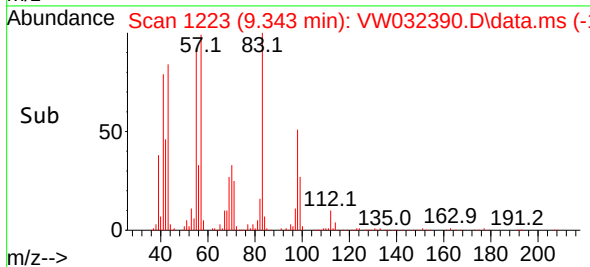
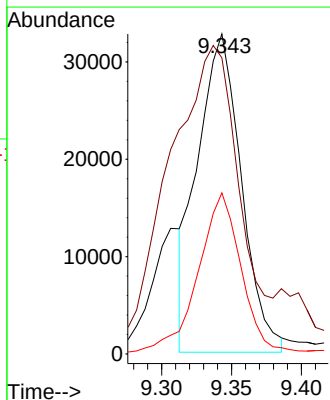
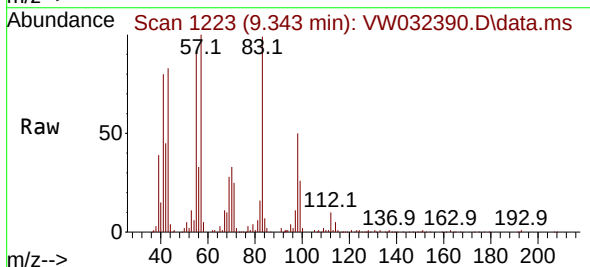
Manual Integrations
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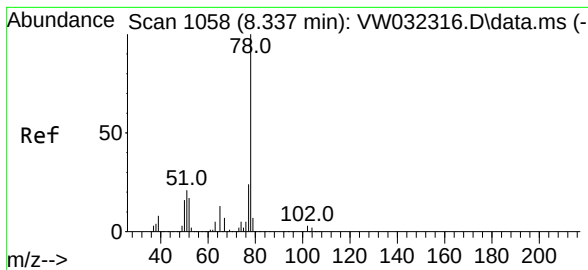
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#39
Methylcyclohexane
Concen: 13.119 ug/l m
RT: 9.343 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VW032390.D
Acq: 20 Oct 2025 15:40

Tgt Ion: 83 Resp: 71160
Ion Ratio Lower Upper
83 100
55 92.6 58.4 87.6#
98 50.3 39.4 59.2





#40

Benzene

Concen: 1.189 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032390.D

Acq: 20 Oct 2025 15:40

Instrument :

MSVOA_W

ClientSampleId :

PR132-COMP2-20251016

Tgt Ion: 78 Resp: 1676

Ion Ratio Lower Upper

78 100

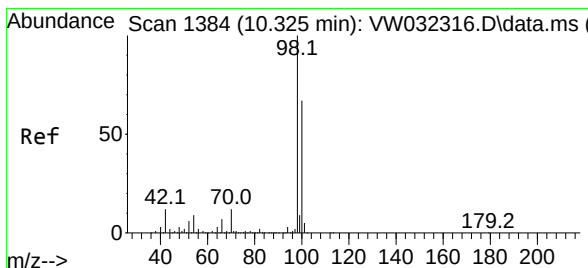
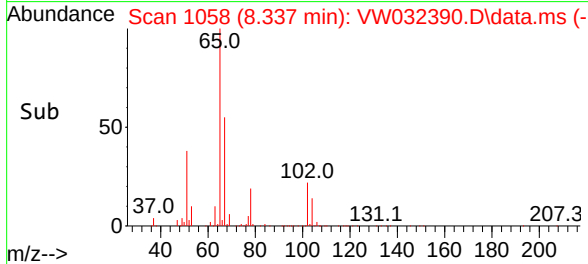
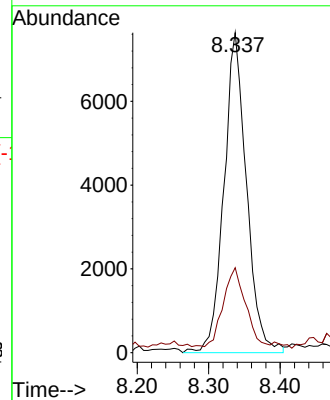
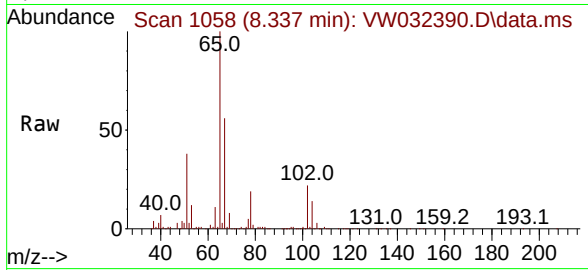
77 24.3 20.7 31.1

Manual Integrations

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#50

Toluene-d8

Concen: 55.454 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032390.D

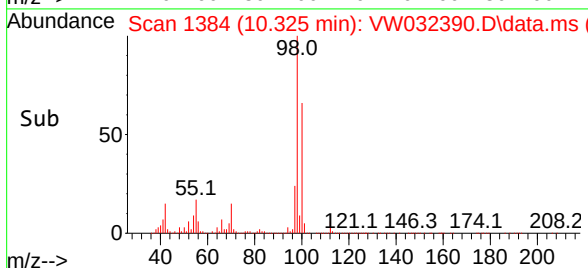
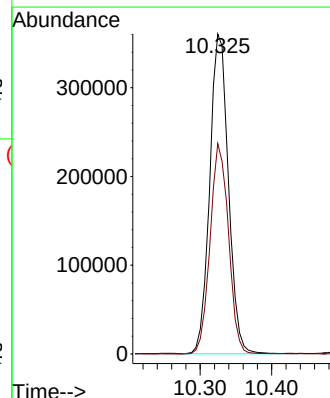
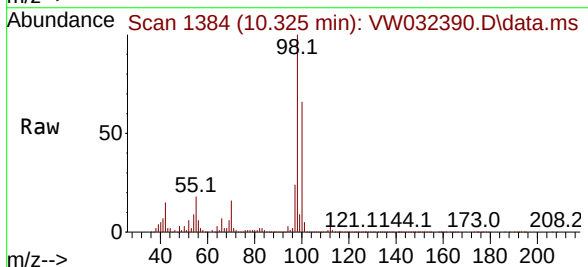
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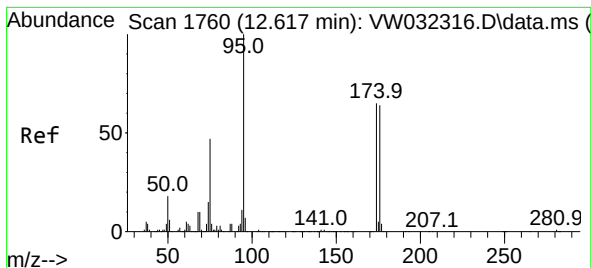
Tgt Ion: 98 Resp: 652153

Ion Ratio Lower Upper

98 100

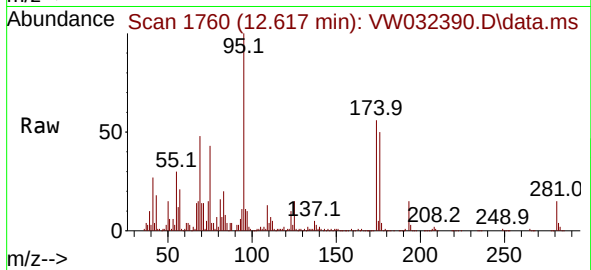
100 65.0 51.4 77.2





#62
4-Bromofluorobenzene
Concen: 64.696 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032390.D
Acq: 20 Oct 2025 15:40

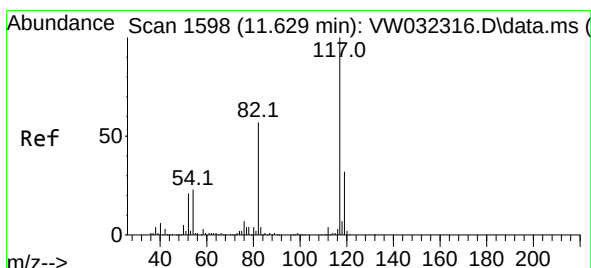
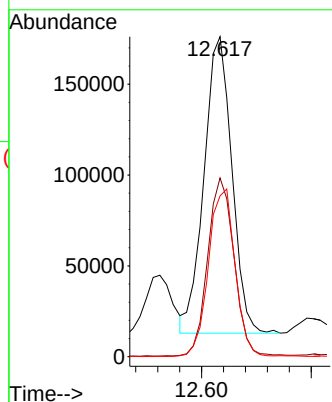
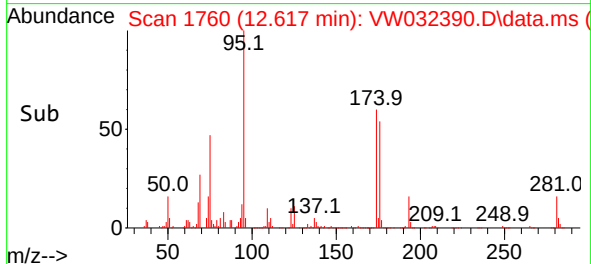
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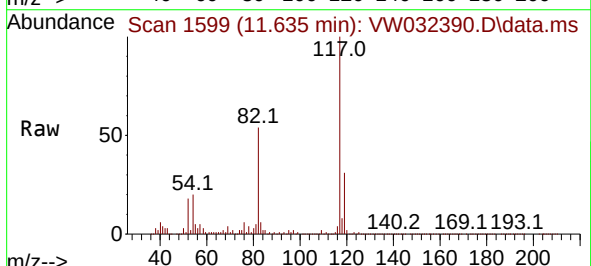
Tgt Ion: 95 Resp: 287570
Ion Ratio Lower Upper
95 100
174 56.8 0.0 145.6
176 54.2 0.0 140.8

Manual Integrations
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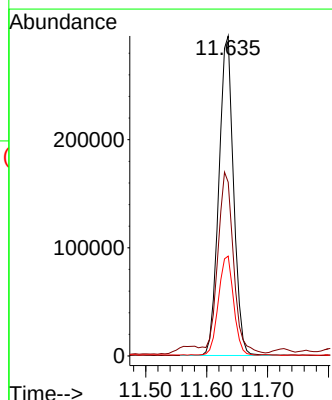
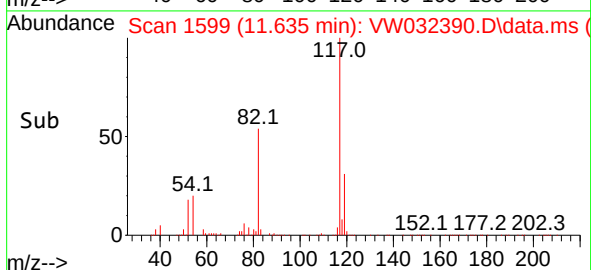
Reviewed By :Amit Patel 10/21/2025
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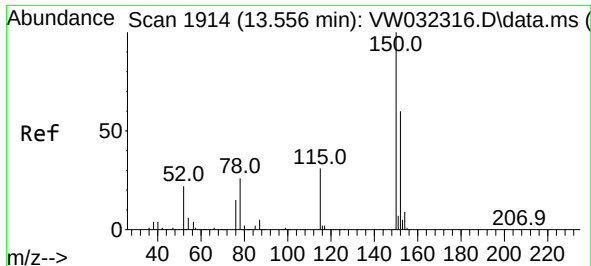


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032390.D
Acq: 20 Oct 2025 15:40



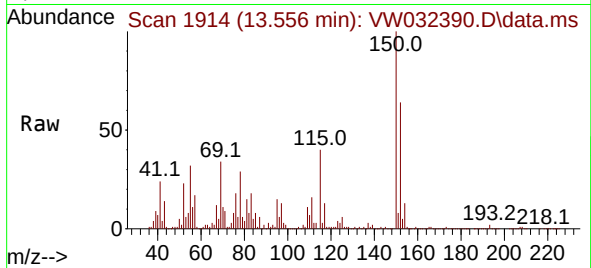
Tgt Ion:117 Resp: 496249
Ion Ratio Lower Upper
117 100
82 52.2 42.7 64.1
119 31.0 25.2 37.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032390.D
Acq: 20 Oct 2025 15:40

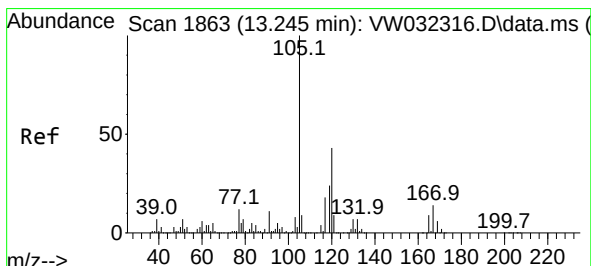
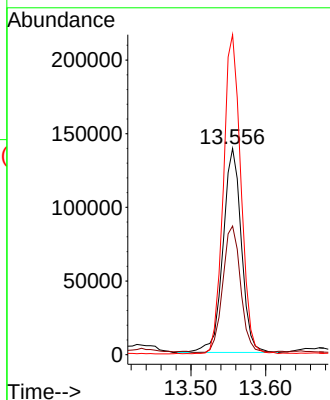
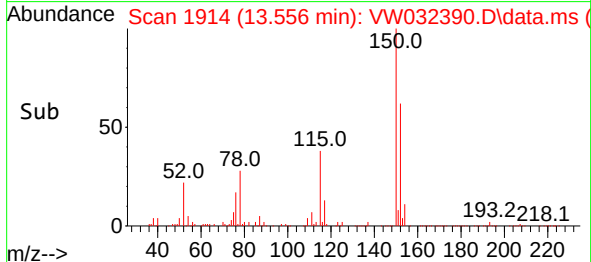
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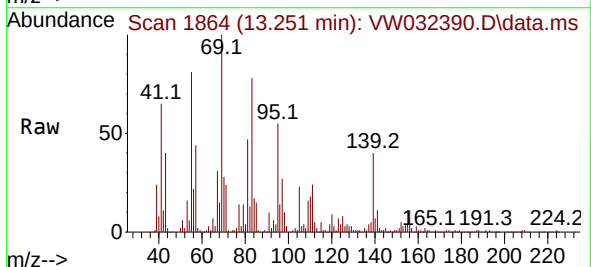
Tgt Ion:152 Resp: 236278
Ion Ratio Lower Upper
152 100
115 60.2 31.8 95.4
150 149.1 0.0 343.0

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Supervised By :Semsettin Yesilyurt 10/21/2025



#84
1,2,4-Trimethylbenzene
Concen: 2.016 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW032390.D
Acq: 20 Oct 2025 15:40



Tgt Ion:105 Resp: 28657
Ion Ratio Lower Upper
105 100
120 43.4 22.1 66.3

