

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
 Data File : VW031885.D
 Acq On : 17 Jul 2025 13:26
 Operator : SY/MD
 Sample : Q2635-01
 Misc : 5.22g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT2286

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/18/2025

Quant Time: Jul 18 02:52:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	5797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	10727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	9585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	3822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	4901	58.911	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	117.820%
35) Dibromofluoromethane	7.904	113	4038	57.687	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	115.380%
50) Toluene-d8	10.331	98	12569	48.251	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	96.500%
62) 4-Bromofluorobenzene	12.623	95	4548	47.444	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	94.880%
Target Compounds						
16) Acetone	4.173	43	979m	47.610	ug/l	Qvalue

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

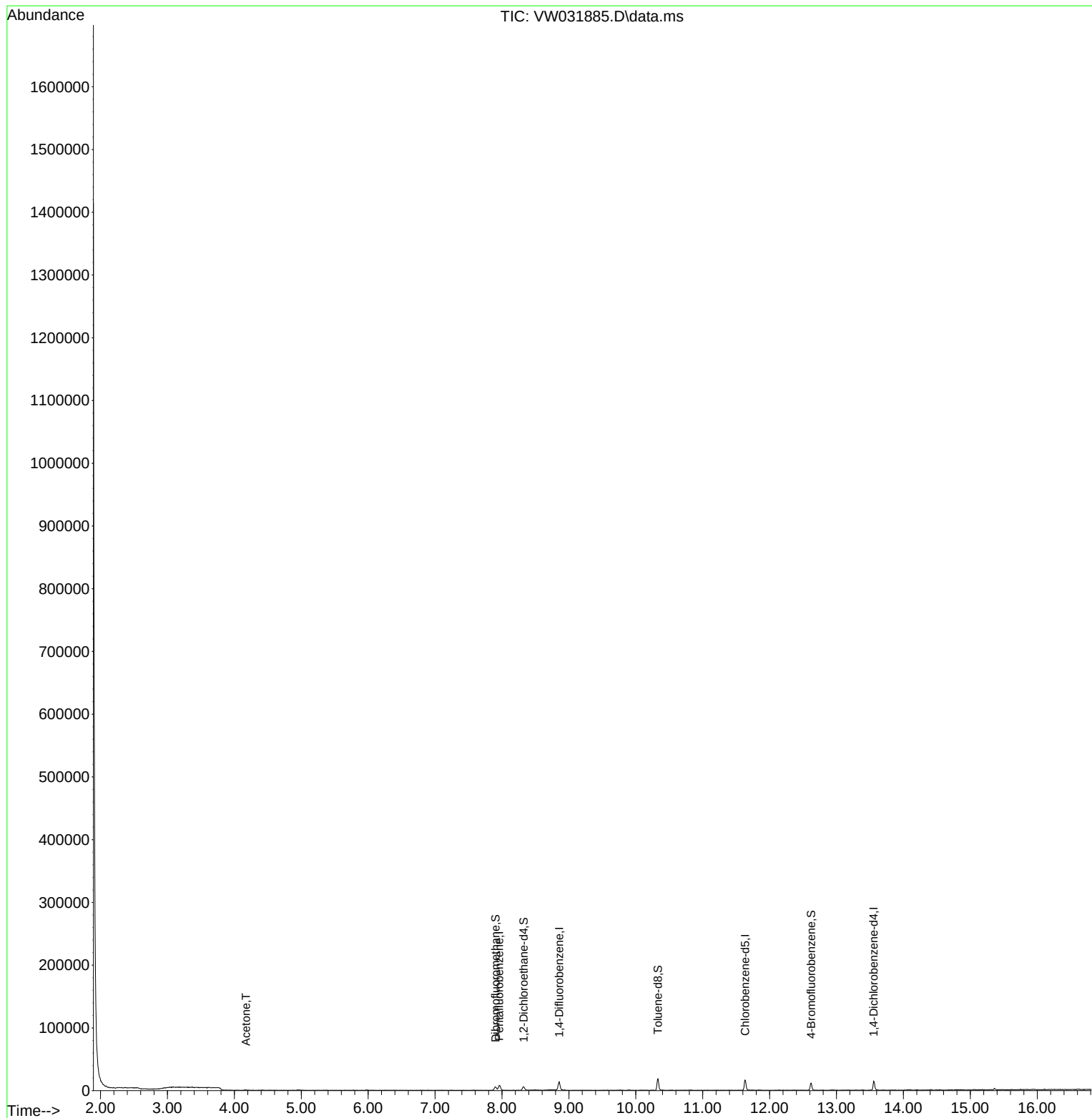
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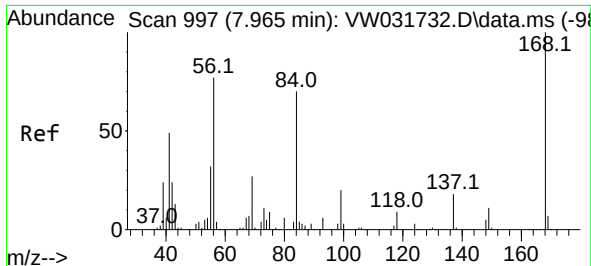
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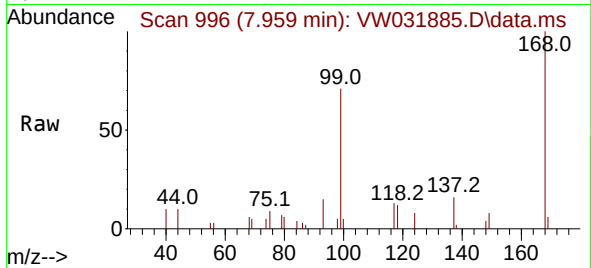
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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031885.D
Acq: 17 Jul 2025 13:26

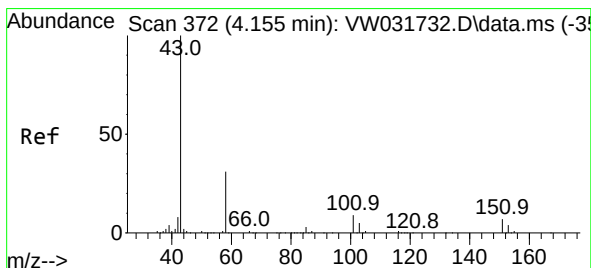
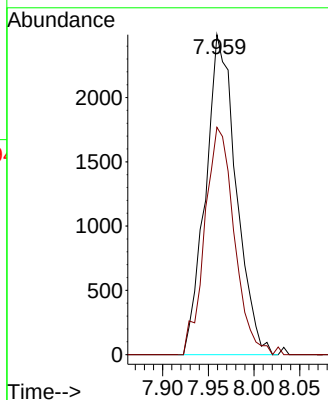
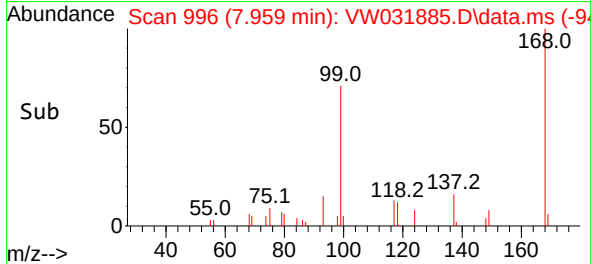
Instrument :
MSVOA_W
ClientSampleId :
RT2286



Tgt Ion:168 Resp: 579
Ion Ratio Lower Upper
168 100
99 71.0 49.4 74.2

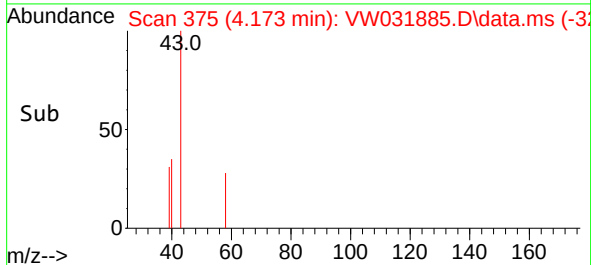
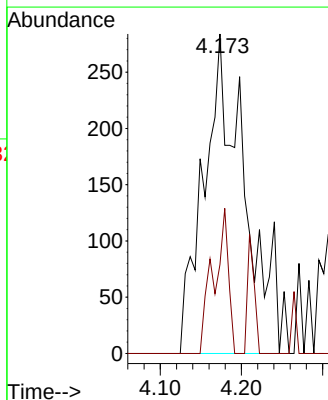
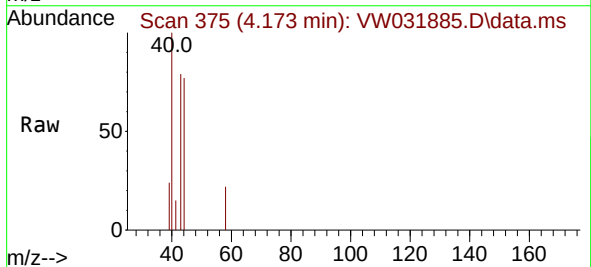
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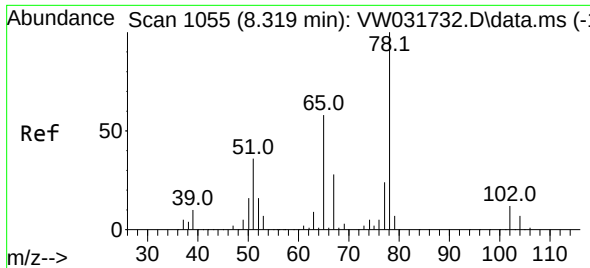
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/18/2025



#16
Acetone
Concen: 47.610 ug/l m
RT: 4.173 min Scan# 375
Delta R.T. 0.019 min
Lab File: VW031885.D
Acq: 17 Jul 2025 13:26

Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
58 27.8 24.8 37.2





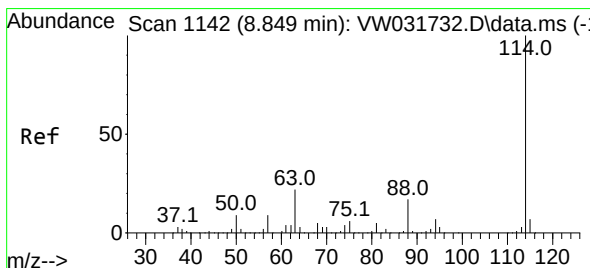
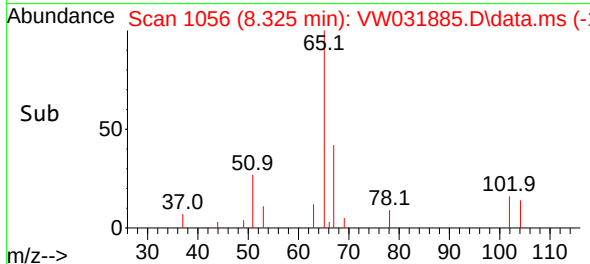
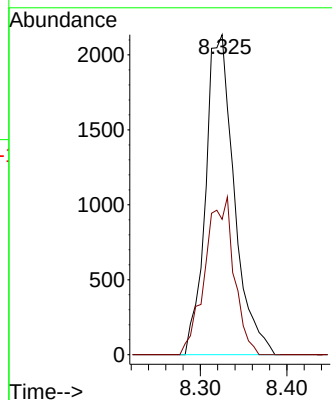
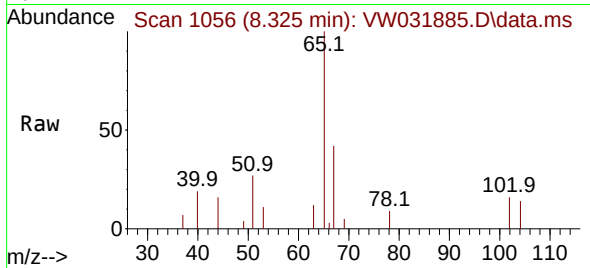
#33
1,2-Dichloroethane-d4
Concen: 58.911 ug/l
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031885.D
Acq: 17 Jul 2025 13:26

Instrument :
MSVOA_W
ClientSampleId :
RT2286

Tgt Ion: 65 Resp: 490
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.4

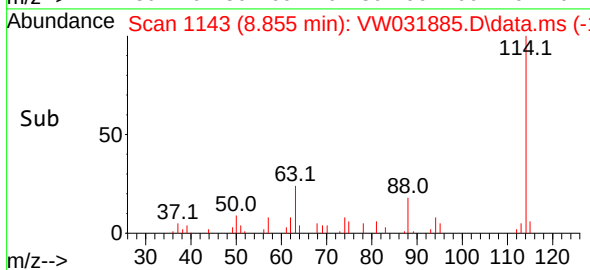
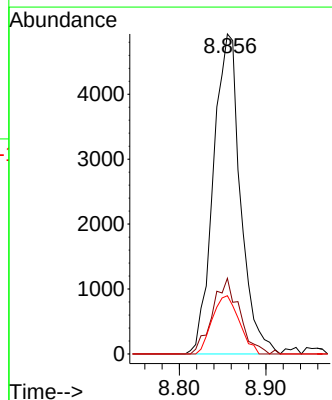
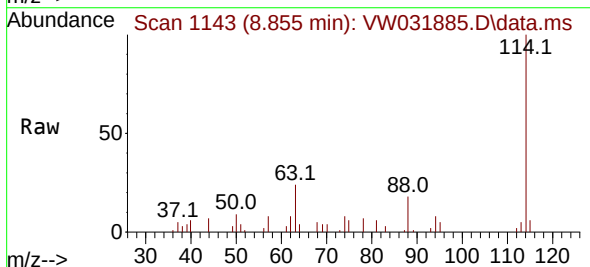
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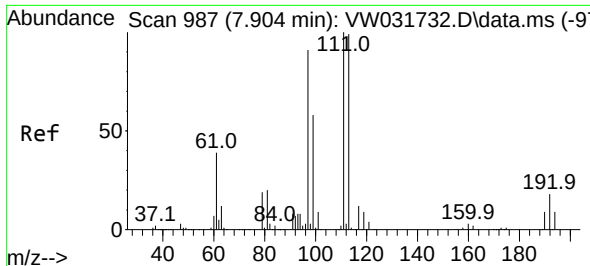
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Supervised By :Semsettin Yesilyurt 07/18/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031885.D
Acq: 17 Jul 2025 13:26

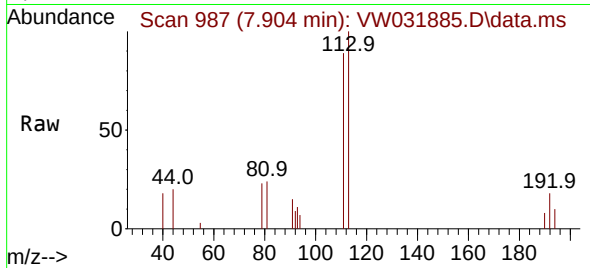
Tgt Ion:114 Resp: 10727
Ion Ratio Lower Upper
114 100
63 23.7 0.0 43.6
88 18.2 0.0 34.2





#35
Dibromofluoromethane
Concen: 57.687 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031885.D
Acq: 17 Jul 2025 13:26

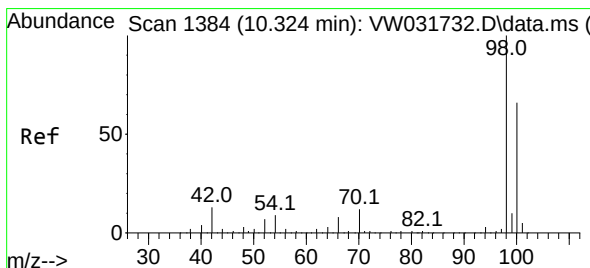
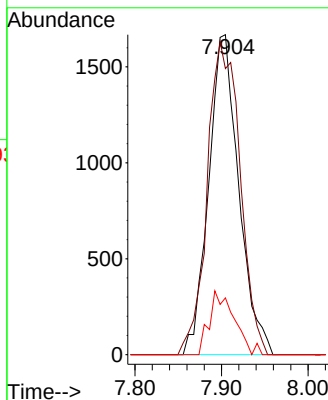
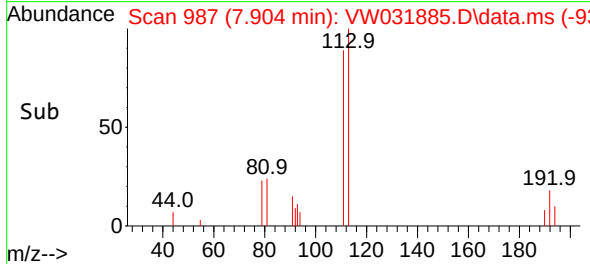
Instrument :
MSVOA_W
ClientSampleId :
RT2286



Tgt Ion:113 Resp: 4038
Ion Ratio Lower Upper
113 100
111 106.3 82.1 123.1
192 16.5 13.8 20.6

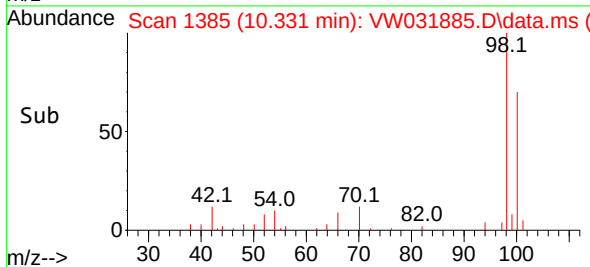
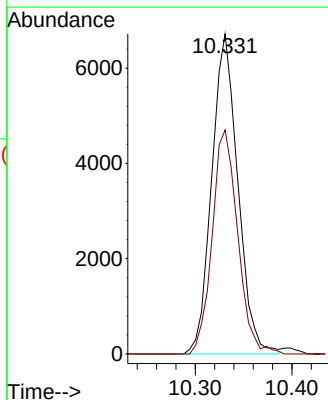
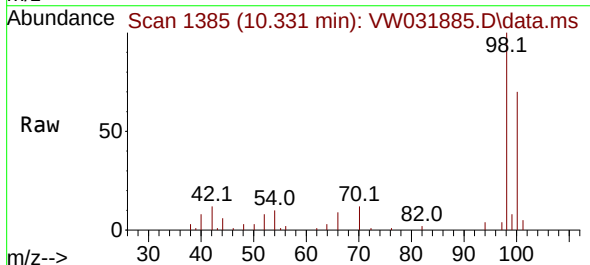
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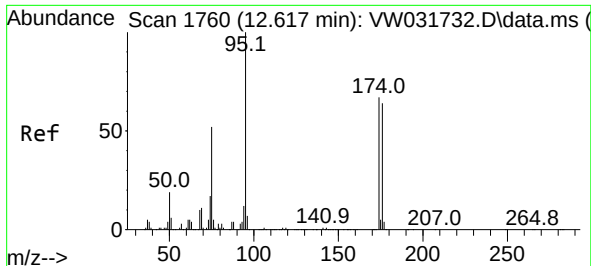
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#50
Toluene-d8
Concen: 48.251 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW031885.D
Acq: 17 Jul 2025 13:26

Tgt Ion: 98 Resp: 12569
Ion Ratio Lower Upper
98 100
100 68.5 53.0 79.4





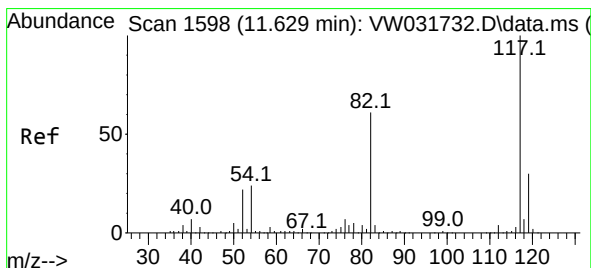
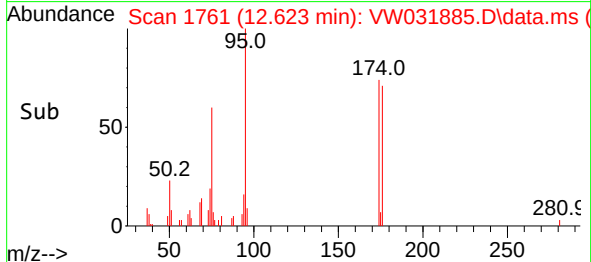
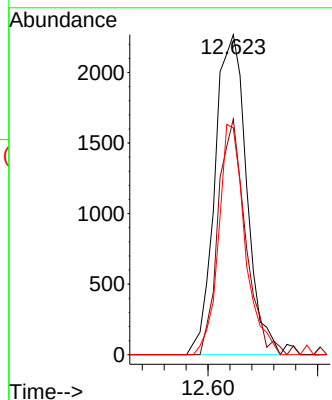
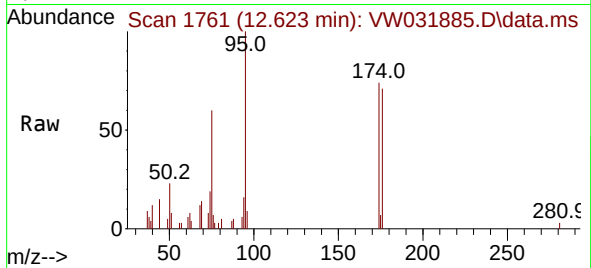
#62
4-Bromofluorobenzene
Concen: 47.444 ug/l
RT: 12.623 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VW031885.D
Acq: 17 Jul 2025 13:26

Instrument :
MSVOA_W
ClientSampleId :
RT2286

Tgt Ion: 95 Resp: 4548
Ion Ratio Lower Upper
95 100
174 63.7 0.0 133.8
176 60.1 0.0 126.0

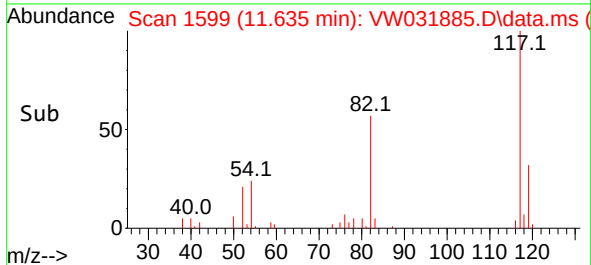
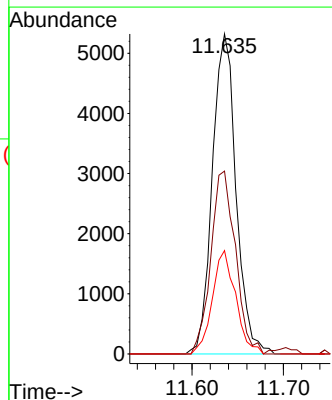
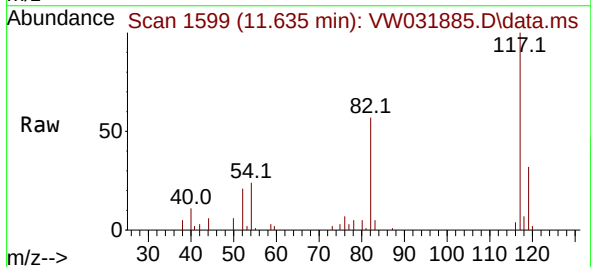
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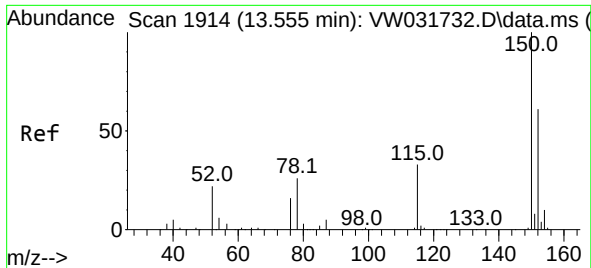
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/18/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031885.D
Acq: 17 Jul 2025 13:26

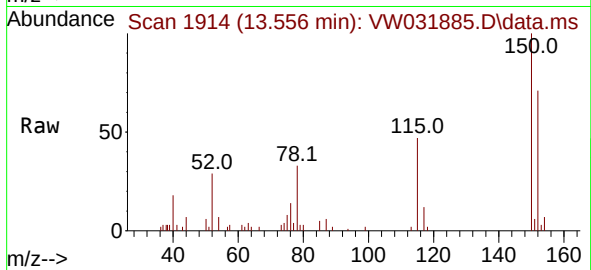
Tgt Ion:117 Resp: 9585
Ion Ratio Lower Upper
117 100
82 57.2 48.6 72.8
119 32.3 23.9 35.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031885.D
 Acq: 17 Jul 2025 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 RT2286



Tgt Ion:152 Resp: 382
 Ion Ratio Lower Upper
 152 100
 115 69.6 31.9 95.7
 150 153.2 0.0 356.4

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