

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038675.D
 Acq On : 22 Mar 2022 7:24
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/23/2022
 Supervised By :Mahesh Dadoda 03/24/2022

Quant Time: Mar 23 03:41:04 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 2
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.652	49	862101	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.156	114	2170309	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.063	117	1862897	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	1423818	9.969	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%
Target Compounds						
					Qvalue	
15) Acetone	3.870	43	8856m	0.119	ppbv	
32) 1,1,1-Trichloroethane	6.491	97	5158m	0.040	ppbv	
35) Carbon Tetrachloride	7.009	117	4757m	0.038	ppbv	
52) Tetrachloroethene	11.208	164	1860m	0.030	ppbv	

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

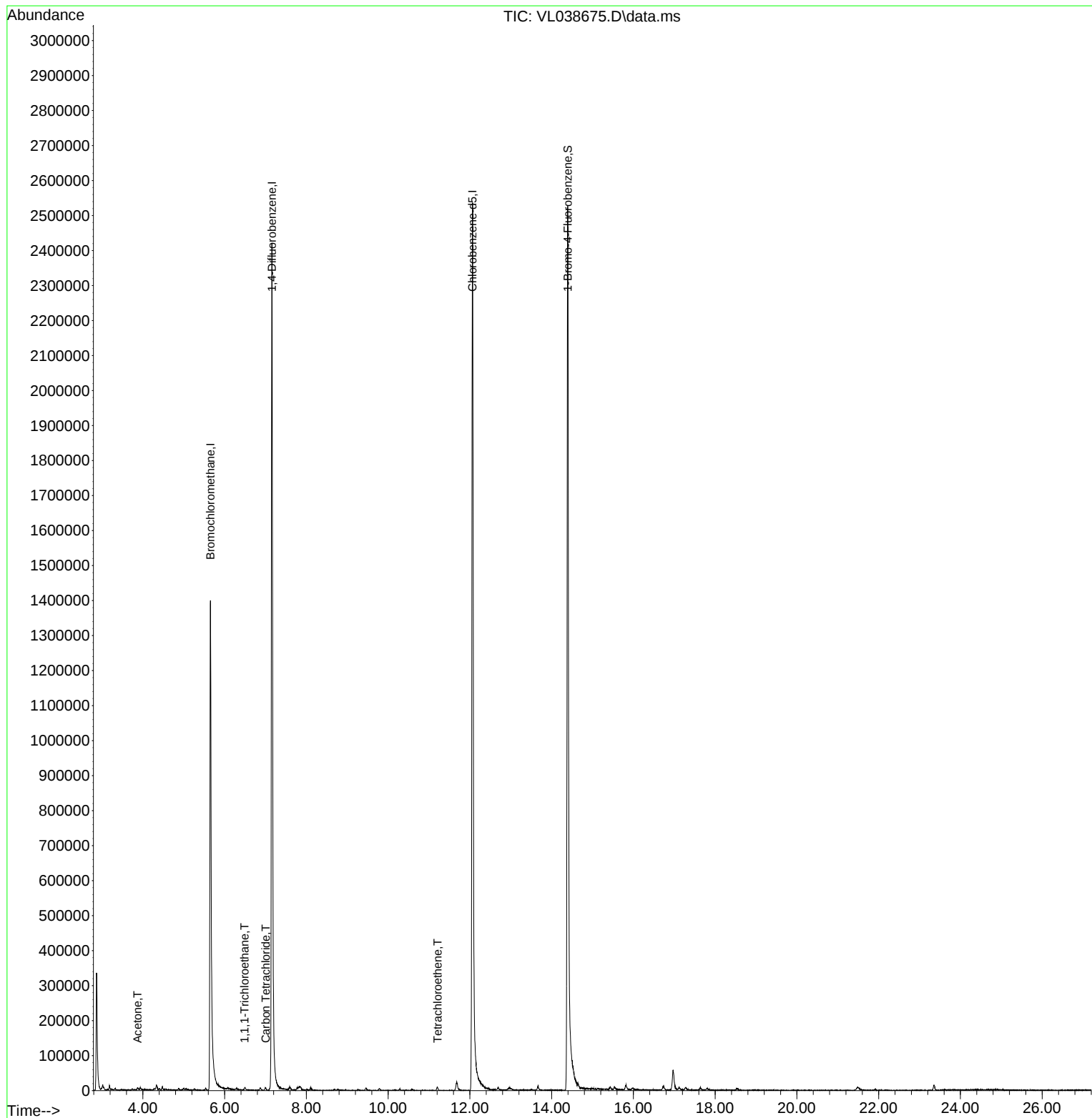
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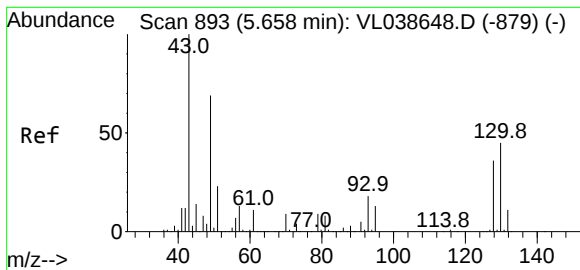
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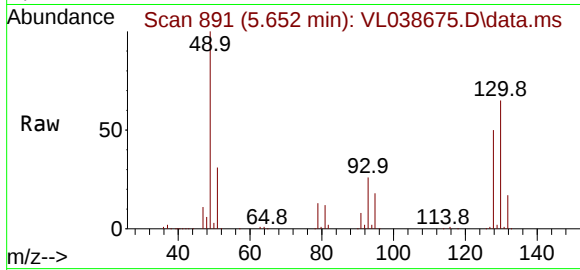
Quant Time: Mar 23 03:41:04 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 893
Delta R.T. -0.006 min
Lab File: VL038675.D
Acq: 22 Mar 2022 7:24

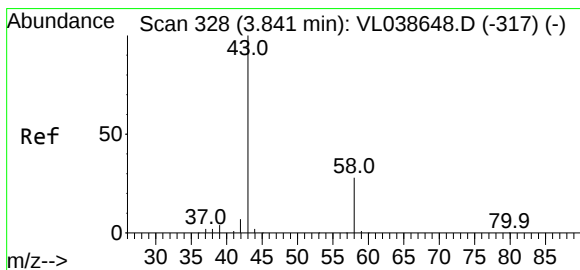
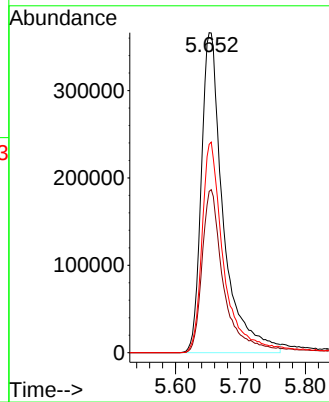
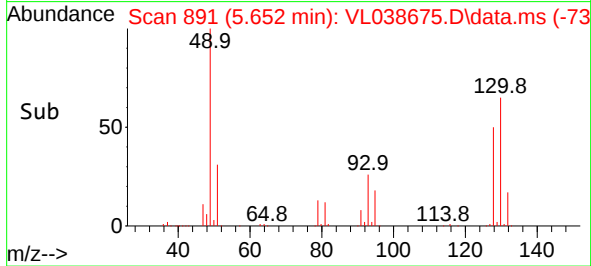
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



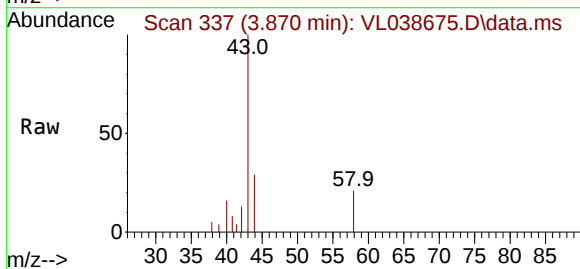
Tgt Ion: 49 Resp: 86210
Ion Ratio Lower Upper
49 100
128 52.5 26.2 78.6
130 67.2 33.7 101.1

Manual Integrations
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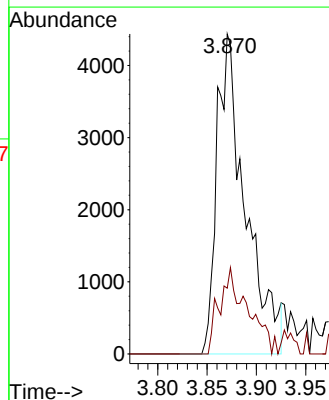
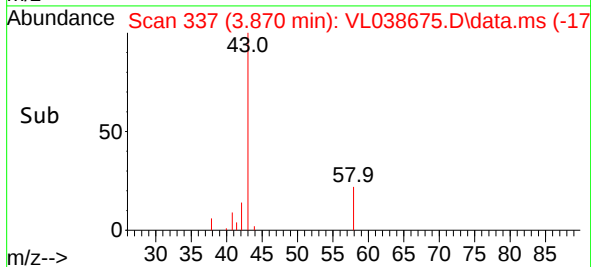
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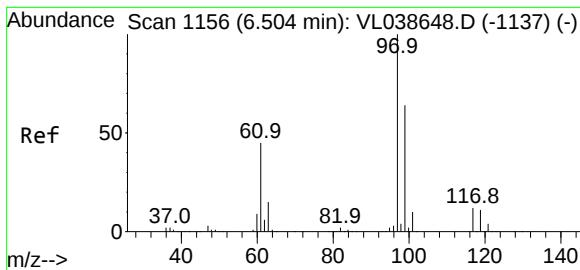


#15
Acetone
Concen: 0.119 ppbv m
RT: 3.870 min Scan# 337
Delta R.T. 0.029 min
Lab File: VL038675.D
Acq: 22 Mar 2022 7:24



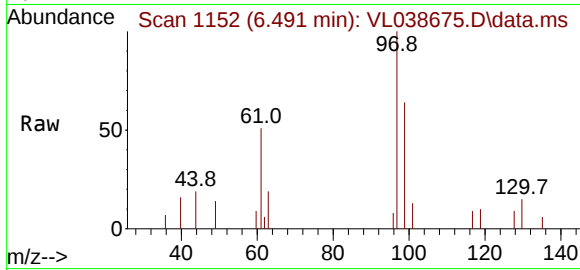
Tgt Ion: 43 Resp: 8856
Ion Ratio Lower Upper
43 100
58 0.0 23.3 34.9





#32
1,1,1-Trichloroethane
Concen: 0.040 ppbv m
RT: 6.491 min Scan# 1156
Delta R.T. -0.013 min
Lab File: VL038675.D
Acq: 22 Mar 2022 7:24

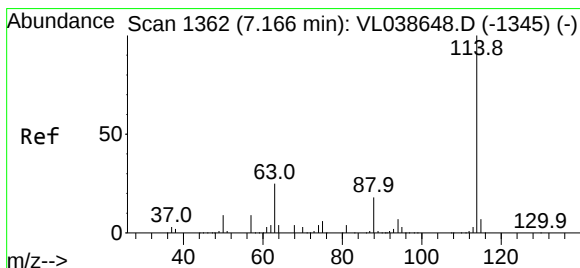
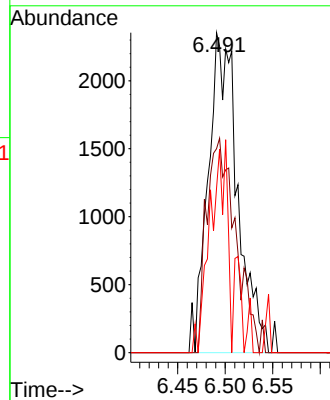
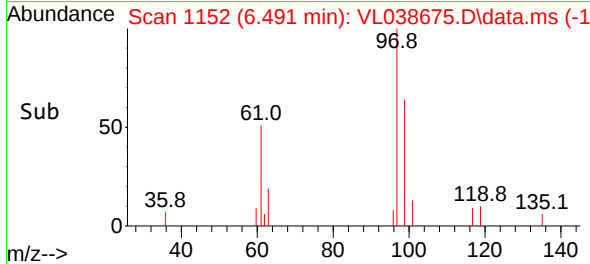
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion: 97 Resp: 5158
Ion Ratio Lower Upper
97 100
99 65.4 51.8 77.8
61 0.0 36.7 55.1

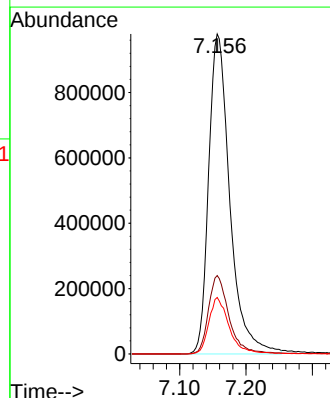
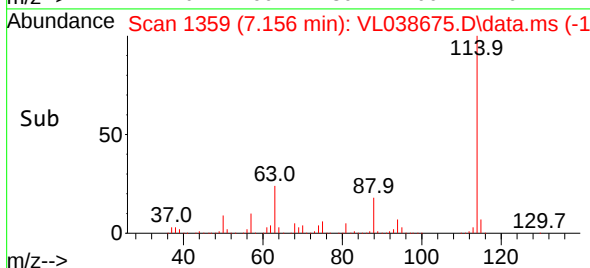
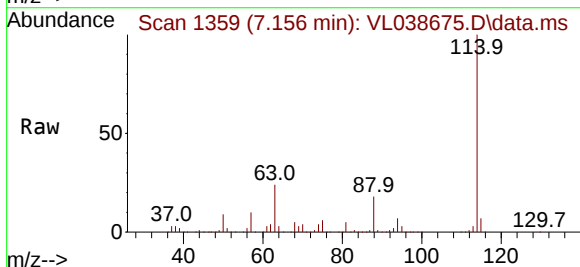
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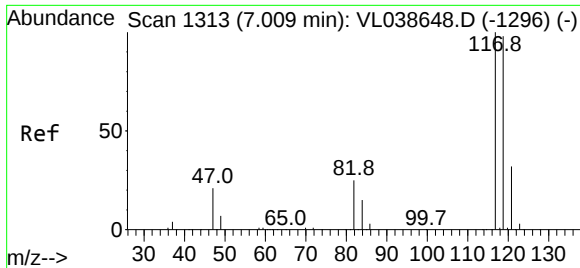
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/24/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.156 min Scan# 1359
Delta R.T. -0.010 min
Lab File: VL038675.D
Acq: 22 Mar 2022 7:24

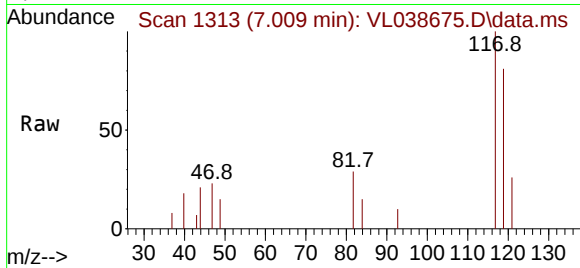
Tgt Ion:114 Resp: 2170309
Ion Ratio Lower Upper
114 100
63 24.2 19.4 29.0
88 17.2 13.9 20.9





#35
Carbon Tetrachloride
Concen: 0.038 ppbv m
RT: 7.009 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL038675.D
Acq: 22 Mar 2022 7:24

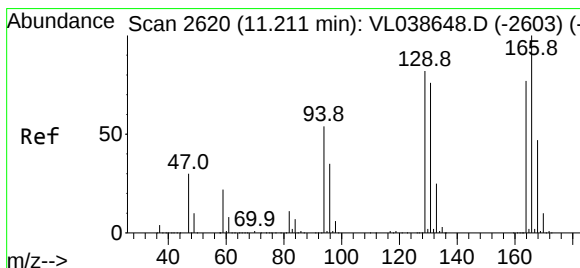
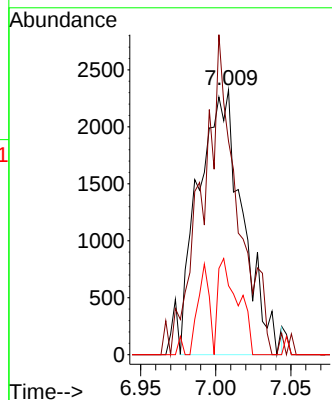
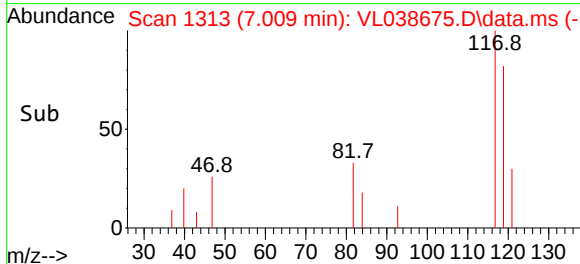
Instrument : MSVOA_L
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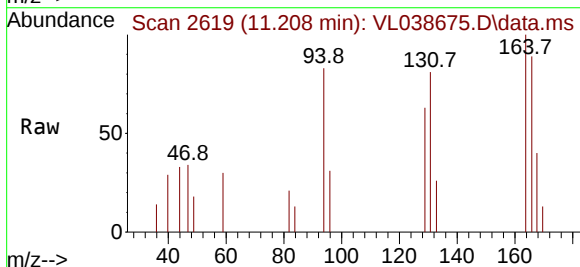
Tgt Ion:117 Resp: 475
Ion Ratio Lower Upper
117 100
119 80.6 78.1 117.1
121 26.0 25.8 38.6

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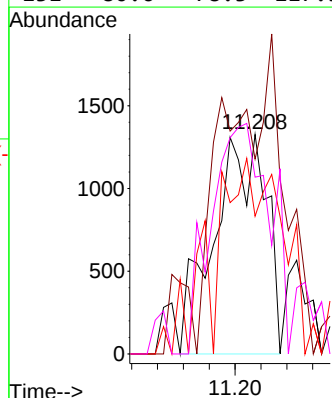
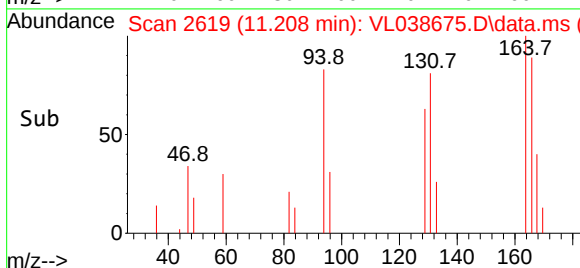
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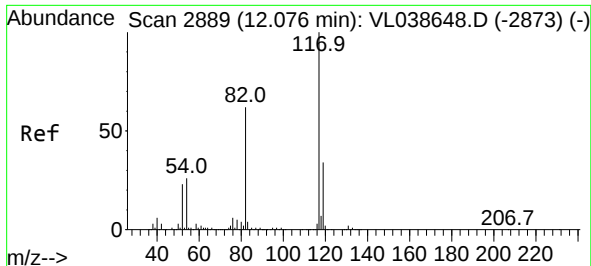


#52
Tetrachloroethene
Concen: 0.030 ppbv m
RT: 11.208 min Scan# 2619
Delta R.T. -0.003 min
Lab File: VL038675.D
Acq: 22 Mar 2022 7:24



Tgt Ion:164 Resp: 1860
Ion Ratio Lower Upper
164 100
166 88.8 103.3 154.9#
129 62.8 85.2 127.8#
131 80.6 78.3 117.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.063 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL038675.D

Acq: 22 Mar 2022 7:24

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

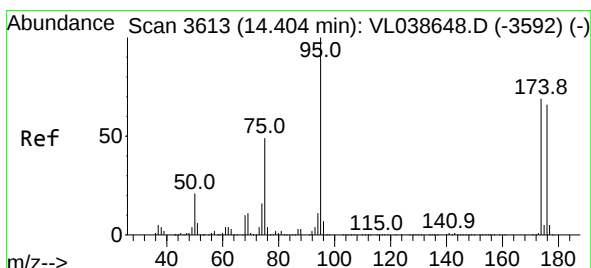
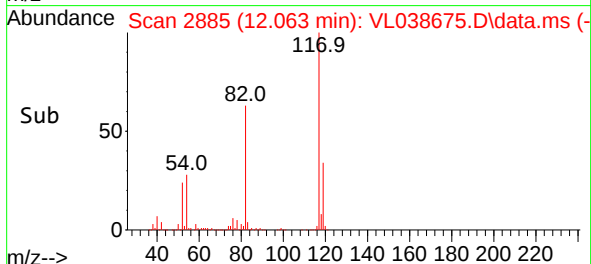
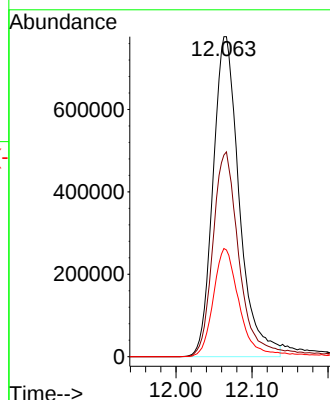
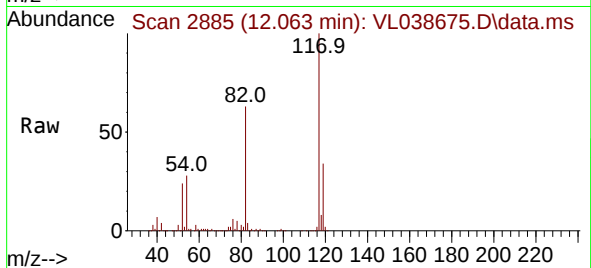
Tgt Ion: 117 Resp: 186289

Ion	Ratio	Lower	Upper
117	100		
82	67.4	51.6	77.4
119	34.3	26.9	40.3

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.969 ppbv

RT: 14.394 min Scan# 3610

Delta R.T. -0.010 min

Lab File: VL038675.D

Acq: 22 Mar 2022 7:24

Tgt Ion: 95 Resp: 1423818

Ion	Ratio	Lower	Upper
95	100		
174	71.1	56.1	84.1
175	5.0	4.2	6.2

