

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039672.D
 Acq On : 22 Sep 2022 18:58
 Operator : SY/AP
 Sample : N4669-13DL 10X
 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 06:36:36 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	5.224	49	939826	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.680	114	2424519	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.494	117	2286517	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.806	95	1667371	9.769	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.700%
Target Compounds						
					Qvalue	
13) Ethanol	3.275	45	226193	58.280	ppbv	72
15) Acetone	3.507	43	288602	2.760	ppbv	98
20) Methylene Chloride	3.967	84	114088	2.360	ppbv	94
26) Hexane	5.243	57	44430	0.459	ppbv #	46
34) 2-Butanone	4.828	43	37144m	0.312	ppbv	
38) Trichloroethene	7.317	130	46057m	0.460	ppbv	
52) Tetrachloroethene	10.645	164	1715278	24.255	ppbv	98

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

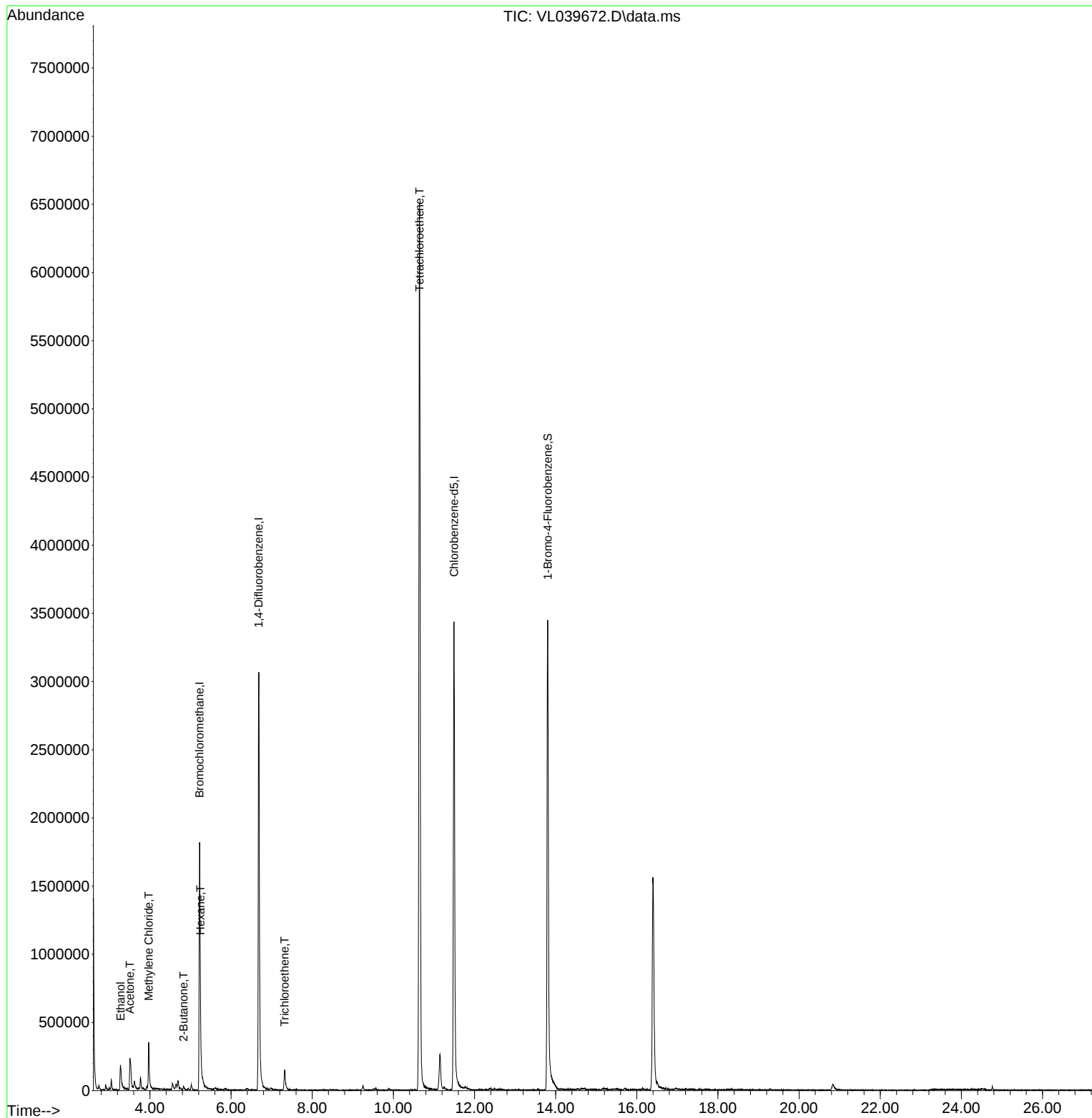
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
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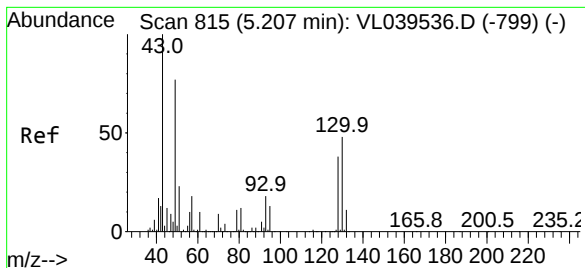
Instrument :
MSVOA_L
ClientSampleId :
C0PG5DL

Quant Time: Sep 23 06:36:36 2022
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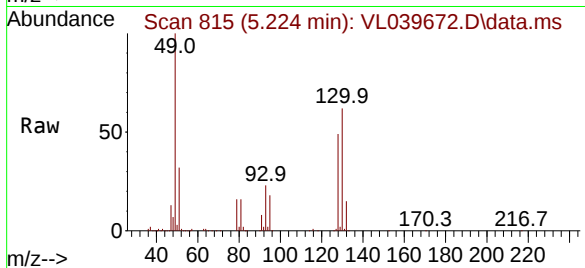
Reviewed By : Semsettin Yesilyurt 09/27/2022
Supervised By : Mahesh Dadoda 09/28/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.017 min
Lab File: VL039672.D
Acq: 22 Sep 2022 18:58

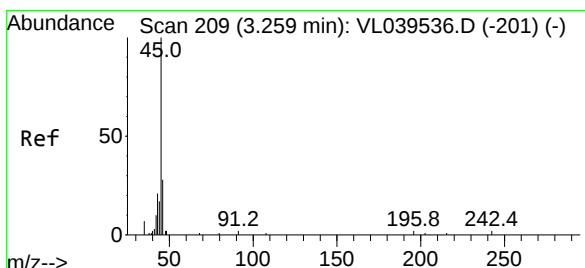
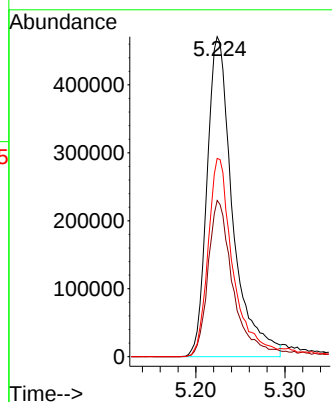
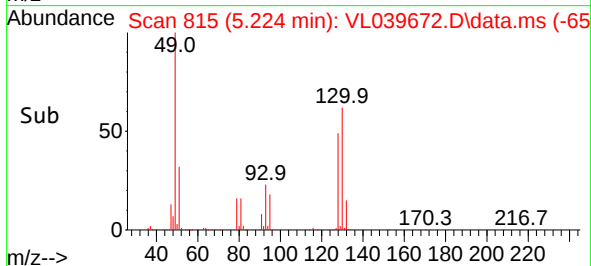
Instrument :
MSVOA_L
ClientSampleId :
C0PG5DL



Tgt Ion: 49 Resp: 939820
Ion Ratio Lower Upper
49 100
128 50.0 26.7 80.0
130 65.4 34.3 102.8

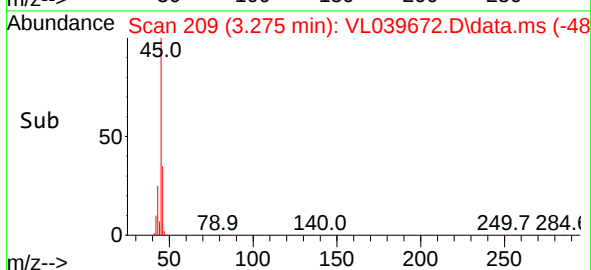
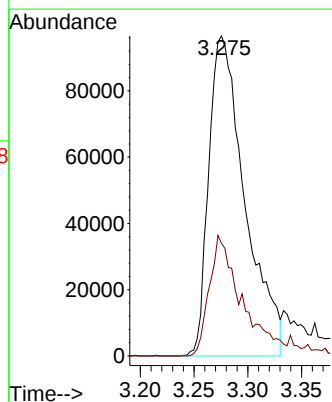
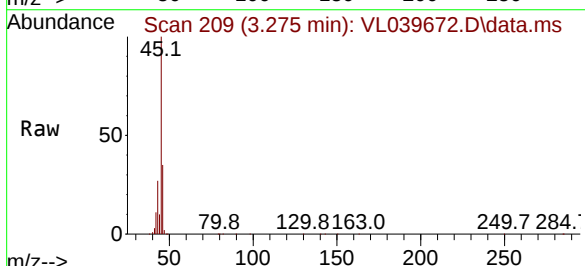
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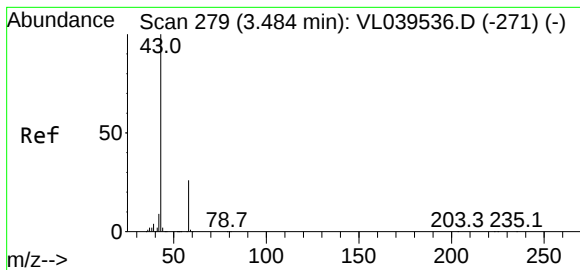
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#13
Ethanol
Concen: 58.280 ppbv
RT: 3.275 min Scan# 209
Delta R.T. 0.017 min
Lab File: VL039672.D
Acq: 22 Sep 2022 18:58

Tgt Ion: 45 Resp: 226193
Ion Ratio Lower Upper
45 100
46 36.6 22.8 91.2





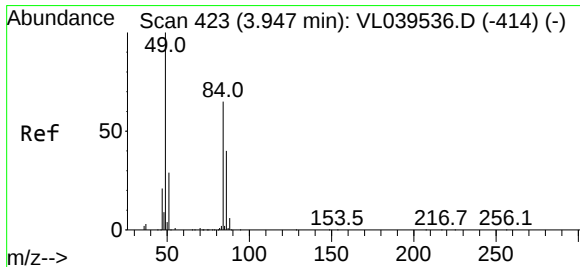
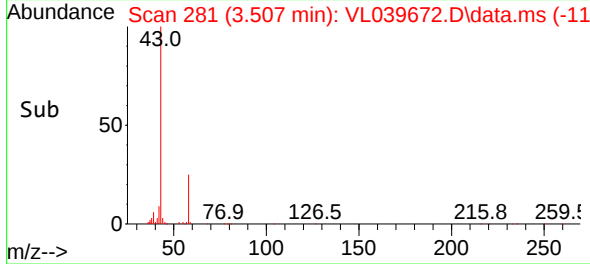
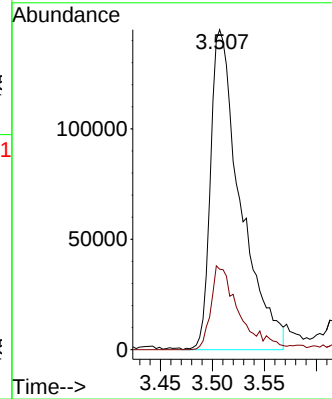
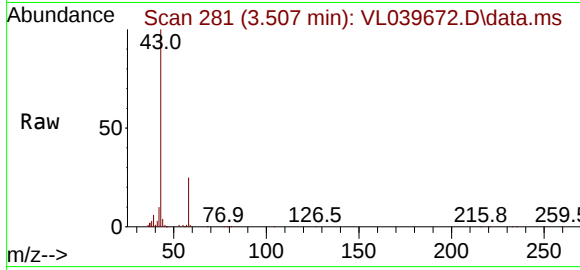
#15
Acetone
Concen: 2.760 ppbv
RT: 3.507 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL039672.D
Acq: 22 Sep 2022 18:58

Instrument :
MSVOA_L
ClientSampleId :
C0PG5DL

Tgt Ion: 43 Resp: 288602
Ion Ratio Lower Upper
43 100
58 25.3 21.0 31.6

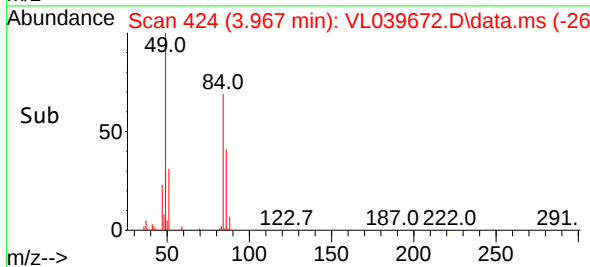
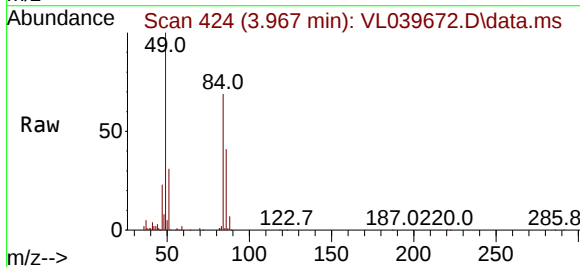
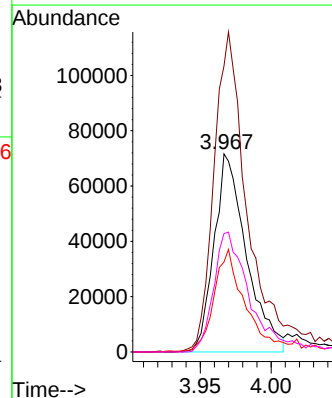
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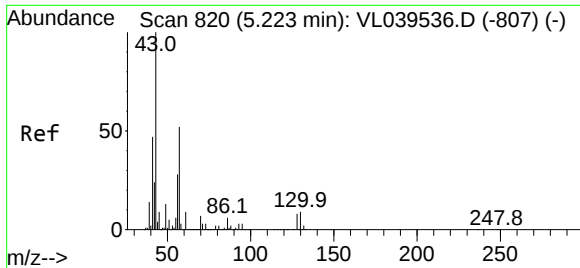
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#20
Methylene Chloride
Concen: 2.360 ppbv
RT: 3.967 min Scan# 424
Delta R.T. 0.020 min
Lab File: VL039672.D
Acq: 22 Sep 2022 18:58

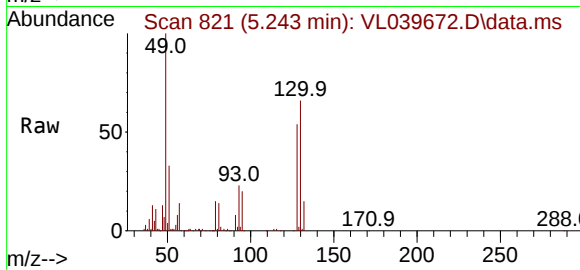
Tgt Ion: 84 Resp: 114088
Ion Ratio Lower Upper
84 100
49 143.8 123.1 184.7
51 44.8 34.4 51.6
86 59.8 51.1 76.7





#26
Hexane
Concen: 0.459 ppbv
RT: 5.243 min Scan# 81
Delta R.T. 0.020 min
Lab File: VL039672.D
Acq: 22 Sep 2022 18:58

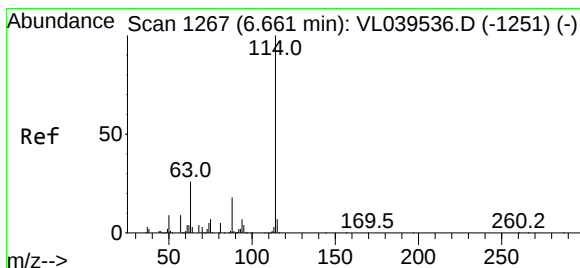
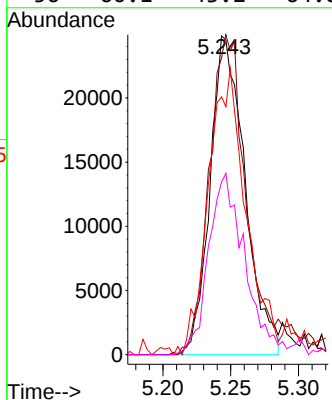
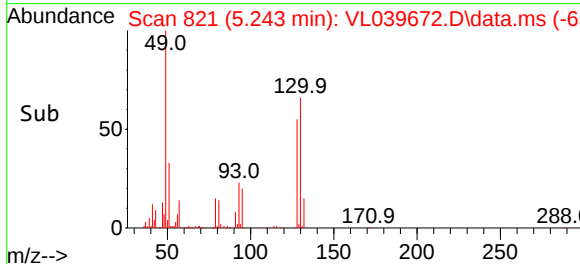
Instrument :
MSVOA_L
ClientSampleId :
C0PG5DL



Tgt Ion: 57 Resp: 44430
Ion Ratio Lower Upper
57 100
41 117.0 76.9 115.3
43 107.6 191.0 286.6
56 60.1 43.2 64.8

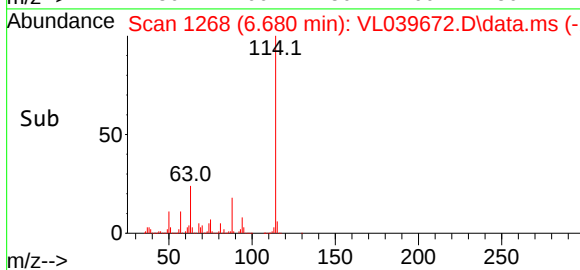
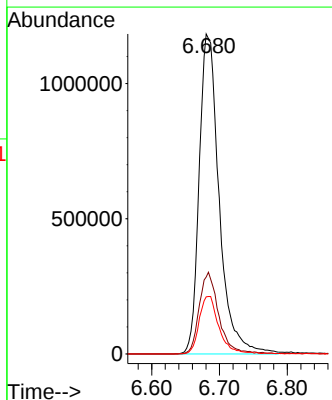
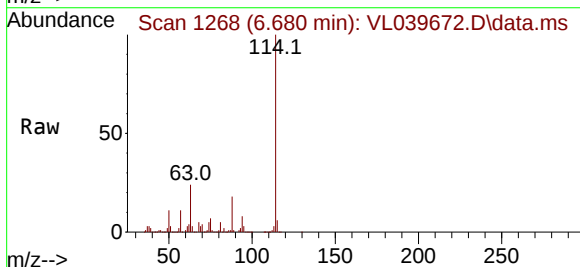
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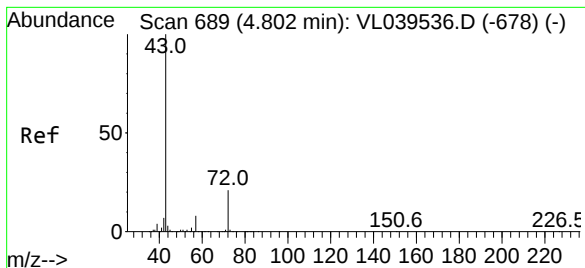
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.680 min Scan# 1268
Delta R.T. 0.020 min
Lab File: VL039672.D
Acq: 22 Sep 2022 18:58

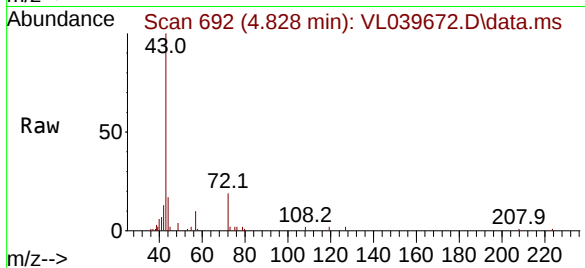
Tgt Ion:114 Resp: 2424519
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 17.9 14.5 21.7





#34
2-Butanone
Concen: 0.312 ppbv m
RT: 4.828 min Scan# 692
Delta R.T. 0.026 min
Lab File: VL039672.D
Acq: 22 Sep 2022 18:58

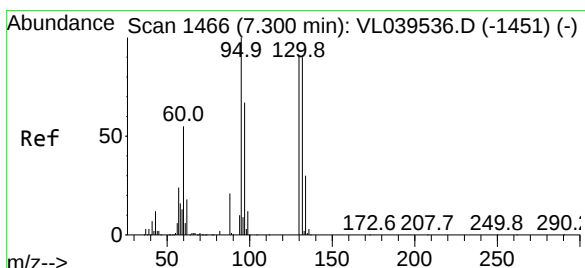
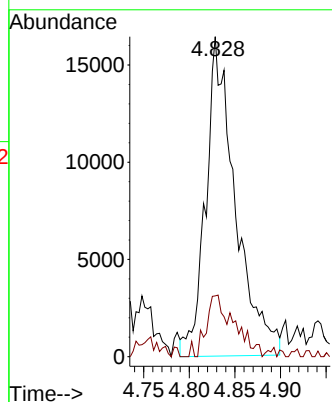
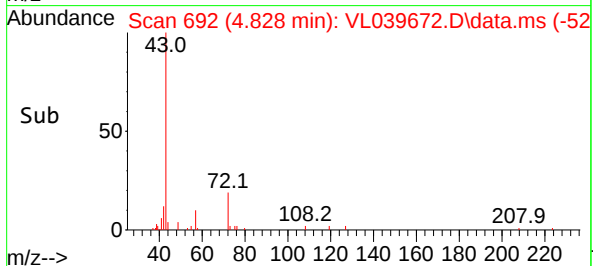
Instrument :
MSVOA_L
ClientSampleId :
C0PG5DL



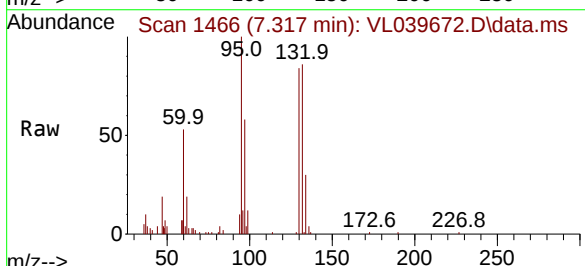
Tgt Ion: 43 Resp: 37144
Ion Ratio Lower Upper
43 100
72 19.1 17.9 26.9

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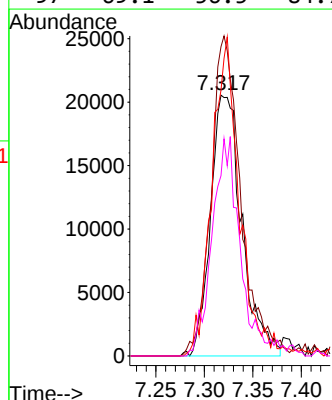
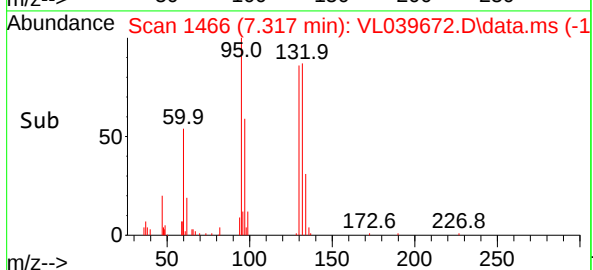
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

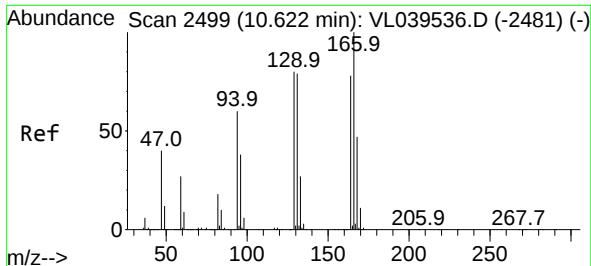


#38
Trichloroethene
Concen: 0.460 ppbv m
RT: 7.317 min Scan# 1466
Delta R.T. 0.017 min
Lab File: VL039672.D
Acq: 22 Sep 2022 18:58



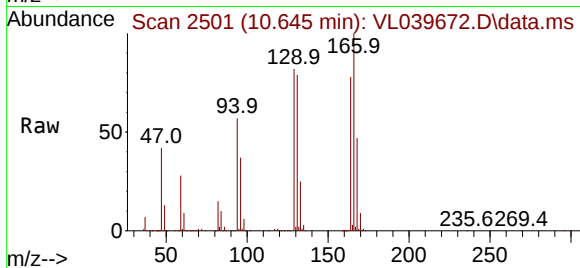
Tgt Ion:130 Resp: 46057
Ion Ratio Lower Upper
130 100
95 118.6 87.3 130.9
132 101.9 76.7 115.1
97 69.1 56.5 84.7





#52
Tetrachloroethene
Concen: 24.255 ppbv
RT: 10.645 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL039672.D
Acq: 22 Sep 2022 18:58

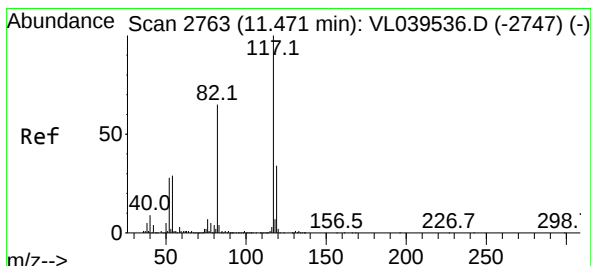
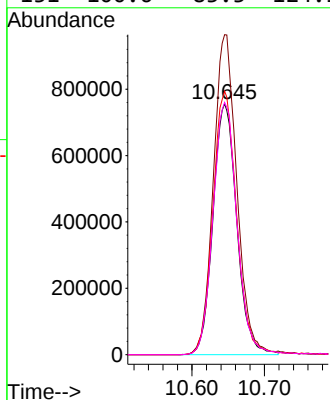
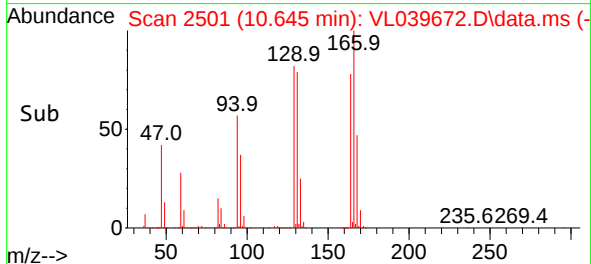
Instrument :
MSVOA_L
ClientSampleId :
C0PG5DL



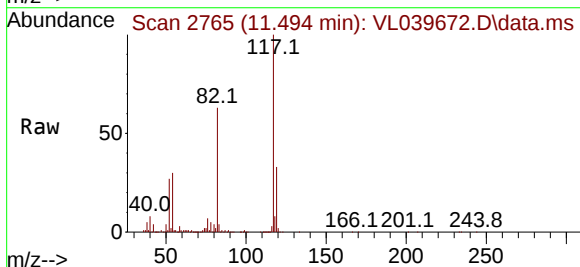
Tgt Ion:164 Resp: 1715278
Ion Ratio Lower Upper
164 100
166 127.5 102.2 153.2
129 105.0 85.8 128.8
131 100.6 83.3 124.9

Manual Integrations
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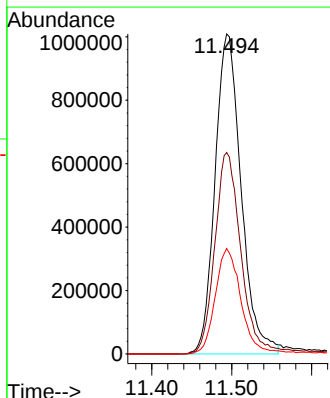
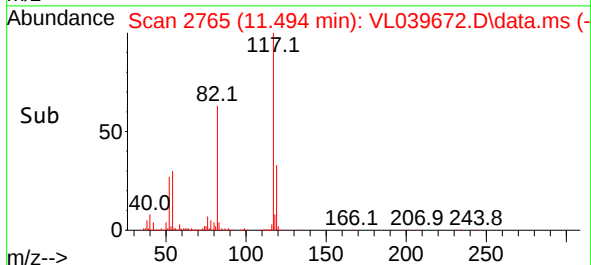
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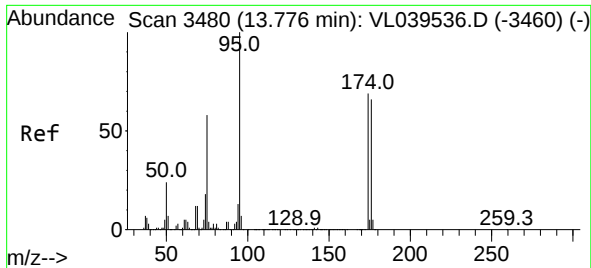


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. 0.023 min
Lab File: VL039672.D
Acq: 22 Sep 2022 18:58



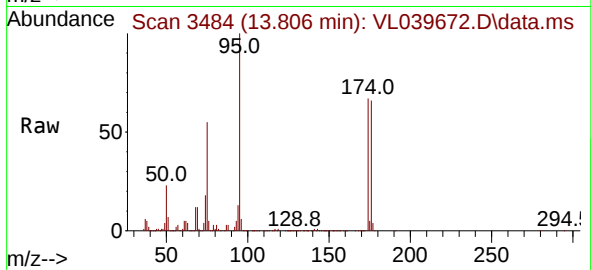
Tgt Ion:117 Resp: 2286517
Ion Ratio Lower Upper
117 100
82 64.6 50.8 76.2
119 33.4 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.769 ppbv
 RT: 13.806 min Scan# 3484
 Delta R.T. 0.030 min
 Lab File: VL039672.D
 Acq: 22 Sep 2022 18:58

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 166737

Ion	Ratio	Lower	Upper
95	100		
174	73.1	55.9	83.9
175	5.5	4.2	6.4

Manual Integrations
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