

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032085.D
 Acq On : 14 Aug 2025 12:02
 Operator : SY/MD
 Sample : Q2820-02
 Misc : 7.92g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 82H-W

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/19/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 03:49:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	150560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	312304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	317114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	149119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	126653	58.164	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery	=	116.320%	
35) Dibromofluoromethane	7.904	113	111867	55.445	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery	=	110.900%	
50) Toluene-d8	10.325	98	379321	50.830	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery	=	101.660%	
62) 4-Bromofluorobenzene	12.617	95	141794	51.561	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery	=	103.120%	
Target Compounds						Qvalue
16) Acetone	4.161	43	20268	40.202	ug/l #	87
17) Carbon Disulfide	4.423	76	14117	2.880	ug/l	97
20) Methylene Chloride	4.960	84	14087m	6.043	ug/l	
25) 2-Butanone	7.203	43	3815	5.324	ug/l #	86

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

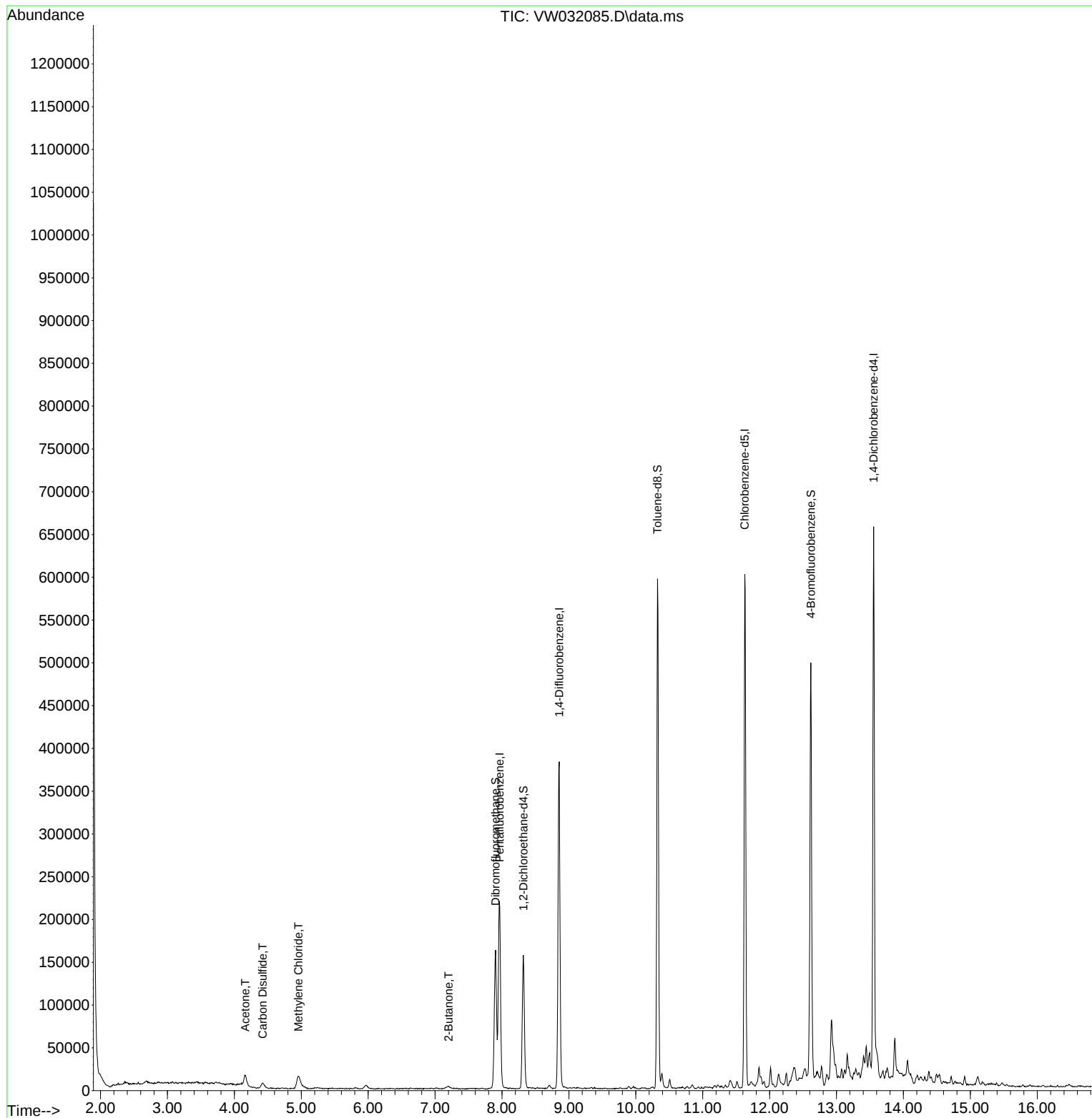
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
Data File : VW032085.D
Acq On : 14 Aug 2025 12:02
Operator : SY/MD
Sample : Q2820-02
Misc : 7.92g/5mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

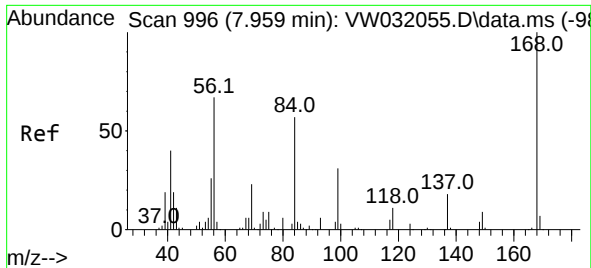
Instrument :
MSVOA_W
ClientSampleId :
82H-W

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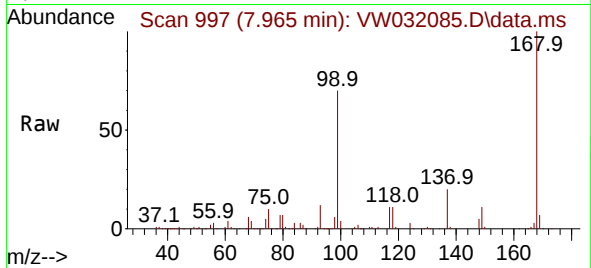
Quant Time: Aug 18 03:49:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032085.D
Acq: 14 Aug 2025 12:02

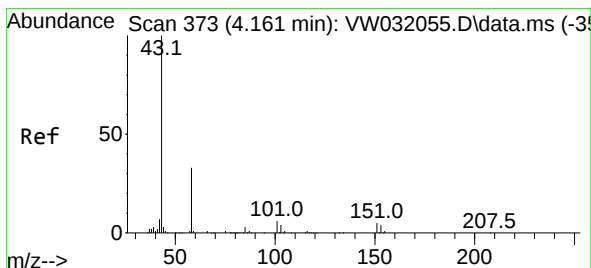
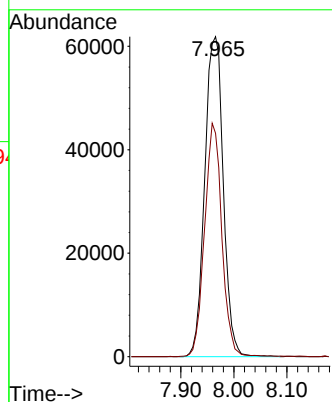
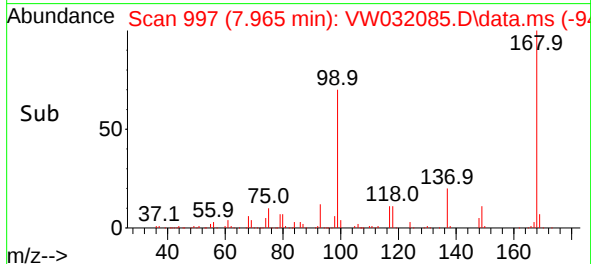
Instrument :
MSVOA_W
ClientSampleId :
82H-W



Tgt Ion:168 Resp: 150560
Ion Ratio Lower Upper
168 100
99 69.7 56.0 84.0

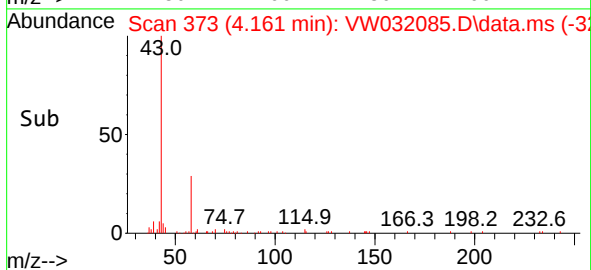
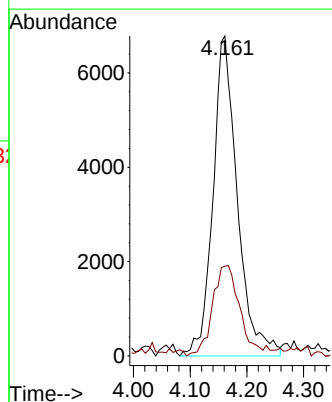
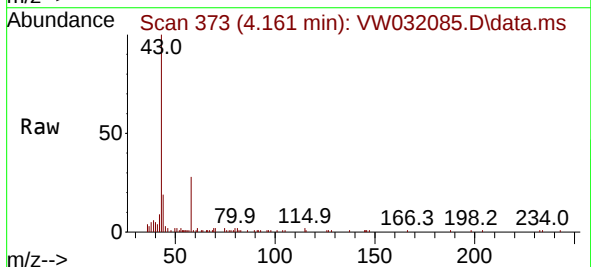
Manual Integrations
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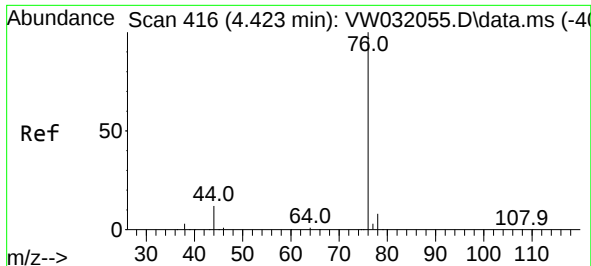
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#16
Acetone
Concen: 40.202 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032085.D
Acq: 14 Aug 2025 12:02

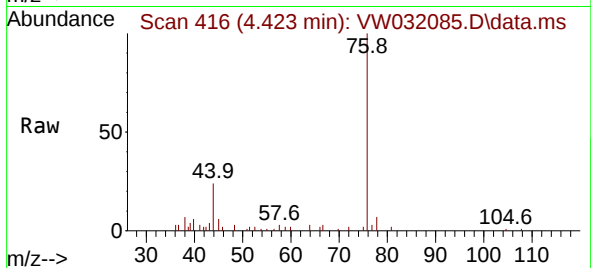
Tgt Ion: 43 Resp: 20268
Ion Ratio Lower Upper
43 100
58 26.1 26.6 39.8#





#17
Carbon Disulfide
Concen: 2.880 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032085.D
Acq: 14 Aug 2025 12:02

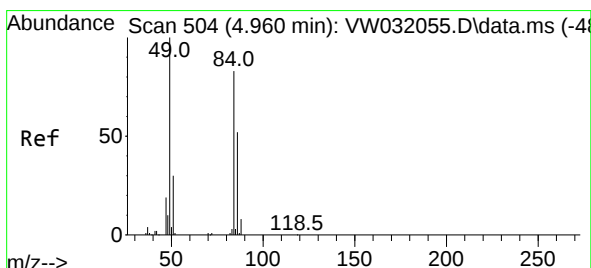
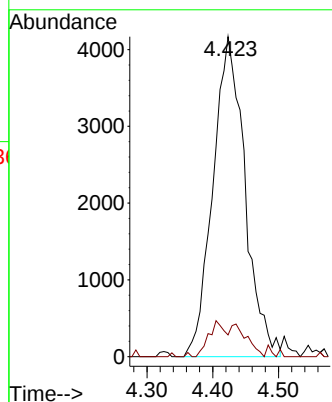
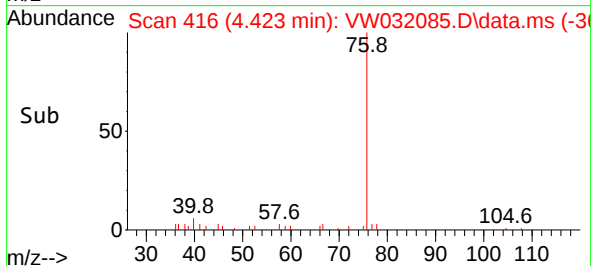
Instrument :
MSVOA_W
ClientSampleId :
82H-W



Tgt Ion: 76 Resp: 1411
Ion Ratio Lower Upper
76 100
78 6.8 6.4 9.6

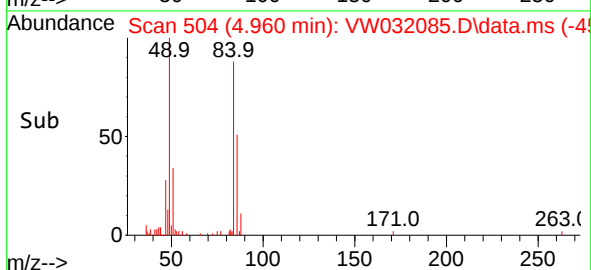
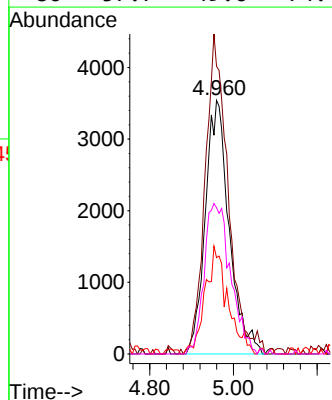
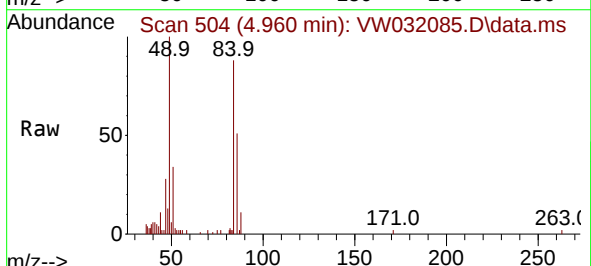
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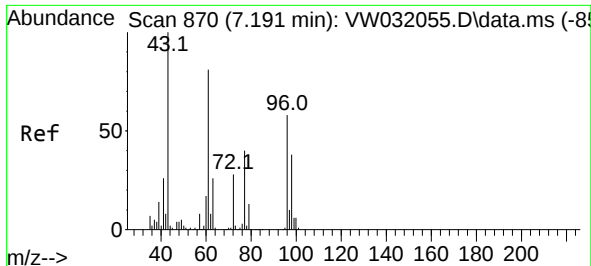
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 6.043 ug/l m
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032085.D
Acq: 14 Aug 2025 12:02

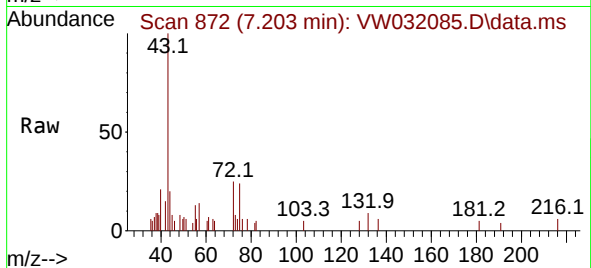
Tgt Ion: 84 Resp: 14087
Ion Ratio Lower Upper
84 100
49 113.4 95.9 143.9
51 38.0 28.6 43.0
86 57.7 49.6 74.4





#25
2-Butanone
Concen: 5.324 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW032085.D
Acq: 14 Aug 2025 12:02

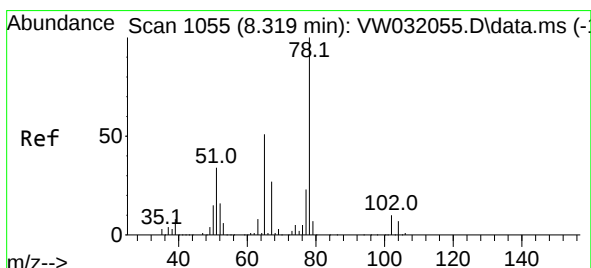
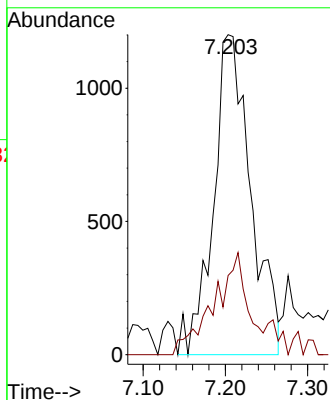
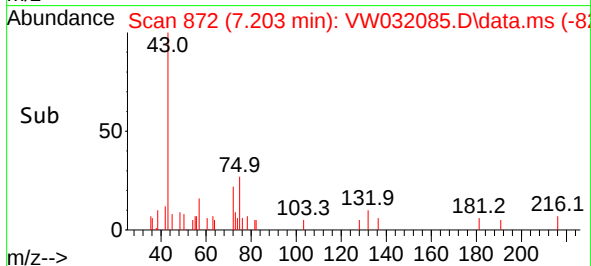
Instrument :
MSVOA_W
ClientSampleId :
82H-W



Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
72 20.5 22.3 33.5

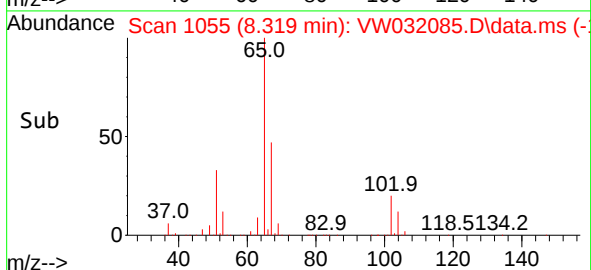
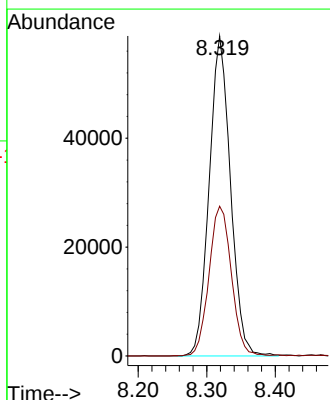
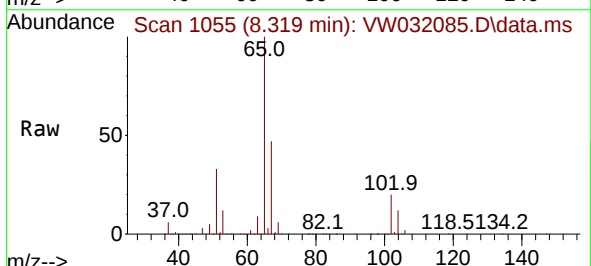
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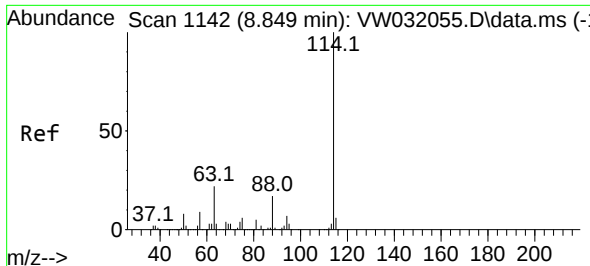
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#33
1,2-Dichloroethane-d4
Concen: 58.164 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032085.D
Acq: 14 Aug 2025 12:02

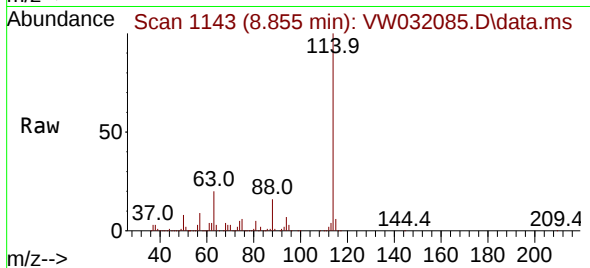
Tgt Ion: 65 Resp: 126653
Ion Ratio Lower Upper
65 100
67 49.3 0.0 102.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW032085.D
Acq: 14 Aug 2025 12:02

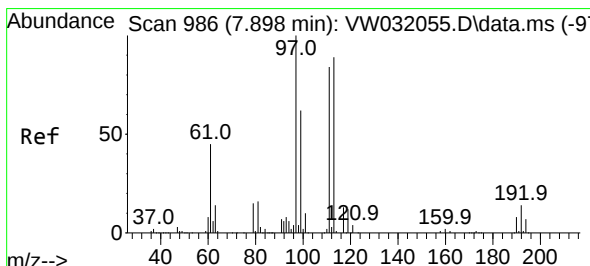
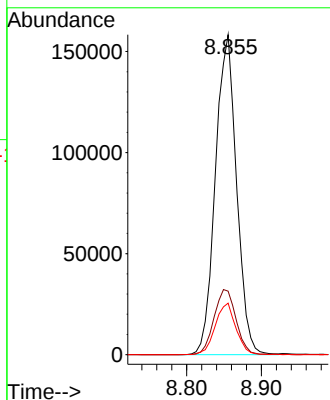
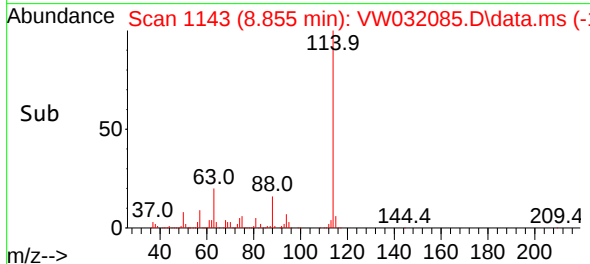
Instrument :
MSVOA_W
ClientSampleId :
82H-W



Tgt Ion:114 Resp: 312304
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.0
88 16.1 0.0 33.8

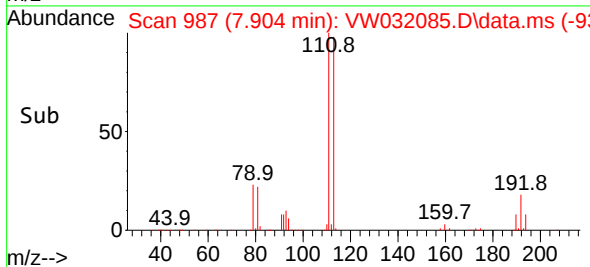
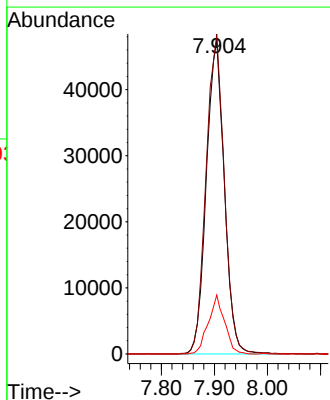
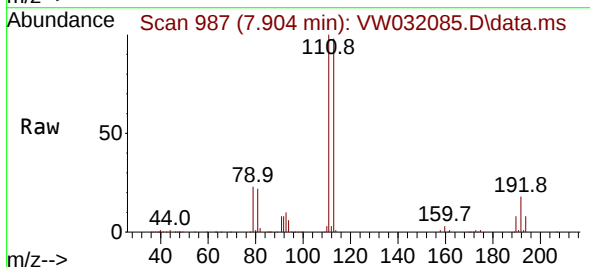
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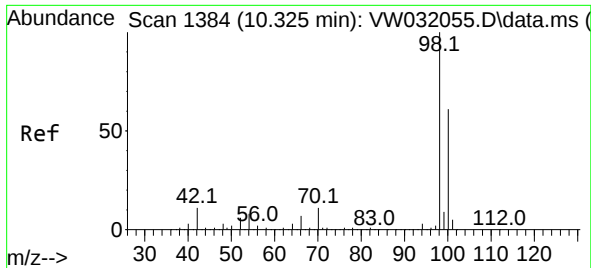
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#35
Dibromofluoromethane
Concen: 55.445 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.006 min
Lab File: VW032085.D
Acq: 14 Aug 2025 12:02

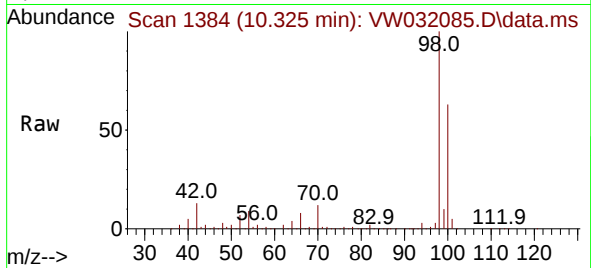
Tgt Ion:113 Resp: 111867
Ion Ratio Lower Upper
113 100
111 103.5 80.1 120.1
192 17.0 13.1 19.7





#50
Toluene-d8
Concen: 50.830 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032085.D
Acq: 14 Aug 2025 12:02

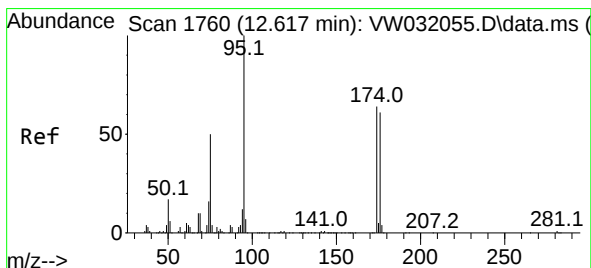
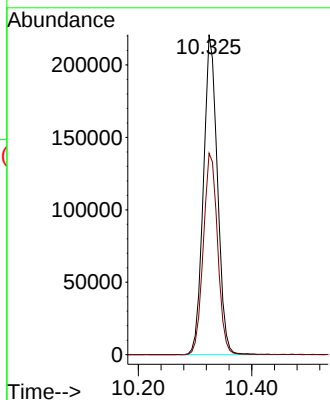
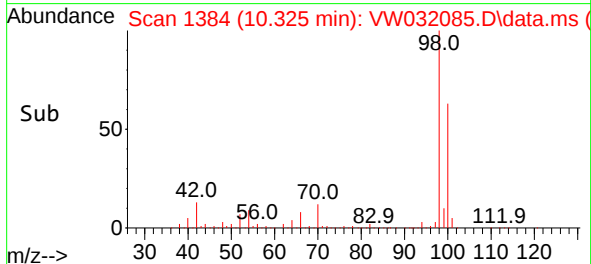
Instrument :
MSVOA_W
ClientSampleId :
82H-W



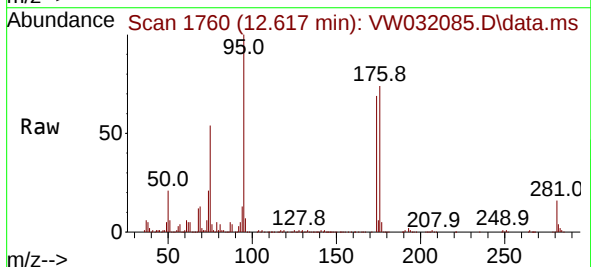
Tgt Ion: 98 Resp: 37932
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7

Manual Integrations
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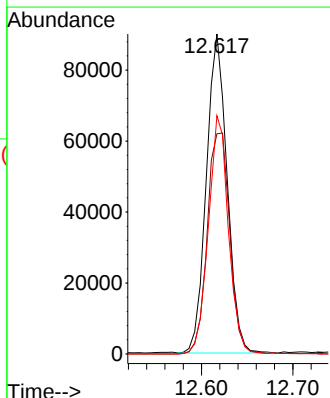
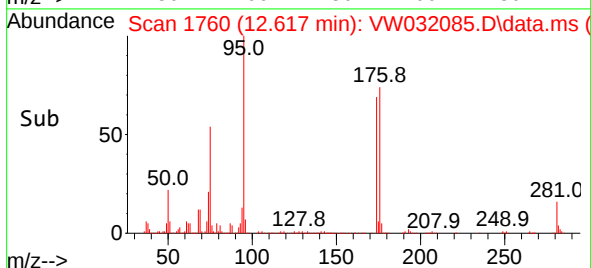
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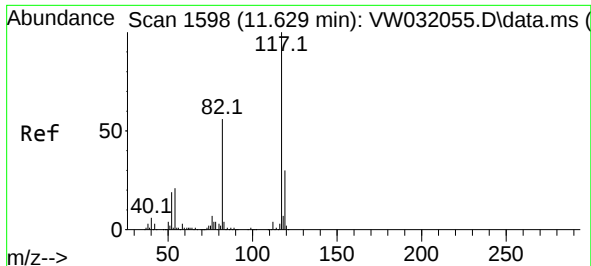


#62
4-Bromofluorobenzene
Concen: 51.561 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032085.D
Acq: 14 Aug 2025 12:02



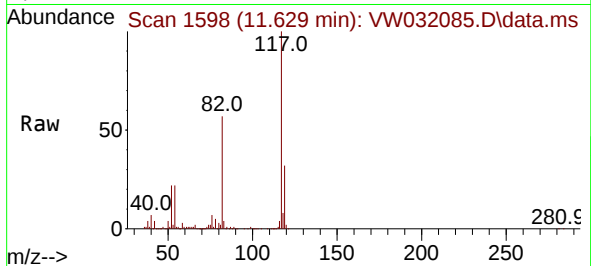
Tgt Ion: 95 Resp: 141794
Ion Ratio Lower Upper
95 100
174 75.7 0.0 129.0
176 72.2 0.0 124.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032085.D
Acq: 14 Aug 2025 12:02

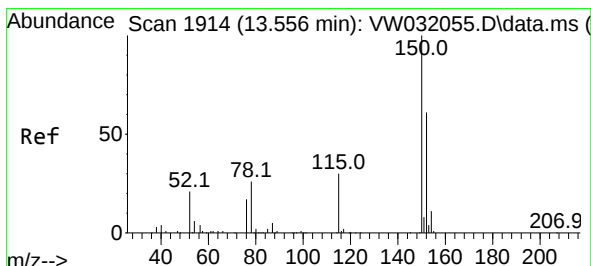
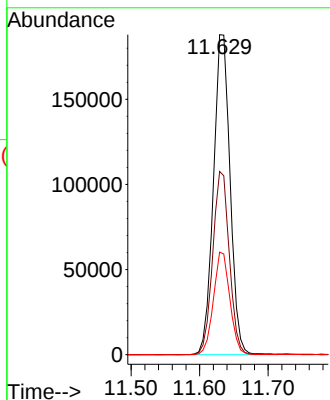
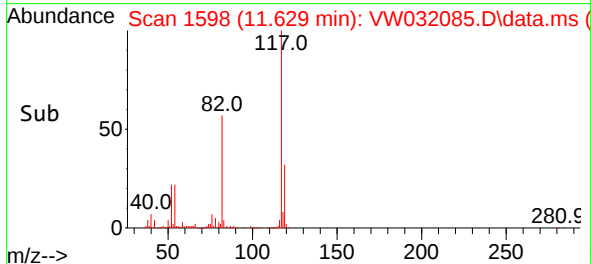
Instrument :
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82H-W



Tgt Ion:117 Resp: 317114
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.4
119 32.0 24.2 36.4

Manual Integrations
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Supervised By :Mahesh Dadoda 08/19/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032085.D
Acq: 14 Aug 2025 12:02

Tgt Ion:152 Resp: 149119
Ion Ratio Lower Upper
152 100
115 65.9 32.6 97.8
150 169.6 0.0 359.4

