

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032395.D
 Acq On : 20 Oct 2025 17:29
 Operator : SY/MD
 Sample : Q3393-03
 Misc : 4.47g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S08-013038-20251017

Quant Time: Oct 21 01:32:15 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	231885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	523664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	495224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	243163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	190084	56.202	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 112.400%			
35) Dibromofluoromethane	7.898	113	169728	50.048	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 100.100%			
50) Toluene-d8	10.325	98	678040	54.171	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 108.340%			
62) 4-Bromofluorobenzene	12.617	95	429206	90.725	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 181.440%#			
Target Compounds						
16) Acetone	4.161	43	209490	223.694	ug/l	99
17) Carbon Disulfide	4.417	76	51447	7.215	ug/l	99
25) 2-Butanone	7.197	43	73416	57.560	ug/l	96
39) Methylcyclohexane	9.343	83	253418m	43.896	ug/l	

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

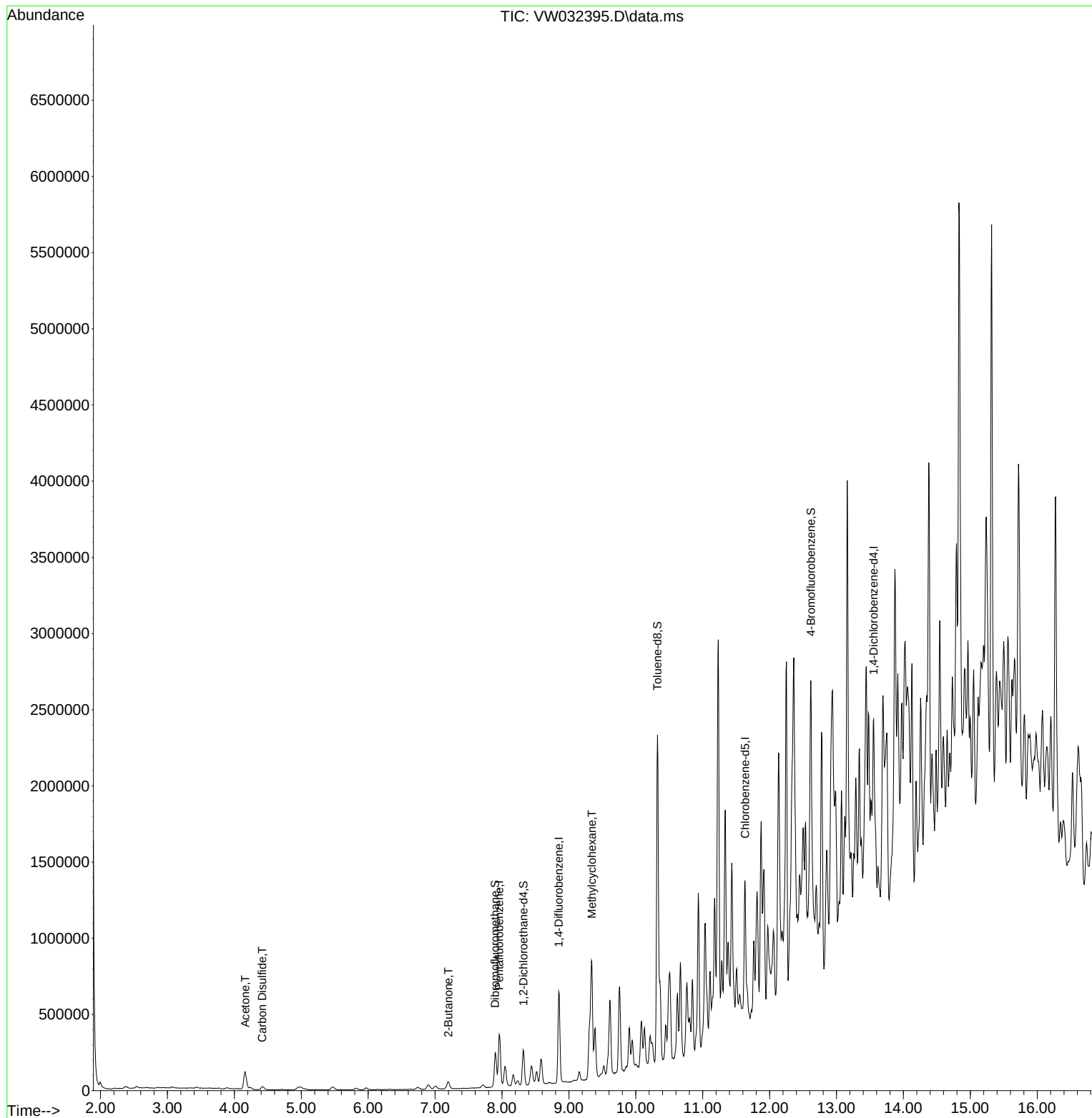
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
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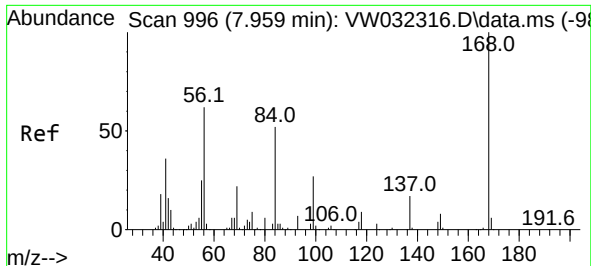
Instrument :
MSVOA_W
ClientSampleId :
PR132-S08-013038-20251017

Quant Time: Oct 21 01:32:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
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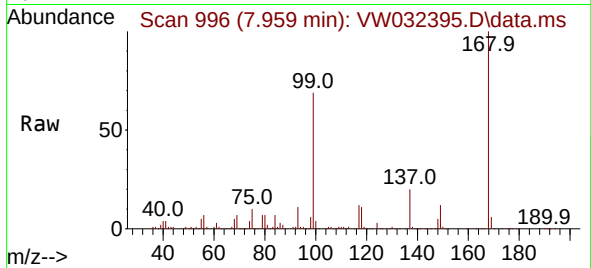
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032395.D
Acq: 20 Oct 2025 17:29

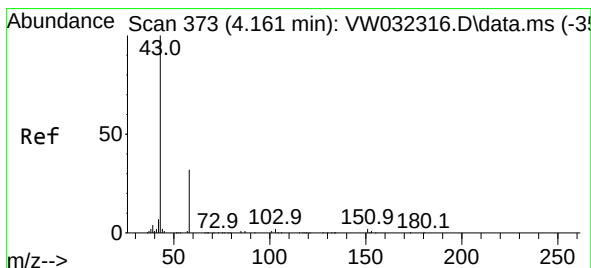
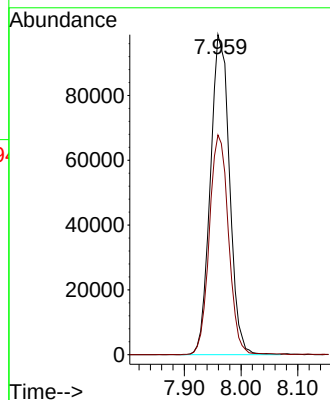
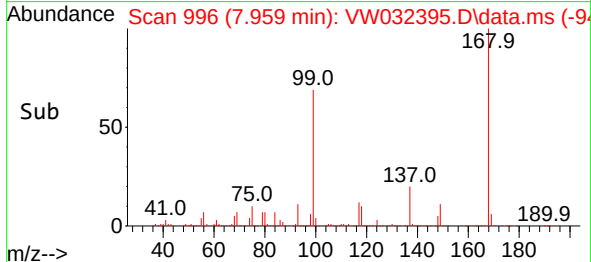
Instrument :
MSVOA_W
ClientSampleId :
PR132-S08-013038-20251017



Tgt Ion:168 Resp: 23188
Ion Ratio Lower Upper
168 100
99 68.6 49.3 73.9

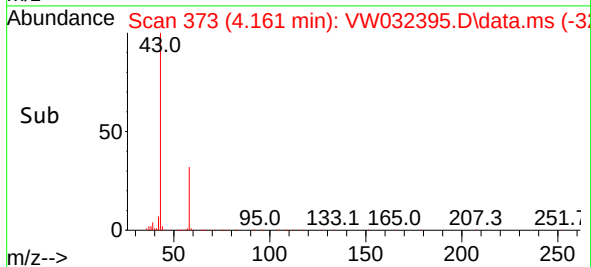
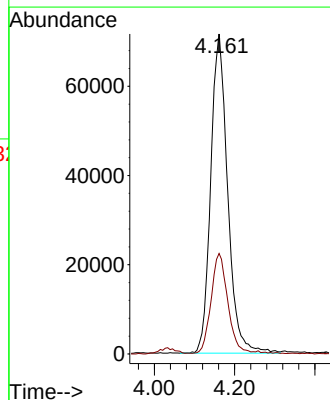
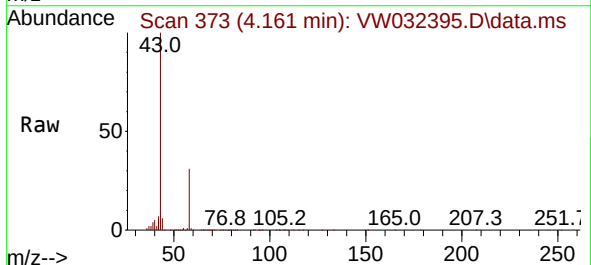
Manual Integrations
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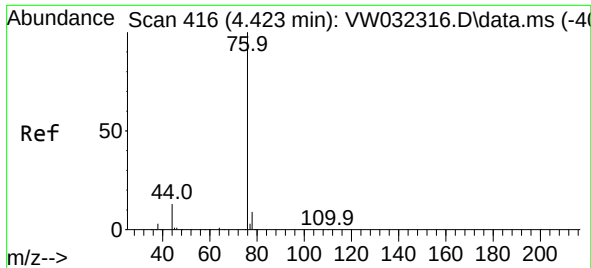
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#16
Acetone
Concen: 223.694 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032395.D
Acq: 20 Oct 2025 17:29

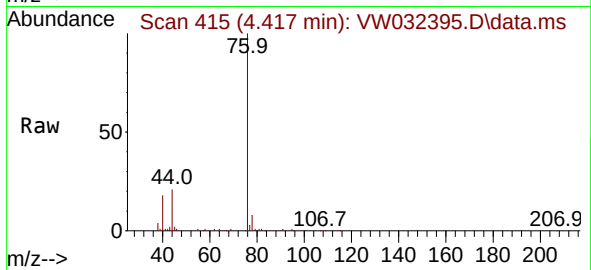
Tgt Ion: 43 Resp: 209490
Ion Ratio Lower Upper
43 100
58 31.3 25.3 37.9





#17
Carbon Disulfide
Concen: 7.215 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032395.D
Acq: 20 Oct 2025 17:29

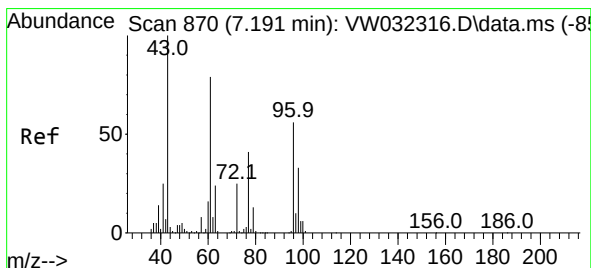
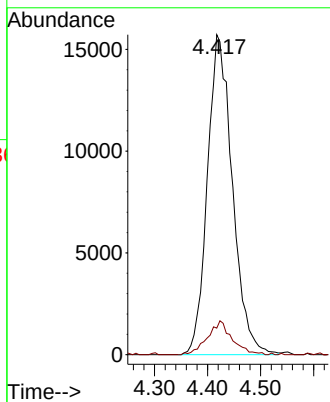
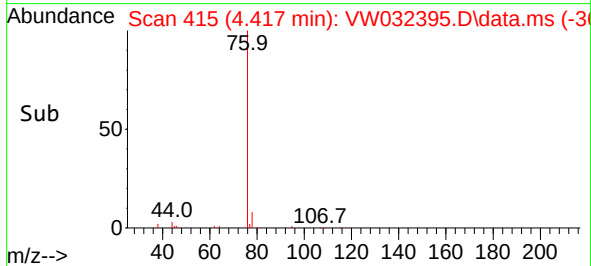
Instrument :
MSVOA_W
ClientSampleId :
PR132-S08-013038-20251017



Tgt Ion: 76 Resp: 5144
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6

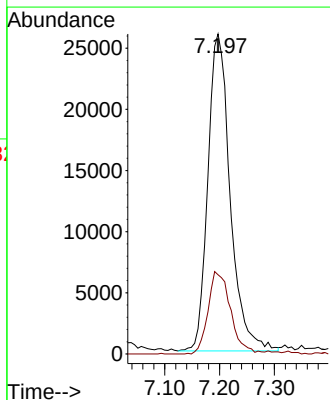
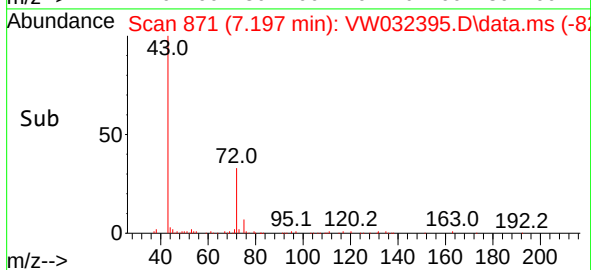
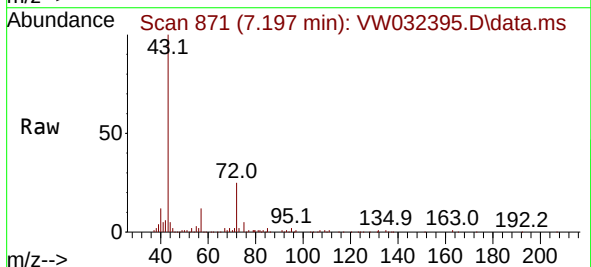
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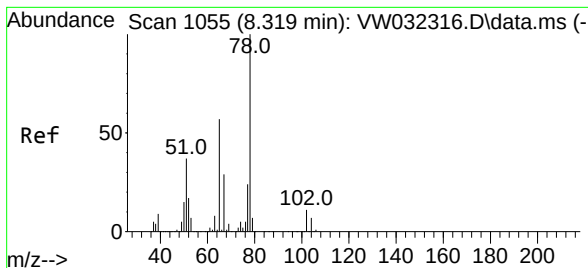
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#25
2-Butanone
Concen: 57.560 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032395.D
Acq: 20 Oct 2025 17:29

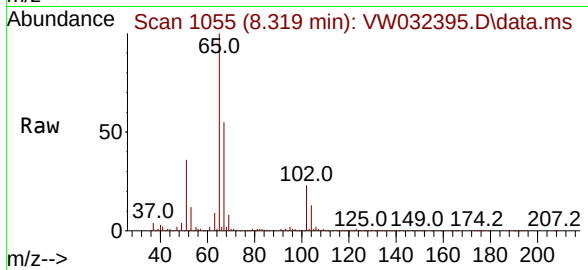
Tgt Ion: 43 Resp: 73416
Ion Ratio Lower Upper
43 100
72 25.0 21.4 32.2





#33
1,2-Dichloroethane-d4
Concen: 56.202 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032395.D
Acq: 20 Oct 2025 17:29

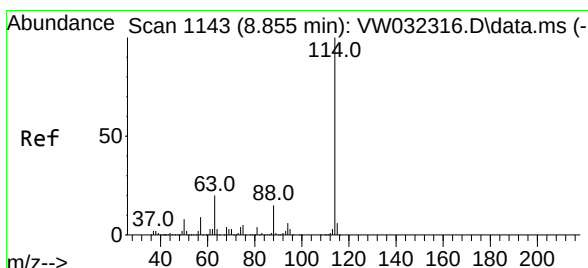
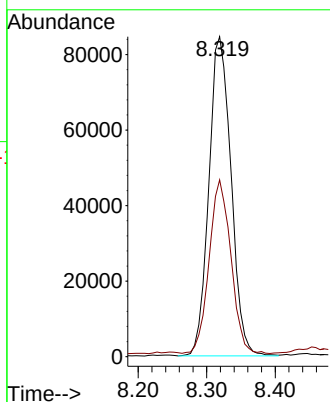
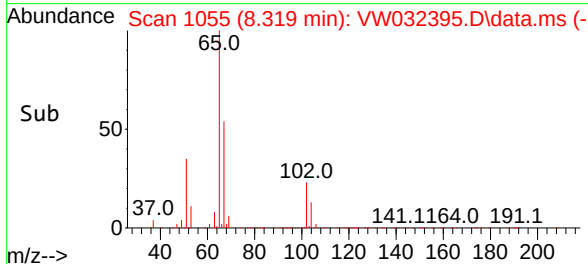
Instrument : MSVOA_W
ClientSampleId : PR132-S08-013038-20251017



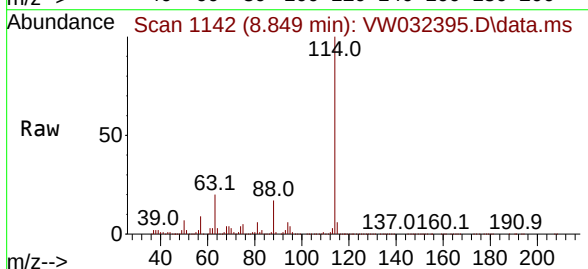
Tgt Ion: 65 Resp: 190084
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.6

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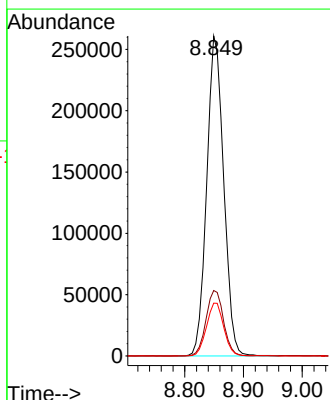
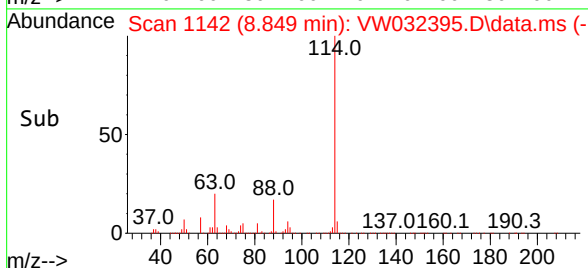
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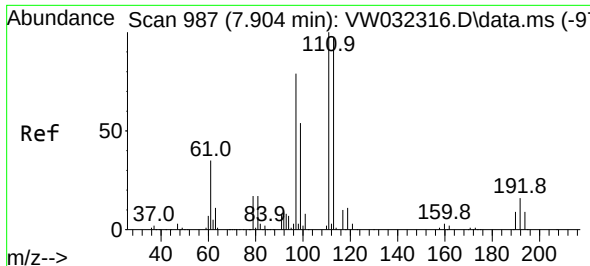


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032395.D
Acq: 20 Oct 2025 17:29



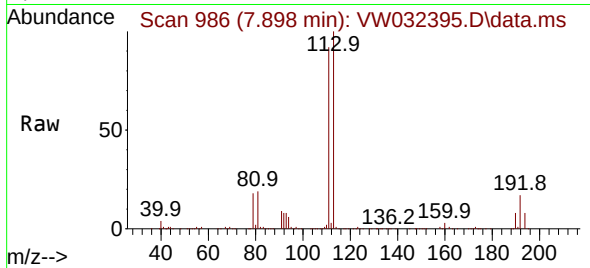
Tgt Ion:114 Resp: 523664
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.4
88 16.5 0.0 32.0





#35
 Dibromofluoromethane
 Concen: 50.048 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW032395.D
 Acq: 20 Oct 2025 17:29

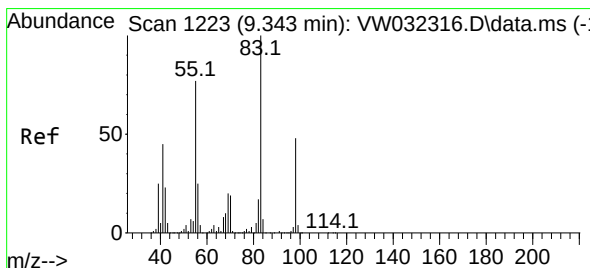
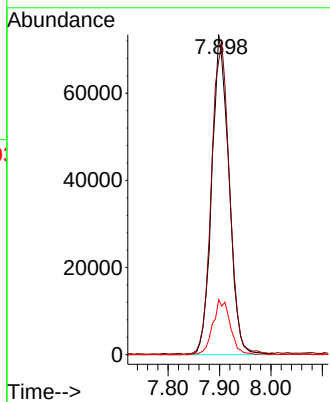
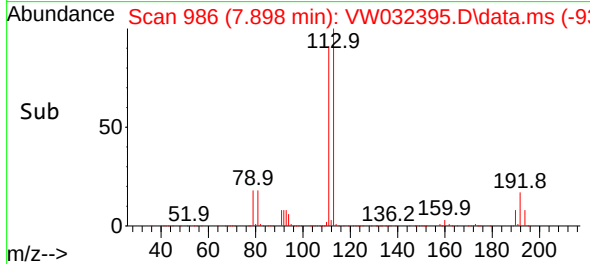
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Tgt Ion: 113 Resp: 169728
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.9 125.9
 192 17.5 14.6 21.8

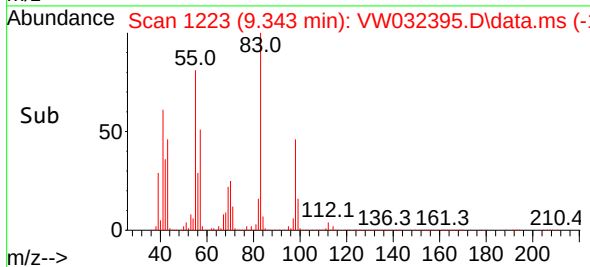
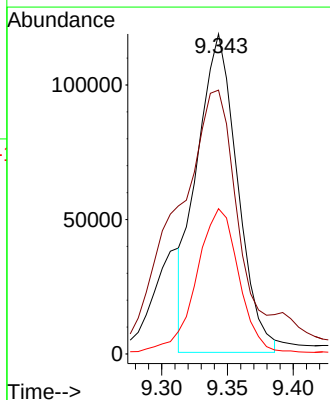
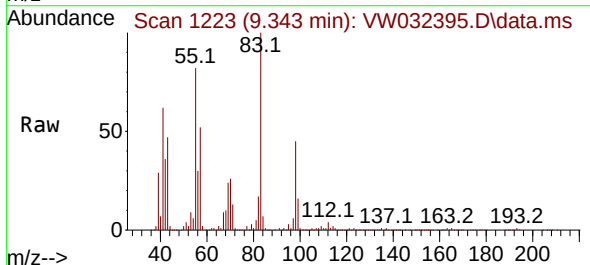
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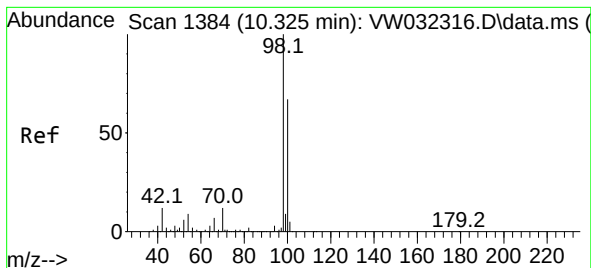
Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#39
 Methylcyclohexane
 Concen: 43.896 ug/l m
 RT: 9.343 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VW032395.D
 Acq: 20 Oct 2025 17:29

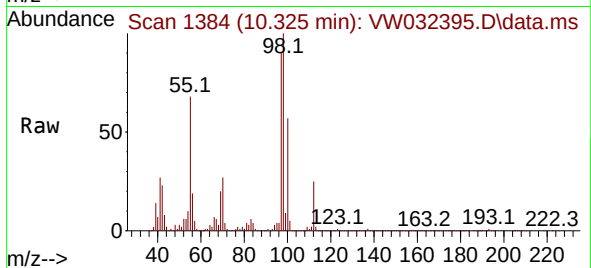
Tgt Ion: 83 Resp: 253418
 Ion Ratio Lower Upper
 83 100
 55 82.4 58.4 87.6
 98 45.4 39.4 59.2





#50
Toluene-d8
Concen: 54.171 ug/l
RT: 10.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032395.D
Acq: 20 Oct 2025 17:29

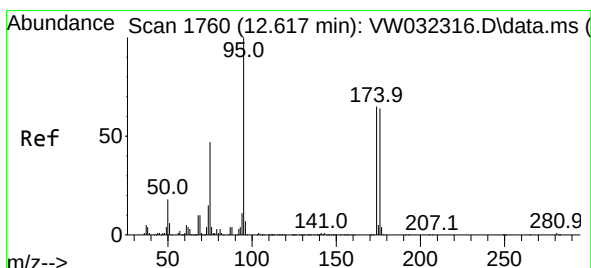
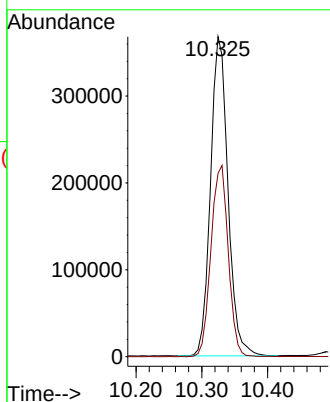
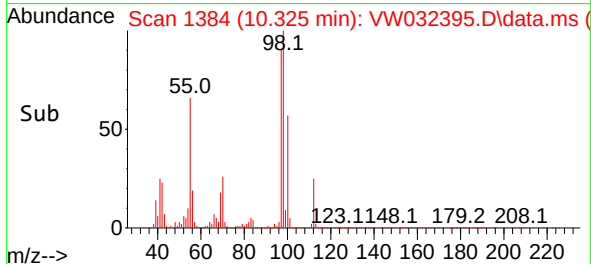
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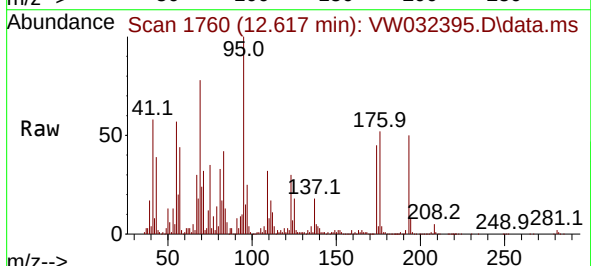
Tgt Ion: 98 Resp: 678040
Ion Ratio Lower Upper
98 100
100 59.3 51.4 77.2

Manual Integrations
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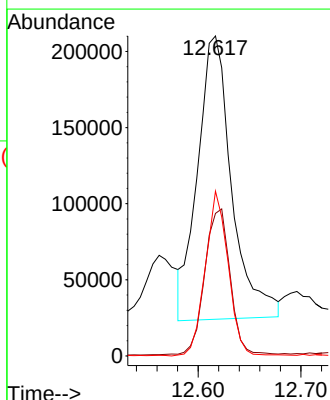
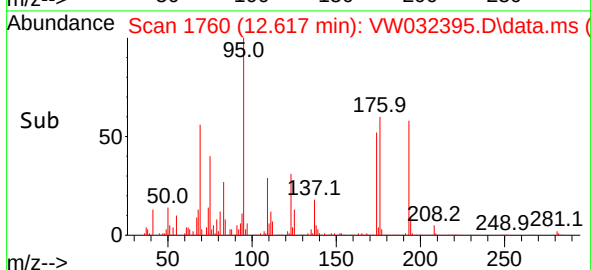
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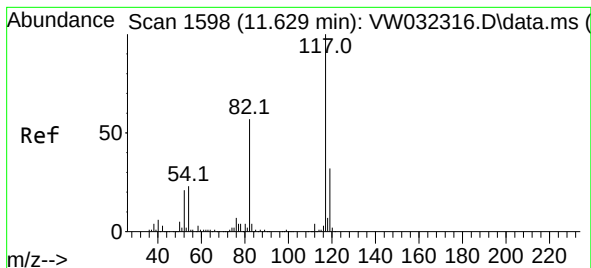


#62
4-Bromofluorobenzene
Concen: 90.725 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032395.D
Acq: 20 Oct 2025 17:29



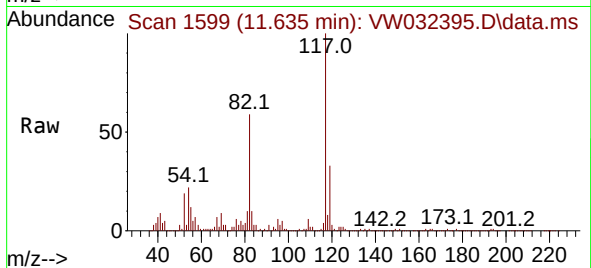
Tgt Ion: 95 Resp: 429206
Ion Ratio Lower Upper
95 100
174 39.0 0.0 145.6
176 39.2 0.0 140.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032395.D
Acq: 20 Oct 2025 17:29

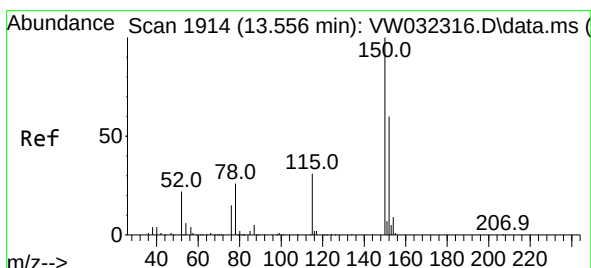
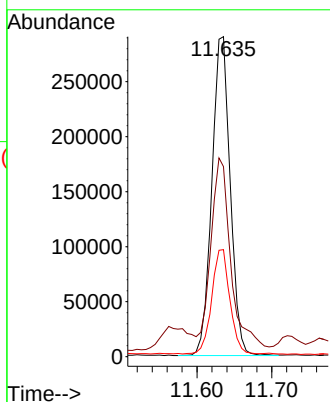
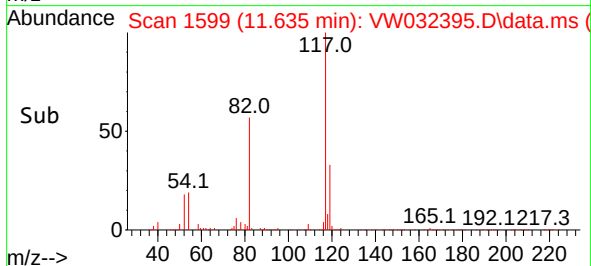
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Tgt Ion:117 Resp: 495224
Ion Ratio Lower Upper
117 100
82 55.4 42.7 64.1
119 32.7 25.2 37.8

Manual Integrations
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Supervised By :Semsettin Yesilyurt 10/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032395.D
Acq: 20 Oct 2025 17:29

Tgt Ion:152 Resp: 243163
Ion Ratio Lower Upper
152 100
115 59.9 31.8 95.4
150 147.1 0.0 343.0

