

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040258.D
 Acq On : 8 Mar 2023 17:31
 Operator : SY/MD
 Sample : 01836-03DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DC-3723-SSDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 04:14:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Mar 01 04:21:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	837831	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2139632	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.452	117	1837241	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1486984	9.843	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
					Qvalue	
15) Acetone	3.475	43	23781m	0.236	ppbv	
20) Methylene Chloride	3.918	84	36757	0.700	ppbv	97
26) Hexane	5.195	57	12450m	0.155	ppbv	
52) Tetrachloroethene	10.600	164	35013	0.673	ppbv	87

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

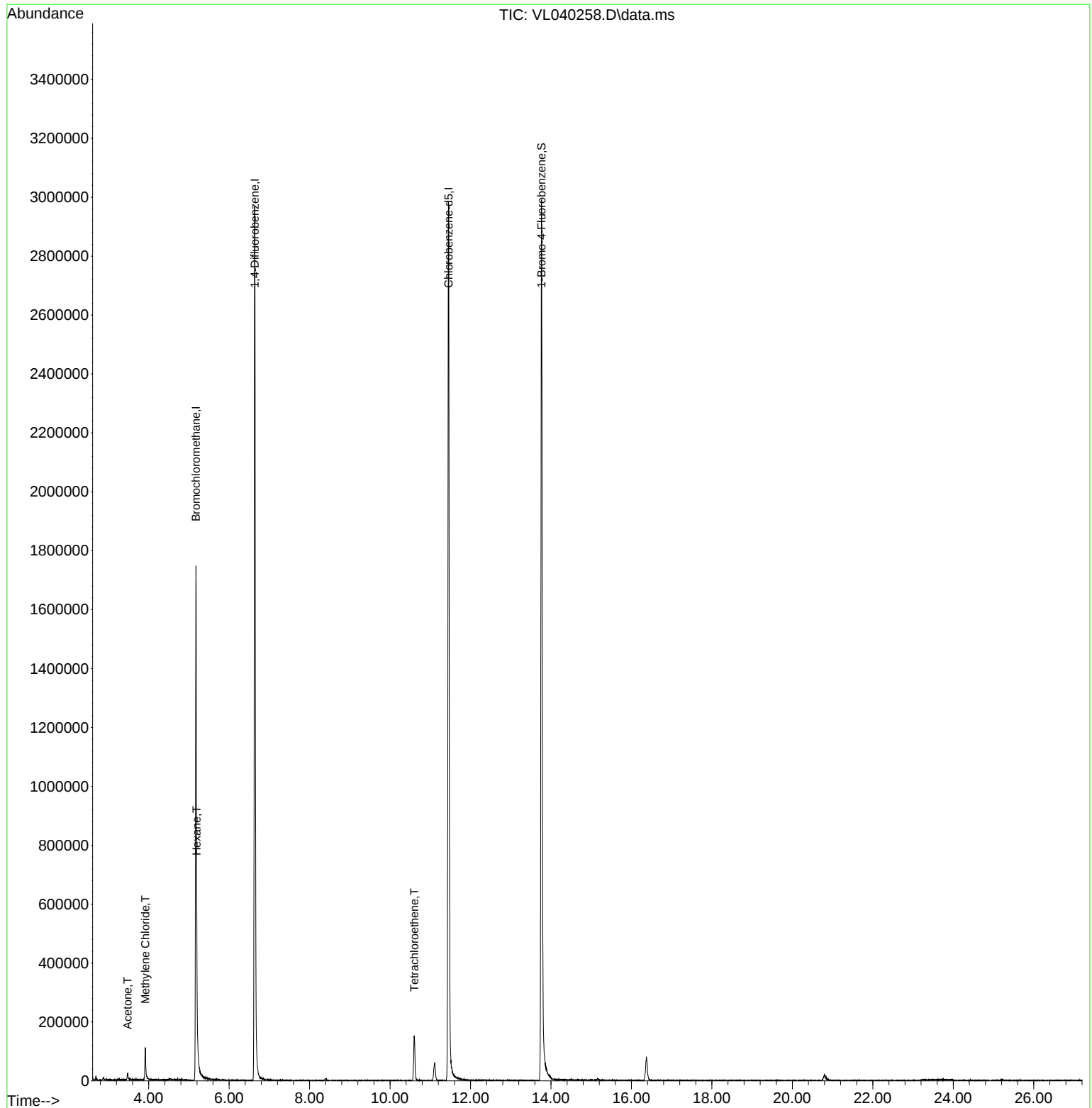
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
Data File : VL040258.D
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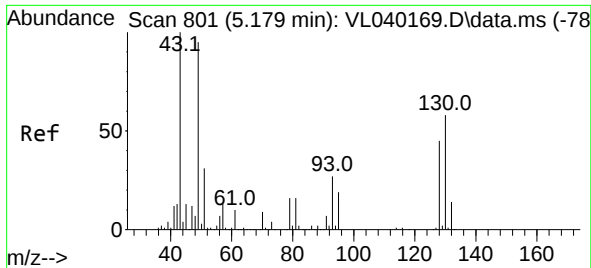
Instrument :
MSVOA_L
ClientSampleId :
DC-3723-SSDL

Quant Time: Mar 09 04:14:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Mar 01 04:21:39 2023
Response via : Initial Calibration

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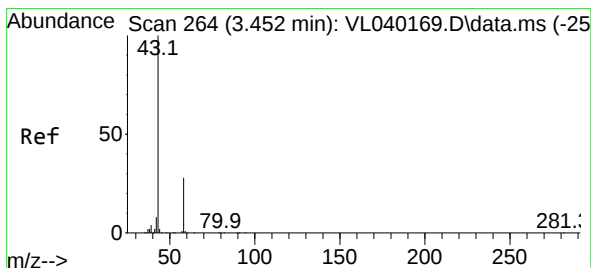
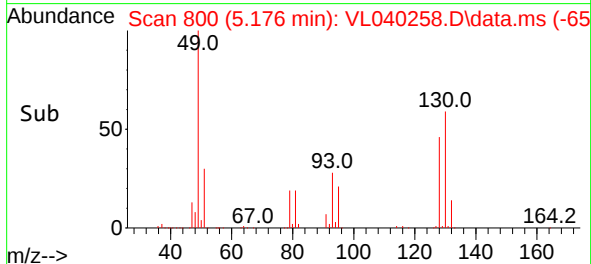
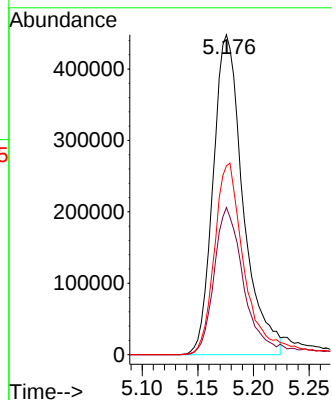
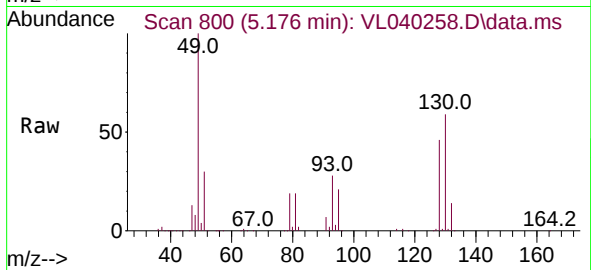
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 801
Delta R.T. -0.025 min
Lab File: VL040258.D
Acq: 8 Mar 2023 17:31

Instrument :
MSVOA_L
ClientSampleId :
DC-3723-SSDL

Tgt Ion: 49 Resp: 83783
Ion Ratio Lower Upper
49 100
128 48.7 24.1 72.3
130 61.7 30.9 92.8

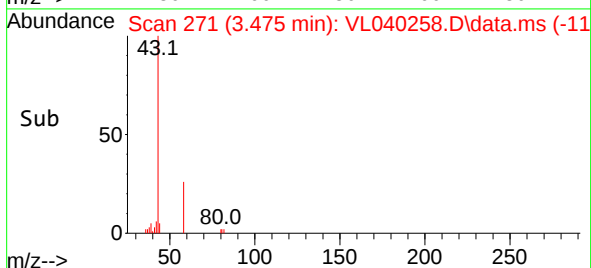
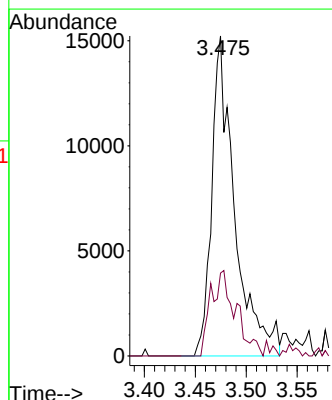
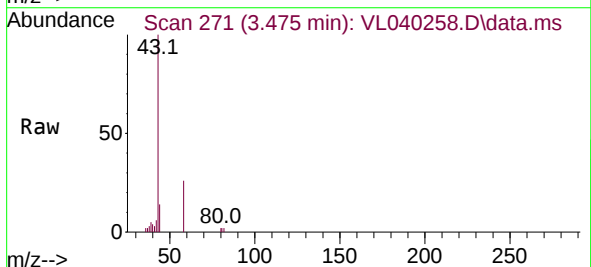
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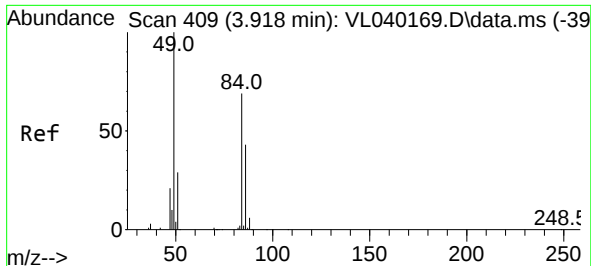
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#15
Acetone
Concen: 0.236 ppbv m
RT: 3.475 min Scan# 271
Delta R.T. 0.006 min
Lab File: VL040258.D
Acq: 8 Mar 2023 17:31

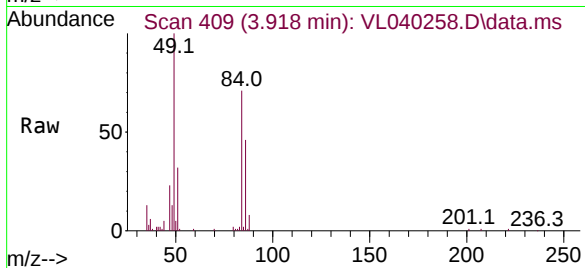
Tgt Ion: 43 Resp: 23781
Ion Ratio Lower Upper
43 100
58 0.0 22.4 33.6#





#20
Methylene Chloride
Concen: 0.700 ppbv
RT: 3.918 min Scan# 409
Delta R.T. -0.016 min
Lab File: VL040258.D
Acq: 8 Mar 2023 17:31

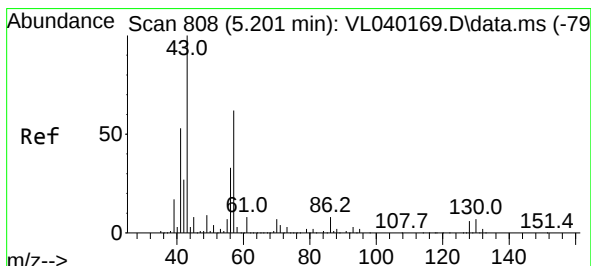
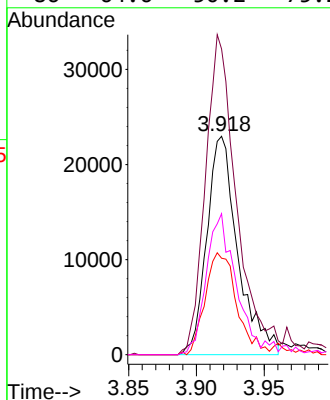
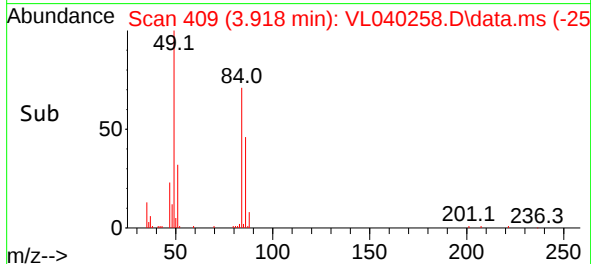
Instrument :
MSVOA_L
ClientSampleId :
DC-3723-SSDL



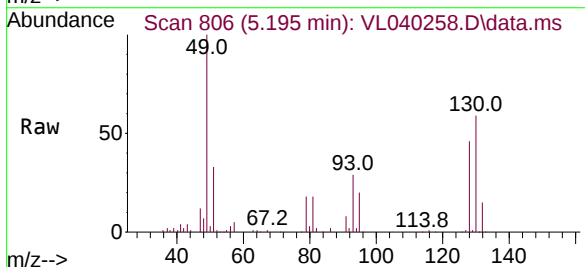
Tgt Ion: 84 Resp: 3675
Ion Ratio Lower Upper
84 100
49 140.0 115.5 173.3
51 44.2 33.1 49.7
86 64.6 50.2 75.2

Manual Integrations
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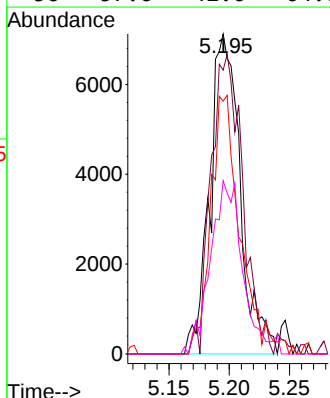
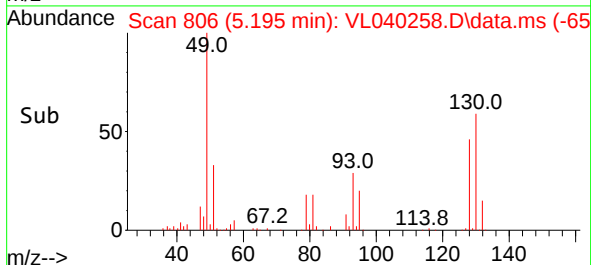
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

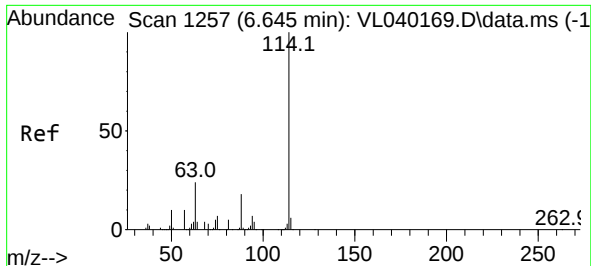


#26
Hexane
Concen: 0.155 ppbv m
RT: 5.195 min Scan# 806
Delta R.T. -0.029 min
Lab File: VL040258.D
Acq: 8 Mar 2023 17:31



Tgt Ion: 57 Resp: 12450
Ion Ratio Lower Upper
57 100
41 100.8 74.3 111.5
43 79.0 193.0 289.4#
56 57.6 42.6 64.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040258.D

Acq: 8 Mar 2023 17:31

Instrument :

MSVOA_L

ClientSampleId :

DC-3723-SSDL

Tgt Ion:114 Resp: 213963

Ion Ratio Lower Upper

114 100

63 26.1 20.4 30.6

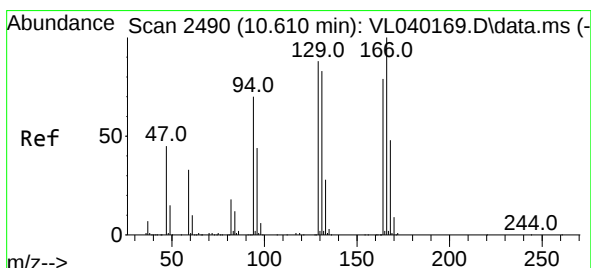
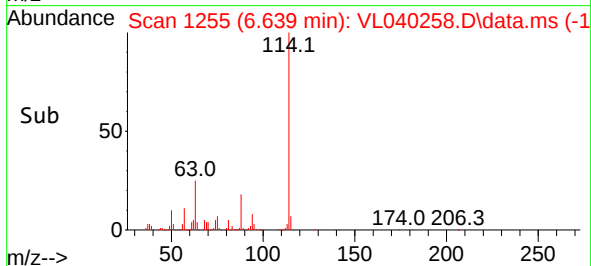
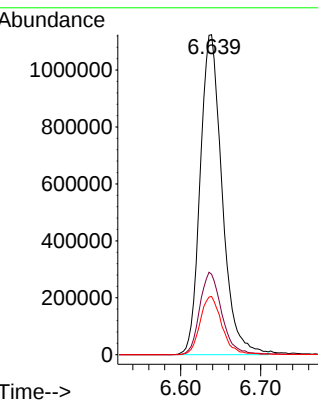
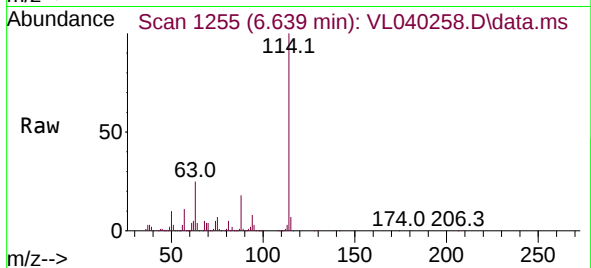
88 18.3 14.3 21.5

Manual Integrations

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Supervised By :Mahesh Dadoda 03/09/2023



#52

Tetrachloroethene

Concen: 0.673 ppbv

RT: 10.600 min Scan# 2487

Delta R.T. -0.035 min

Lab File: VL040258.D

Acq: 8 Mar 2023 17:31

Tgt Ion:164 Resp: 35013

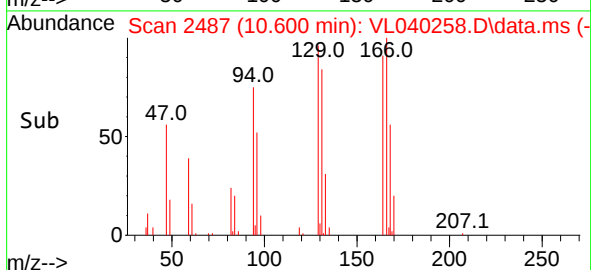
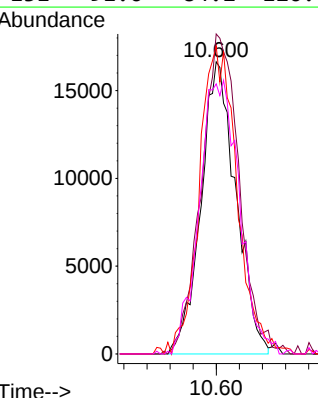
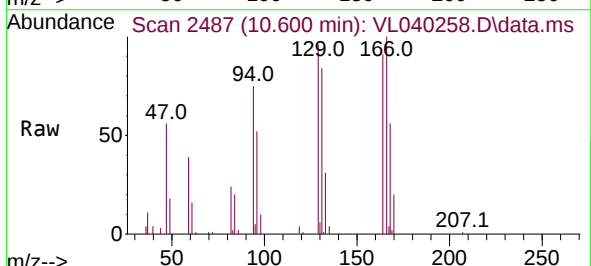
Ion Ratio Lower Upper

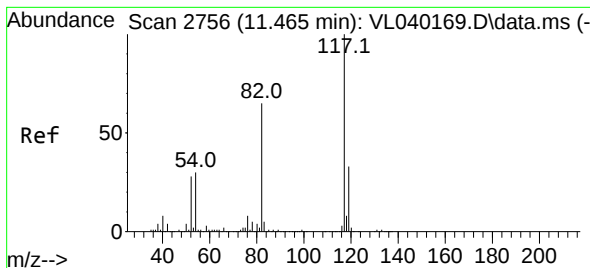
164 100

166 109.5 101.5 152.3

129 101.7 89.0 133.4

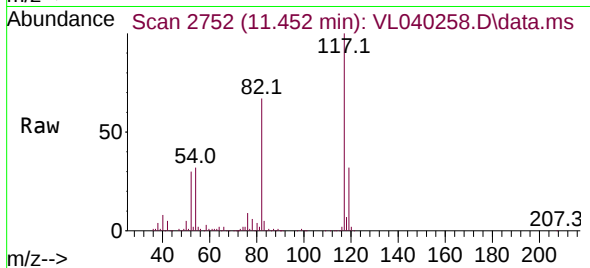
131 91.6 84.2 126.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 211
Delta R.T. -0.035 min
Lab File: VL040258.D
Acq: 8 Mar 2023 17:31

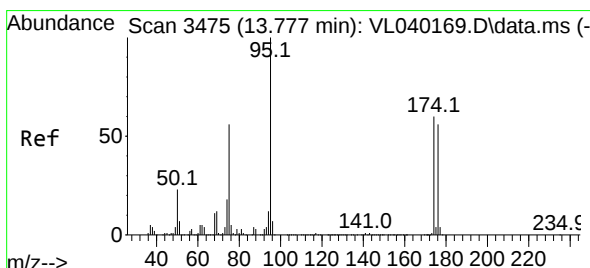
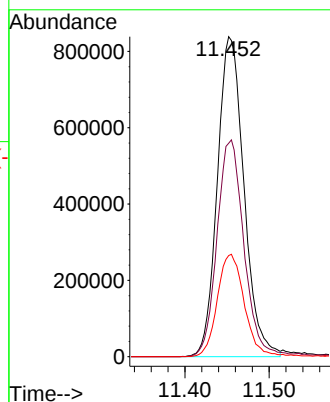
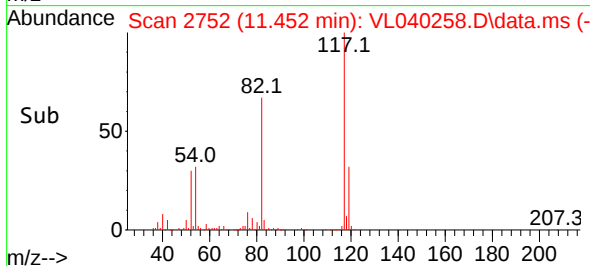
Instrument :
MSVOA_L
ClientSampleId :
DC-3723-SSDL



Tgt Ion:117 Resp: 183724
Ion Ratio Lower Upper
117 100
82 69.9 53.3 79.9
119 32.8 24.6 37.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.843 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. -0.032 min
Lab File: VL040258.D
Acq: 8 Mar 2023 17:31

Tgt Ion: 95 Resp: 1486984
Ion Ratio Lower Upper
95 100
174 57.9 48.2 72.2
175 4.2 3.4 5.2

