

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032554.D
 Acq On : 26 Nov 2025 19:01
 Operator : SY/MD
 Sample : Q3721-01
 Misc : 6.52g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-2-112525

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
 Supervised By :Mahesh Dadoda 12/01/2025

Quant Time: Nov 27 00:32:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	181732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	457892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	555831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	282890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	171962	73.395	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 146.800%			
35) Dibromofluoromethane	7.904	113	148348	54.112	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 108.220%			
50) Toluene-d8	10.325	98	503111	47.836	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 95.680%			
62) 4-Bromofluorobenzene	12.617	95	260347	65.528	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 131.060%			
Target Compounds						
11) Tert butyl alcohol	5.216	59	6842	33.772	ug/l #	94
69) o-Xylene	12.166	106	57803	7.757	ug/l	96
80) 1,3,5-Trimethylbenzene	12.940	105	353838	20.643	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	18754	1.076	ug/l	96
85) sec-Butylbenzene	13.379	105	52366	2.358	ug/l	94
86) p-Isopropyltoluene	13.495	119	102255	5.577	ug/l	100
89) n-Butylbenzene	13.806	91	34023m	1.899	ug/l	

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

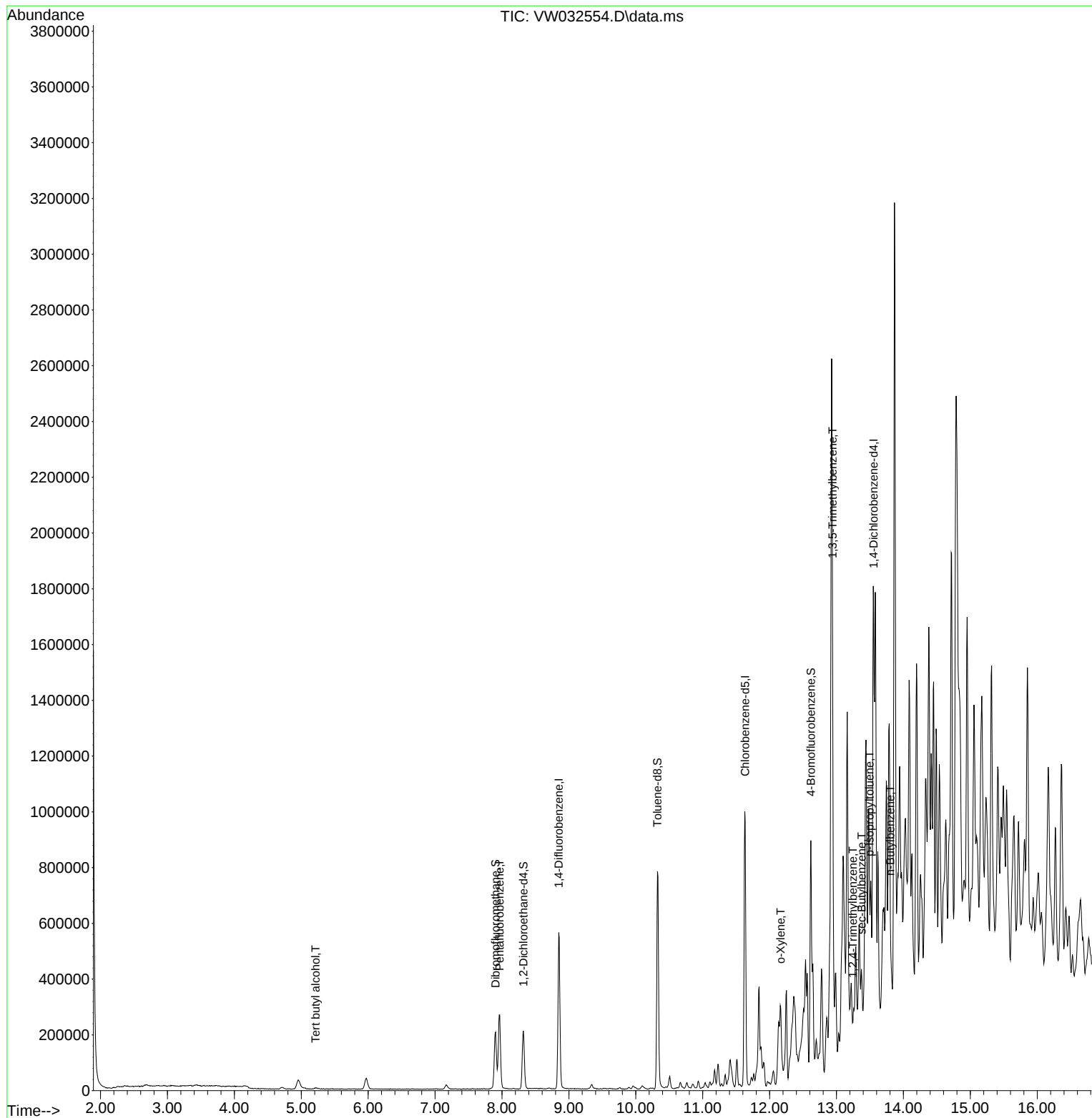
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
Data File : VW032554.D
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Sample : Q3721-01
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ALS Vial : 20 Sample Multiplier: 1

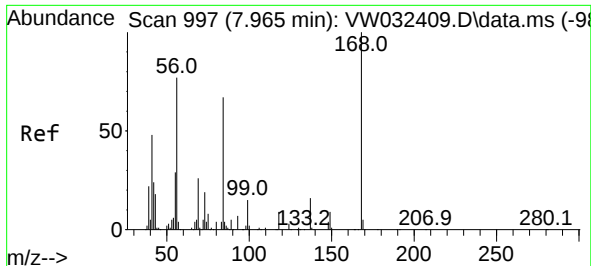
Instrument :
MSVOA_W
ClientSampleId :
EO-2-112525

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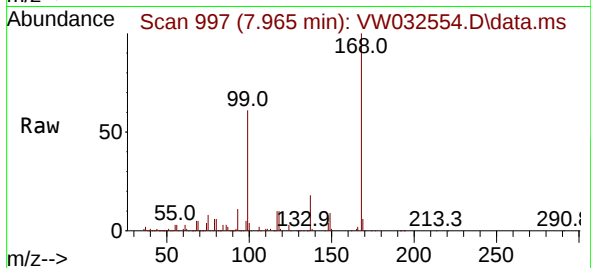
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032554.D
Acq: 26 Nov 2025 19:01

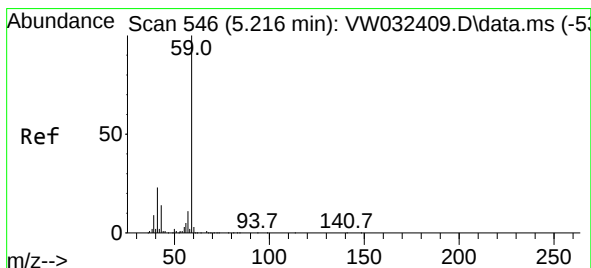
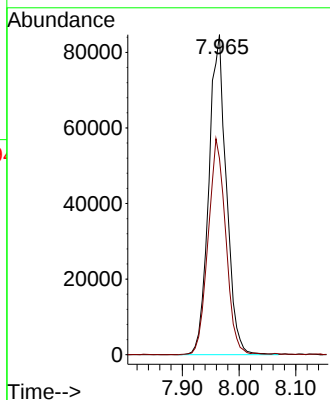
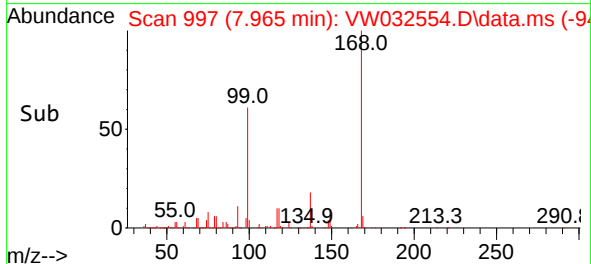
Instrument :
MSVOA_W
ClientSampleId :
EO-2-112525



Tgt Ion:168 Resp: 181732
Ion Ratio Lower Upper
168 100
99 61.3 45.4 68.2

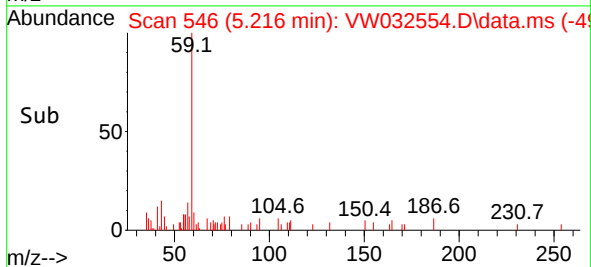
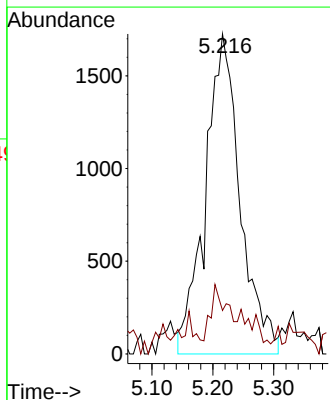
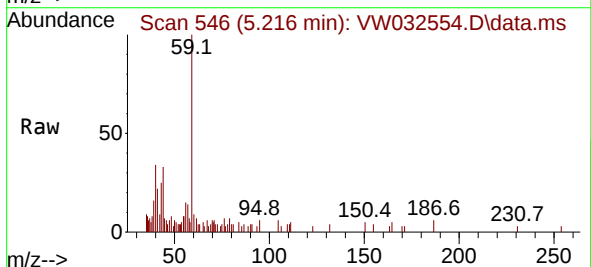
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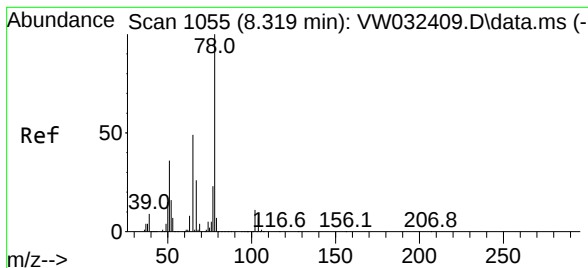
Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#11
Tert butyl alcohol
Concen: 33.772 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032554.D
Acq: 26 Nov 2025 19:01

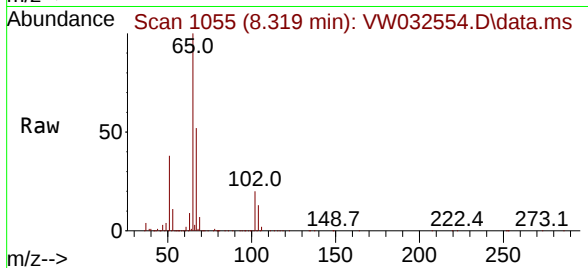
Tgt Ion: 59 Resp: 6842
Ion Ratio Lower Upper
59 100
57 8.3 8.6 12.8#





#33
1,2-Dichloroethane-d4
Concen: 73.395 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032554.D
Acq: 26 Nov 2025 19:01

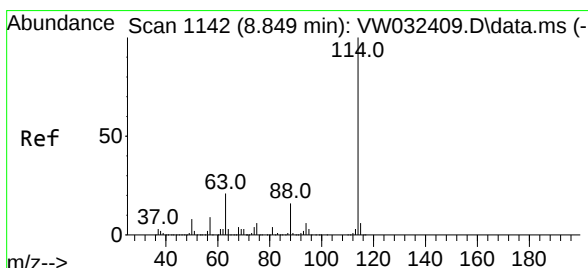
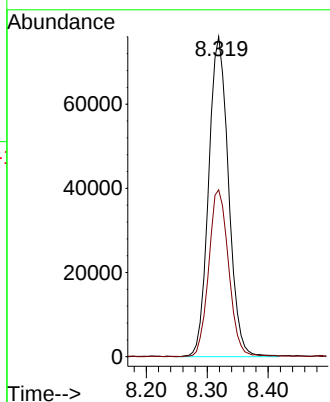
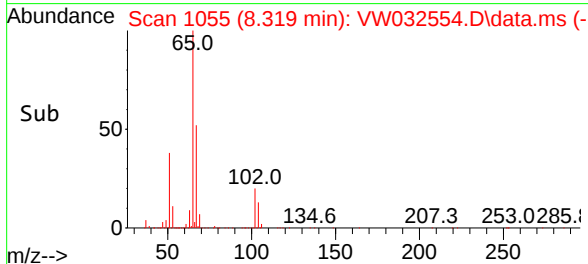
Instrument :
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ClientSampleId :
EO-2-112525



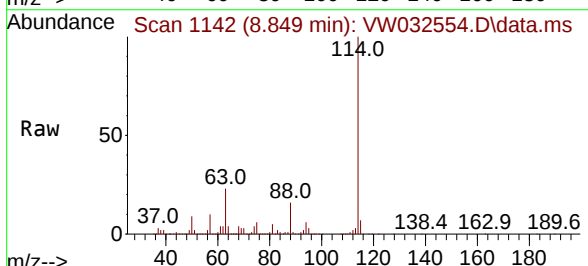
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Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.8

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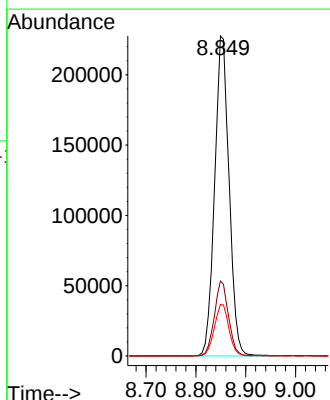
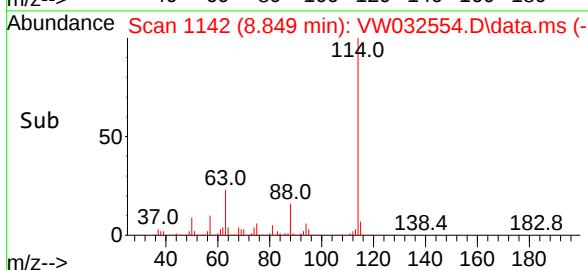
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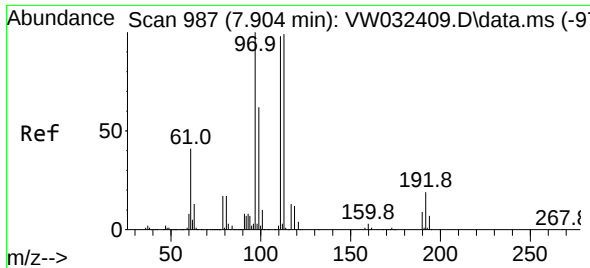


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032554.D
Acq: 26 Nov 2025 19:01



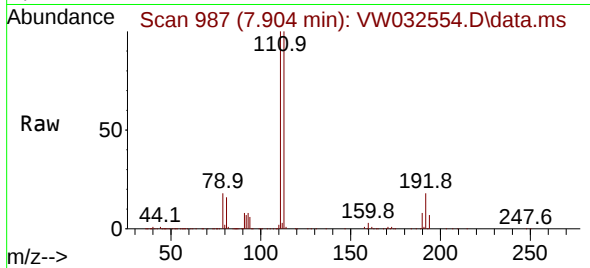
Tgt Ion:114 Resp: 457892
Ion Ratio Lower Upper
114 100
63 23.3 0.0 41.8
88 16.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 54.112 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032554.D
Acq: 26 Nov 2025 19:01

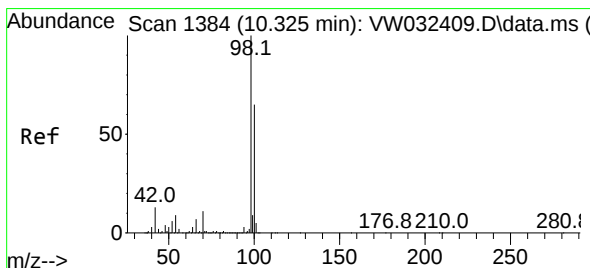
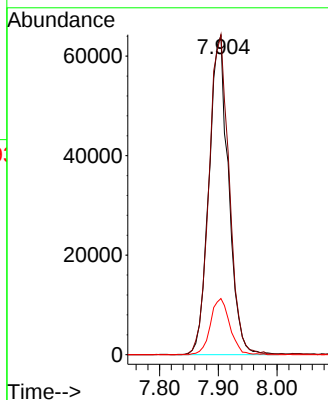
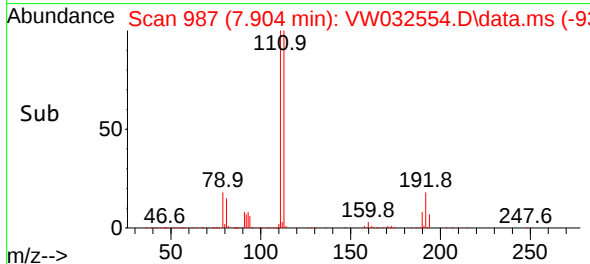
Instrument :
MSVOA_W
ClientSampleId :
EO-2-112525



Tgt Ion:113 Resp: 148348
Ion Ratio Lower Upper
113 100
111 103.5 83.1 124.7
192 17.4 13.4 20.2

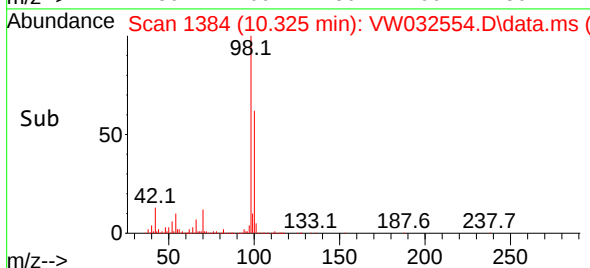
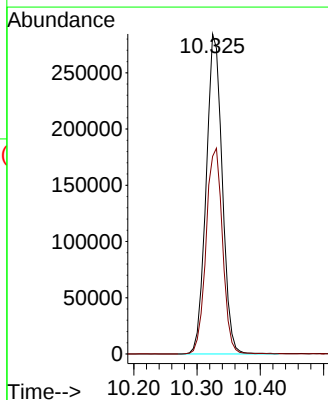
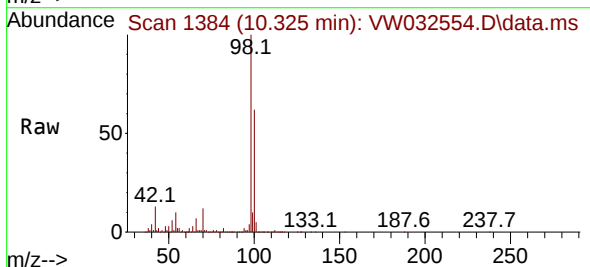
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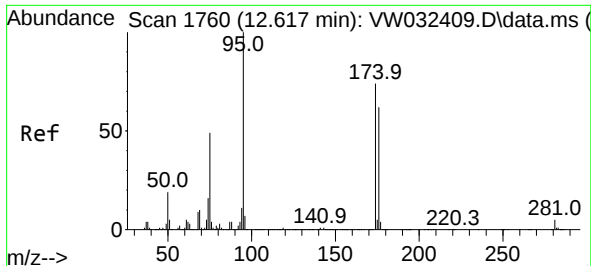
Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#50
Toluene-d8
Concen: 47.836 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032554.D
Acq: 26 Nov 2025 19:01

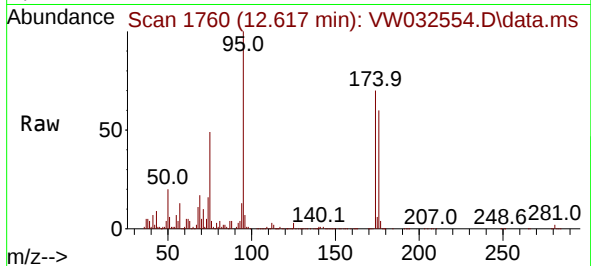
Tgt Ion: 98 Resp: 503111
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9





#62
4-Bromofluorobenzene
Concen: 65.528 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032554.D
Acq: 26 Nov 2025 19:01

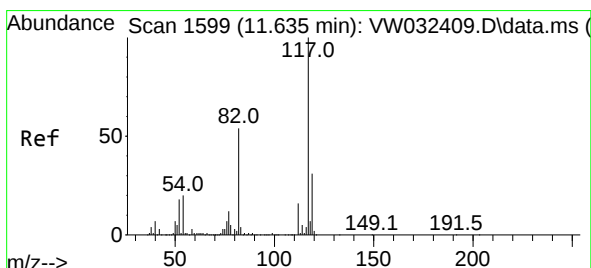
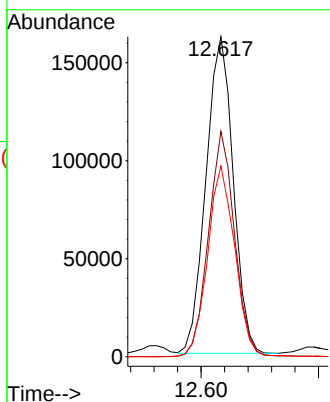
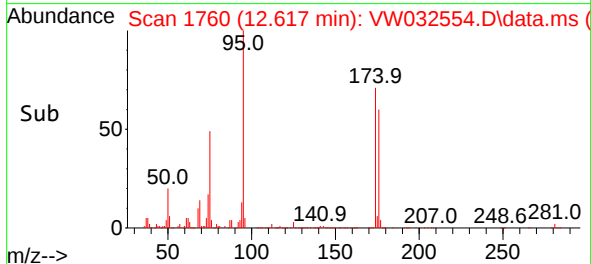
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EO-2-112525



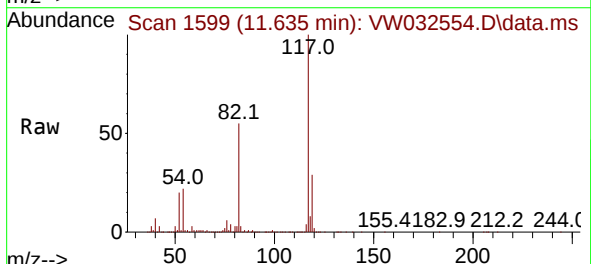
Tgt Ion: 95 Resp: 26034
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.4
176 60.3 0.0 131.8

Manual Integrations
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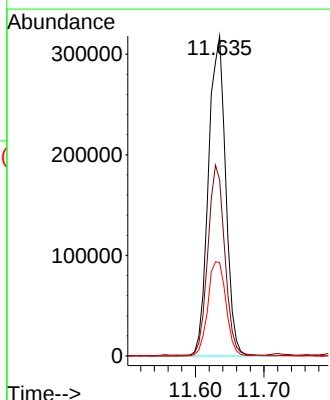
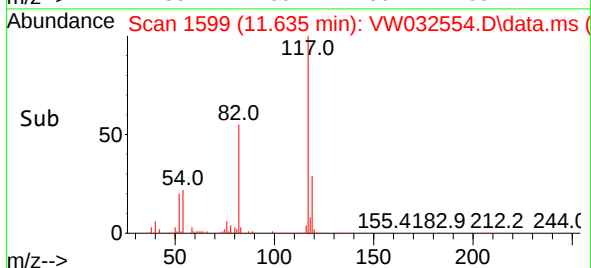
Reviewed By :Semsettin Yesilyurt 12/01/2025
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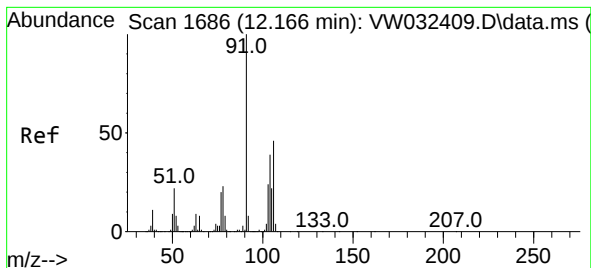


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW032554.D
Acq: 26 Nov 2025 19:01



Tgt Ion:117 Resp: 555831
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 29.2 25.0 37.6





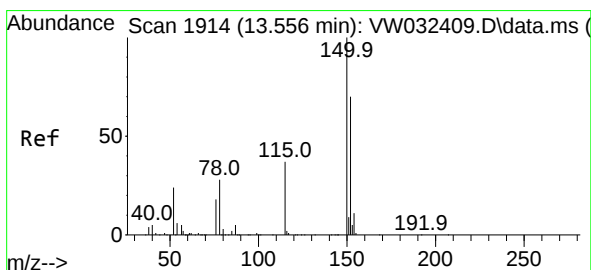
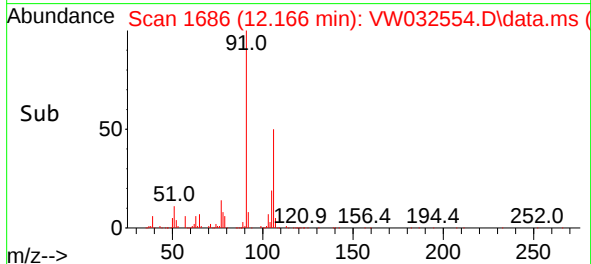
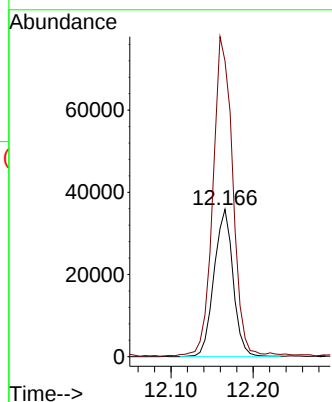
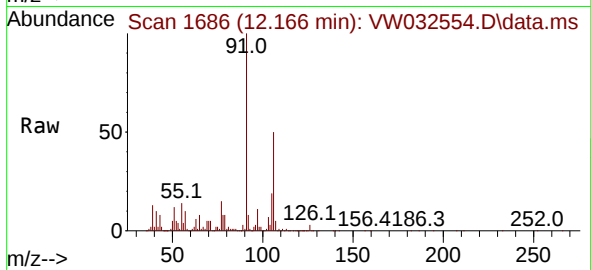
#69
o-Xylene
Concen: 7.757 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032554.D
Acq: 26 Nov 2025 19:01

Instrument :
MSVOA_W
ClientSampleId :
EO-2-112525

Tgt Ion:106 Resp: 5780
Ion Ratio Lower Upper
106 100
91 224.3 109.3 327.8

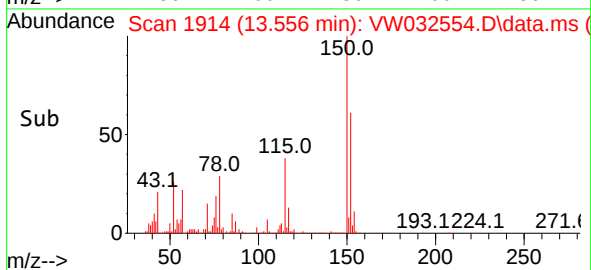
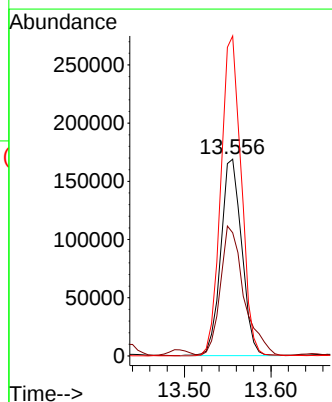
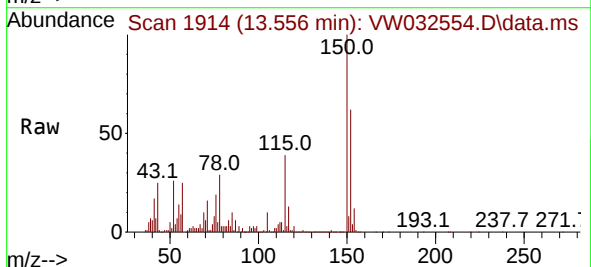
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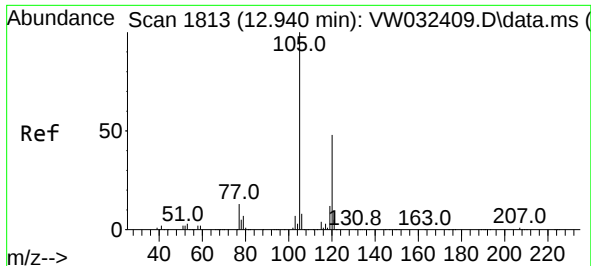
Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032554.D
Acq: 26 Nov 2025 19:01

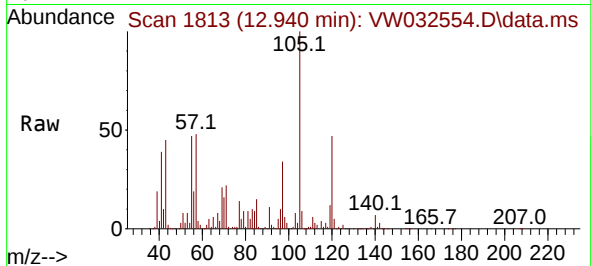
Tgt Ion:152 Resp: 282890
Ion Ratio Lower Upper
152 100
115 74.3 32.8 98.3
150 158.9 0.0 356.6





#80
1,3,5-Trimethylbenzene
Concen: 20.643 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032554.D
Acq: 26 Nov 2025 19:01

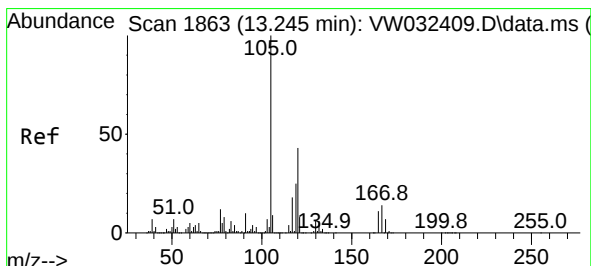
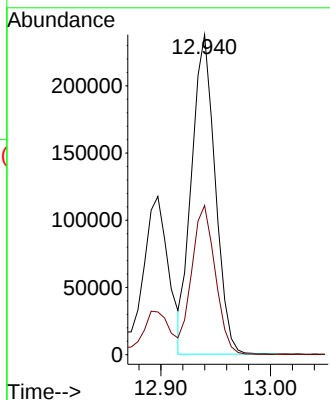
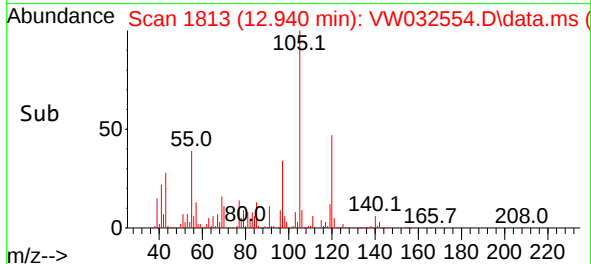
Instrument :
MSVOA_W
ClientSampleId :
EO-2-112525



Tgt Ion:105 Resp: 353838
Ion Ratio Lower Upper
105 100
120 46.7 24.2 72.6

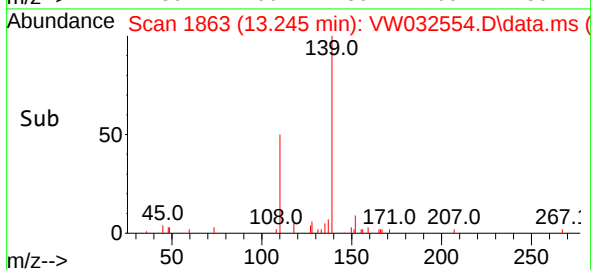
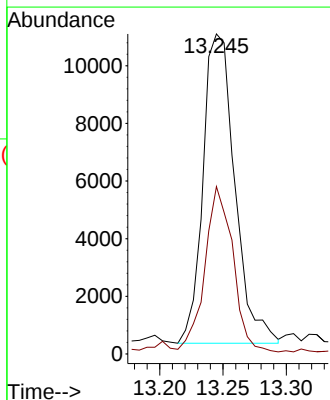
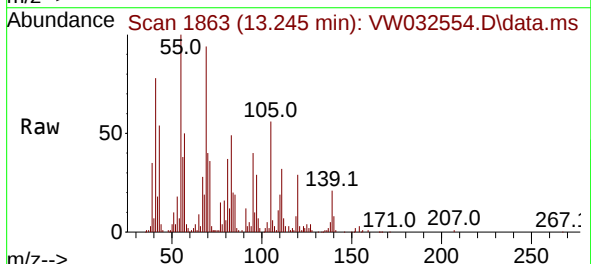
Manual Integrations
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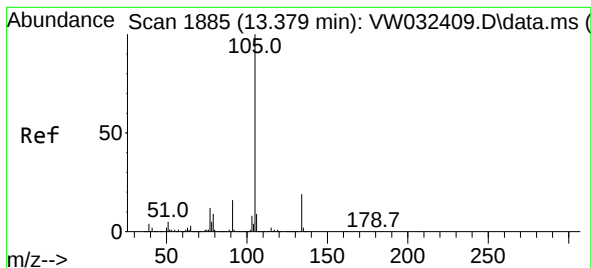
Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/01/2025



#84
1,2,4-Trimethylbenzene
Concen: 1.076 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032554.D
Acq: 26 Nov 2025 19:01

Tgt Ion:105 Resp: 18754
Ion Ratio Lower Upper
105 100
120 47.1 22.1 66.5





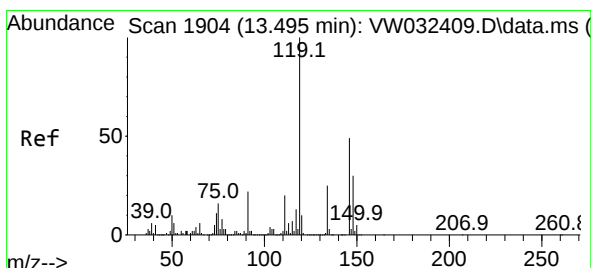
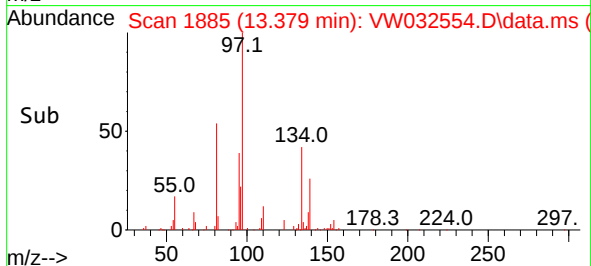
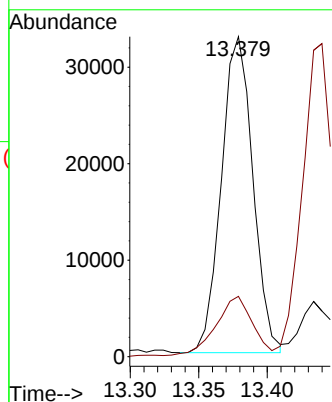
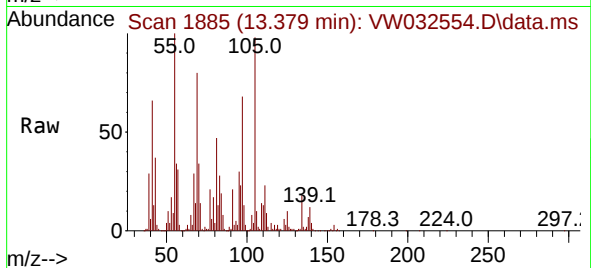
#85
 sec-Butylbenzene
 Concen: 2.358 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW032554.D
 Acq: 26 Nov 2025 19:01

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-2-112525

Tgt Ion:105 Resp: 52360
 Ion Ratio Lower Upper
 105 100
 134 22.3 9.8 29.3

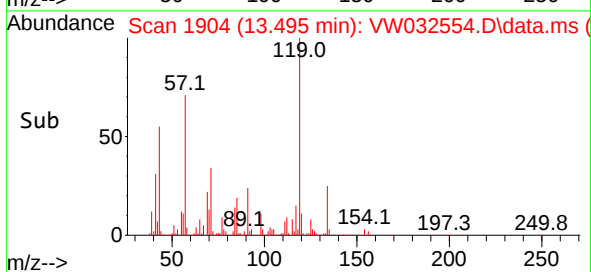
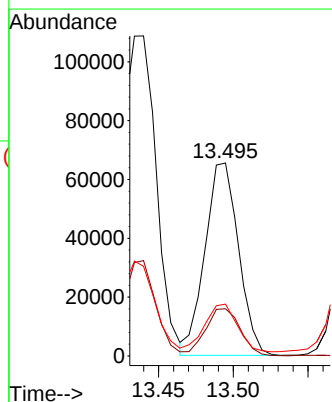
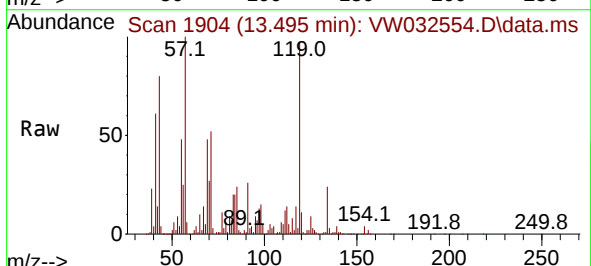
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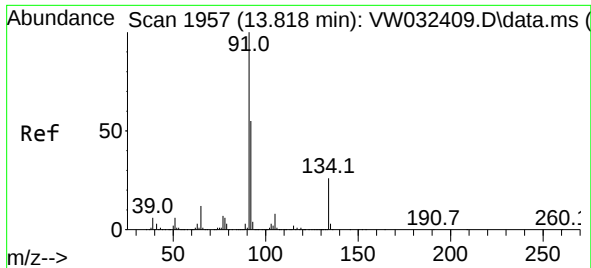
Reviewed By :Semsettin Yesilyurt 12/01/2025
 Supervised By :Mahesh Dadoda 12/01/2025



#86
 p-Isopropyltoluene
 Concen: 5.577 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032554.D
 Acq: 26 Nov 2025 19:01

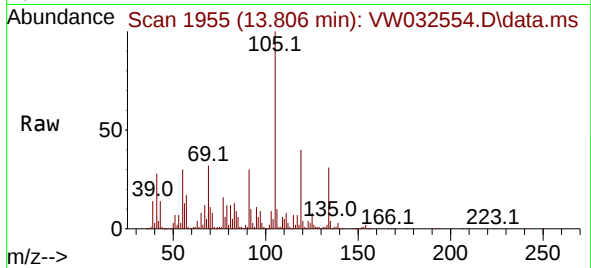
Tgt Ion:119 Resp: 102255
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.1 11.9 35.5





#89
 n-Butylbenzene
 Concen: 1.899 ug/l m
 RT: 13.806 min Scan# 1955
 Delta R.T. -0.012 min
 Lab File: VW032554.D
 Acq: 26 Nov 2025 19:01

Instrument : MSVOA_W
 ClientSampleId : EO-2-112525



Tgt Ion: 91 Resp: 3402

Ion	Ratio	Lower	Upper
91	100		
92	27.2	27.4	82.2
134	600.1	12.4	37.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
 Supervised By :Mahesh Dadoda 12/01/2025

