

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041825\
 Data File : VL042391.D
 Acq On : 18 Apr 2025 14:45
 Operator : SY/MD
 Sample : Q1726-05DL2 100X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-1-03312025DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

Quant Time: Apr 18 22:59:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	125703	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	390416	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	327579	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	273896	10.175	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%
Target Compounds						
13) Ethanol	1.722	45	3027	1.977	ppbv #	24
15) Acetone	1.835	43	104075	5.058	ppbv	99
19) Isopropyl Alcohol	1.890	45	3377	0.295	ppbv #	1
53) Toluene	6.936	91	9781m	0.194	ppbv	
59) m/p-Xylene	9.529	91	6487m	0.124	ppbv	

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

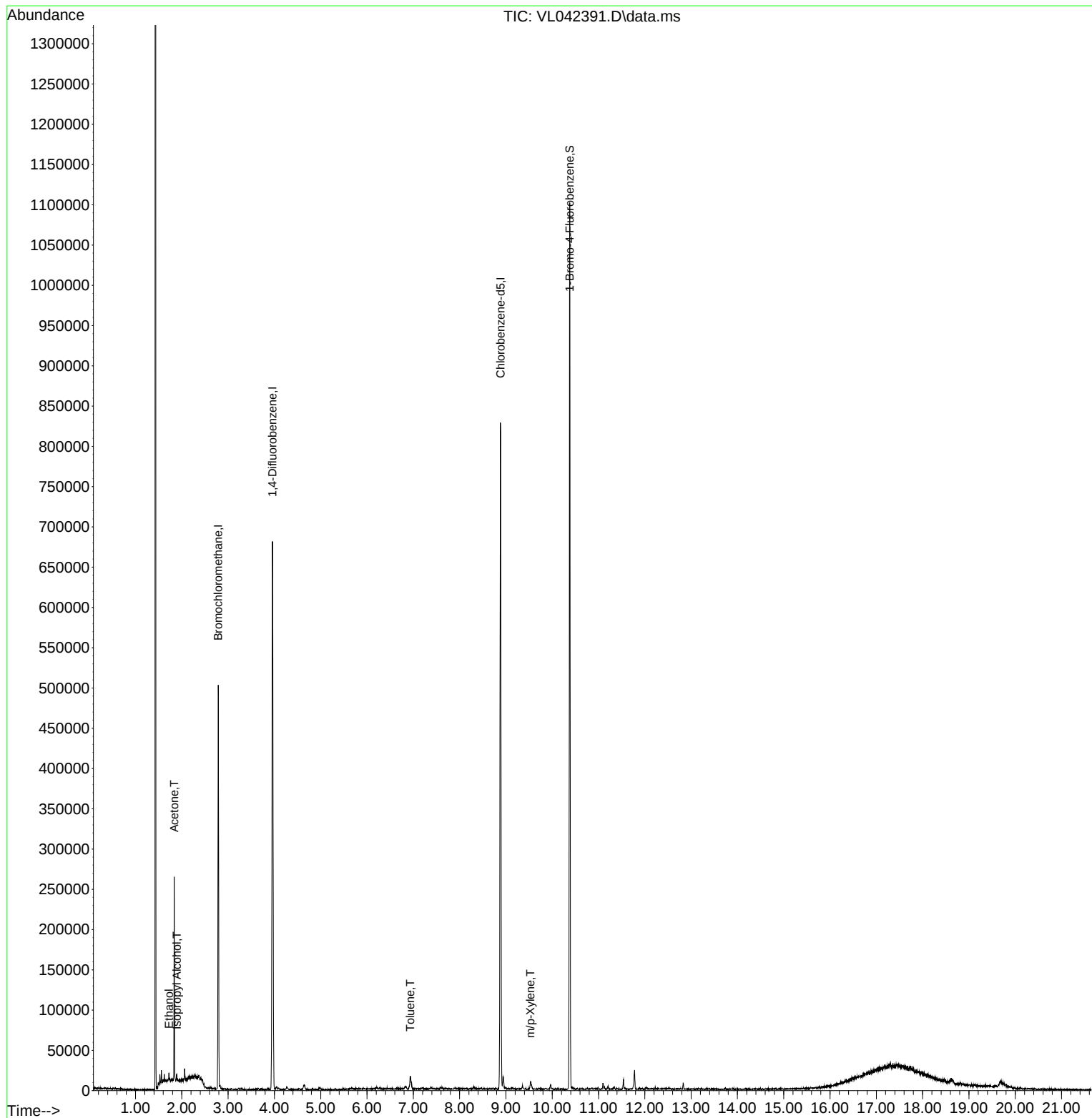
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041825\
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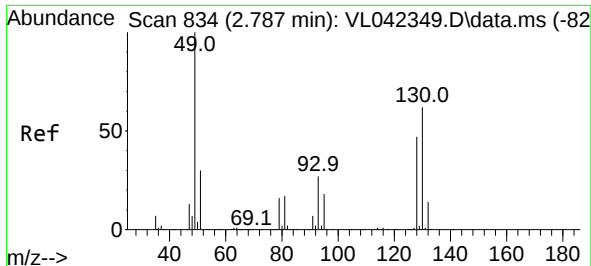
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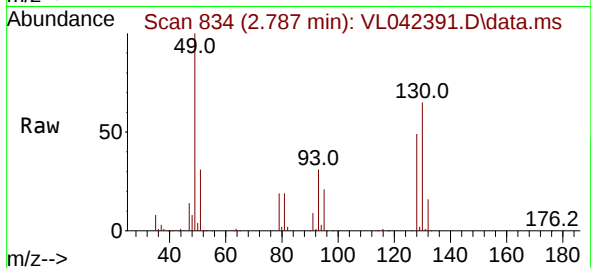
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. -0.000 min
Lab File: VL042391.D
Acq: 18 Apr 2025 14:45

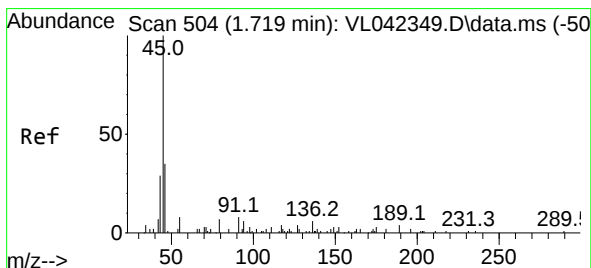
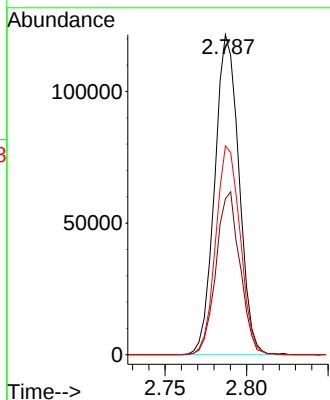
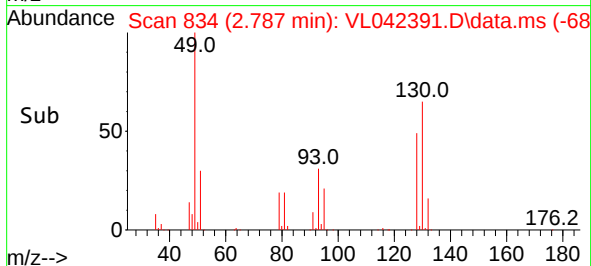
Instrument : MSVOA_L
ClientSampleId : IA-B2-1-03312025DL2



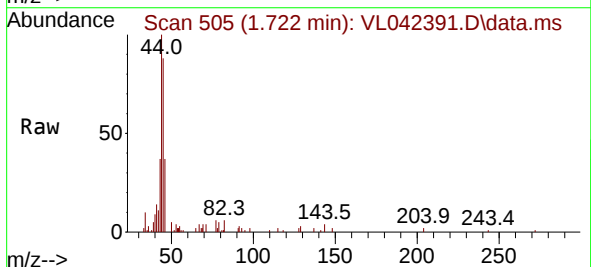
Tgt Ion: 49 Resp: 12570
Ion Ratio Lower Upper
49 100
128 50.5 22.8 68.4
130 65.7 29.3 88.0

Manual Integrations
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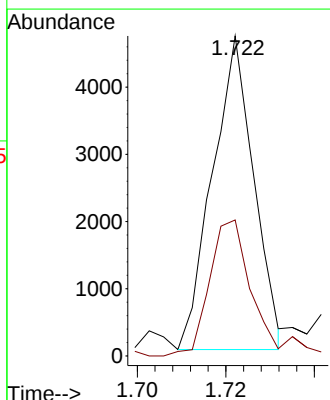
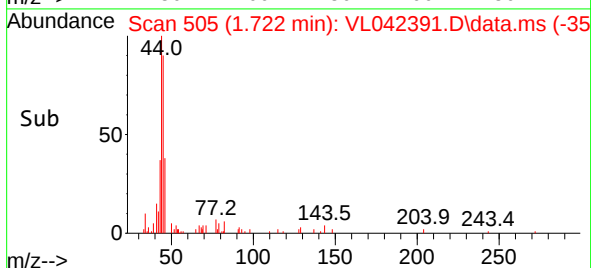
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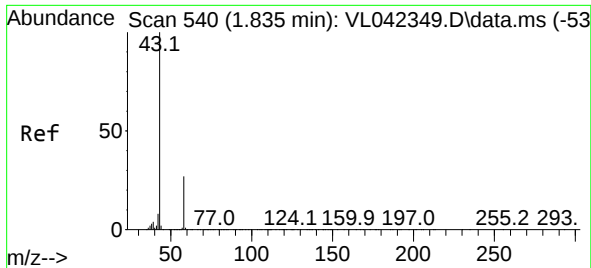


#13
Ethanol
Concen: 1.977 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042391.D
Acq: 18 Apr 2025 14:45



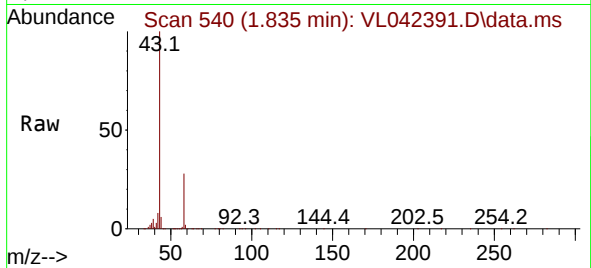
Tgt Ion: 45 Resp: 3027
Ion Ratio Lower Upper
45 100
46 0.0 21.9 87.7#





#15
Acetone
Concen: 5.058 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042391.D
Acq: 18 Apr 2025 14:45

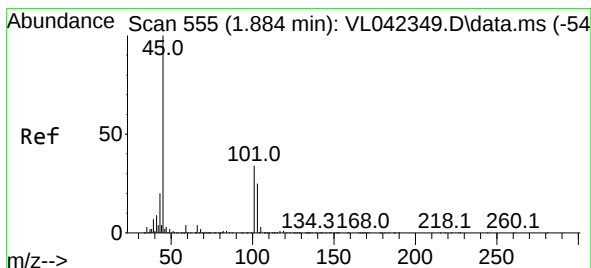
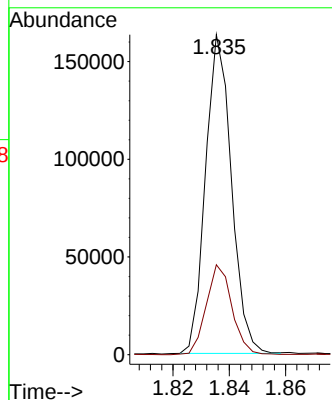
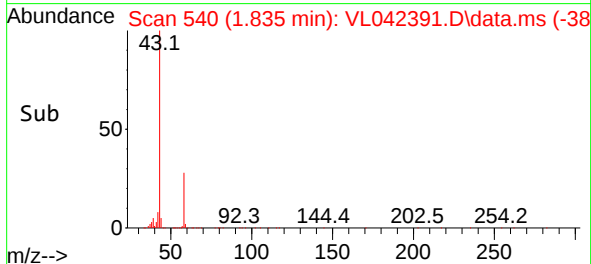
Instrument : MSVOA_L
ClientSampleId : IA-B2-1-03312025DL2



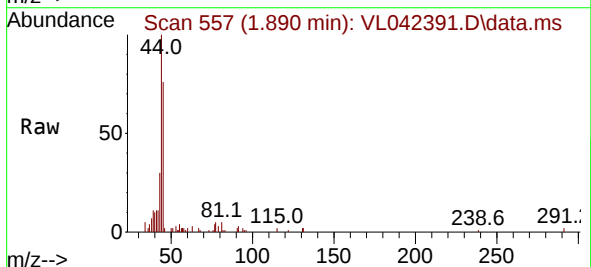
Tgt Ion: 43 Resp: 104075
Ion Ratio Lower Upper
43 100
58 28.5 22.4 33.6

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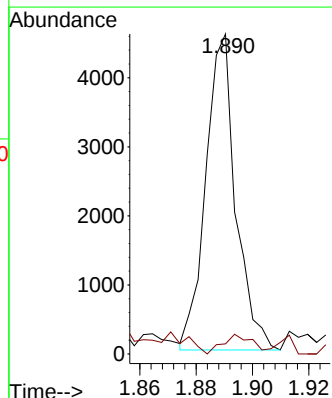
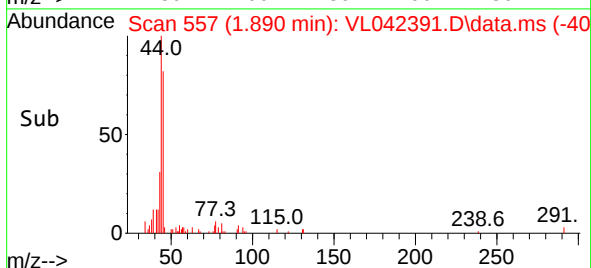
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

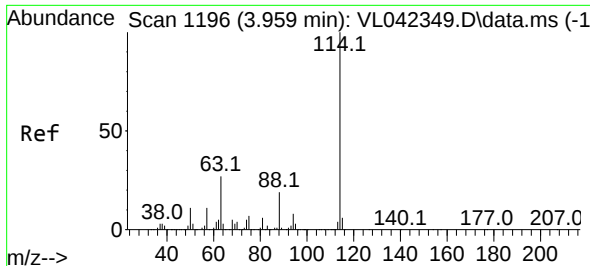


#19
Isopropyl Alcohol
Concen: 0.295 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.006 min
Lab File: VL042391.D
Acq: 18 Apr 2025 14:45



Tgt Ion: 45 Resp: 3377
Ion Ratio Lower Upper
45 100
58 879.1 34.5 51.7#





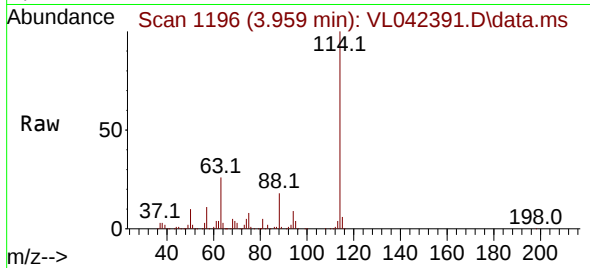
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.959 min Scan# 1196
 Delta R.T. 0.000 min
 Lab File: VL042391.D
 Acq: 18 Apr 2025 14:45

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-1-03312025DL2

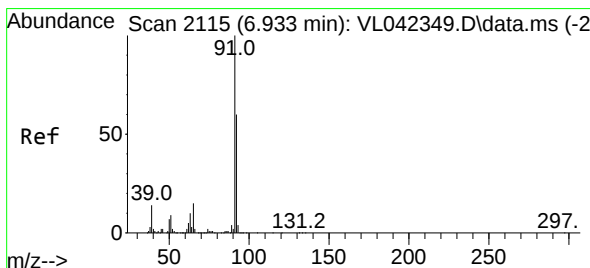
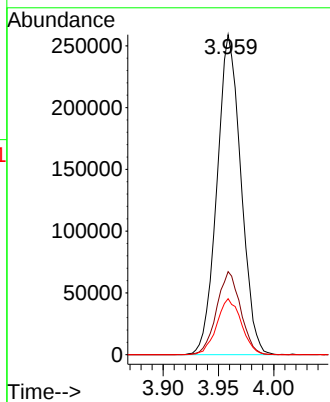
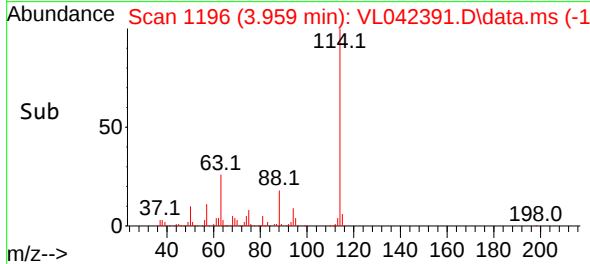


Tgt Ion:114 Resp: 390410
 Ion Ratio Lower Upper
 114 100
 63 25.9 21.8 32.6
 88 17.9 15.5 23.3

Manual Integrations

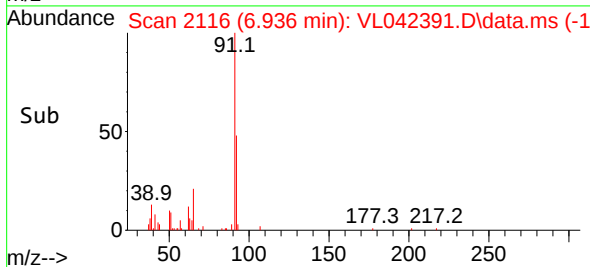
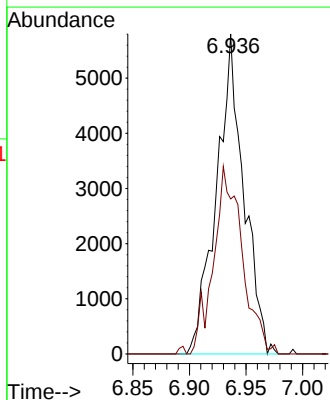
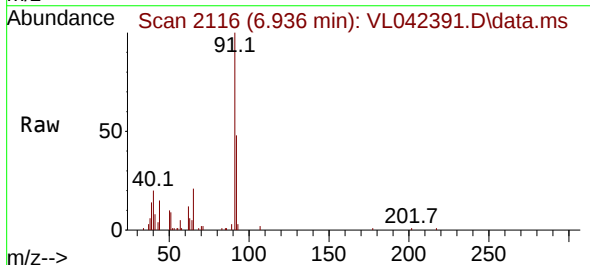
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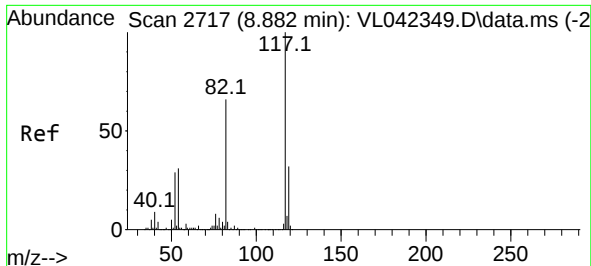
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#53
 Toluene
 Concen: 0.194 ppbv m
 RT: 6.936 min Scan# 2116
 Delta R.T. 0.003 min
 Lab File: VL042391.D
 Acq: 18 Apr 2025 14:45

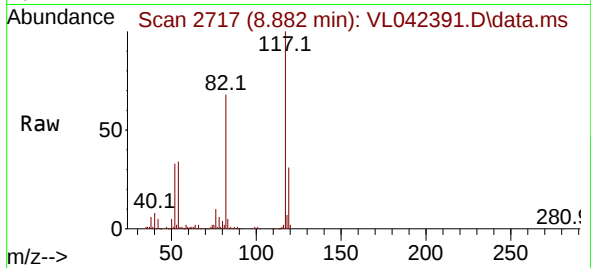
Tgt Ion: 91 Resp: 9781
 Ion Ratio Lower Upper
 91 100
 92 62.0 48.2 72.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042391.D
Acq: 18 Apr 2025 14:45

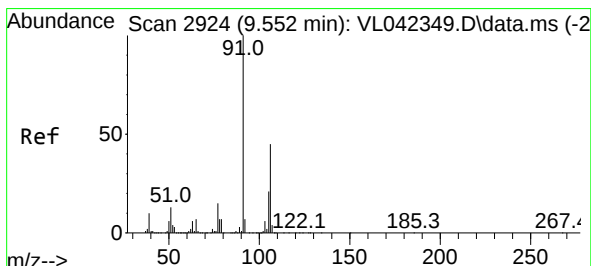
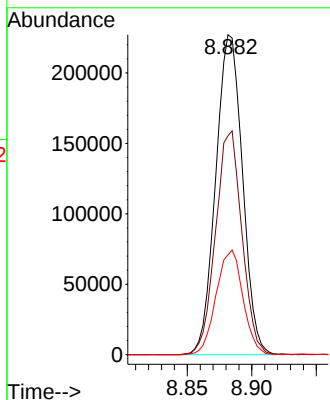
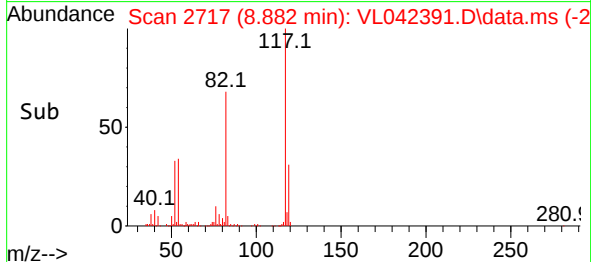
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-03312025DL2



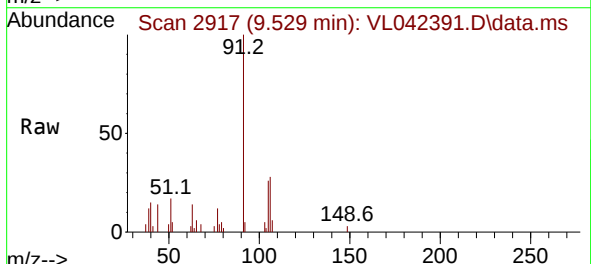
Tgt Ion:117 Resp: 327579
Ion Ratio Lower Upper
117 100
82 68.9 57.8 86.6
119 32.8 25.2 37.8

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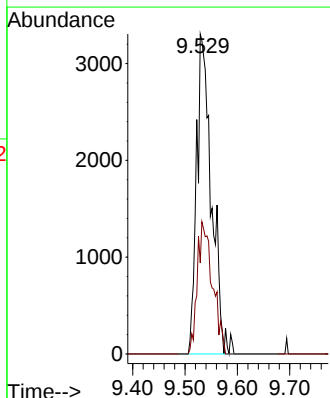
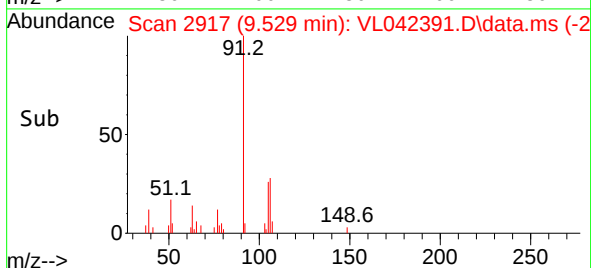
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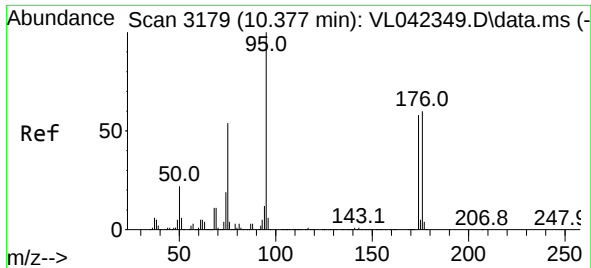


#59
m/p-Xylene
Concen: 0.124 ppbv m
RT: 9.529 min Scan# 2917
Delta R.T. -0.023 min
Lab File: VL042391.D
Acq: 18 Apr 2025 14:45



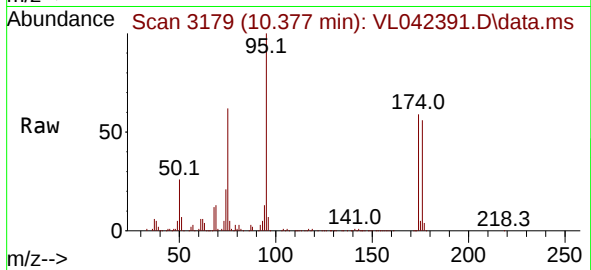
Tgt Ion: 91 Resp: 6487
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.175 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.000 min
 Lab File: VL042391.D
 Acq: 18 Apr 2025 14:45

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-1-03312025DL2



Tgt Ion: 95 Resp: 273890
 Ion Ratio Lower Upper
 95 100
 174 61.3 48.5 72.7
 175 4.7 3.7 5.5

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