

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039677.D
 Acq On : 23 Sep 2022 8:29
 Operator : SY/AP
 Sample : N4669-13DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG5DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 23 09:39:53 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	908518	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2359271	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2183780	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1584866	9.722	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%
Target Compounds						
					Qvalue	
13) Ethanol	3.263	45	93248m	24.854	ppbv	
15) Acetone	3.494	43	111687	1.105	ppbv	100
20) Methylene Chloride	3.947	84	42124	0.901	ppbv	94
52) Tetrachloroethene	10.622	164	616452	8.958	ppbv	97

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

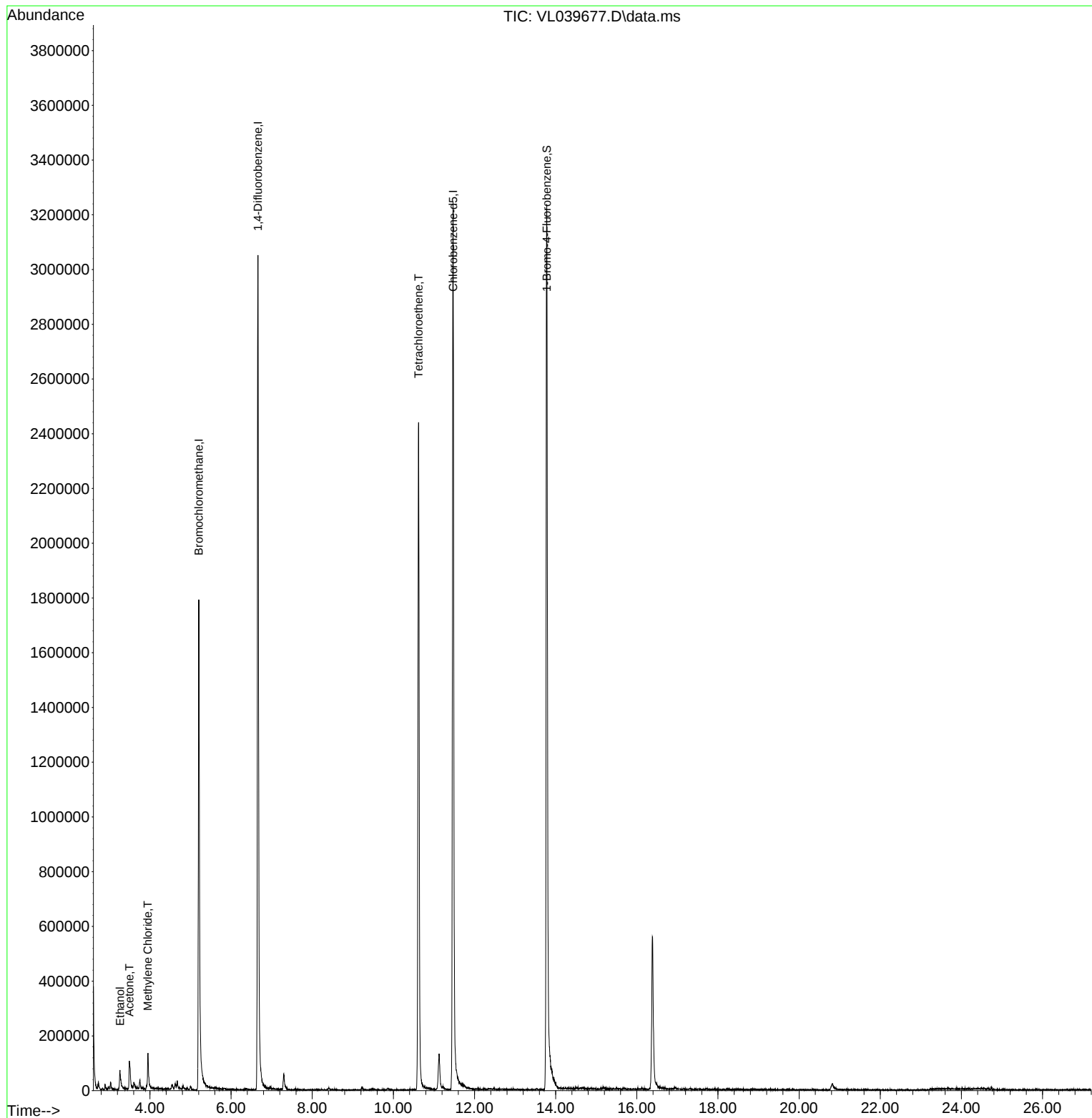
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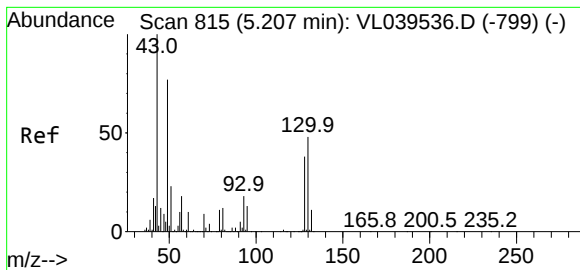
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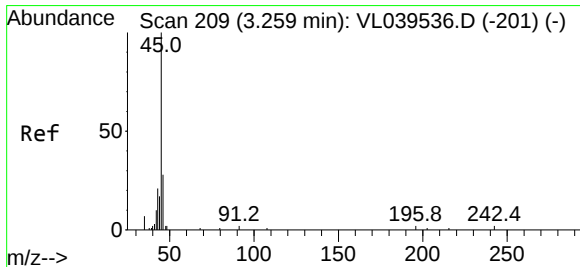
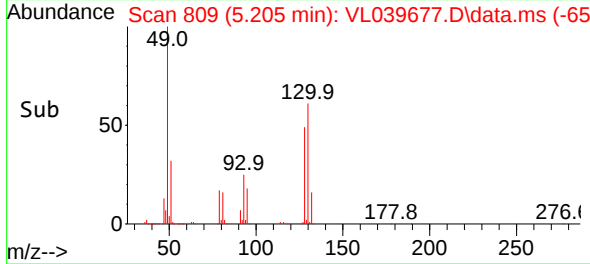
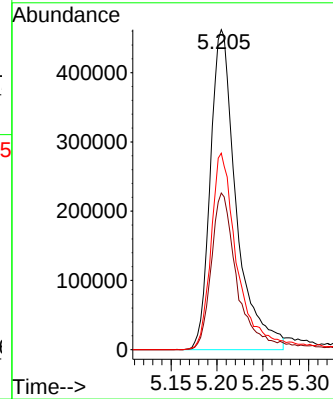
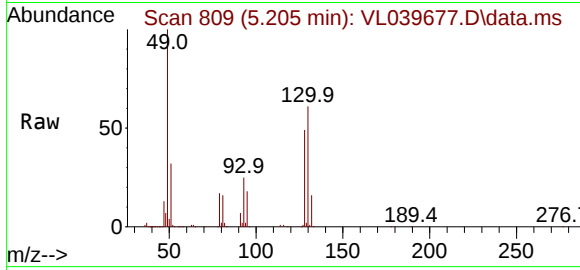
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.002 min
Lab File: VL039677.D
Acq: 23 Sep 2022 8:29

Instrument :
MSVOA_L
ClientSampleId :
C0PG5DL

Tgt Ion: 49 Resp: 908518
Ion Ratio Lower Upper
49 100
128 50.5 26.7 80.0
130 64.6 34.3 102.8

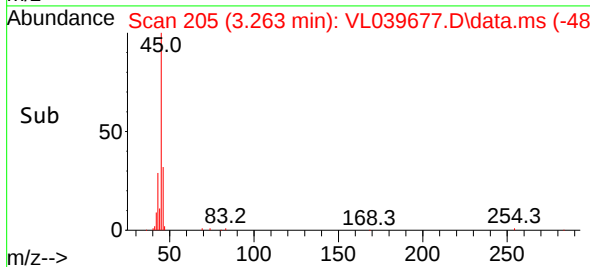
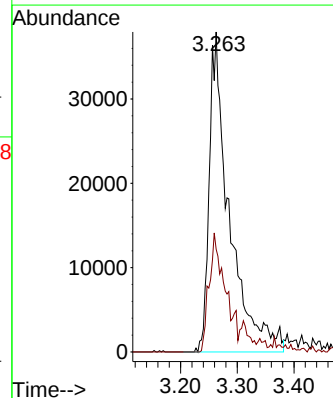
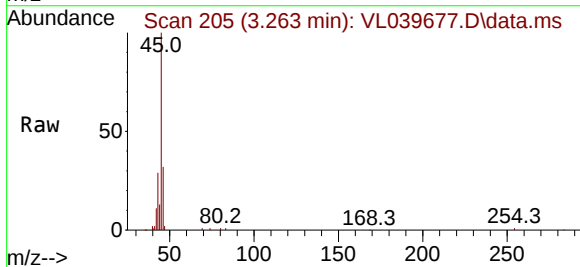
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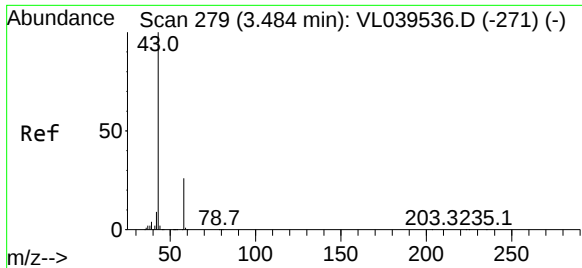
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#13
Ethanol
Concen: 24.854 ppbv m
RT: 3.263 min Scan# 205
Delta R.T. 0.004 min
Lab File: VL039677.D
Acq: 23 Sep 2022 8:29

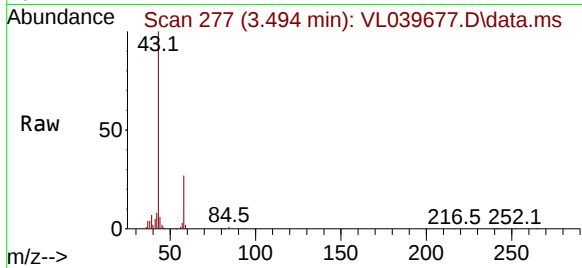
Tgt Ion: 45 Resp: 93248
Ion Ratio Lower Upper
45 100
46 35.9 22.8 91.2





#15
Acetone
Concen: 1.105 ppbv
RT: 3.494 min Scan# 211
Delta R.T. 0.010 min
Lab File: VL039677.D
Acq: 23 Sep 2022 8:29

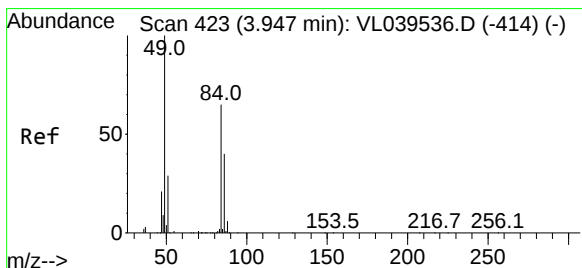
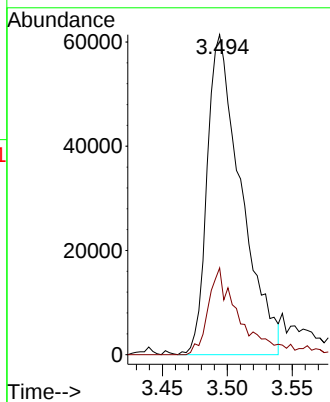
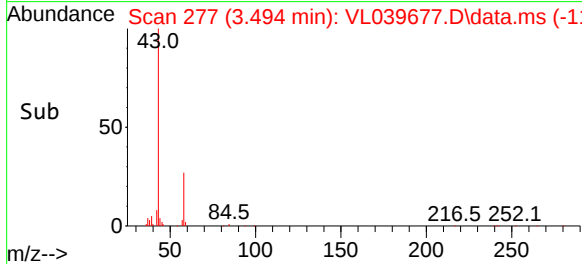
Instrument :
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ClientSampleId :
C0PG5DL



Tgt Ion: 43 Resp: 11168
Ion Ratio Lower Upper
43 100
58 26.3 21.0 31.6

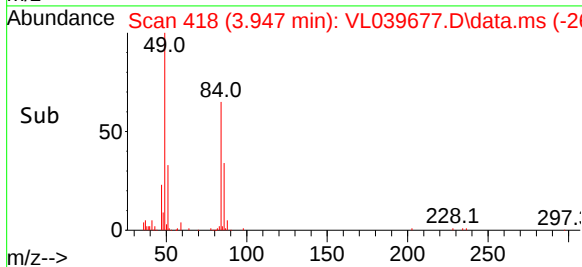
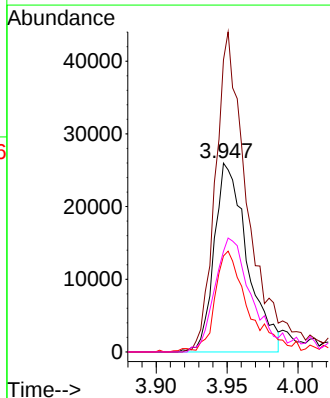
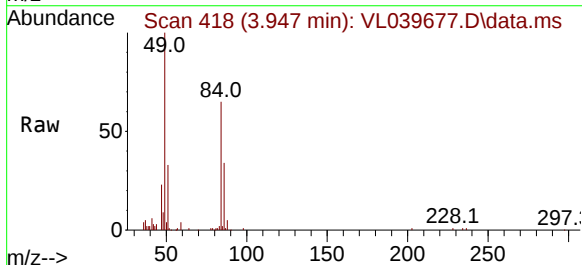
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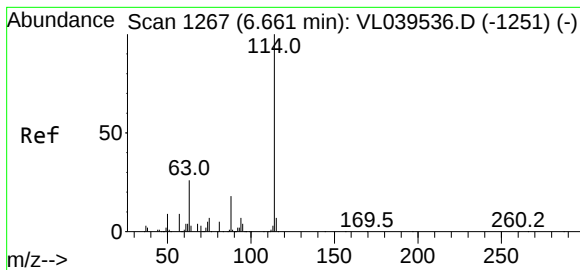
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#20
Methylene Chloride
Concen: 0.901 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.001 min
Lab File: VL039677.D
Acq: 23 Sep 2022 8:29

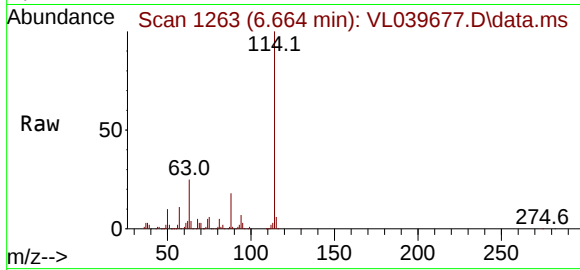
Tgt Ion: 84 Resp: 42124
Ion Ratio Lower Upper
84 100
49 154.7 123.1 184.7
51 51.0 34.4 51.6
86 53.3 51.1 76.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 114
Delta R.T. 0.004 min
Lab File: VL039677.D
Acq: 23 Sep 2022 8:29

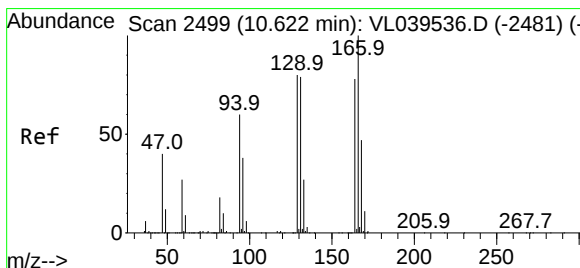
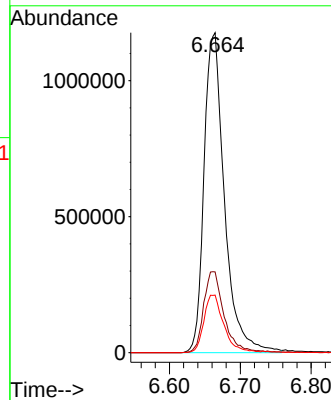
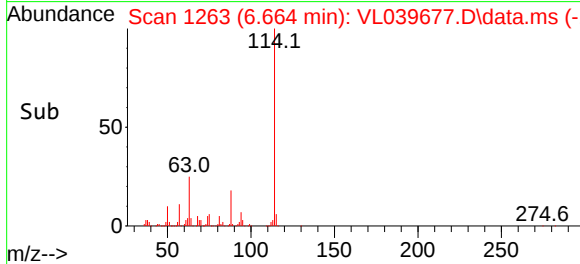
Instrument :
MSVOA_L
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C0PG5DL



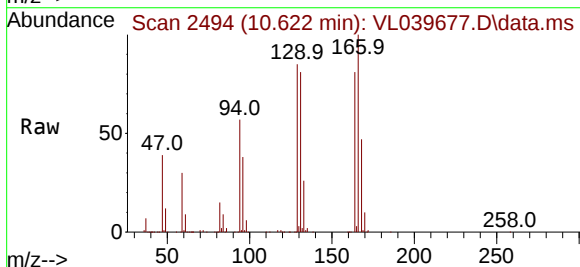
Tgt Ion:114 Resp: 235927
Ion Ratio Lower Upper
114 100
63 25.7 20.2 30.4
88 17.9 14.5 21.7

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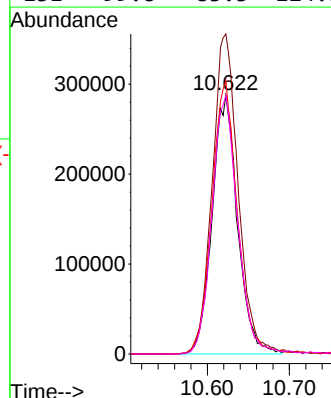
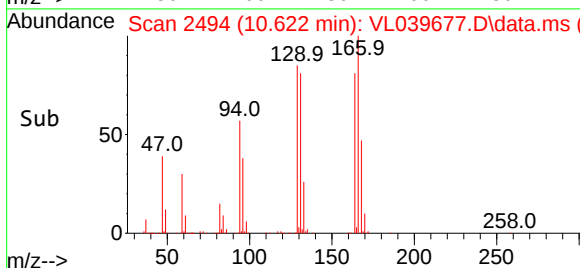
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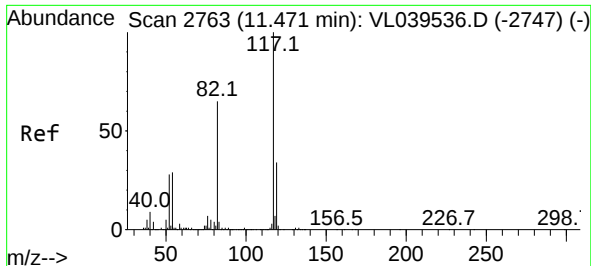


#52
Tetrachloroethene
Concen: 8.958 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.001 min
Lab File: VL039677.D
Acq: 23 Sep 2022 8:29



Tgt Ion:164 Resp: 616452
Ion Ratio Lower Upper
164 100
166 123.5 102.2 153.2
129 105.6 85.8 128.8
131 99.8 83.3 124.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 21

Delta R.T. 0.001 min

Lab File: VL039677.D

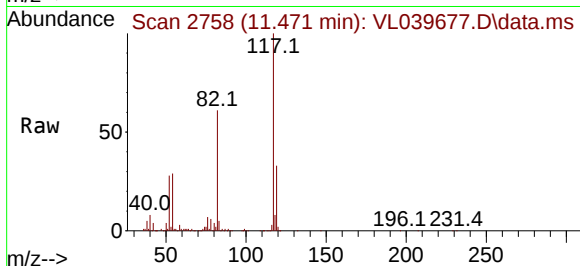
Acq: 23 Sep 2022 8:29

Instrument :

MSVOA_L

ClientSampleId :

C0PG5DL



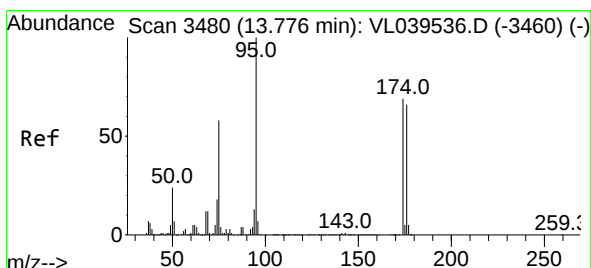
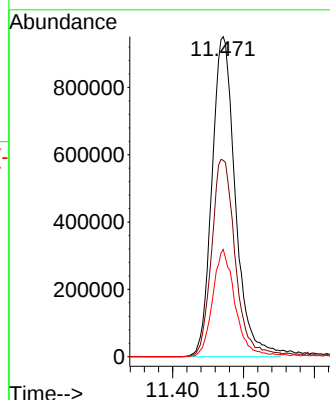
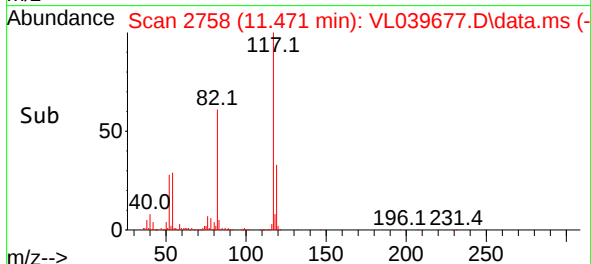
Tgt Ion: 117 Resp: 2183780

Ion	Ratio	Lower	Upper
117	100		
82	64.4	50.8	76.2
119	33.0	24.1	36.1

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.722 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. 0.004 min

Lab File: VL039677.D

Acq: 23 Sep 2022 8:29

Tgt Ion: 95 Resp: 1584866

Ion	Ratio	Lower	Upper
95	100		
174	71.9	55.9	83.9
175	5.4	4.2	6.4

