

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032394.D
 Acq On : 20 Oct 2025 17:08
 Operator : SY/MD
 Sample : Q3393-02
 Misc : 4.91g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S10-022047-20251017

Quant Time: Oct 21 01:31:40 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	231347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	513228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	507325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	251321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	212952	63.109	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 126.220%			
35) Dibromofluoromethane	7.904	113	178401	53.675	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 107.360%			
50) Toluene-d8	10.325	98	668397	54.487	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 108.980%			
62) 4-Bromofluorobenzene	12.617	95	307913	66.410	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 132.820%			
Target Compounds					Qvalue	
16) Acetone	4.161	43	215274	230.404	ug/l	98
17) Carbon Disulfide	4.423	76	60180	8.459	ug/l	100
25) 2-Butanone	7.191	43	91330	71.771	ug/l	94
39) Methylcyclohexane	9.343	83	75959m	13.425	ug/l	

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

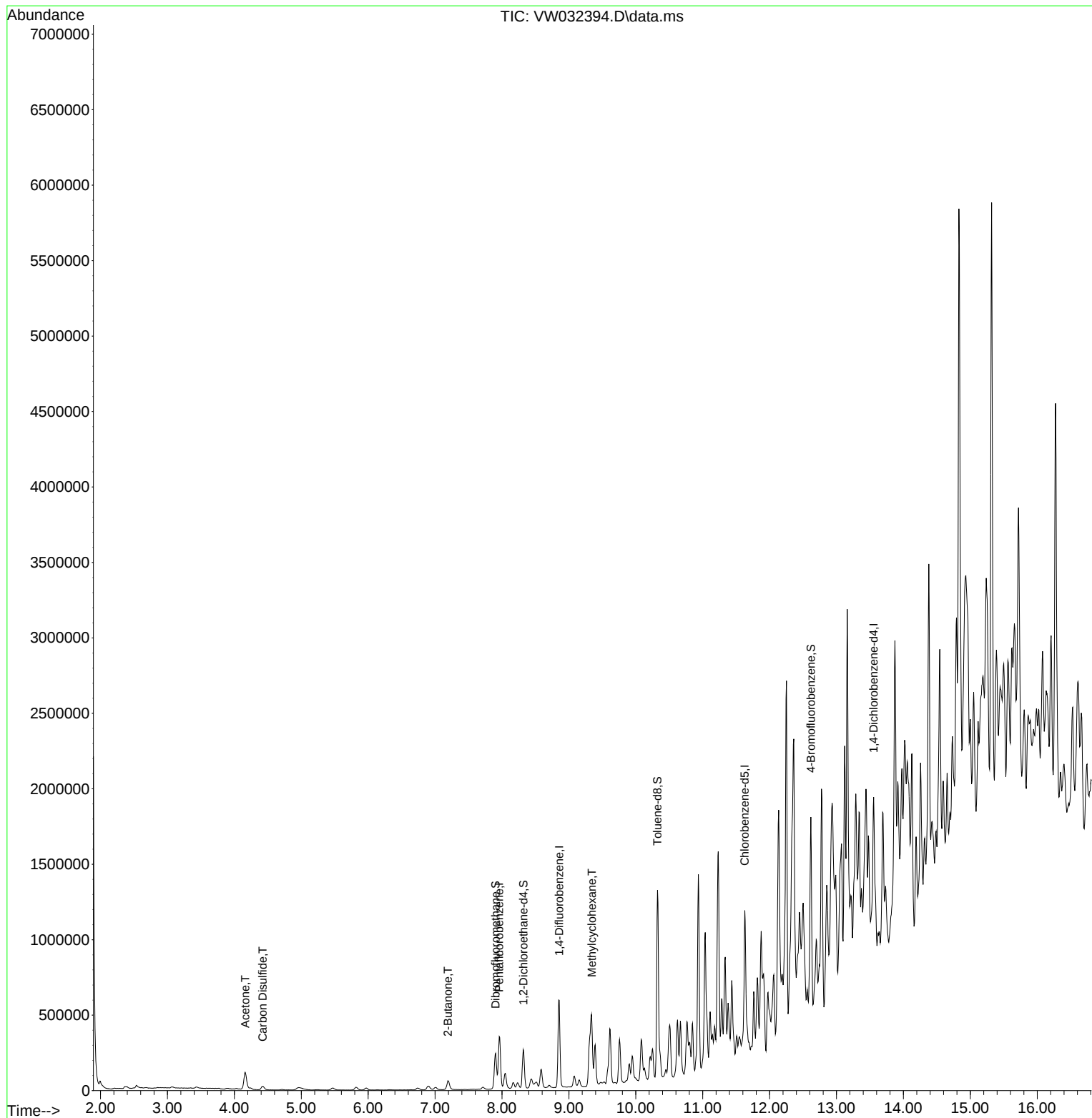
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032394.D
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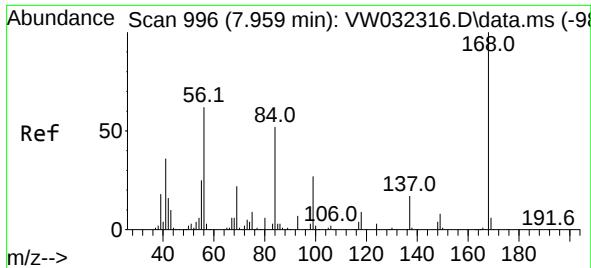
Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-022047-20251017

Quant Time: Oct 21 01:31:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
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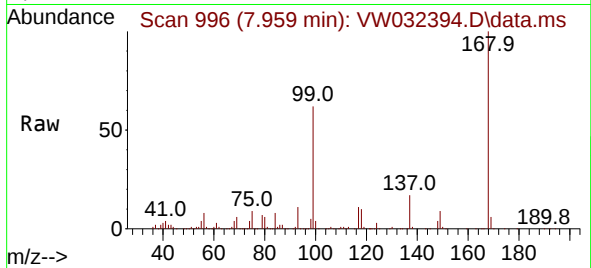
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032394.D
Acq: 20 Oct 2025 17:08

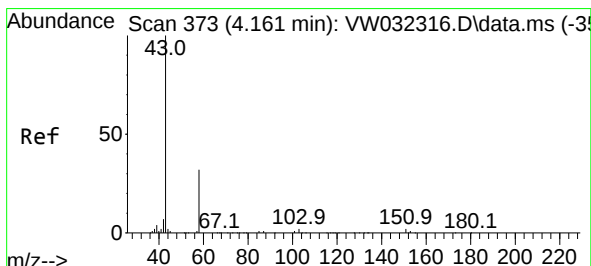
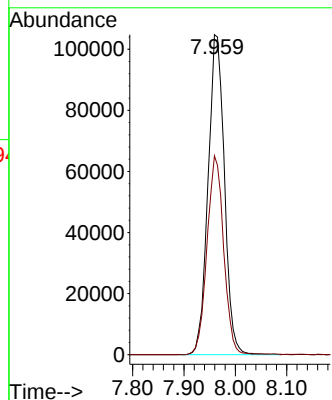
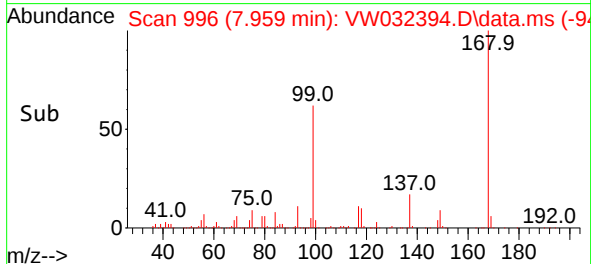
Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-022047-20251017



Tgt Ion:168 Resp: 23134
Ion Ratio Lower Upper
168 100
99 62.1 49.3 73.9

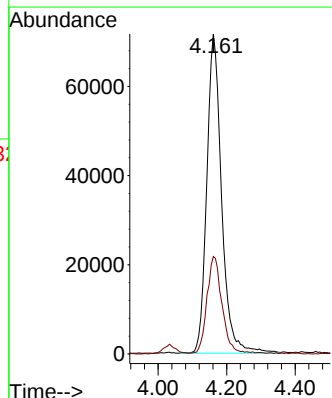
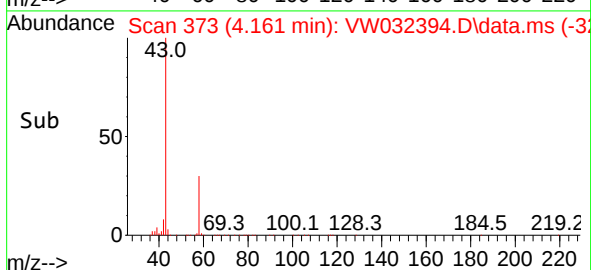
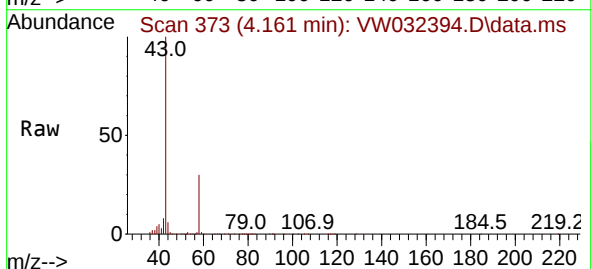
Manual Integrations
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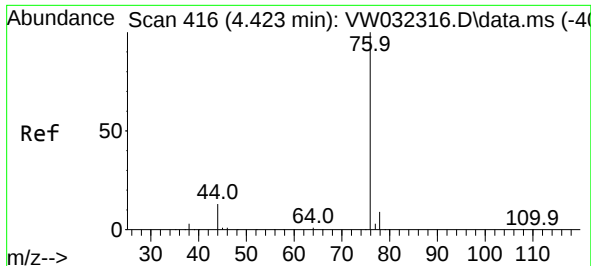
Reviewed By :Amit Patel 10/21/2025
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#16
Acetone
Concen: 230.404 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032394.D
Acq: 20 Oct 2025 17:08

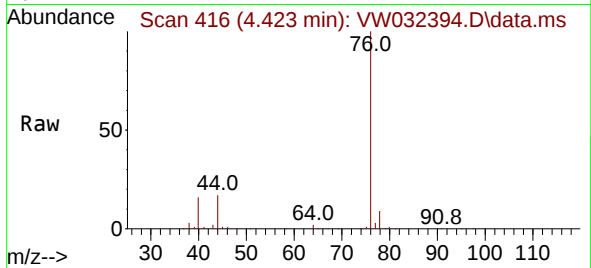
Tgt Ion: 43 Resp: 215274
Ion Ratio Lower Upper
43 100
58 30.3 25.3 37.9





#17
Carbon Disulfide
Concen: 8.459 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032394.D
Acq: 20 Oct 2025 17:08

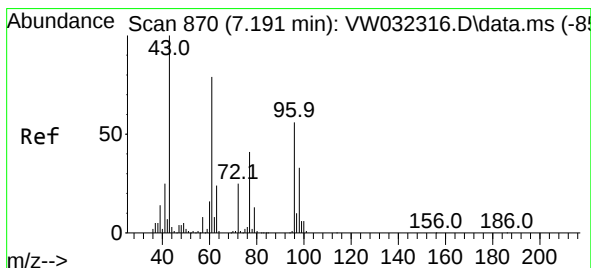
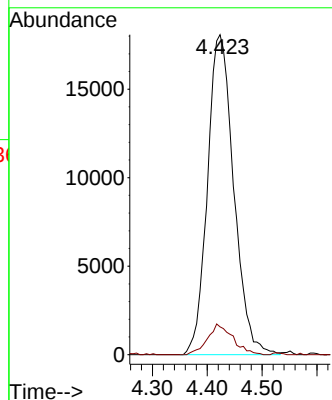
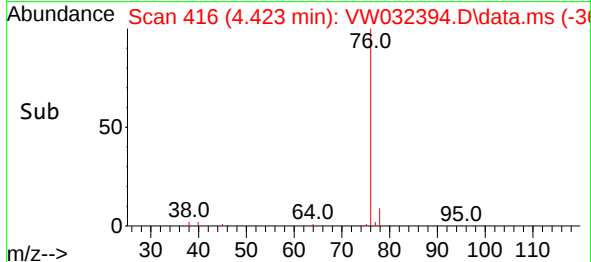
Instrument : MSVOA_W
ClientSampleId : PR132-S10-022047-20251017



Tgt Ion: 76 Resp: 60180
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

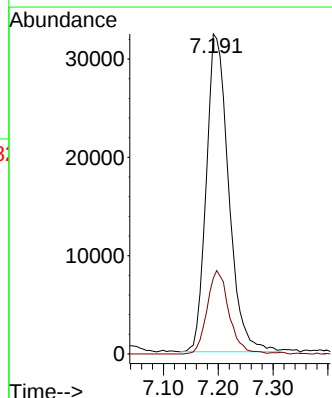
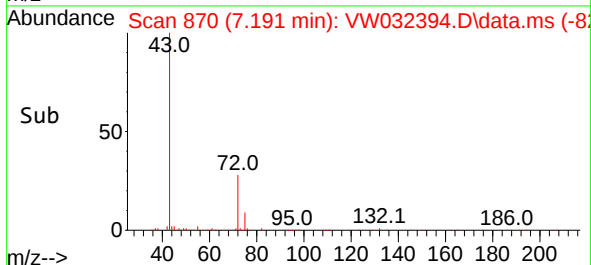
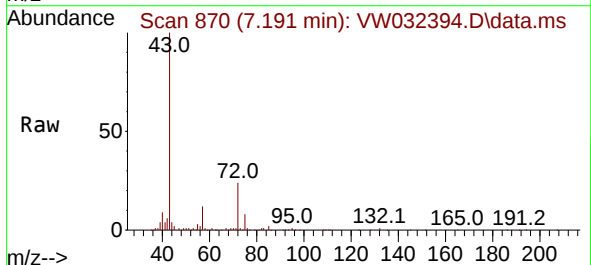
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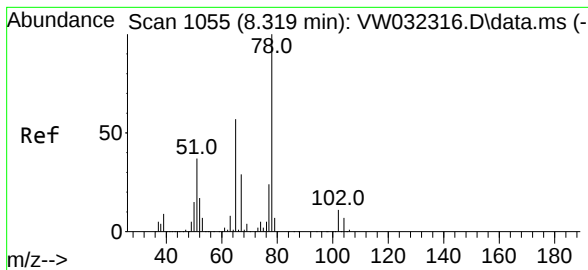
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#25
2-Butanone
Concen: 71.771 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032394.D
Acq: 20 Oct 2025 17:08

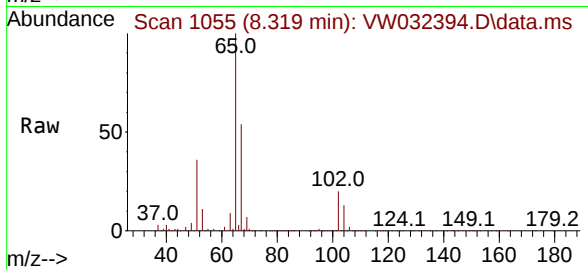
Tgt Ion: 43 Resp: 91330
Ion Ratio Lower Upper
43 100
72 23.9 21.4 32.2





#33
 1,2-Dichloroethane-d4
 Concen: 63.109 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032394.D
 Acq: 20 Oct 2025 17:08

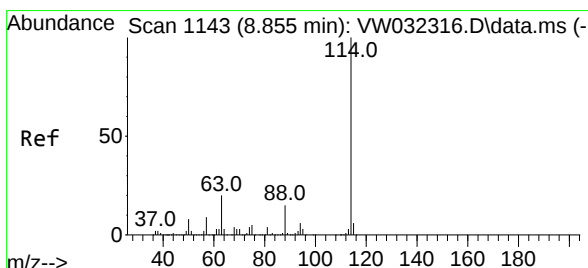
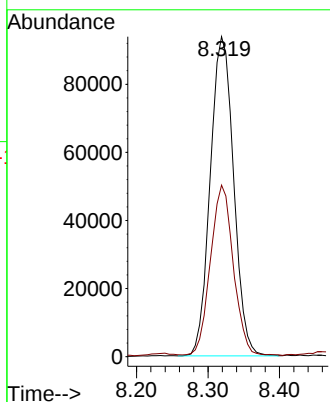
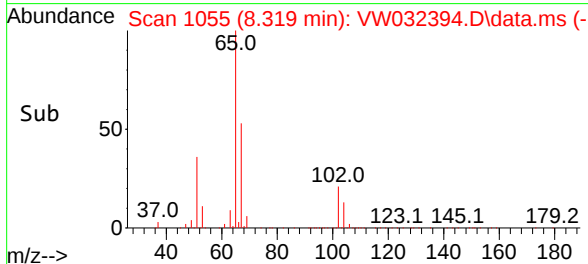
Instrument : MSVOA_W
 ClientSampleId : PR132-S10-022047-20251017



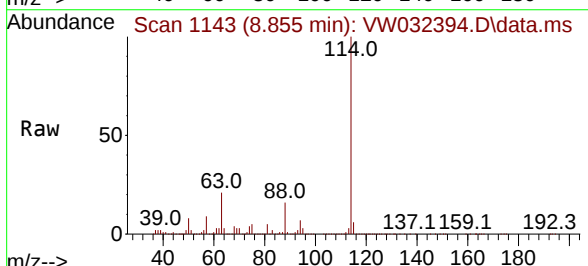
Tgt Ion: 65 Resp: 212952
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 99.6

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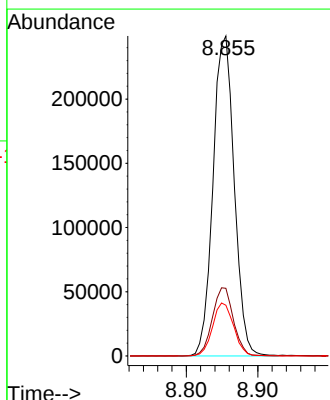
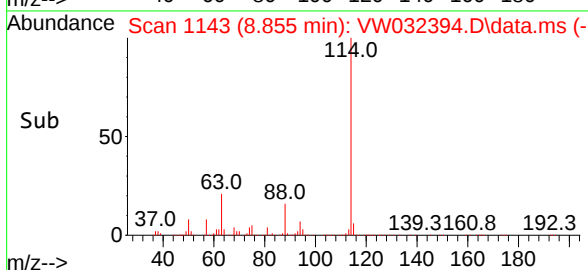
Reviewed By :Amit Patel 10/21/2025
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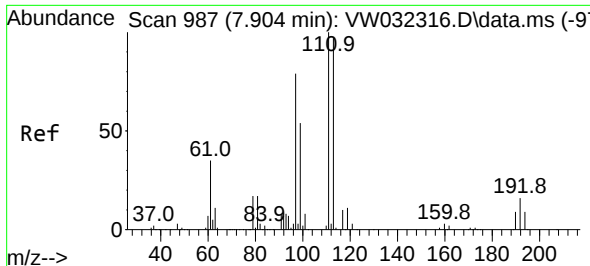


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032394.D
 Acq: 20 Oct 2025 17:08



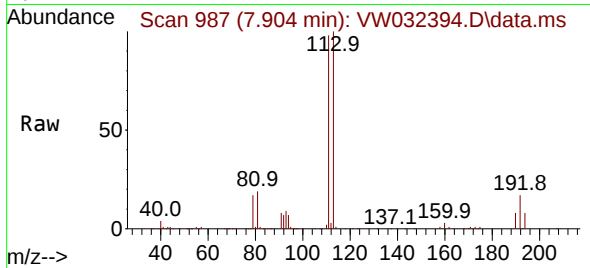
Tgt Ion:114 Resp: 513228
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.4
 88 15.9 0.0 32.0





#35
Dibromofluoromethane
Concen: 53.675 ug/l
RT: 7.904 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032394.D
Acq: 20 Oct 2025 17:08

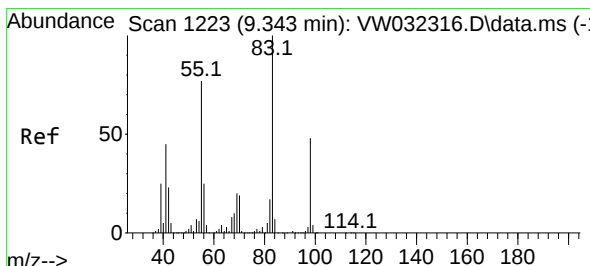
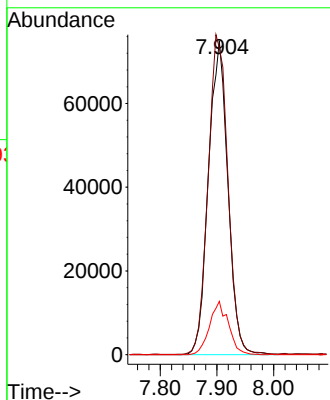
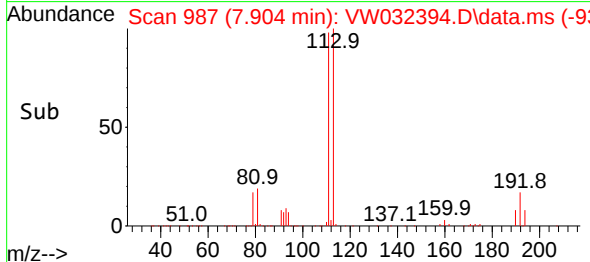
Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-022047-20251017



Tgt Ion:113 Resp: 17840
Ion Ratio Lower Upper
113 100
111 103.7 83.9 125.9
192 16.5 14.6 21.8

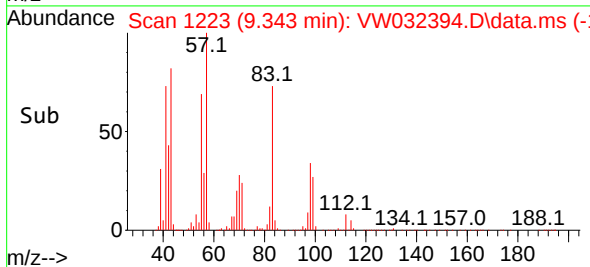
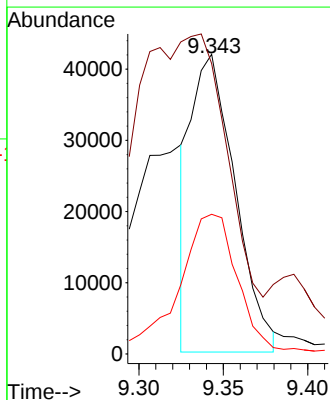
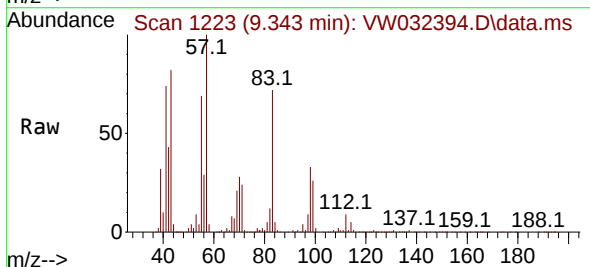
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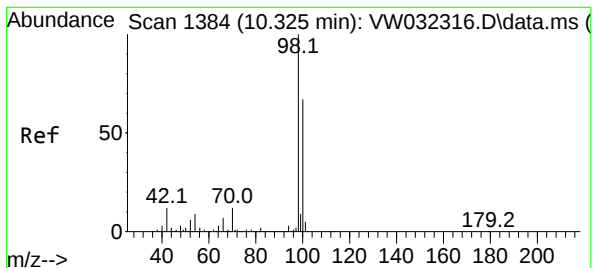
Reviewed By :Amit Patel 10/21/2025
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#39
Methylcyclohexane
Concen: 13.425 ug/l m
RT: 9.343 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VW032394.D
Acq: 20 Oct 2025 17:08

Tgt Ion: 83 Resp: 75959
Ion Ratio Lower Upper
83 100
55 96.9 58.4 87.6#
98 46.6 39.4 59.2





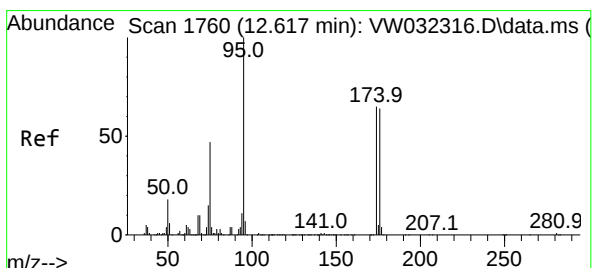
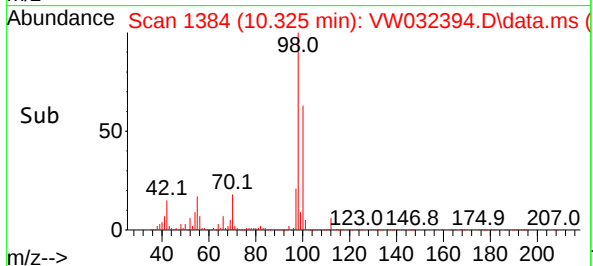
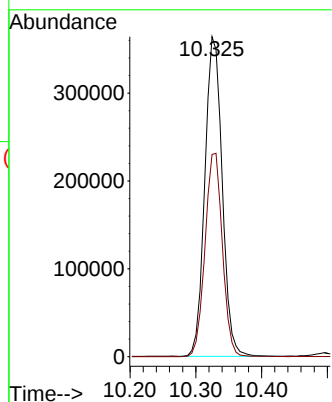
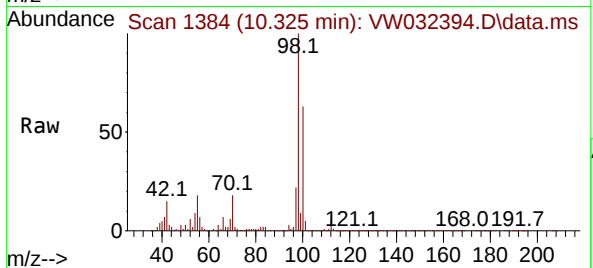
#50
Toluene-d8
Concen: 54.487 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032394.D
Acq: 20 Oct 2025 17:08

Instrument :
MSVOA_W
ClientSampleId :
PR132-S10-022047-20251017

Tgt Ion: 98 Resp: 66839
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.2

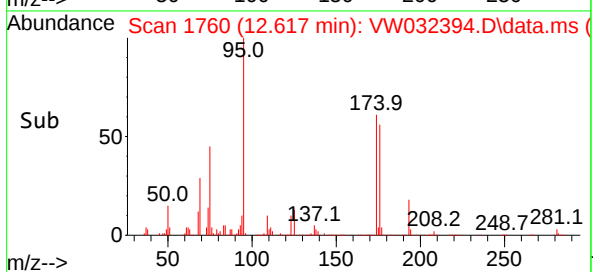
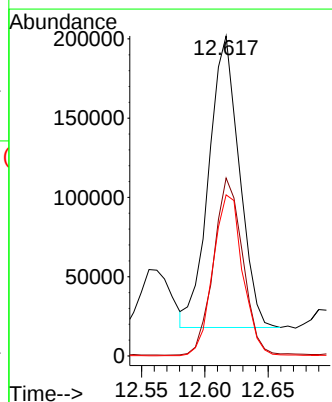
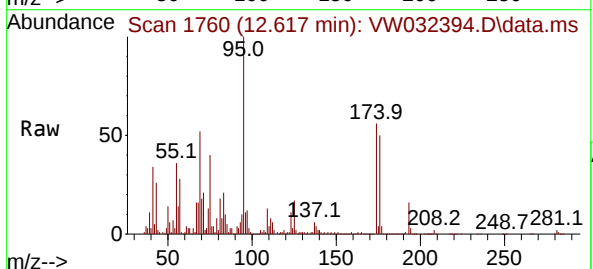
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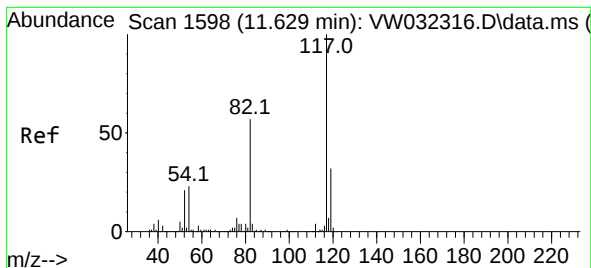
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#62
4-Bromofluorobenzene
Concen: 66.410 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032394.D
Acq: 20 Oct 2025 17:08

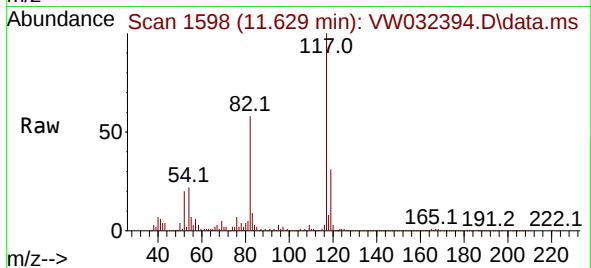
Tgt Ion: 95 Resp: 307913
Ion Ratio Lower Upper
95 100
174 58.2 0.0 145.6
176 54.2 0.0 140.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VW032394.D
Acq: 20 Oct 2025 17:08

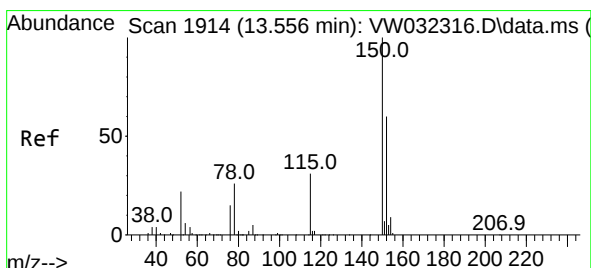
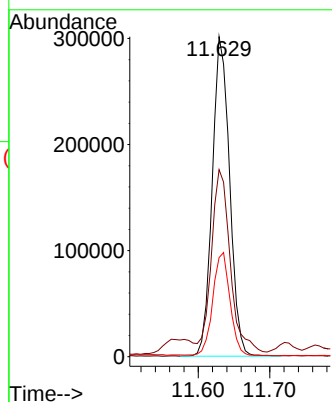
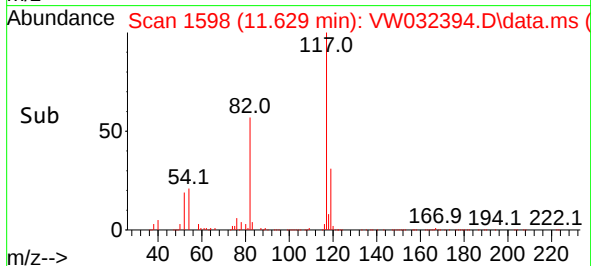
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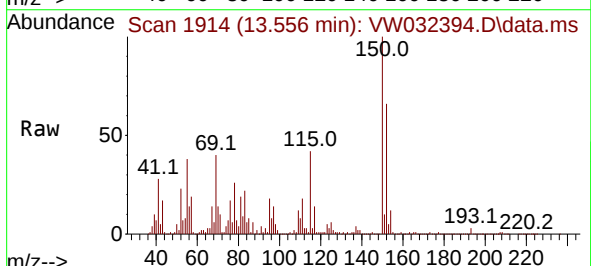
Tgt Ion:117 Resp: 507329
Ion Ratio Lower Upper
117 100
82 54.9 42.7 64.1
119 30.7 25.2 37.8

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032394.D
Acq: 20 Oct 2025 17:08



Tgt Ion:152 Resp: 251321
Ion Ratio Lower Upper
152 100
115 59.5 31.8 95.4
150 147.0 0.0 343.0

