

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041322\
 Data File : VL038909.D
 Acq On : 13 Apr 2022 18:54
 Operator : SY/AP
 Sample : N2383-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2022
 Supervised By :Mahesh Dadoda 04/18/2022

Quant Time: Apr 14 08:26:23 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 0
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	1162899	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.182	114	2696266	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	2338475	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	1918819	10.818	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.200%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.999	51	17772	0.125	ppbv	95
9) Propene	3.031	41	8303	0.111	ppbv	92
13) Ethanol	3.607	45	261168m	57.233	ppbv	
15) Acetone	3.864	43	95825	0.828	ppbv	98
20) Methylene Chloride	4.349	84	21868m	0.521	ppbv	

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

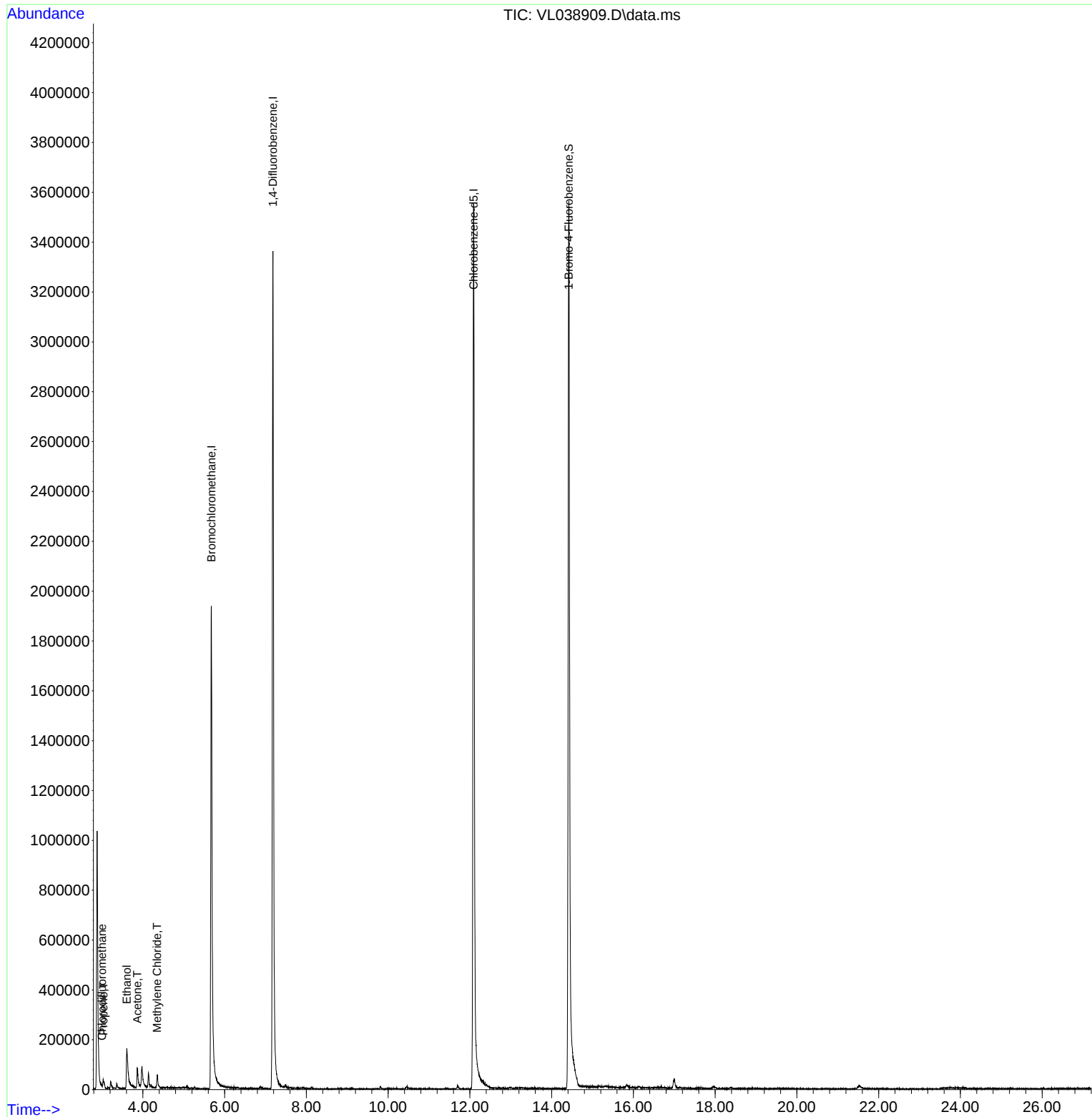
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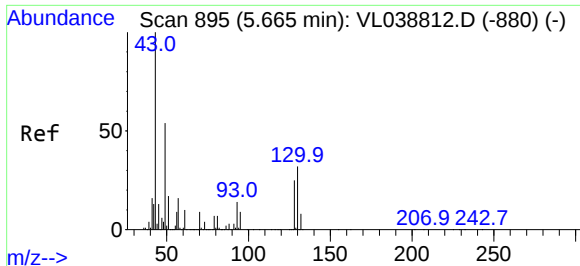
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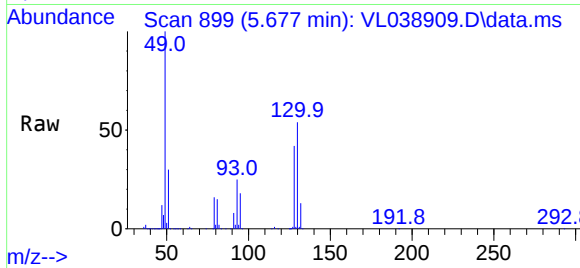
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.013 min
Lab File: VL038909.D
Acq: 13 Apr 2022 18:54

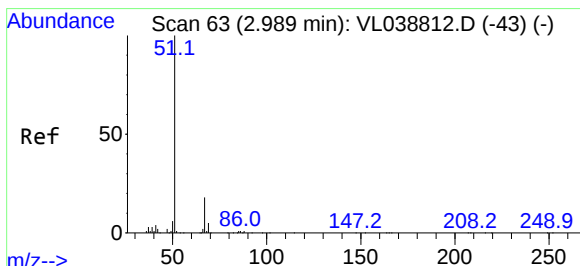
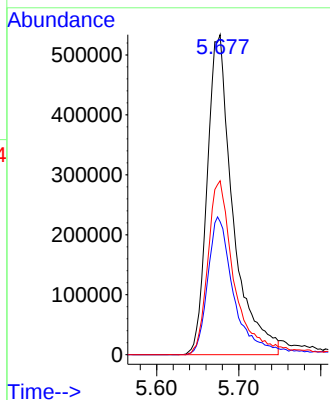
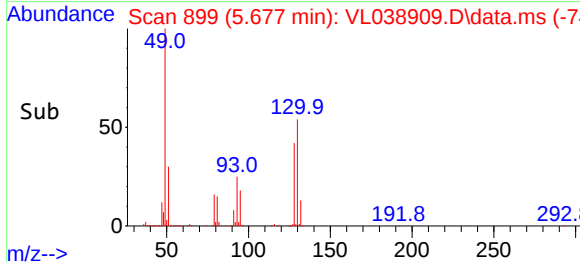
Instrument :
MSVOA_L
ClientSampleId :
1DL



Tgt Ion: 49 Resp: 116289
Ion Ratio Lower Upper
49 100
128 46.4 24.1 72.3
130 59.0 30.9 92.8

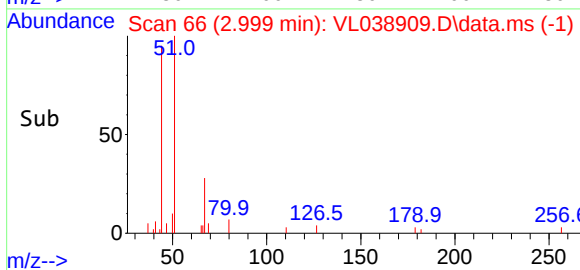
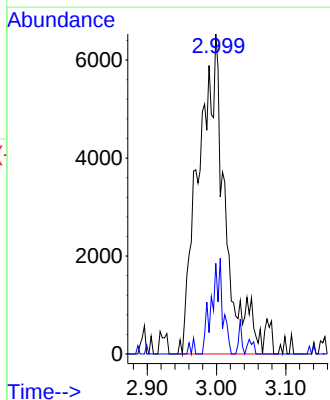
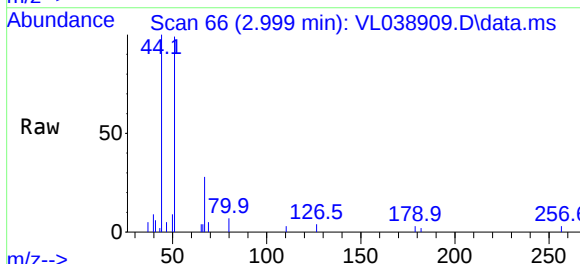
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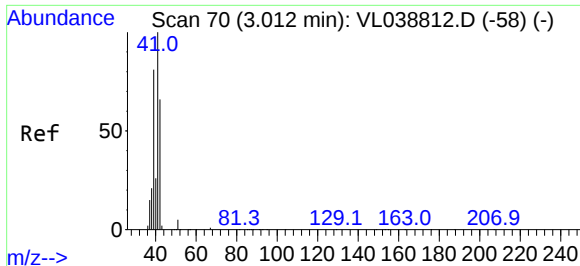
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Supervised By :Mahesh Dadoda 04/18/2022



#3
Chlorodifluoromethane
Concen: 0.125 ppbv
RT: 2.999 min Scan# 66
Delta R.T. 0.009 min
Lab File: VL038909.D
Acq: 13 Apr 2022 18:54

Tgt Ion: 51 Resp: 17772
Ion Ratio Lower Upper
51 100
67 14.4 13.4 20.0





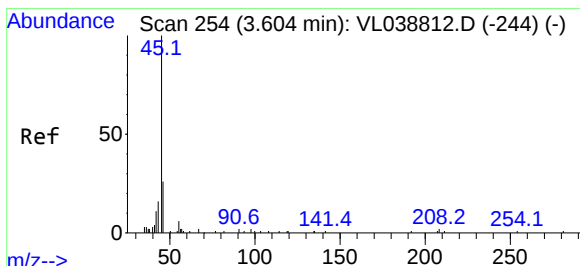
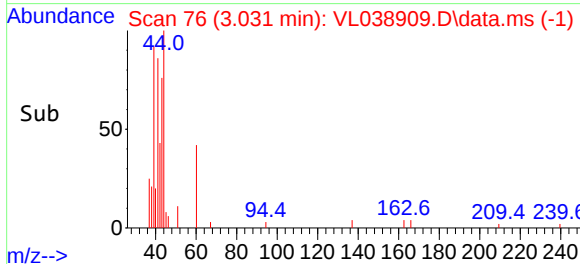
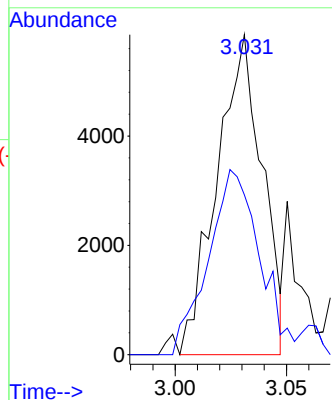
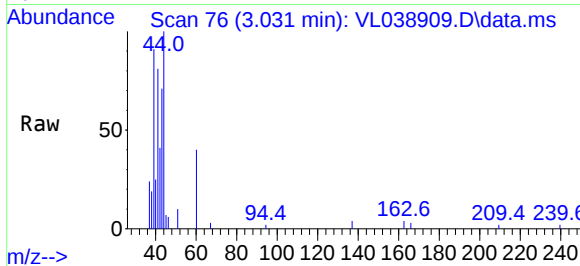
#9
Propene
Concen: 0.111 ppbv
RT: 3.031 min Scan# 70
Delta R.T. 0.019 min
Lab File: VL038909.D
Acq: 13 Apr 2022 18:54

Instrument :
MSVOA_L
ClientSampleId :
1DL

Tgt Ion: 41 Resp: 830
Ion Ratio Lower Upper
41 100
42 74.2 54.2 81.4

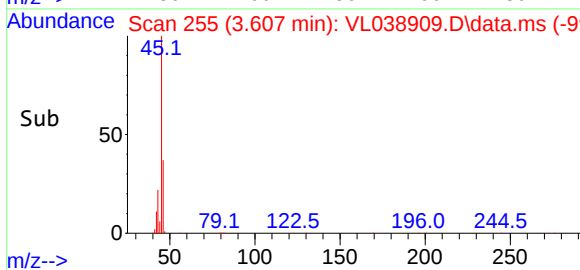
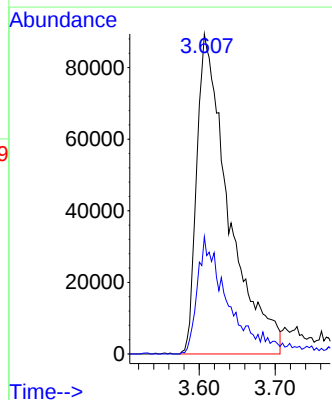
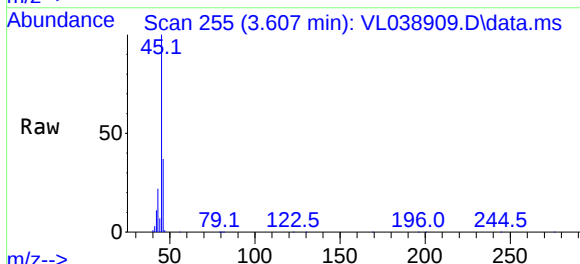
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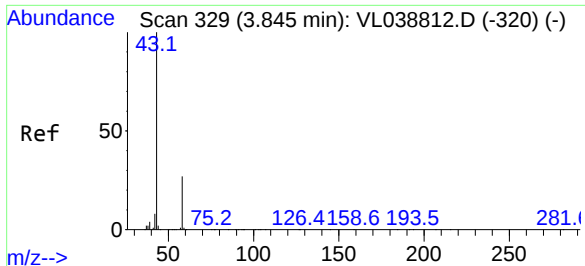
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#13
Ethanol
Concen: 57.233 ppbv m
RT: 3.607 min Scan# 255
Delta R.T. 0.003 min
Lab File: VL038909.D
Acq: 13 Apr 2022 18:54

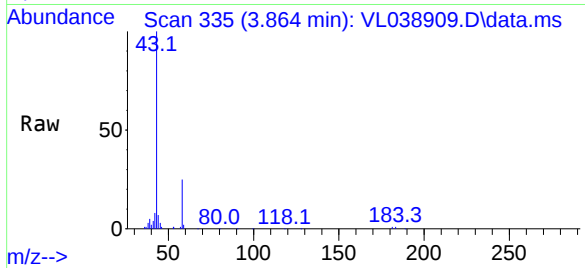
Tgt Ion: 45 Resp: 261168
Ion Ratio Lower Upper
45 100
46 37.5 0.0 0.0#





#15
Acetone
Concen: 0.828 ppbv
RT: 3.864 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL038909.D
Acq: 13 Apr 2022 18:54

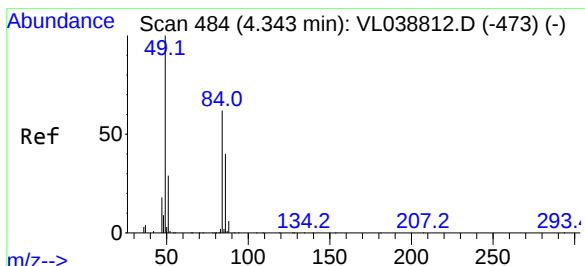
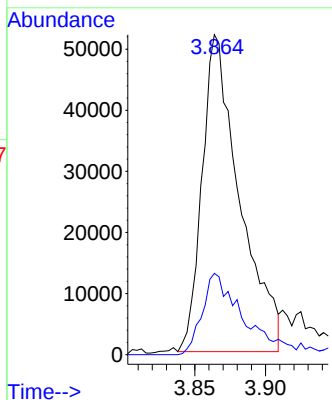
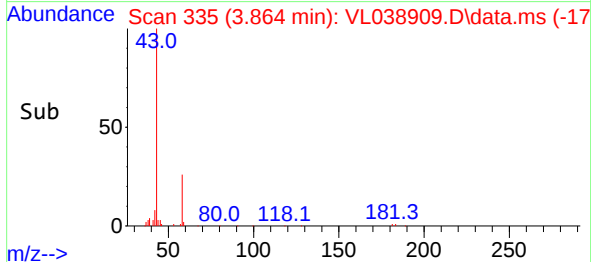
Instrument :
MSVOA_L
ClientSampleId :
1DL



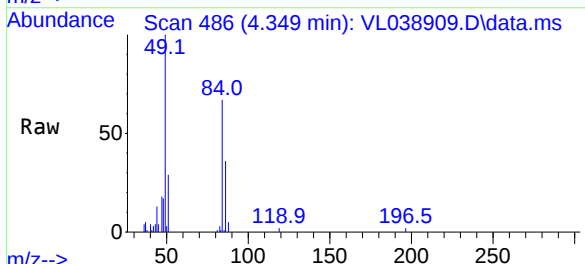
Tgt Ion: 43 Resp: 95829
Ion Ratio Lower Upper
43 100
58 29.1 22.5 33.7

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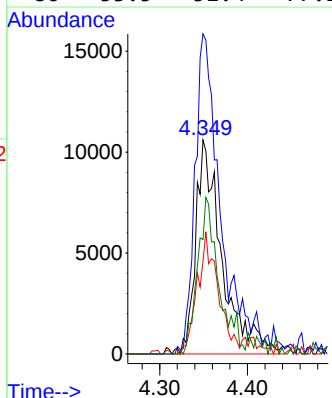
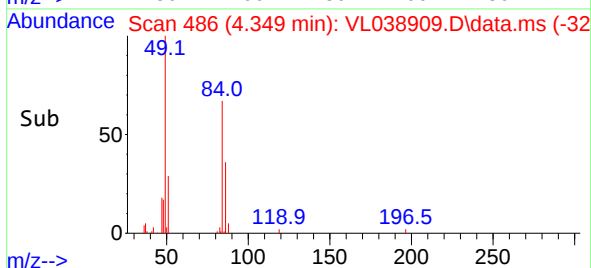
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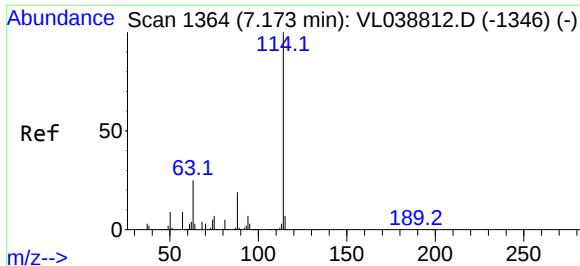


#20
Methylene Chloride
Concen: 0.521 ppbv m
RT: 4.349 min Scan# 486
Delta R.T. 0.006 min
Lab File: VL038909.D
Acq: 13 Apr 2022 18:54



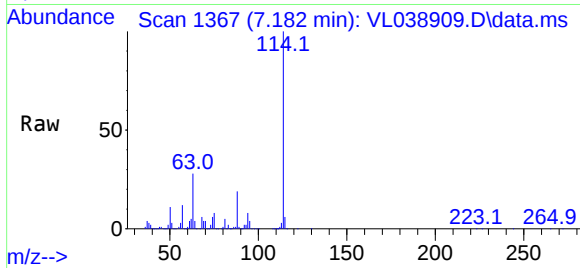
Tgt Ion: 84 Resp: 21868
Ion Ratio Lower Upper
84 100
49 149.6 129.4 194.0
51 43.3 37.4 56.2
86 53.5 51.4 77.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. 0.009 min
Lab File: VL038909.D
Acq: 13 Apr 2022 18:54

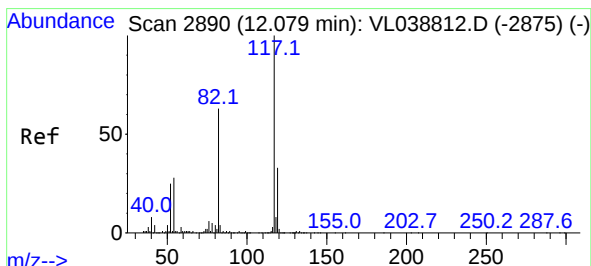
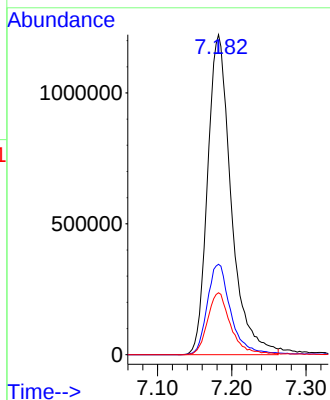
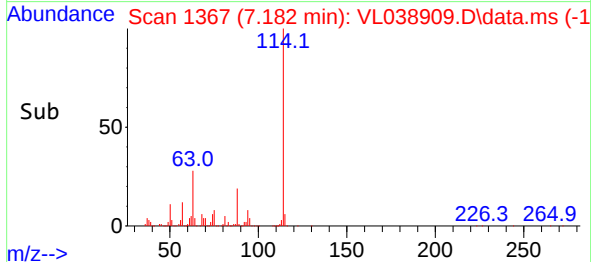
Instrument :
MSVOA_L
ClientSampleId :
1DL



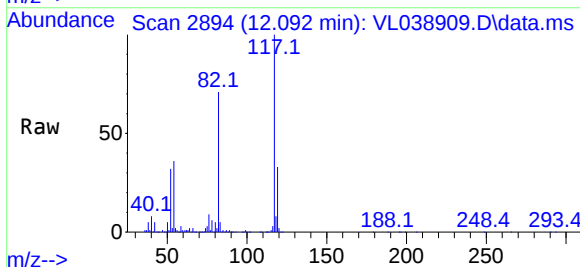
Tgt Ion:114 Resp: 2696260
Ion Ratio Lower Upper
114 100
63 28.9 19.8 29.8
88 19.3 14.2 21.4

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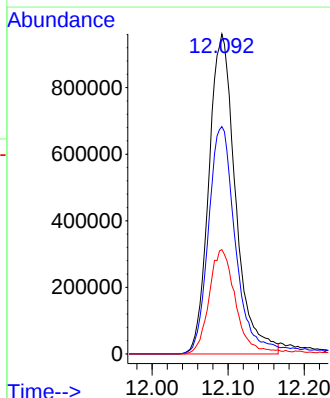
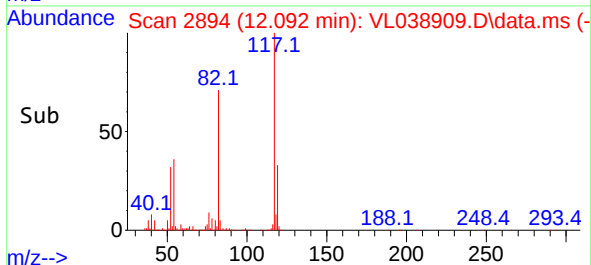
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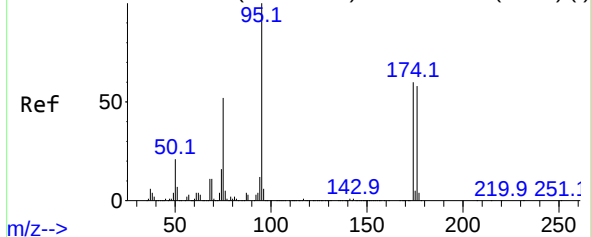
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. 0.013 min
Lab File: VL038909.D
Acq: 13 Apr 2022 18:54



Tgt Ion:117 Resp: 2338475
Ion Ratio Lower Upper
117 100
82 74.9 53.0 79.6
119 34.1 24.9 37.3

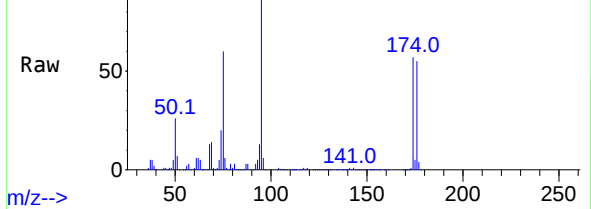


Abundance Scan 3614 (14.407 min): VL038812.D (-3594) (-)



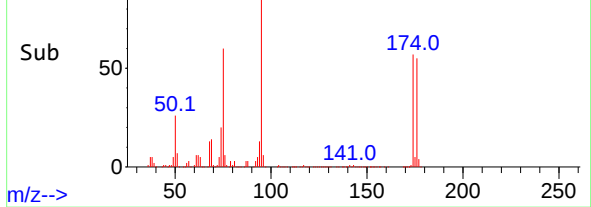
m/z-->

Abundance Scan 3618 (14.420 min): VL038909.D\data.ms



m/z-->

Abundance Scan 3618 (14.420 min): VL038909.D\data.ms (-



m/z-->

#68
1-Bromo-4-Fluorobenzene
Concen: 10.818 ppbv
RT: 14.420 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL038909.D
Acq: 13 Apr 2022 18:54

Instrument :
MSVOA_L
ClientSampleId :
1DL

Tgt Ion: 95 Resp: 1918819
Ion Ratio Lower Upper
95 100
174 63.6 52.0 78.0
175 4.5 4.0 6.0

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