

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032398.D
 Acq On : 20 Oct 2025 18:36
 Operator : SY/MD
 Sample : Q3395-05
 Misc : 4.92g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-102116-20251017

Quant Time: Oct 21 01:33:51 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	238348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	525564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	518256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	242674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	209559	60.280	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 120.560%			
35) Dibromofluoromethane	7.898	113	176996	52.002	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 104.000%			
50) Toluene-d8	10.325	98	691135	55.018	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 110.040%			
62) 4-Bromofluorobenzene	12.617	95	339211	71.443	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 142.880%			
Target Compounds					Qvalue	
16) Acetone	4.161	43	210624	218.806	ug/l	100
17) Carbon Disulfide	4.423	76	73268	9.996	ug/l	99
25) 2-Butanone	7.197	43	83888	63.987	ug/l	98
39) Methylcyclohexane	9.337	83	243178m	41.970	ug/l	
73) Isopropylbenzene	12.464	105	46646	2.810	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	70905	4.857	ug/l	94

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

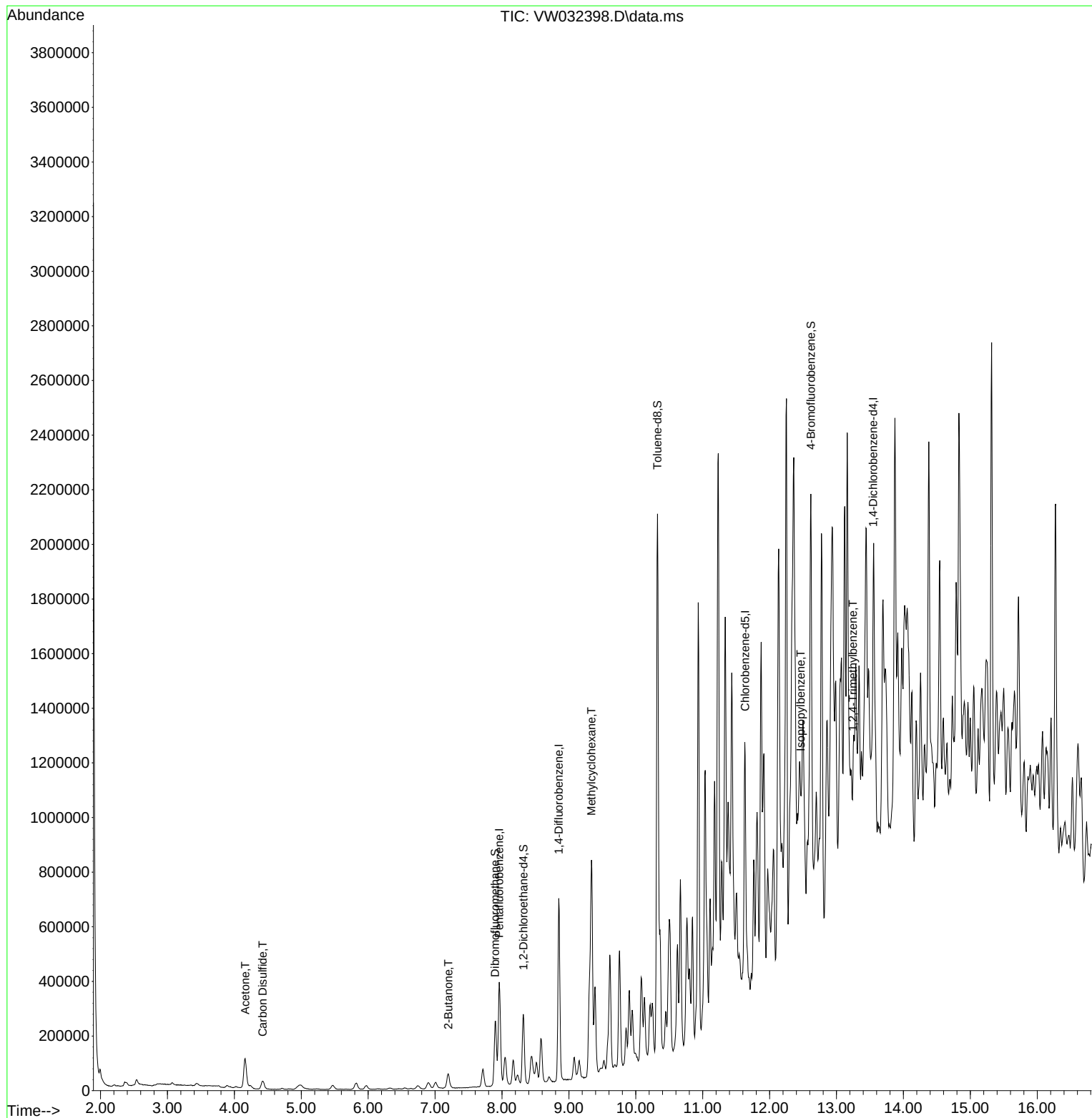
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032398.D
Acq On : 20 Oct 2025 18:36
Operator : SY/MD
Sample : Q3395-05
Misc : 4.92g/5mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

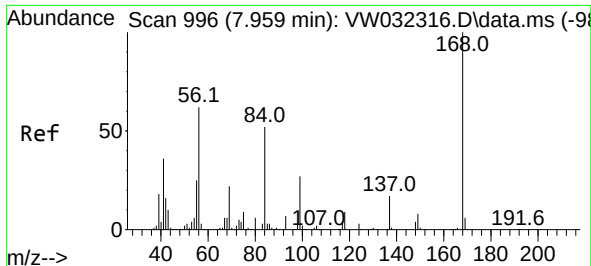
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017

Quant Time: Oct 21 01:33:51 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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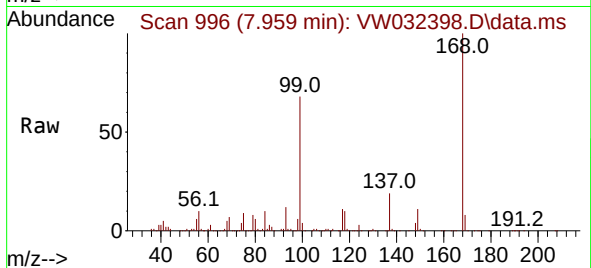
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

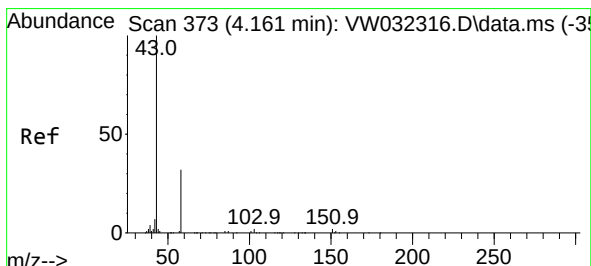
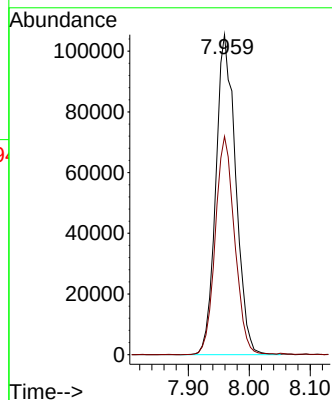
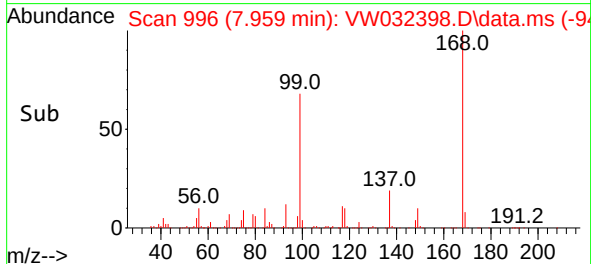
Instrument : MSVOA_W
ClientSampleId : PR132-S07-102116-20251017



Tgt Ion:168 Resp: 238348
Ion Ratio Lower Upper
168 100
99 68.2 49.3 73.9

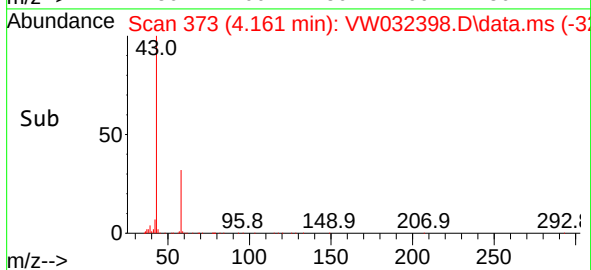
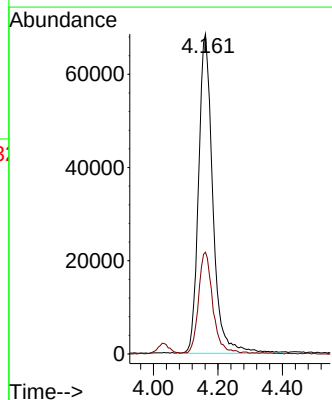
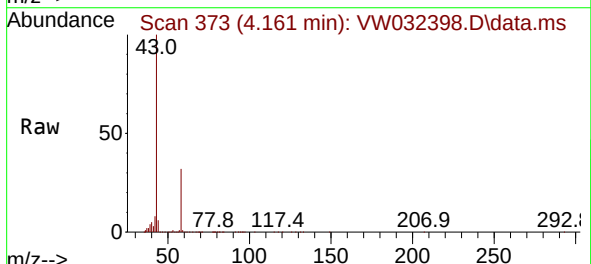
Manual Integrations
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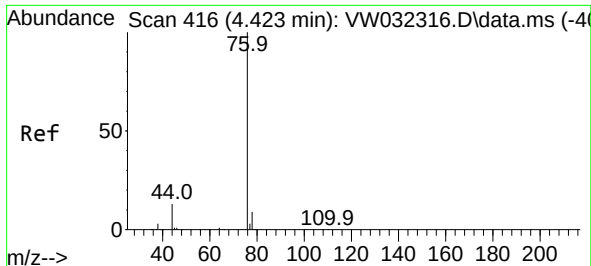
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#16
Acetone
Concen: 218.806 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

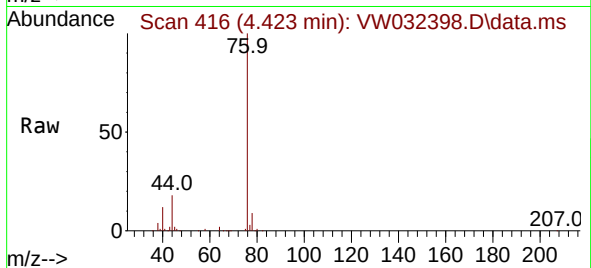
Tgt Ion: 43 Resp: 210624
Ion Ratio Lower Upper
43 100
58 31.7 25.3 37.9





#17
Carbon Disulfide
Concen: 9.996 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

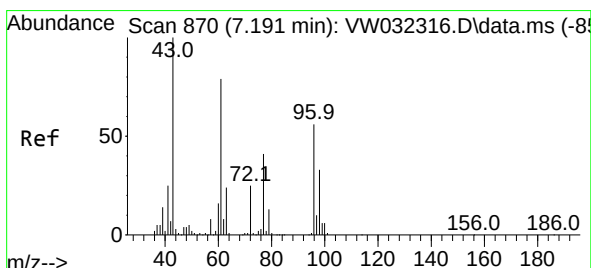
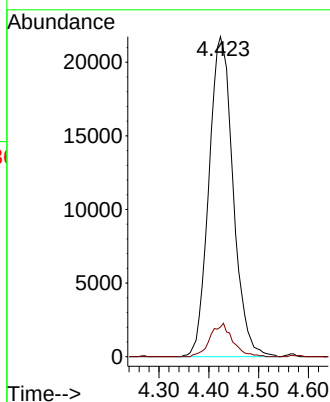
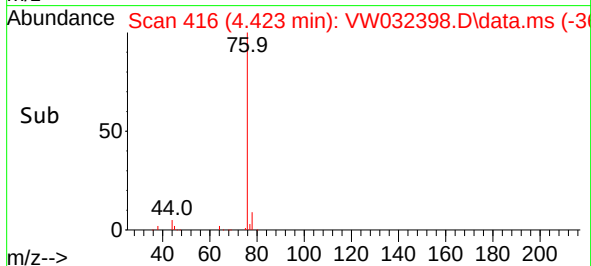
Instrument :
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ClientSampleId :
PR132-S07-102116-20251017



Tgt Ion: 76 Resp: 73268
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

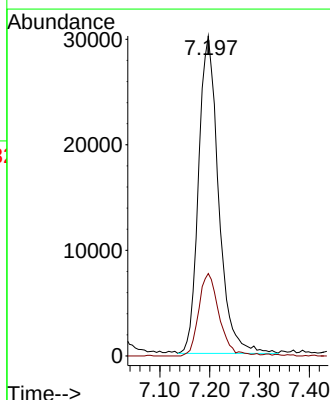
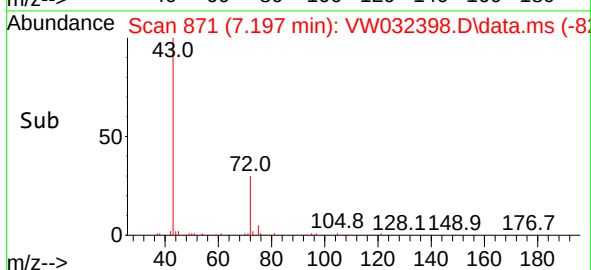
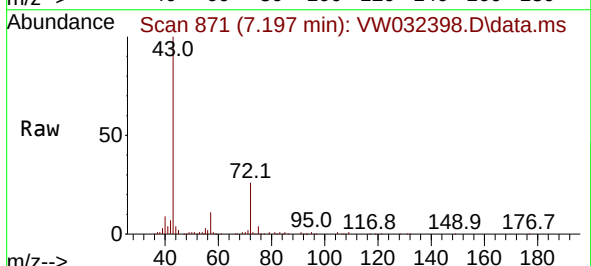
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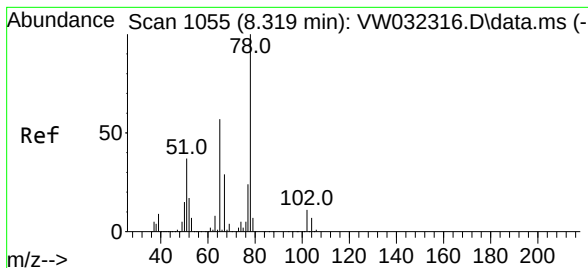
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#25
2-Butanone
Concen: 63.987 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

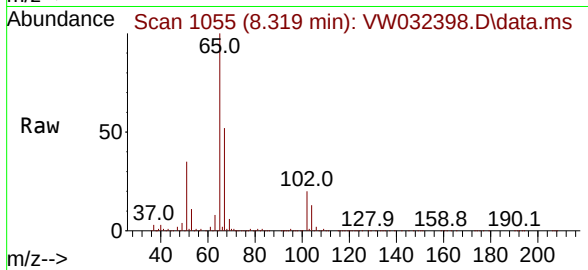
Tgt Ion: 43 Resp: 83888
Ion Ratio Lower Upper
43 100
72 25.9 21.4 32.2





#33
1,2-Dichloroethane-d4
Concen: 60.280 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

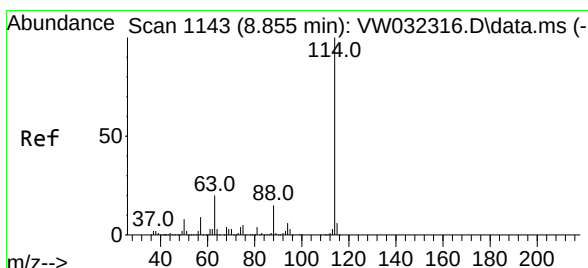
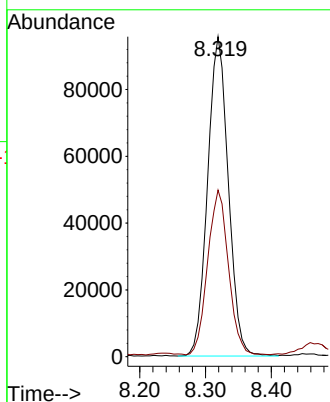
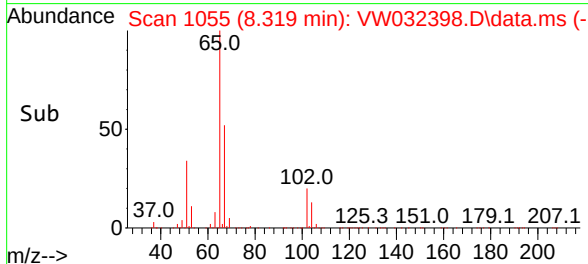
Instrument : MSVOA_W
ClientSampleId : PR132-S07-102116-20251017



Tgt Ion: 65 Resp: 209559
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.6

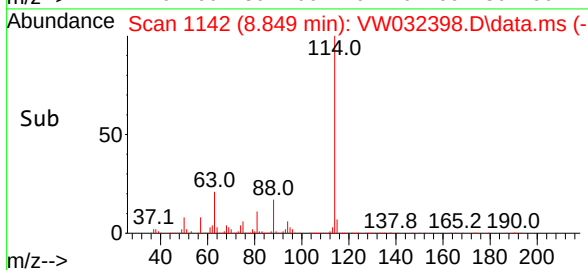
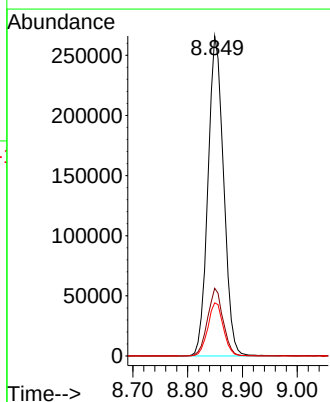
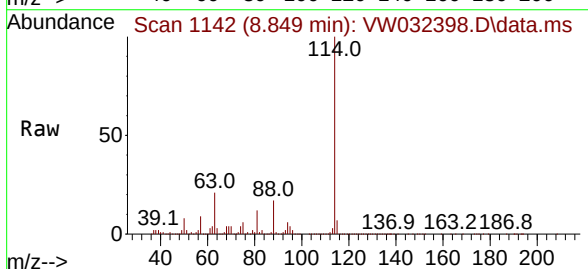
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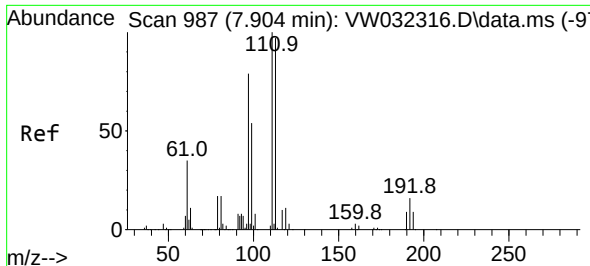
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

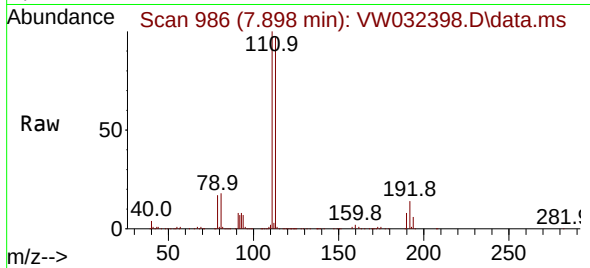
Tgt Ion:114 Resp: 525564
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.4
88 16.6 0.0 32.0





#35
Dibromofluoromethane
Concen: 52.002 ug/l
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

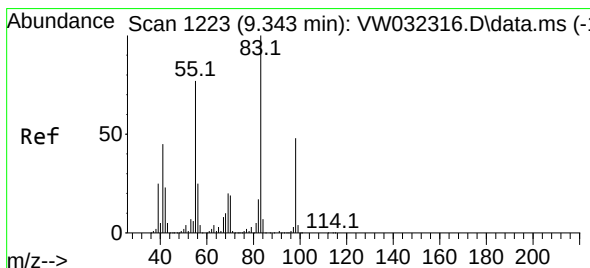
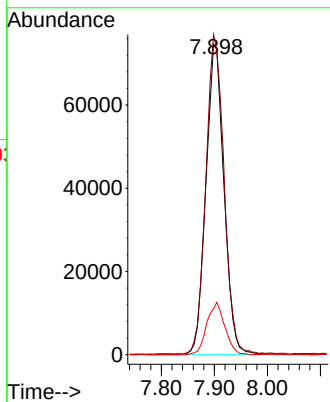
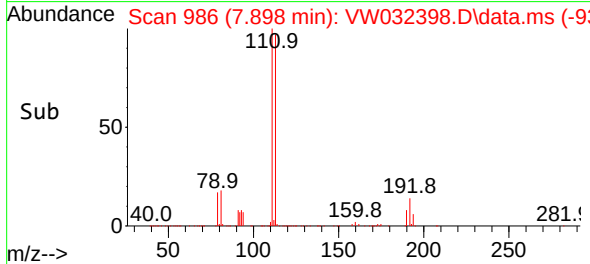
Instrument : MSVOA_W
ClientSampleId : PR132-S07-102116-20251017



Tgt Ion: 113 Resp: 176990
Ion Ratio Lower Upper
113 100
111 102.9 83.9 125.9
192 16.8 14.6 21.8

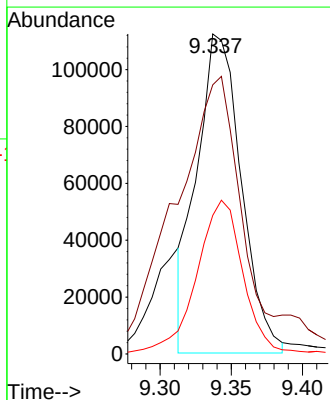
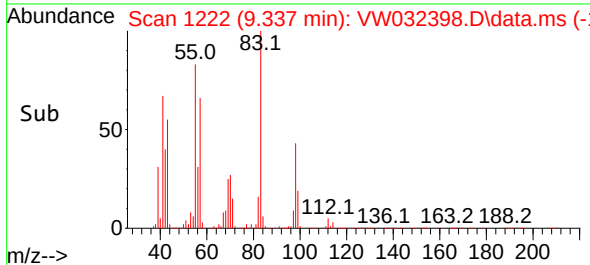
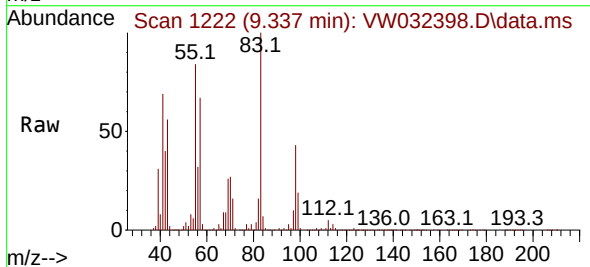
Manual Integrations
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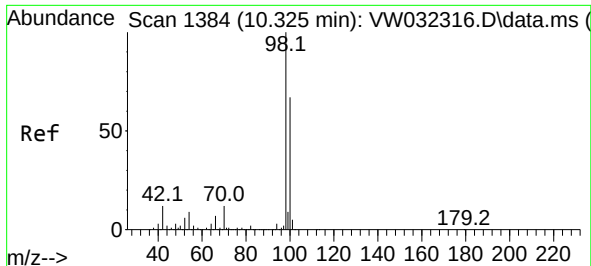
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#39
Methylcyclohexane
Concen: 41.970 ug/l m
RT: 9.337 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

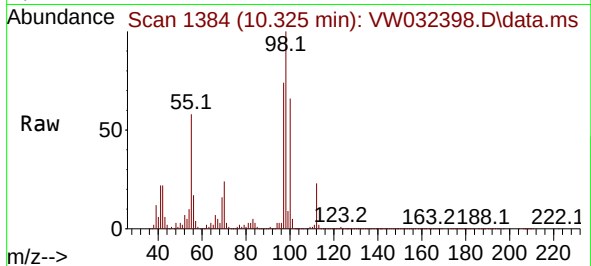
Tgt Ion: 83 Resp: 243178
Ion Ratio Lower Upper
83 100
55 84.1 58.4 87.6
98 43.3 39.4 59.2





#50
Toluene-d8
Concen: 55.018 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

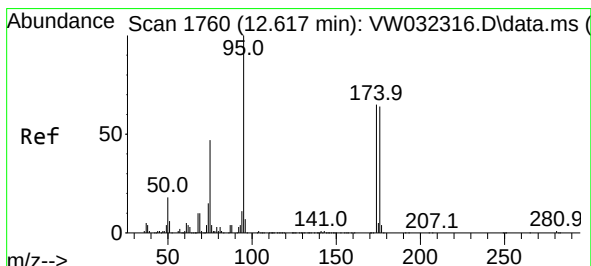
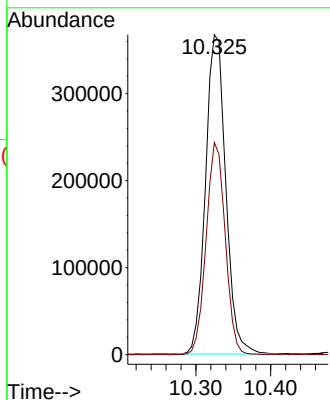
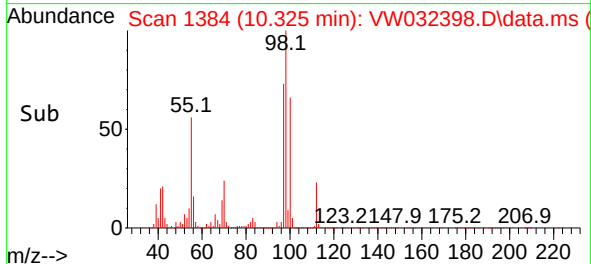
Instrument : MSVOA_W
ClientSampleId : PR132-S07-102116-20251017



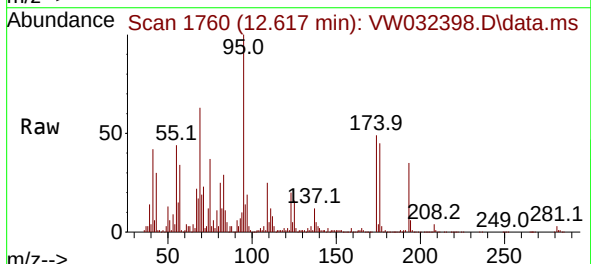
Tgt Ion: 98 Resp: 691135
Ion Ratio Lower Upper
98 100
100 62.5 51.4 77.2

Manual Integrations
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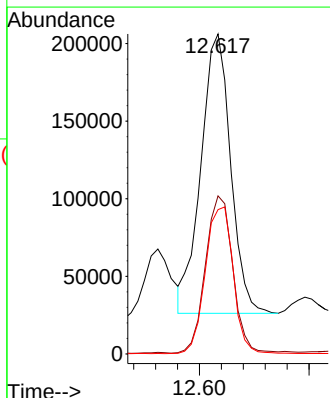
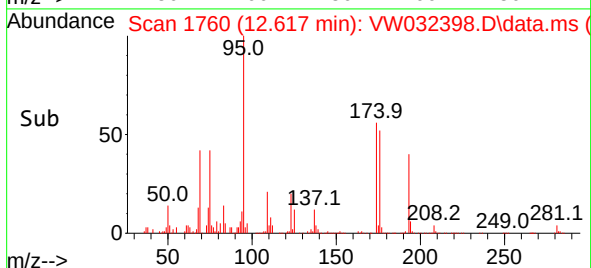
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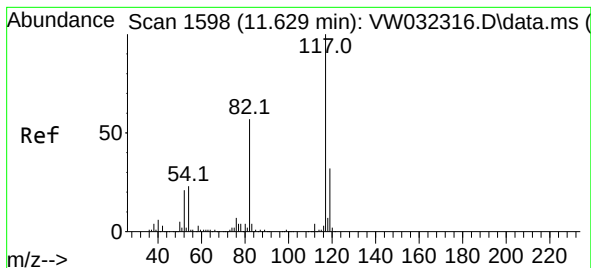


#62
4-Bromofluorobenzene
Concen: 71.443 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36



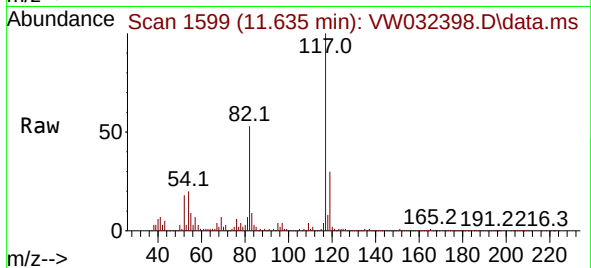
Tgt Ion: 95 Resp: 339211
Ion Ratio Lower Upper
95 100
174 51.8 0.0 145.6
176 49.2 0.0 140.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

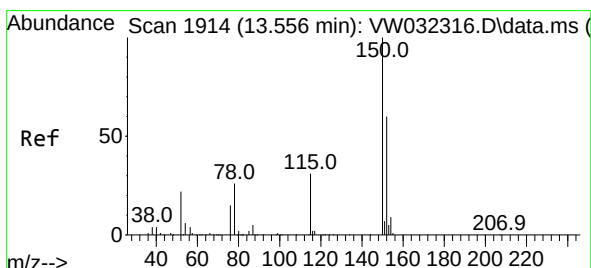
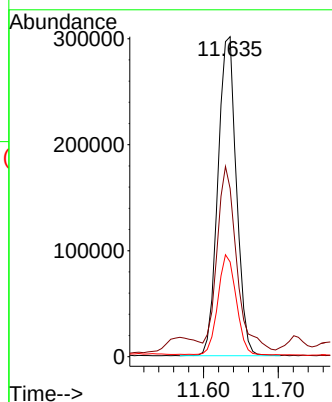
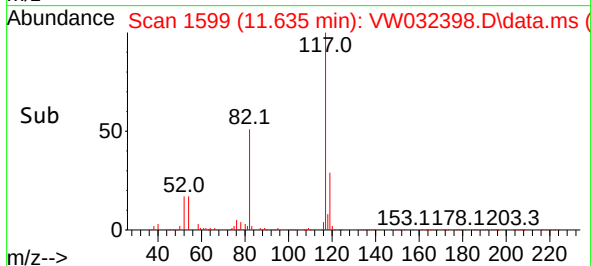
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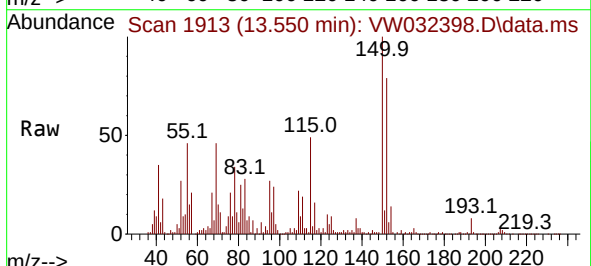
Tgt Ion:117 Resp: 518250
Ion Ratio Lower Upper
117 100
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119 29.1 25.2 37.8

Manual Integrations
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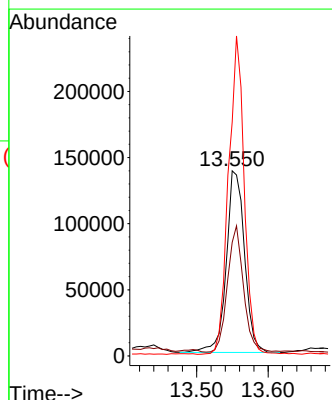
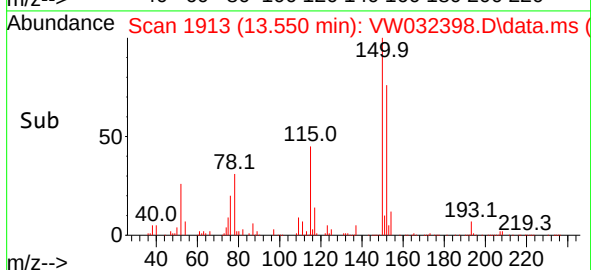
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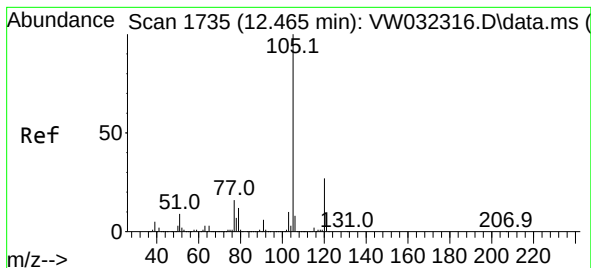


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.550 min Scan# 1913
Delta R.T. -0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36



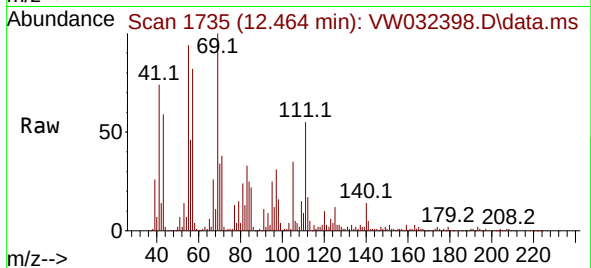
Tgt Ion:152 Resp: 242674
Ion Ratio Lower Upper
152 100
115 61.1 31.8 95.4
150 152.1 0.0 343.0





#73
Isopropylbenzene
Concen: 2.810 ug/l
RT: 12.464 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

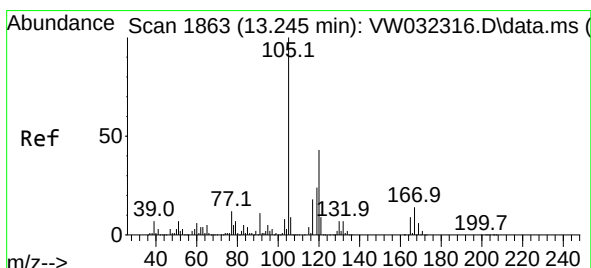
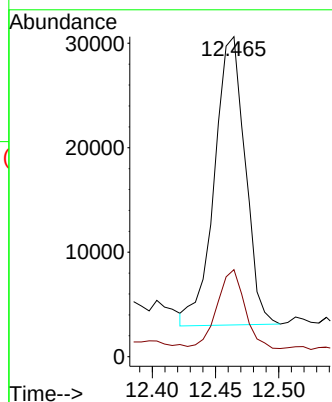
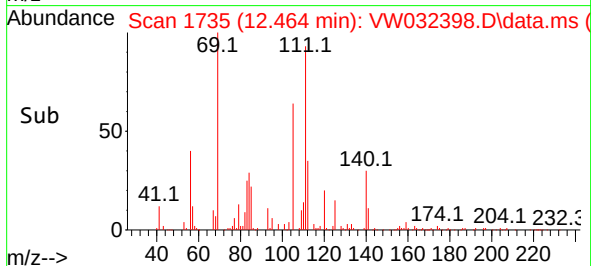
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-102116-20251017



Tgt Ion:105 Resp: 46640
Ion Ratio Lower Upper
105 100
120 24.6 13.0 38.9

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



#84
1,2,4-Trimethylbenzene
Concen: 4.857 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032398.D
Acq: 20 Oct 2025 18:36

Tgt Ion:105 Resp: 70905
Ion Ratio Lower Upper
105 100
120 40.1 22.1 66.3

