

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040044.D
 Acq On : 20 Dec 2022 1:23
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 05:18:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 19 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	988687	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	2758010	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2349864	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1764460	9.830	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds						
					Qvalue	
13) Ethanol	3.231	45	2663m	0.457	ppbv	
15) Acetone	3.462	43	22262	0.146	ppbv #	86
20) Methylene Chloride	3.915	84	57412	0.883	ppbv	98
26) Hexane	5.192	57	30206	0.271	ppbv #	39

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

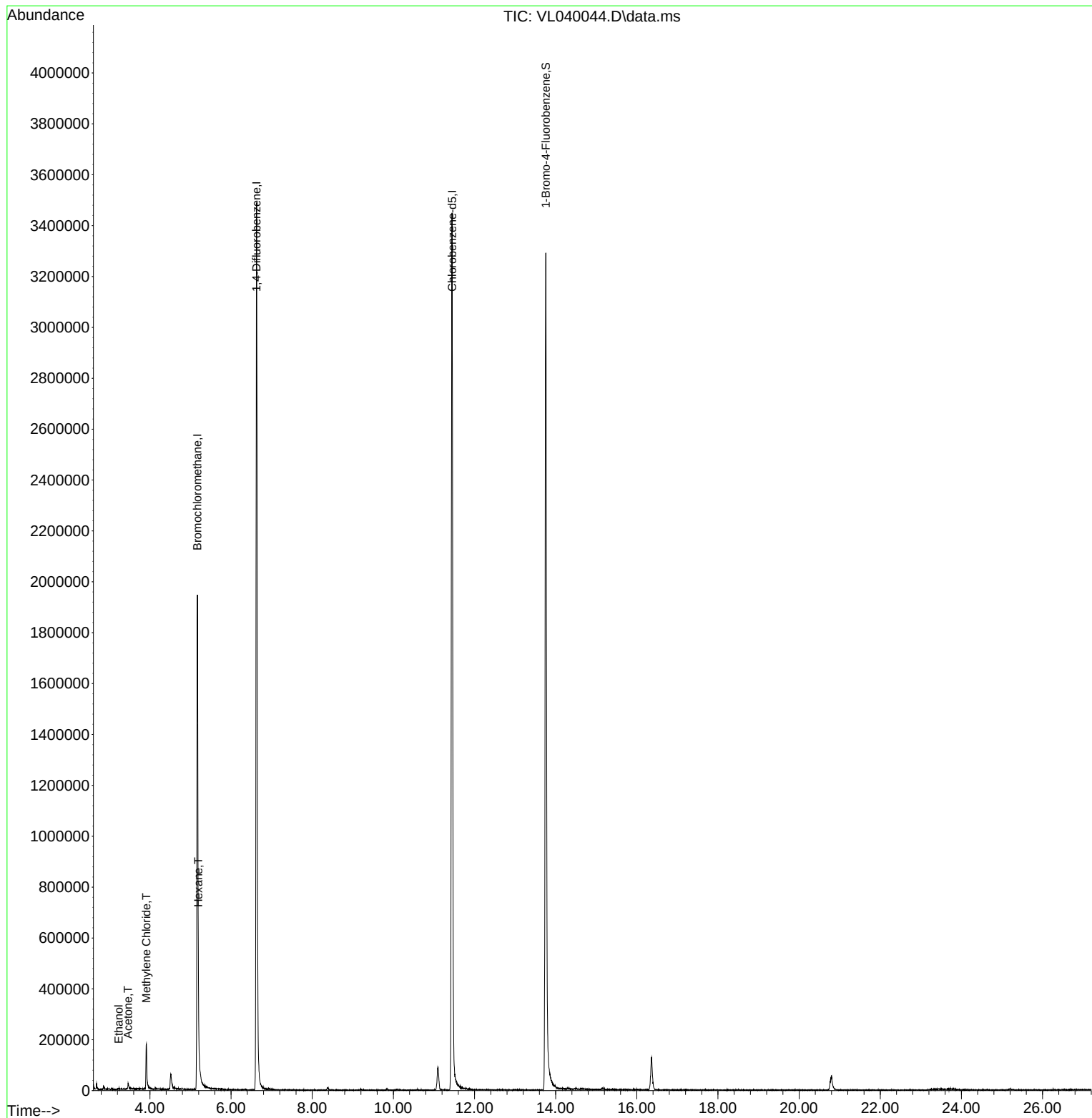
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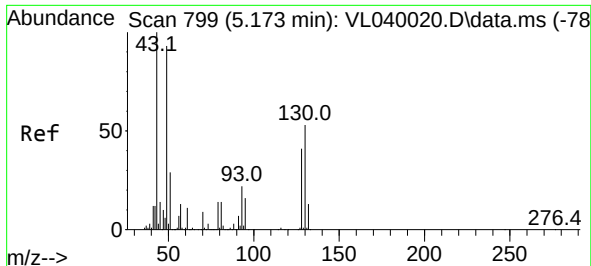
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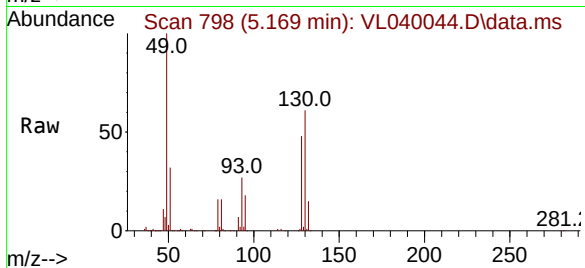
Quant Time: Dec 20 05:18:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Dec 20 04:50:21 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 799
Delta R.T. -0.004 min
Lab File: VL040044.D
Acq: 20 Dec 2022 1:23

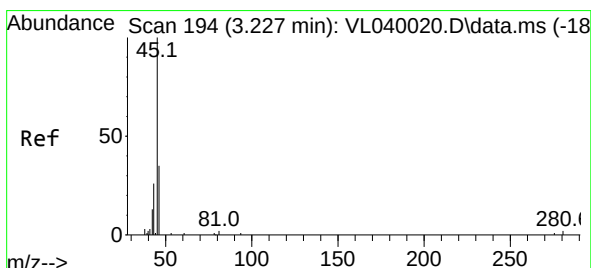
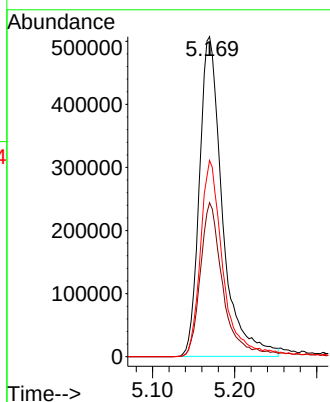
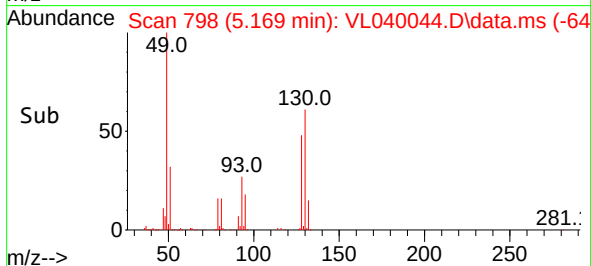
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion: 49 Resp: 98868
Ion Ratio Lower Upper
49 100
128 48.6 22.4 67.3
130 61.2 28.9 86.8

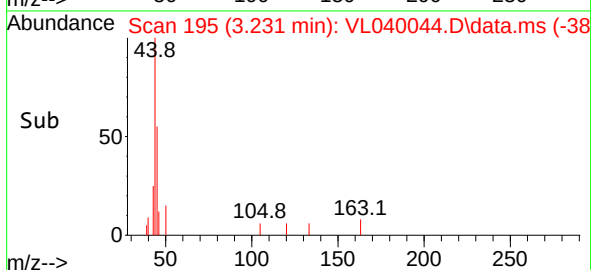
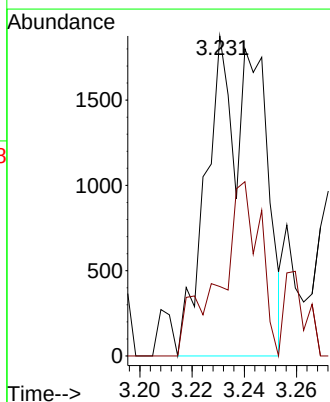
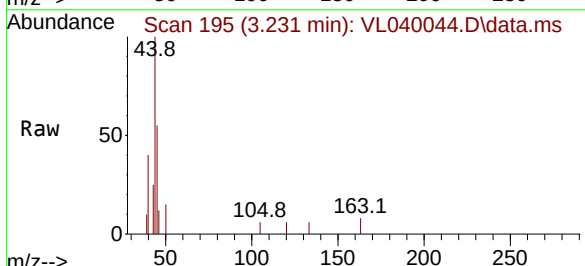
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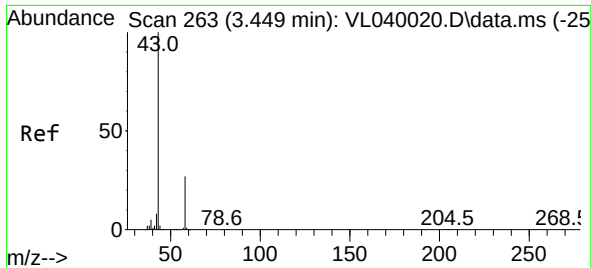
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#13
Ethanol
Concen: 0.457 ppbv m
RT: 3.231 min Scan# 195
Delta R.T. 0.003 min
Lab File: VL040044.D
Acq: 20 Dec 2022 1:23

Tgt Ion: 45 Resp: 2663
Ion Ratio Lower Upper
45 100
46 0.0 13.7 54.7#





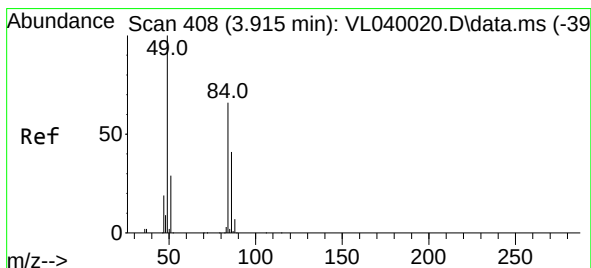
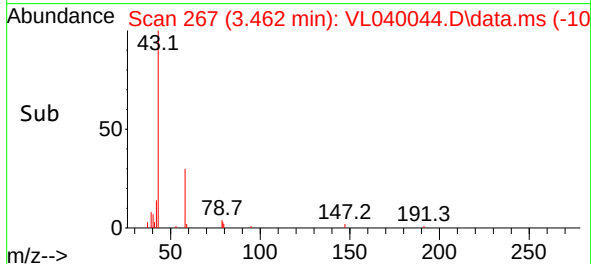
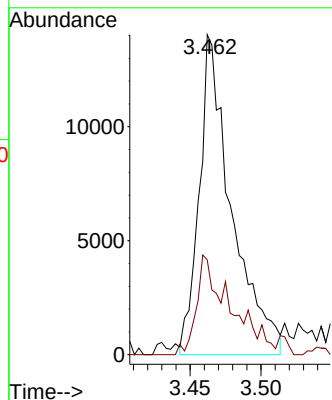
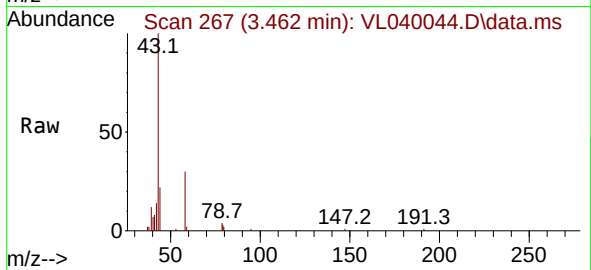
#15
Acetone
Concen: 0.146 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL040044.D
Acq: 20 Dec 2022 1:23

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 2226
Ion Ratio Lower Upper
43 100
58 34.7 21.8 32.8

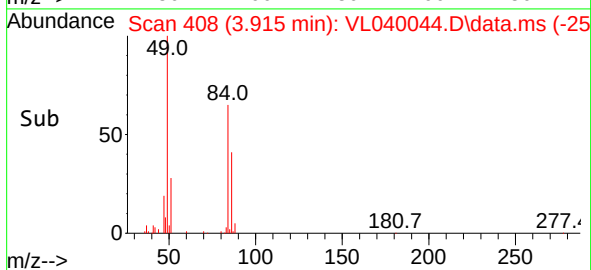
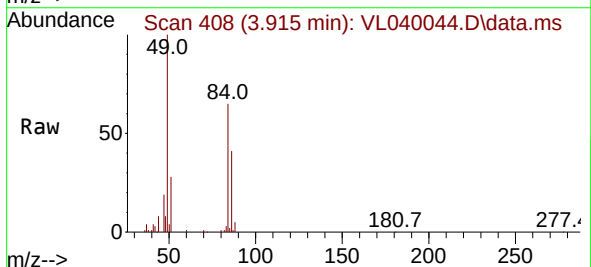
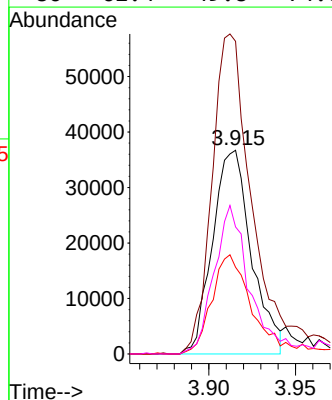
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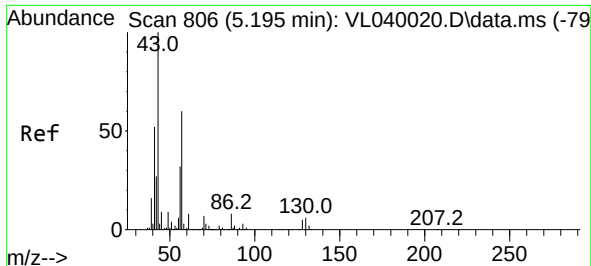
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#20
Methylene Chloride
Concen: 0.883 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.000 min
Lab File: VL040044.D
Acq: 20 Dec 2022 1:23

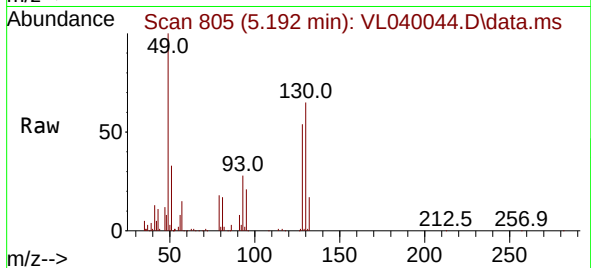
Tgt Ion: 84 Resp: 57412
Ion Ratio Lower Upper
84 100
49 153.5 120.5 180.7
51 42.6 35.2 52.8
86 62.4 49.8 74.6





#26
Hexane
Concen: 0.271 ppbv
RT: 5.192 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL040044.D
Acq: 20 Dec 2022 1:23

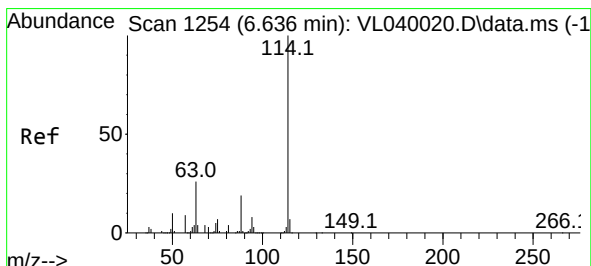
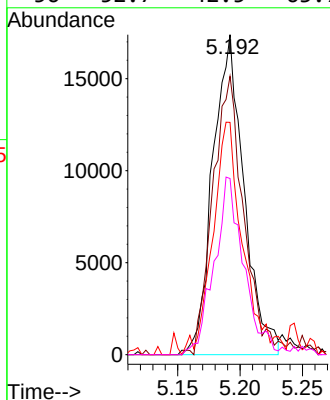
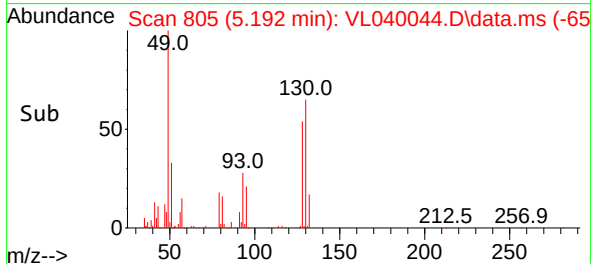
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



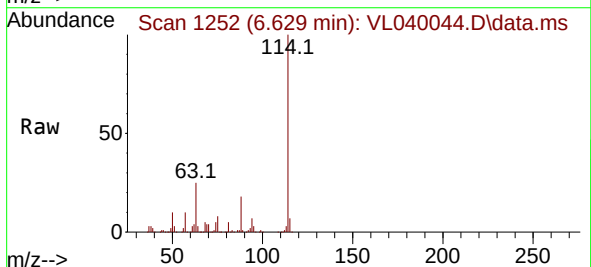
Tgt Ion: 57 Resp: 30200
Ion Ratio Lower Upper
57 100
41 90.0 72.1 108.1
43 75.5 192.1 288.1
56 52.7 42.5 63.7

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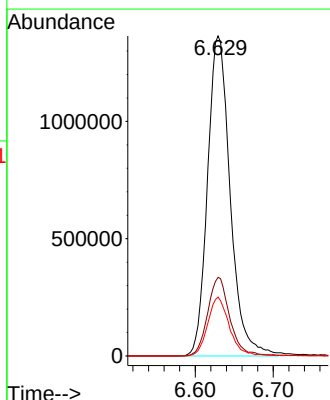
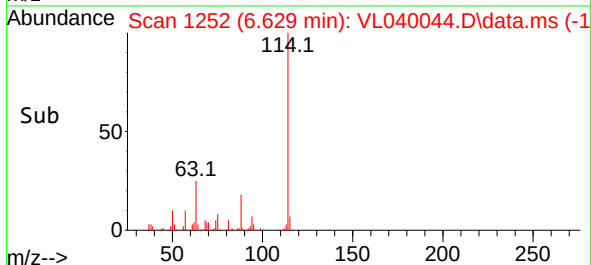
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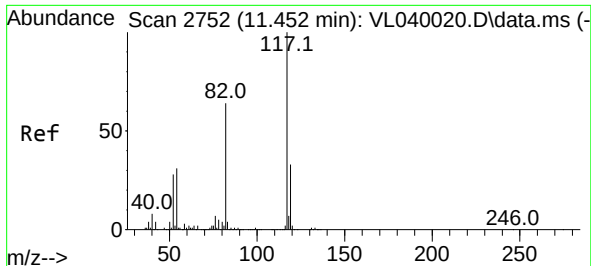


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.629 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VL040044.D
Acq: 20 Dec 2022 1:23



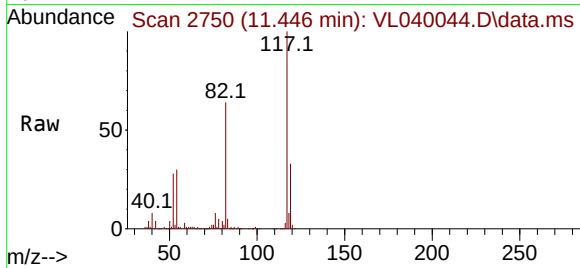
Tgt Ion:114 Resp: 2758010
Ion Ratio Lower Upper
114 100
63 24.2 20.2 30.2
88 17.6 14.6 21.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040044.D
Acq: 20 Dec 2022 1:23

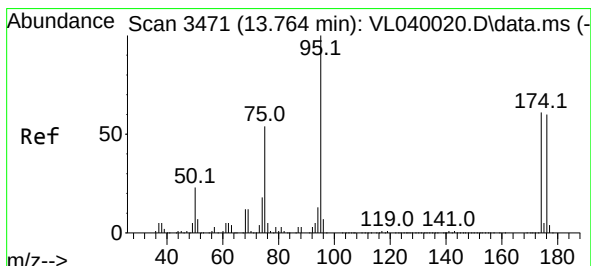
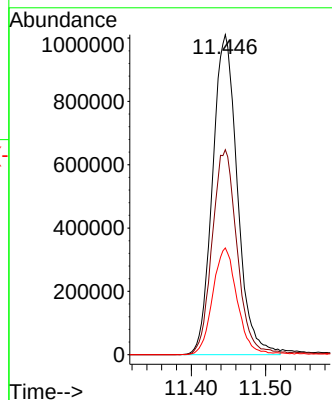
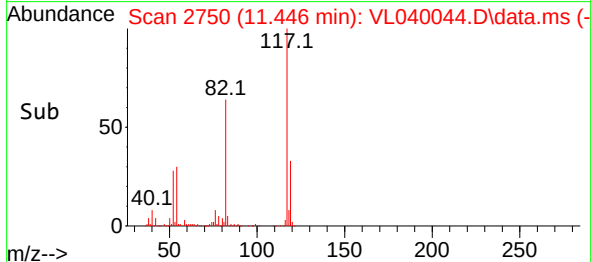
Instrument :
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Tgt Ion:117 Resp: 2349864
Ion Ratio Lower Upper
117 100
82 65.6 51.2 76.8
119 33.2 23.2 34.8

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.830 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.006 min
Lab File: VL040044.D
Acq: 20 Dec 2022 1:23

Tgt Ion: 95 Resp: 1764460
Ion Ratio Lower Upper
95 100
174 63.0 48.6 73.0
175 4.6 3.4 5.2

