

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041825\
 Data File : VL042393.D
 Acq On : 18 Apr 2025 15:47
 Operator : SY/MD
 Sample : Q1726-06DL2DUP 100X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-3-03312025DL2DUP

Quant Time: Apr 18 23:00:28 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	2.790	49	123948	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	373006	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	318921	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	266367	10.164	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						
					Qvalue	
13) Ethanol	1.722	45	3385	2.243	ppbv #	24
15) Acetone	1.839	43	96169	4.740	ppbv	100
19) Isopropyl Alcohol	1.891	45	3389	0.301	ppbv #	1
53) Toluene	6.940	91	6512m	0.135	ppbv	

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

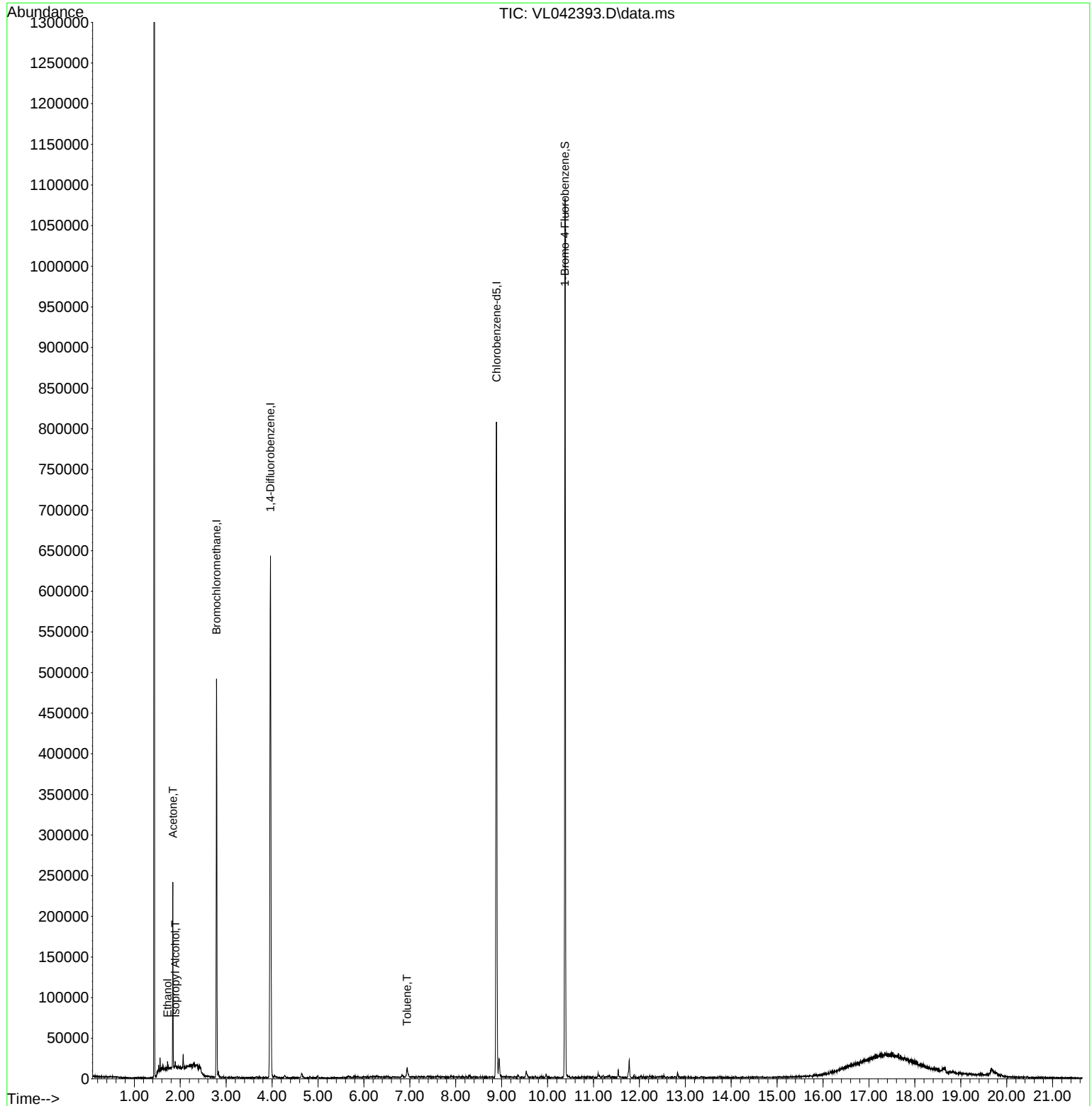
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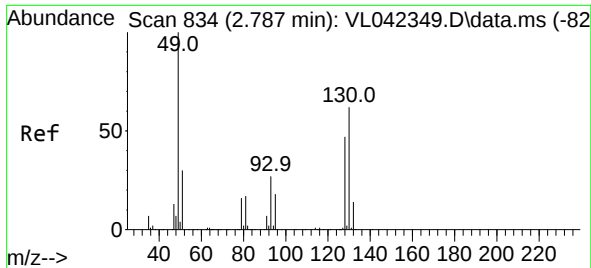
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025DL2DUP

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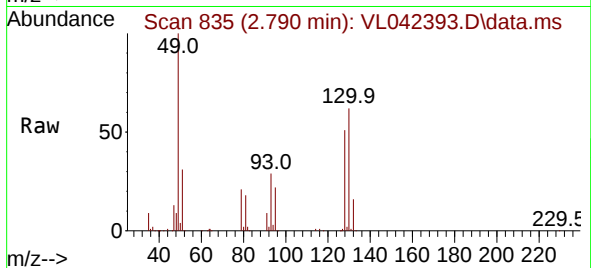
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042393.D
Acq: 18 Apr 2025 15:47

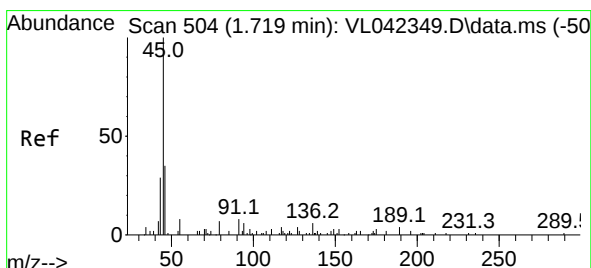
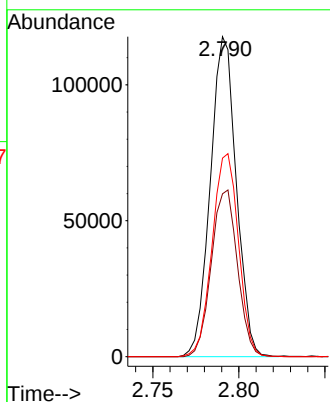
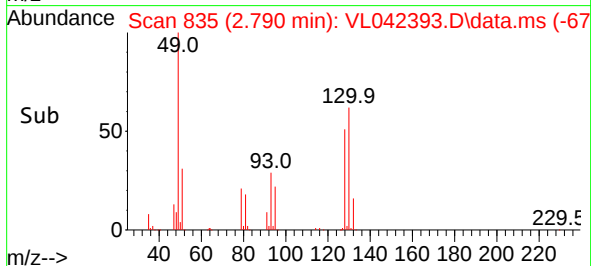
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025DL2DUP



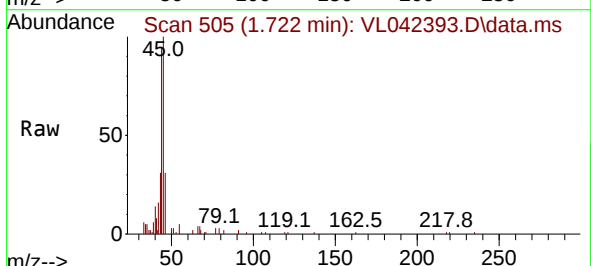
Tgt Ion: 49 Resp: 123948
Ion Ratio Lower Upper
49 100
128 52.3 22.8 68.4
130 64.1 29.3 88.0

Manual Integrations
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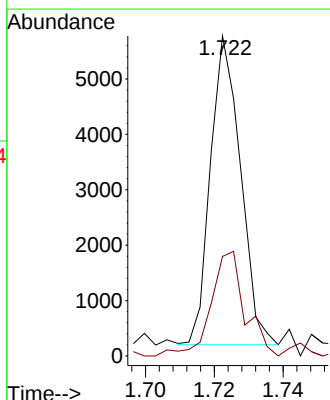
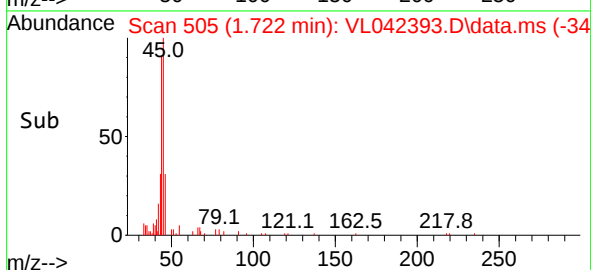
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Supervised By :Mahesh Dadoda 04/21/2025

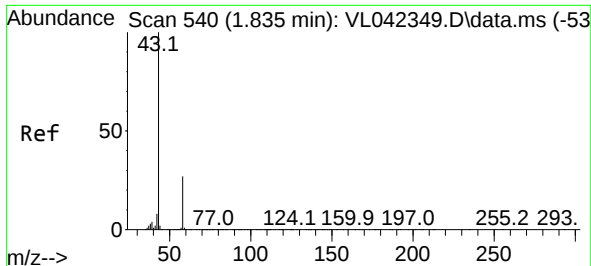


#13
Ethanol
Concen: 2.243 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042393.D
Acq: 18 Apr 2025 15:47



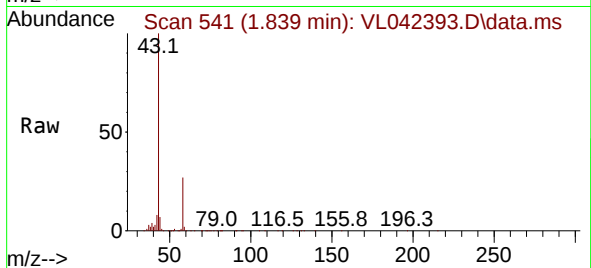
Tgt Ion: 45 Resp: 3385
Ion Ratio Lower Upper
45 100
46 0.0 21.9 87.7#





#15
Acetone
Concen: 4.740 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.004 min
Lab File: VL042393.D
Acq: 18 Apr 2025 15:47

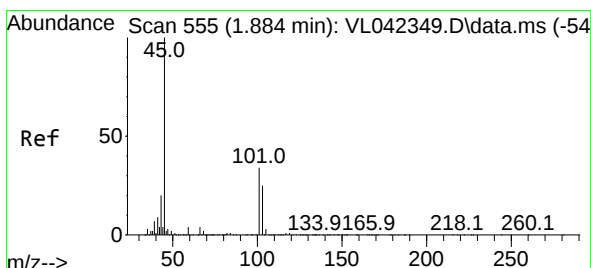
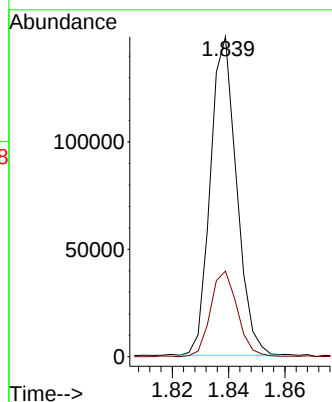
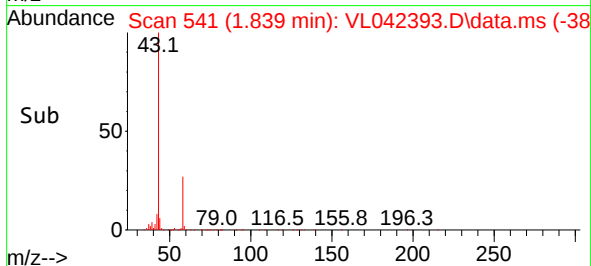
Instrument :
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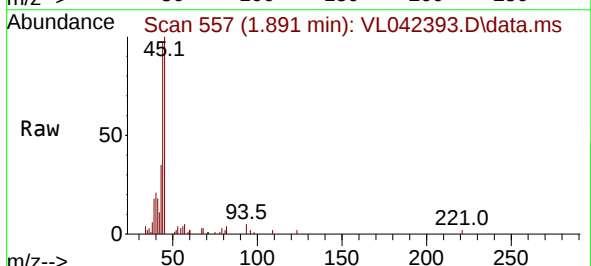
Tgt Ion: 43 Resp: 96169
Ion Ratio Lower Upper
43 100
58 27.9 22.4 33.6

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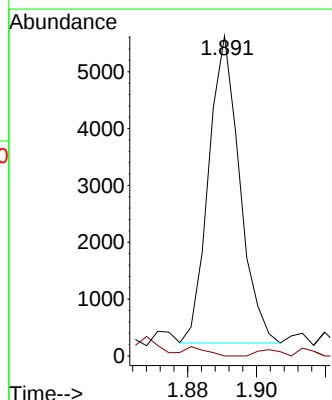
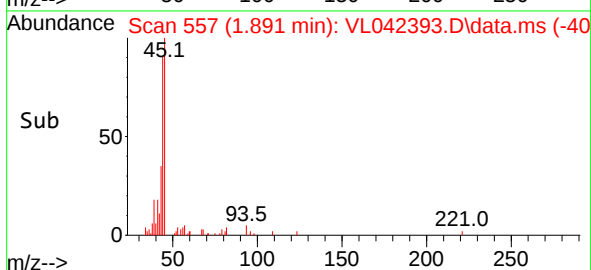
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

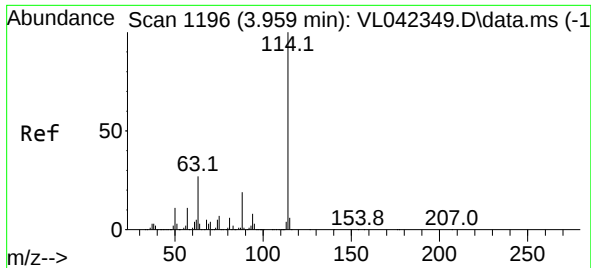


#19
Isopropyl Alcohol
Concen: 0.301 ppbv
RT: 1.891 min Scan# 557
Delta R.T. 0.007 min
Lab File: VL042393.D
Acq: 18 Apr 2025 15:47



Tgt Ion: 45 Resp: 3389
Ion Ratio Lower Upper
45 100
58 791.4 34.5 51.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1196

Delta R.T. 0.007 min

Lab File: VL042393.D

Acq: 18 Apr 2025 15:47

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-3-03312025DL2DUP

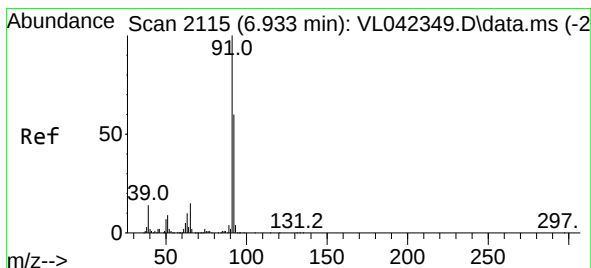
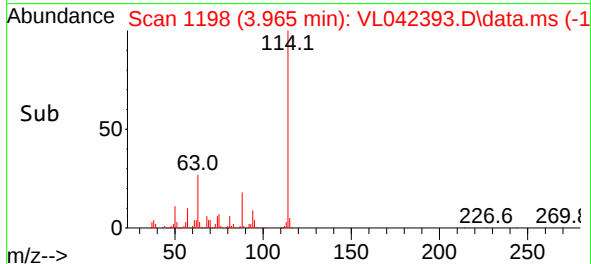
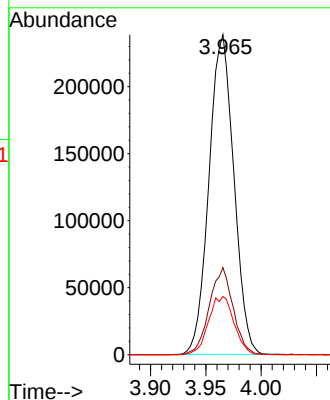
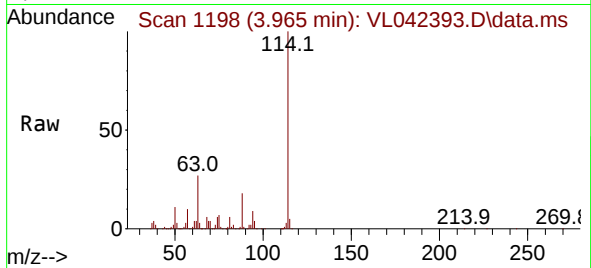
Tgt Ion:	114	Resp:	373000
Ion Ratio	Lower	Upper	
114	100		
63	26.0	21.8	32.6
88	18.7	15.5	23.3

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#53

Toluene

Concen: 0.135 ppbv m

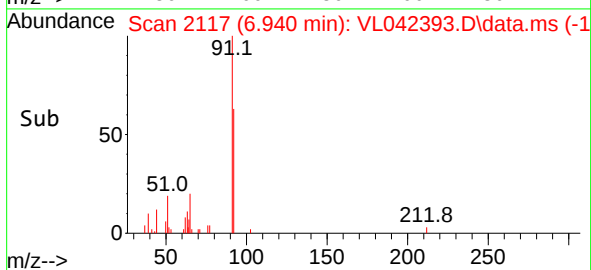
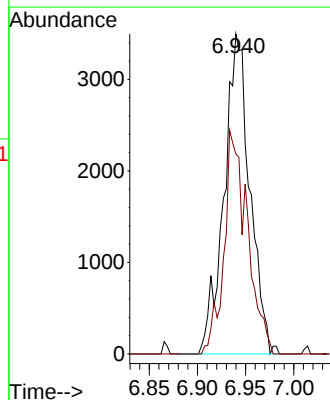
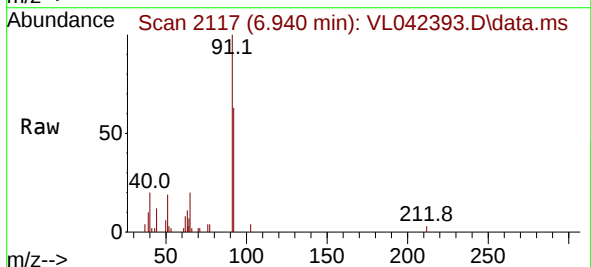
RT: 6.940 min Scan# 2117

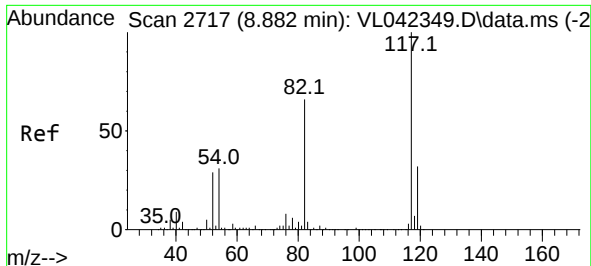
Delta R.T. 0.007 min

Lab File: VL042393.D

Acq: 18 Apr 2025 15:47

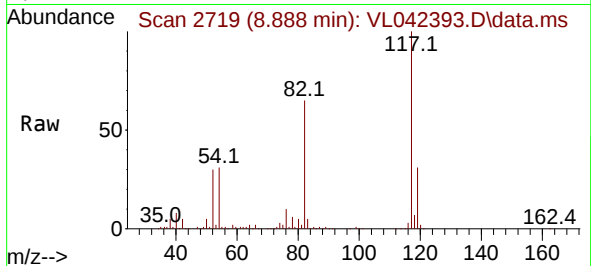
Tgt Ion:	91	Resp:	6512
Ion Ratio	Lower	Upper	
91	100		
92	63.2	48.2	72.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042393.D
Acq: 18 Apr 2025 15:47

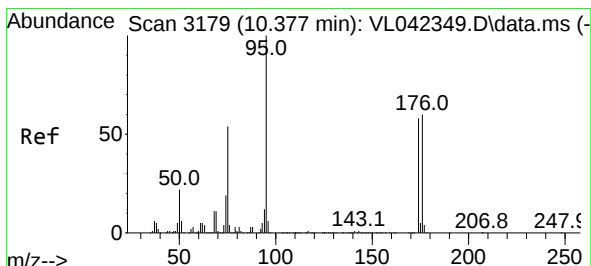
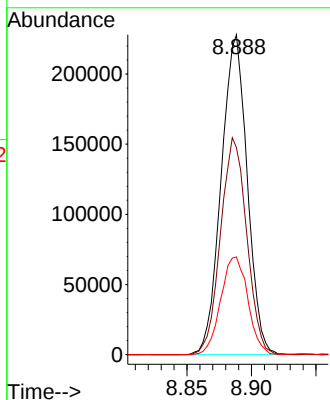
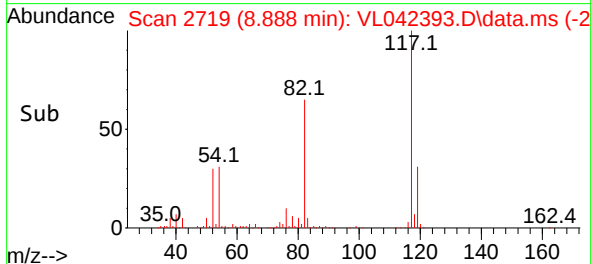
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Tgt Ion: 117 Resp: 31892
Ion Ratio Lower Upper
117 100
82 68.4 57.8 86.6
119 32.1 25.2 37.8

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.164 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.004 min
Lab File: VL042393.D
Acq: 18 Apr 2025 15:47

Tgt Ion: 95 Resp: 266367
Ion Ratio Lower Upper
95 100
174 60.1 48.5 72.7
175 4.3 3.7 5.5

