

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW031997.D
 Acq On : 04 Aug 2025 13:34
 Operator : SY/MD
 Sample : Q2757-02
 Misc : 5.19g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
 Supervised By :Semsettin Yesilyurt 08/05/2025

Quant Time: Aug 05 01:18:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	46893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	90953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	84121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	38839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	32344	45.595	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	91.200%		
35) Dibromofluoromethane	7.904	113	29094	47.075	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	94.140%		
50) Toluene-d8	10.325	98	95141	40.675	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	81.340%		
62) 4-Bromofluorobenzene	12.617	95	33656	37.472	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	74.940%		
Target Compounds						
					Qvalue	
16) Acetone	4.173	43	2876m	17.085	ug/l	
80) 1,3,5-Trimethylbenzene	12.940	105	2994	1.059	ug/l	98
84) 1,2,4-Trimethylbenzene	13.251	105	5757	2.012	ug/l	97
95) Naphthalene	15.360	128	23955	12.011	ug/l	97

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

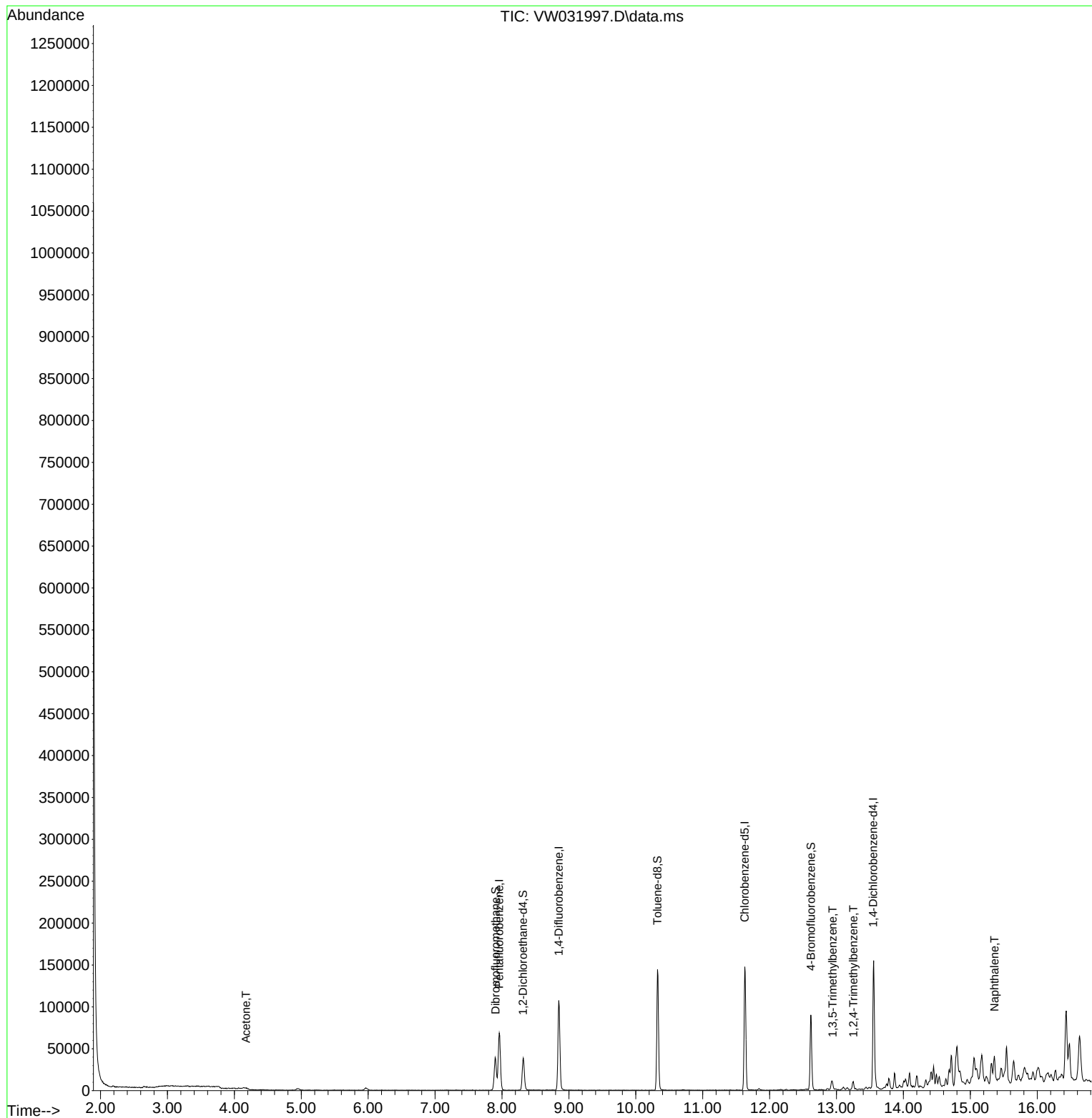
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
Data File : VW031997.D
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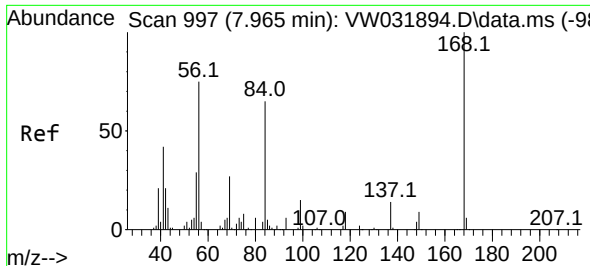
Instrument :
MSVOA_W
ClientSampleId :
VOC

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
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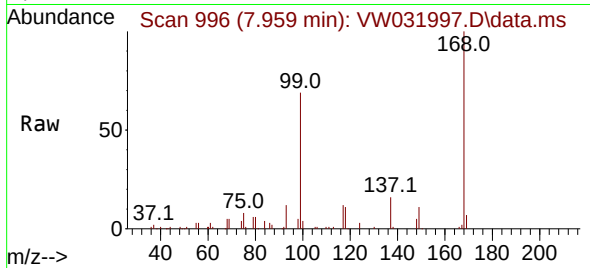
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031997.D
Acq: 04 Aug 2025 13:34

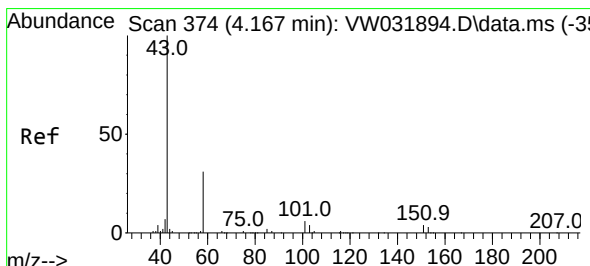
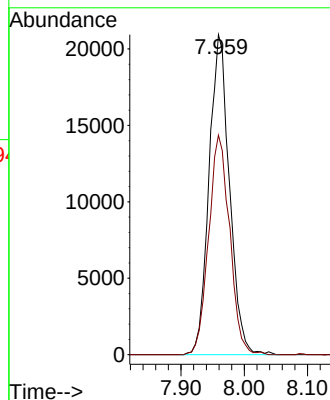
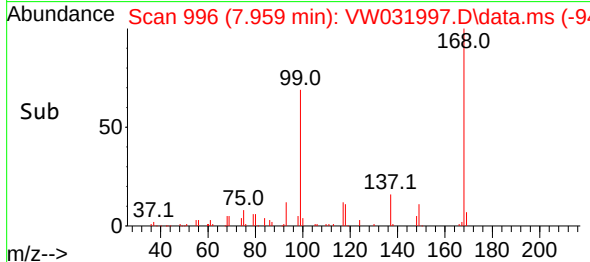
Instrument :
MSVOA_W
ClientSampleId :
VOC



Tgt Ion:168 Resp: 4689
Ion Ratio Lower Upper
168 100
99 68.6 48.2 72.2

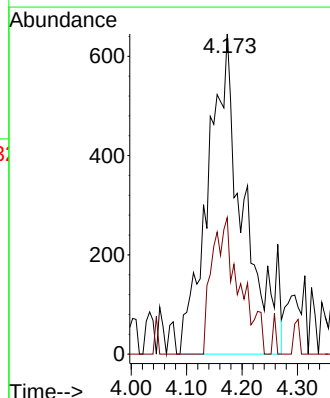
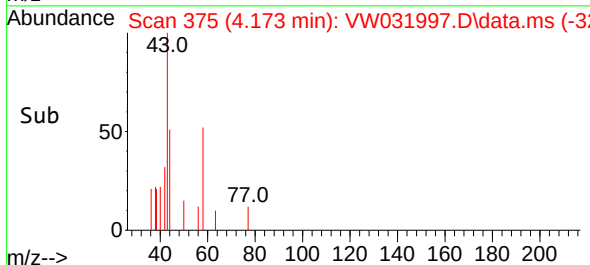
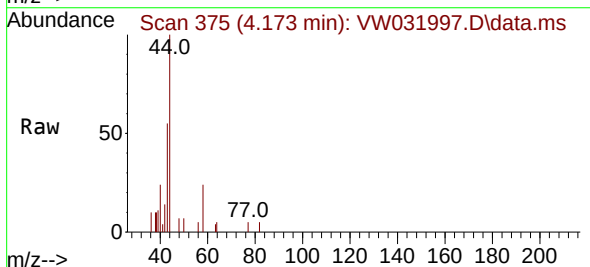
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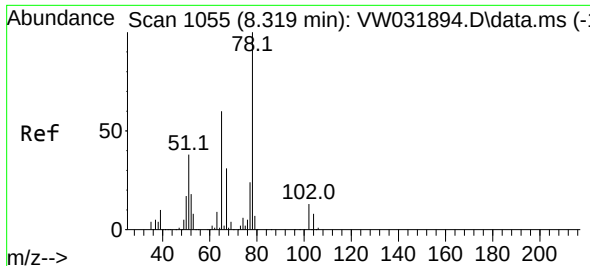
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#16
Acetone
Concen: 17.085 ug/l m
RT: 4.173 min Scan# 375
Delta R.T. 0.006 min
Lab File: VW031997.D
Acq: 04 Aug 2025 13:34

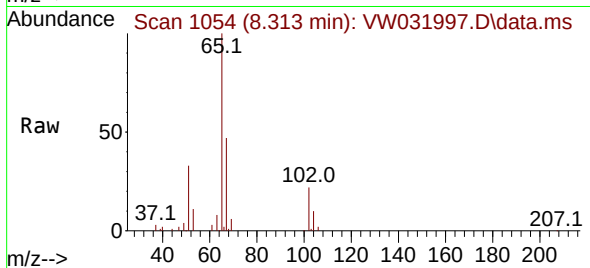
Tgt Ion: 43 Resp: 2876
Ion Ratio Lower Upper
43 100
58 42.6 25.5 38.3#





#33
 1,2-Dichloroethane-d4
 Concen: 45.595 ug/l
 RT: 8.313 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: VW031997.D
 Acq: 04 Aug 2025 13:34

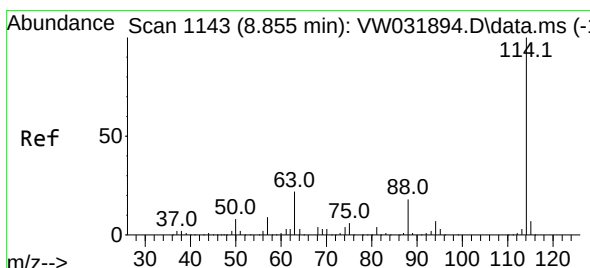
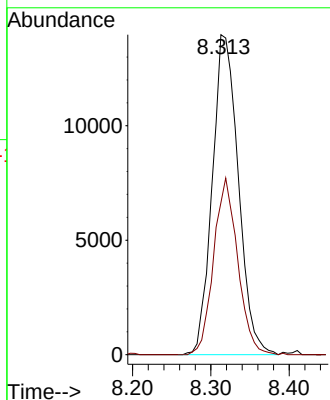
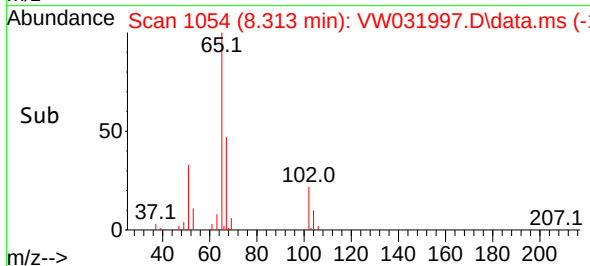
Instrument :
 MSVOA_W
 ClientSampleId :
 VOC



Tgt Ion: 65 Resp: 32344
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.4

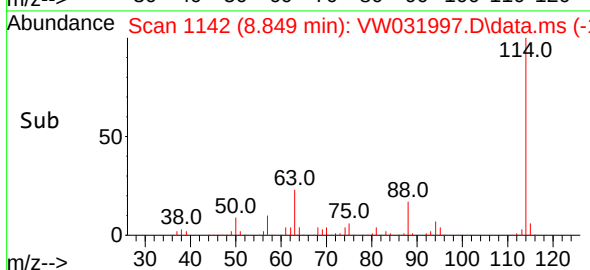
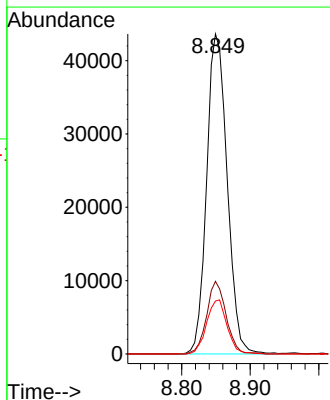
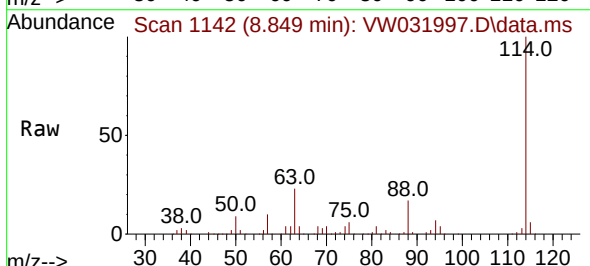
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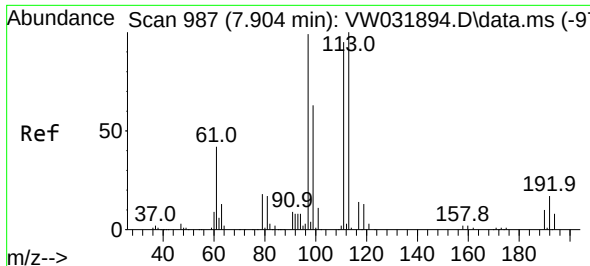
Reviewed By :Mahesh Dadoda 08/05/2025
 Supervised By :Semsettin Yesilyurt 08/05/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031997.D
 Acq: 04 Aug 2025 13:34

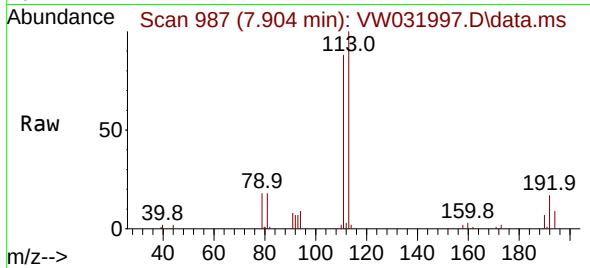
Tgt Ion:114 Resp: 90953
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.2
 88 16.5 0.0 35.6





#35
Dibromofluoromethane
Concen: 47.075 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031997.D
Acq: 04 Aug 2025 13:34

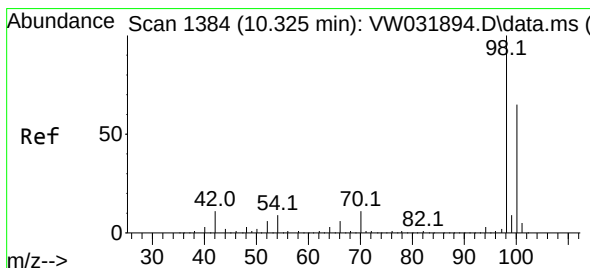
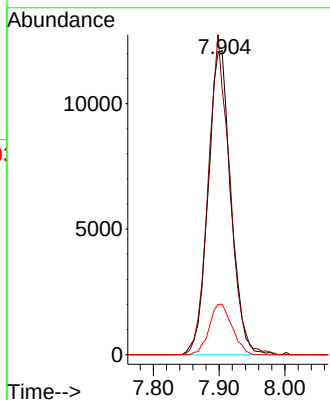
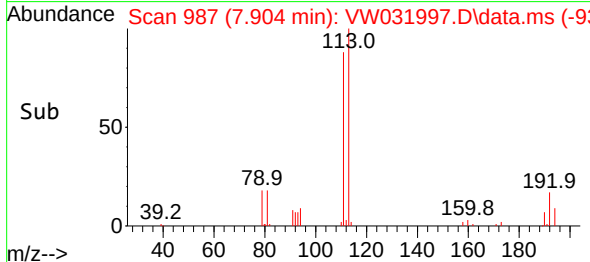
Instrument :
MSVOA_W
ClientSampleId :
VOC



Tgt Ion: 113 Resp: 29094
Ion Ratio Lower Upper
113 100
111 100.0 79.9 119.9
192 16.7 12.6 19.0

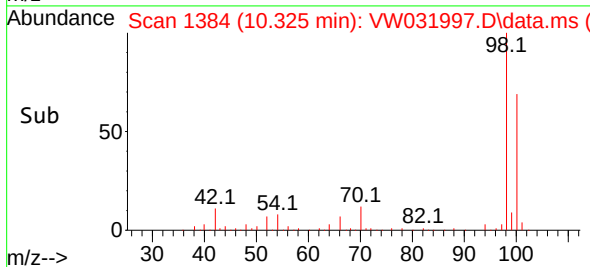
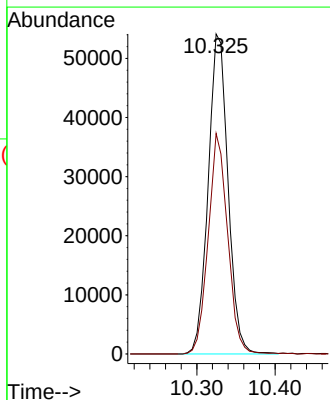
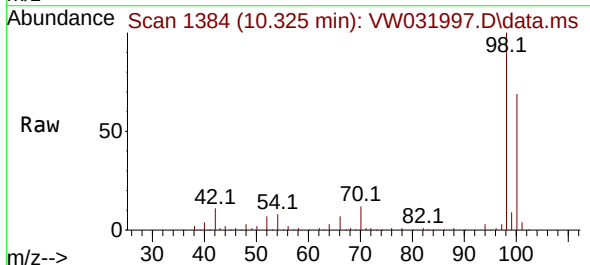
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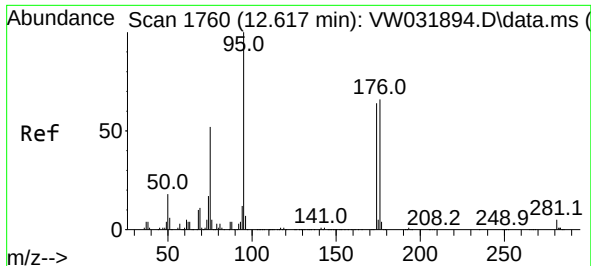
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#50
Toluene-d8
Concen: 40.675 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031997.D
Acq: 04 Aug 2025 13:34

Tgt Ion: 98 Resp: 95141
Ion Ratio Lower Upper
98 100
100 67.6 51.7 77.5





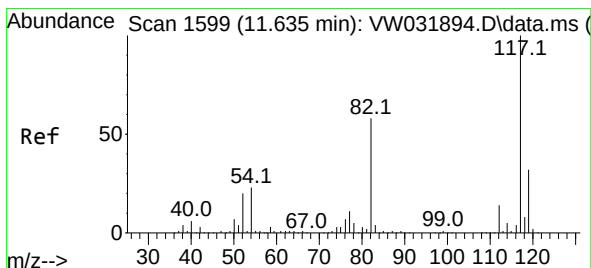
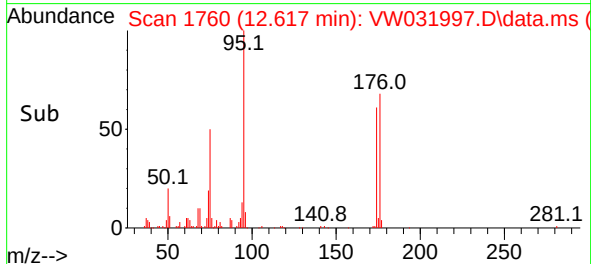
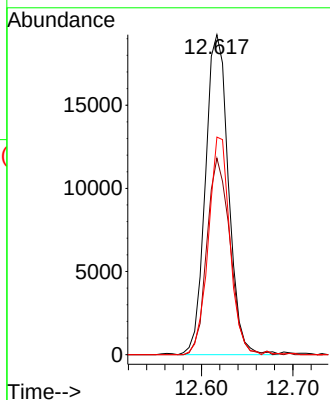
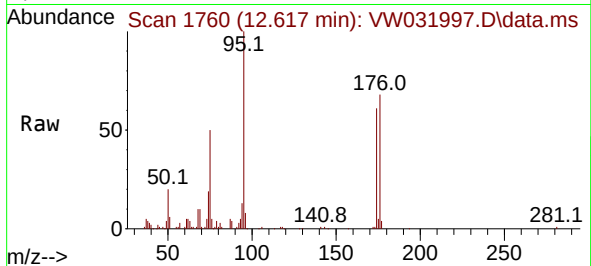
#62
4-Bromofluorobenzene
Concen: 37.472 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031997.D
Acq: 04 Aug 2025 13:34

Instrument :
MSVOA_W
ClientSampleId :
VOC

Tgt Ion: 95 Resp: 33650
Ion Ratio Lower Upper
95 100
174 61.7 0.0 129.8
176 63.6 0.0 130.4

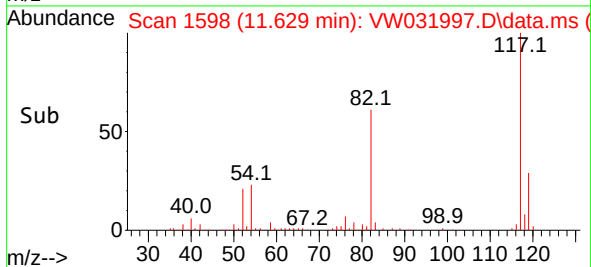
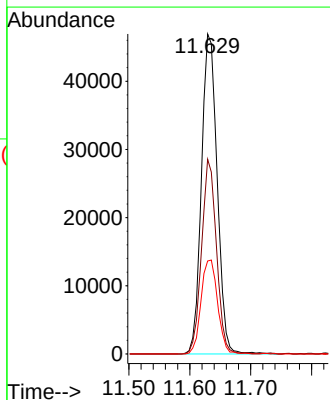
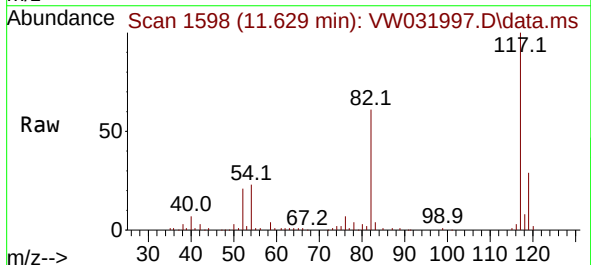
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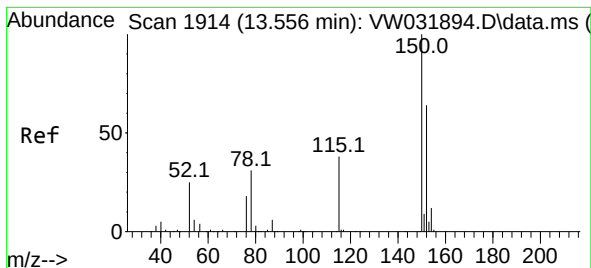
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031997.D
Acq: 04 Aug 2025 13:34

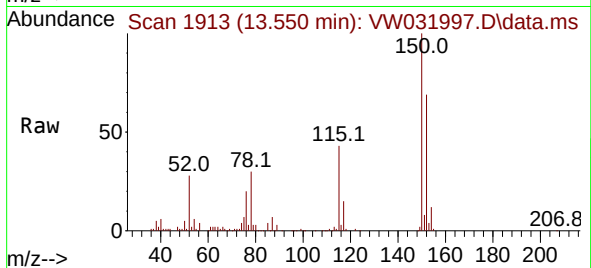
Tgt Ion:117 Resp: 84121
Ion Ratio Lower Upper
117 100
82 60.9 46.5 69.7
119 29.1 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.550 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: VW031997.D
 Acq: 04 Aug 2025 13:34

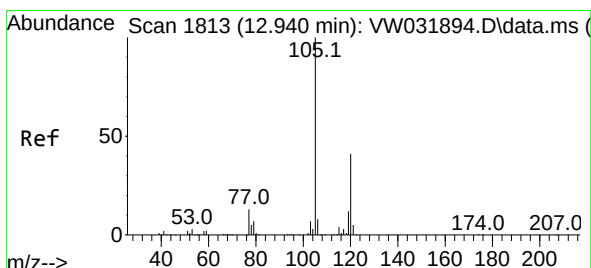
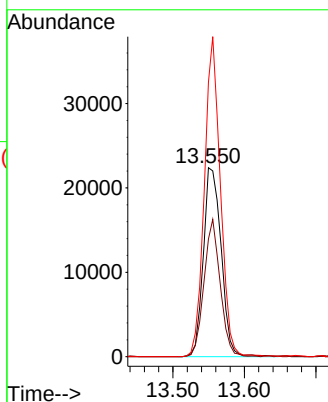
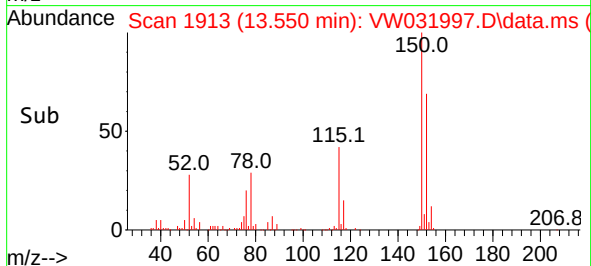
Instrument :
 MSVOA_W
 ClientSampleId :
 VOC



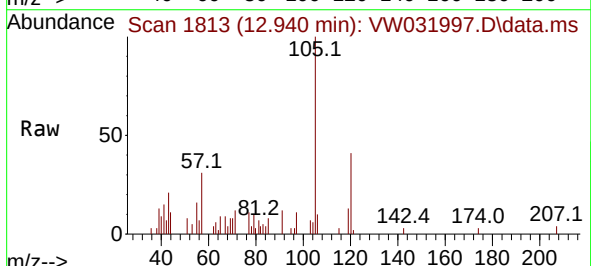
Tgt Ion:152 Resp: 38839
 Ion Ratio Lower Upper
 152 100
 115 65.8 33.4 100.1
 150 151.9 0.0 352.2

Manual Integrations
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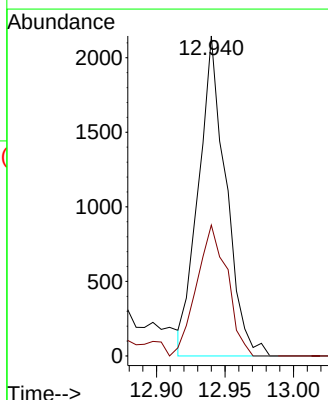
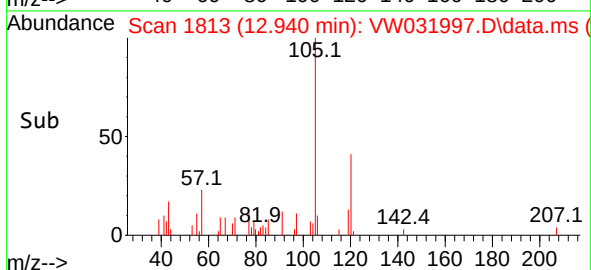
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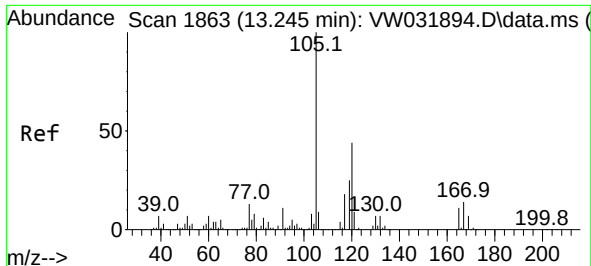


#80
 1,3,5-Trimethylbenzene
 Concen: 1.059 ug/l
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW031997.D
 Acq: 04 Aug 2025 13:34



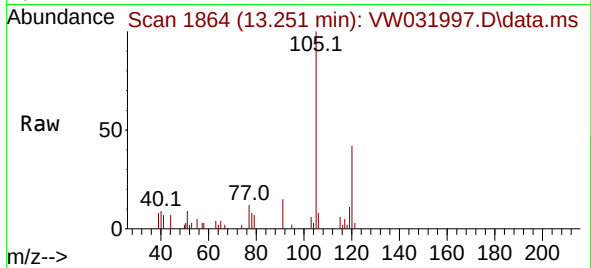
Tgt Ion:105 Resp: 2994
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.5 70.5





#84
1,2,4-Trimethylbenzene
Concen: 2.012 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW031997.D
Acq: 04 Aug 2025 13:34

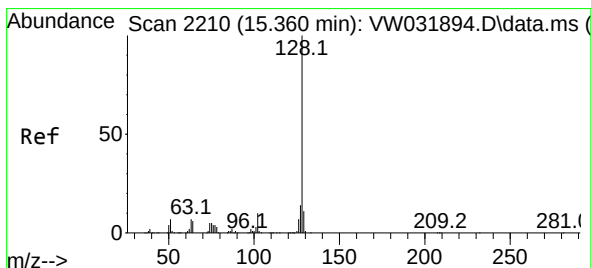
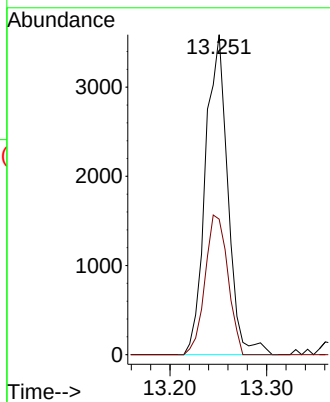
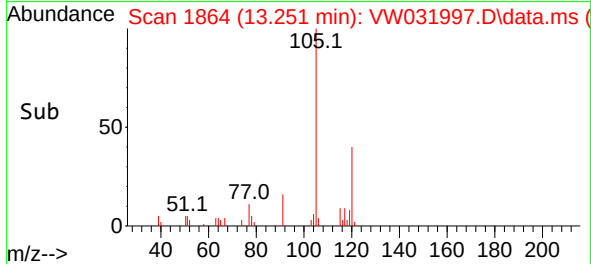
Instrument :
MSVOA_W
ClientSampleId :
VOC



Tgt Ion:105 Resp: 575
Ion Ratio Lower Upper
105 100
120 44.5 21.3 63.9

Manual Integrations
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Supervised By :Semsettin Yesilyurt 08/05/2025



#95
Naphthalene
Concen: 12.011 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031997.D
Acq: 04 Aug 2025 13:34

Tgt Ion:128 Resp: 23955
Ion Ratio Lower Upper
128 100
127 15.1 10.7 16.1
129 12.2 9.2 13.8

