

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040722\
 Data File : VL038843.D
 Acq On : 7 Apr 2022 16:15
 Operator : SY/AP
 Sample : N2245-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BD-AMBIENTDL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/09/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Quant Time: Apr 08 05:25:28 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022
 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	5.687	49	1251925	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.195	114	3116882	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.105	117	2690428	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.433	95	2079036	10.187	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%
Target Compounds						
9) Propene	3.038	41	11703m	0.145	ppbv	Qvalue
13) Ethanol	3.639	45	28455m	5.792	ppbv	
15) Acetone	3.886	43	58316	0.468	ppbv #	87
20) Methylene Chloride	4.369	84	53596	1.186	ppbv	92
26) Hexane	5.706	57	61815	0.429	ppbv #	40
53) Toluene	9.825	91	100512	0.307	ppbv	99

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

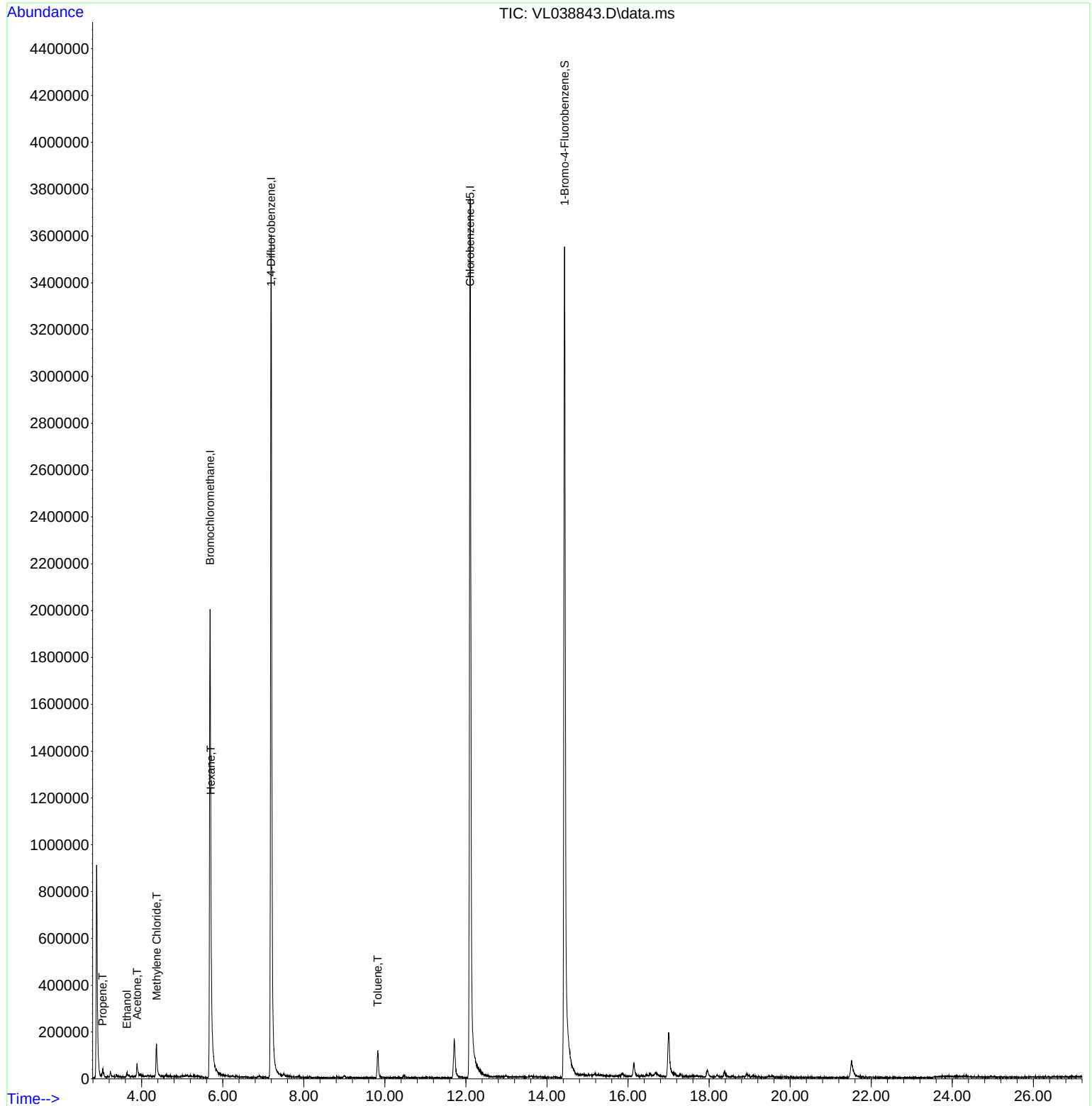
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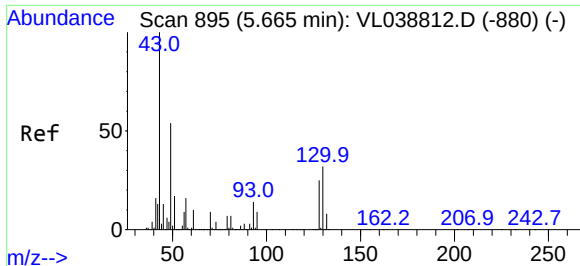
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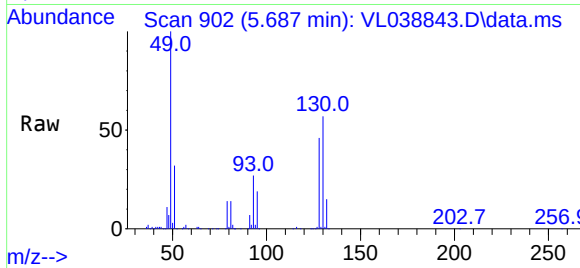
Quant Time: Apr 08 05:25:28 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.687 min Scan# 90
Delta R.T. 0.022 min
Lab File: VL038843.D
Acq: 7 Apr 2022 16:15

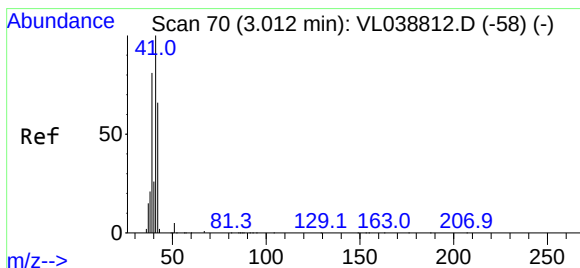
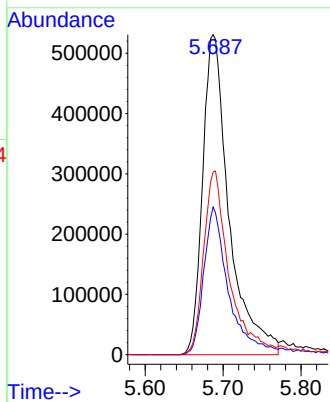
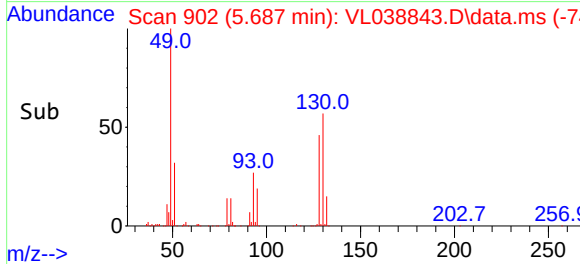
Instrument :
MSVOA_L
ClientSampleId :
BD-AMBIENTDL



Tgt Ion: 49 Resp: 125192
Ion Ratio Lower Upper
49 100
128 45.4 24.1 72.3
130 59.8 30.9 92.8

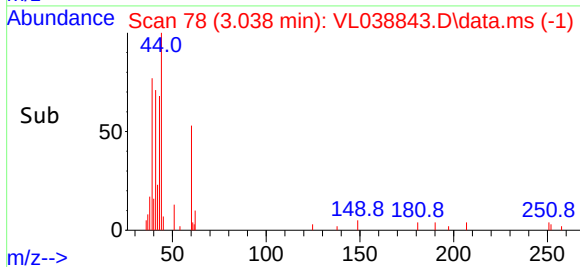
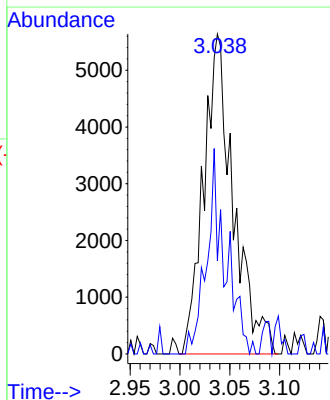
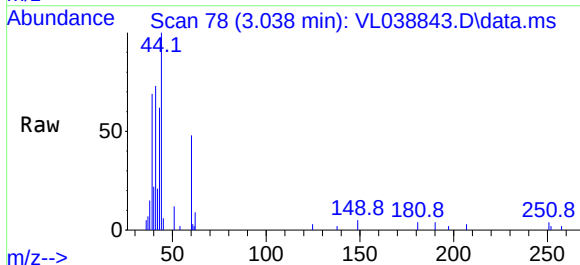
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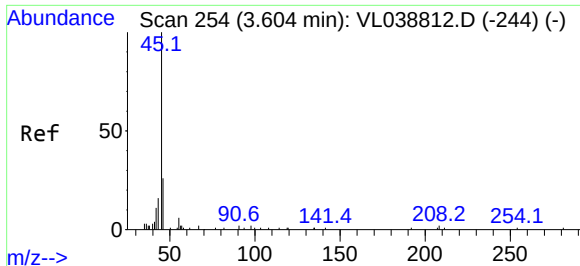
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#9
Propene
Concen: 0.145 ppbv m
RT: 3.038 min Scan# 78
Delta R.T. 0.026 min
Lab File: VL038843.D
Acq: 7 Apr 2022 16:15

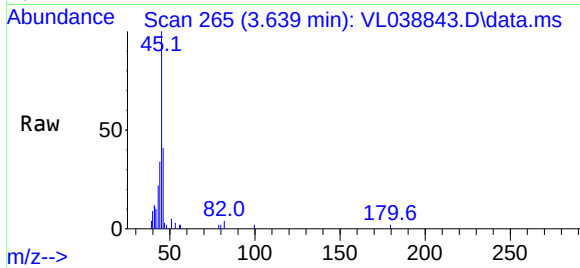
Tgt Ion: 41 Resp: 11703
Ion Ratio Lower Upper
41 100
42 40.0 54.2 81.4#





#13
Ethanol
Concen: 5.792 ppbv
RT: 3.639 min Scan# 20
Delta R.T. 0.035 min
Lab File: VL038843.D
Acq: 7 Apr 2022 16:15

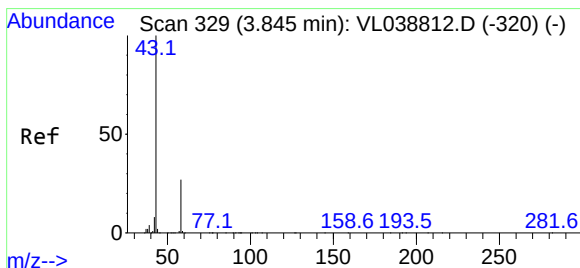
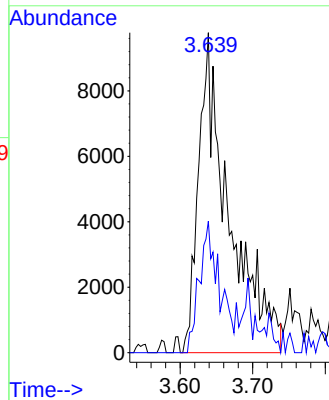
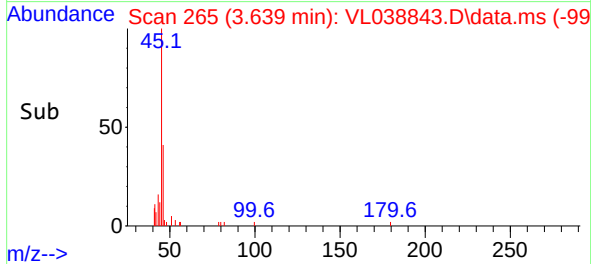
Instrument :
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ClientSampleId :
BD-AMBIENTDL



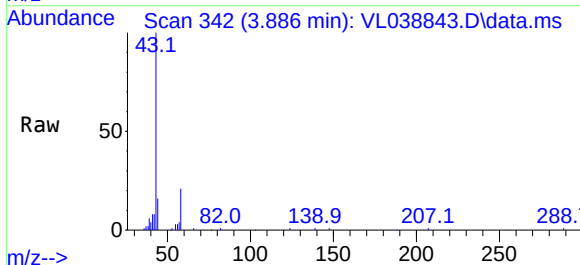
Tgt Ion: 45 Resp: 2845
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

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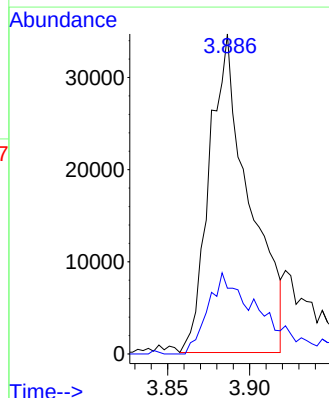
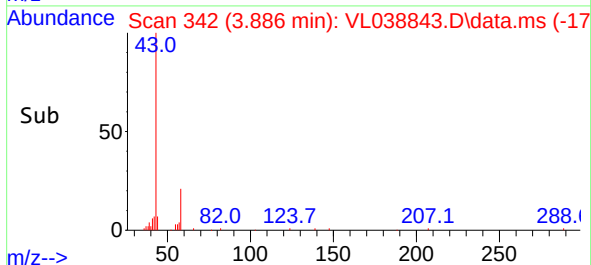
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

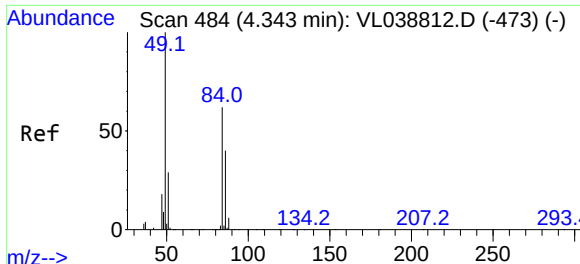


#15
Acetone
Concen: 0.468 ppbv
RT: 3.886 min Scan# 342
Delta R.T. 0.042 min
Lab File: VL038843.D
Acq: 7 Apr 2022 16:15



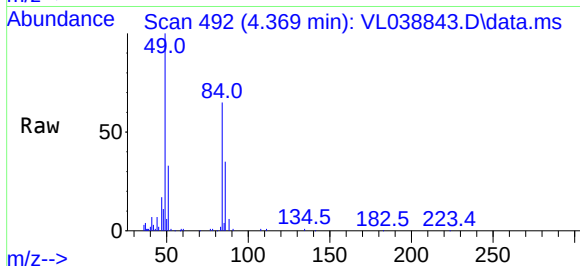
Tgt Ion: 43 Resp: 58316
Ion Ratio Lower Upper
43 100
58 35.2 22.5 33.7#





#20
Methylene Chloride
Concen: 1.186 ppbv
RT: 4.369 min Scan# 491
Delta R.T. 0.026 min
Lab File: VL038843.D
Acq: 7 Apr 2022 16:15

Instrument :
MSVOA_L
ClientSampleId :
BD-AMBIENTDL

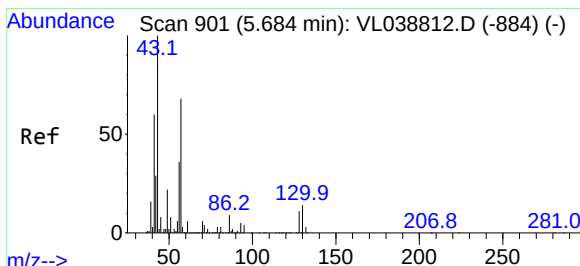
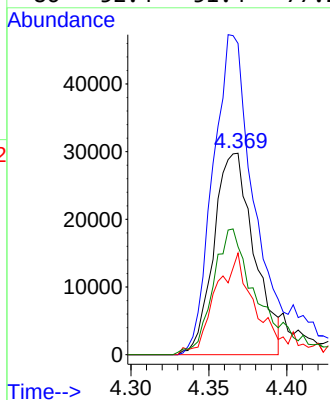
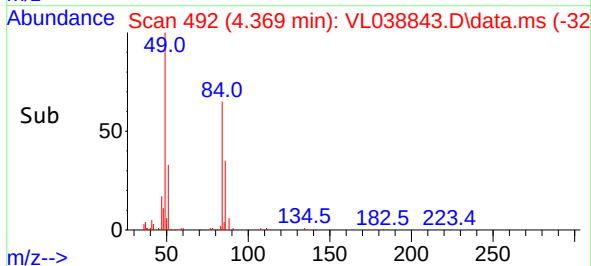


Tgt Ion: 84 Resp: 53590

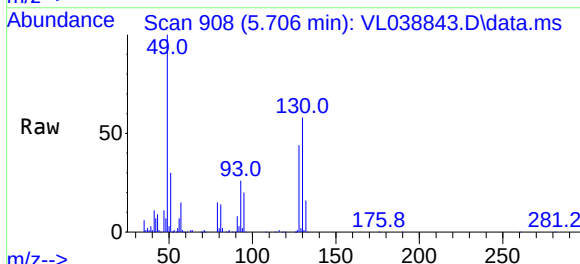
Ion	Ratio	Lower	Upper
84	100		
49	154.5	129.4	194.0
51	50.4	37.4	56.2
86	52.4	51.4	77.2

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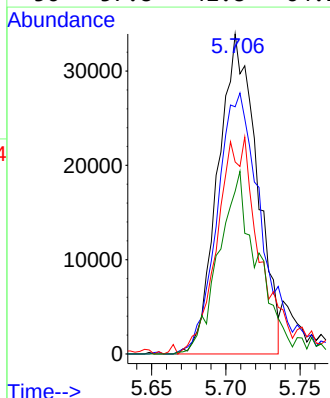
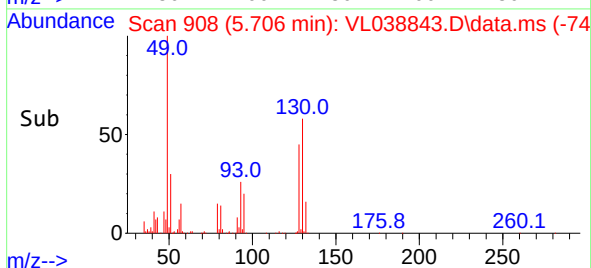


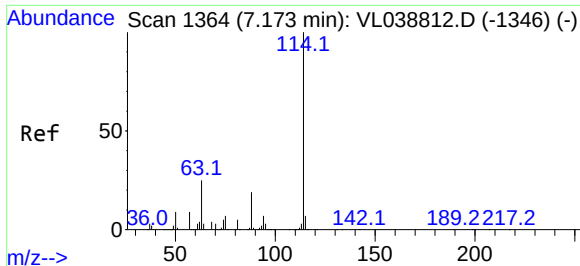
#26
Hexane
Concen: 0.429 ppbv
RT: 5.706 min Scan# 908
Delta R.T. 0.022 min
Lab File: VL038843.D
Acq: 7 Apr 2022 16:15



Tgt Ion: 57 Resp: 61815

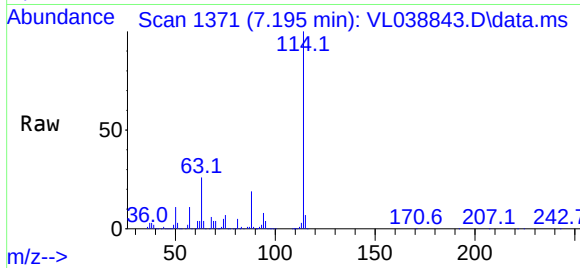
Ion	Ratio	Lower	Upper
57	100		
41	98.9	72.0	108.0
43	78.9	186.6	280.0#
56	57.8	42.8	64.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.195 min Scan# 1114
Delta R.T. 0.022 min
Lab File: VL038843.D
Acq: 7 Apr 2022 16:15

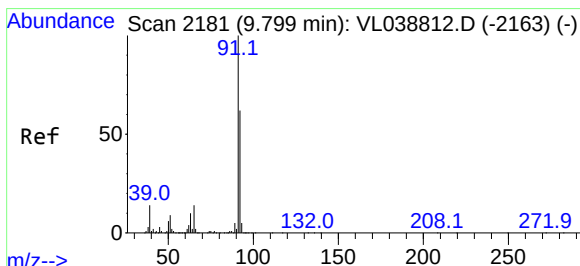
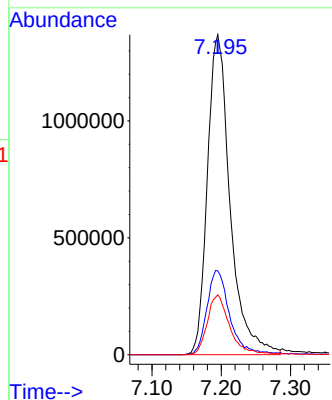
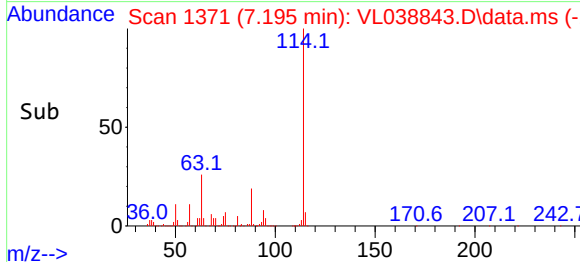
Instrument :
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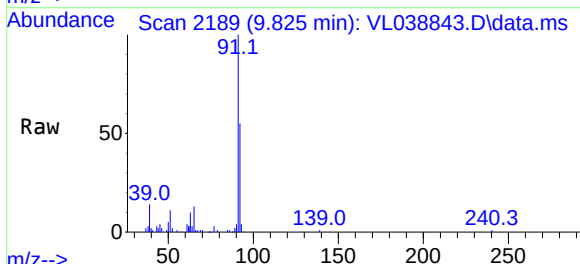
Tgt Ion:114 Resp: 311688
Ion Ratio Lower Upper
114 100
63 26.8 19.8 29.8
88 18.7 14.2 21.4

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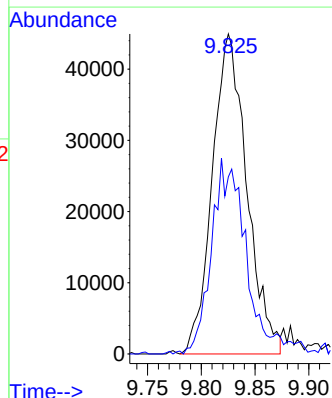
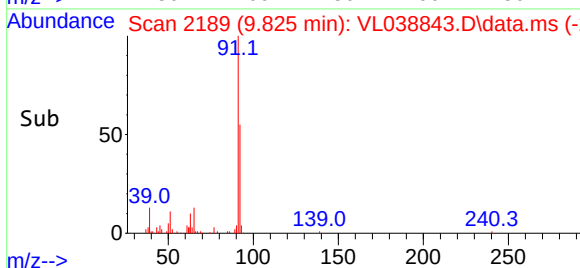
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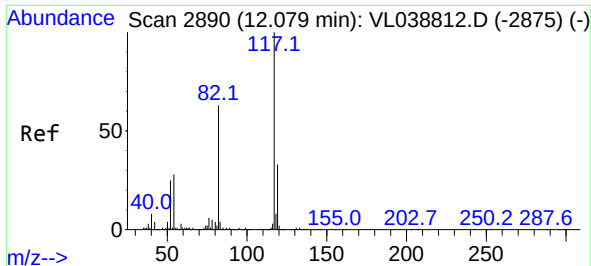


#53
Toluene
Concen: 0.307 ppbv
RT: 9.825 min Scan# 2189
Delta R.T. 0.026 min
Lab File: VL038843.D
Acq: 7 Apr 2022 16:15



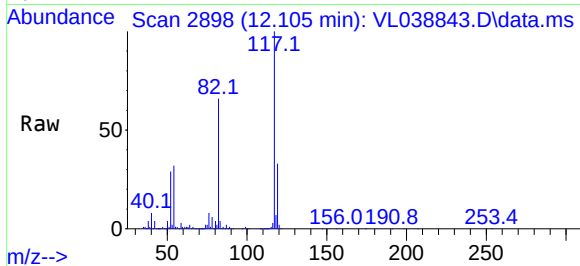
Tgt Ion: 91 Resp: 100512
Ion Ratio Lower Upper
91 100
92 62.1 49.2 73.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.105 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL038843.D
Acq: 7 Apr 2022 16:15

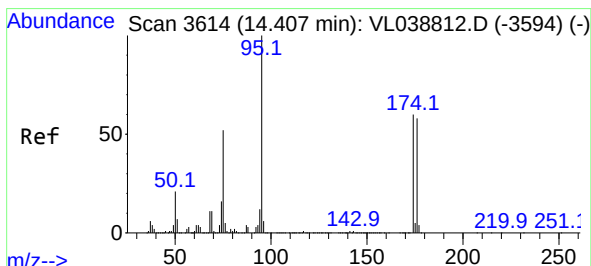
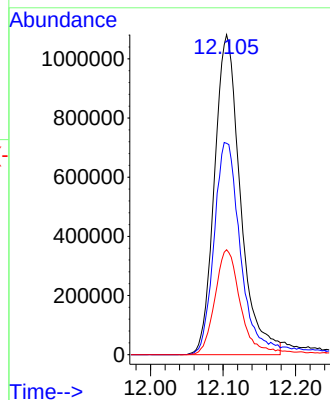
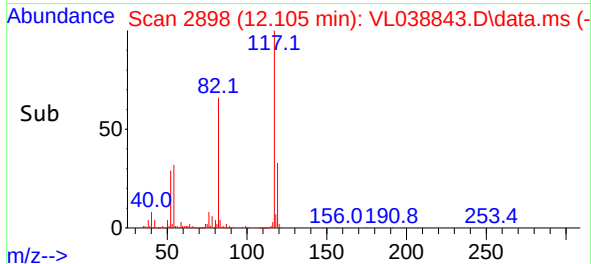
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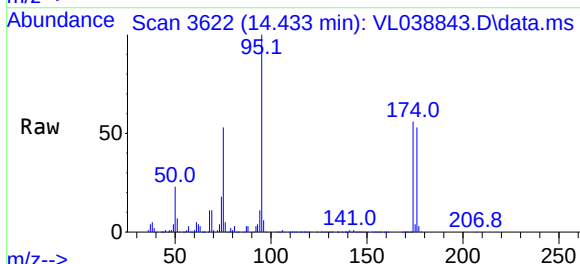
Tgt Ion:117 Resp: 2690428
Ion Ratio Lower Upper
117 100
82 71.4 53.0 79.6
119 33.7 24.9 37.3

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.187 ppbv
RT: 14.433 min Scan# 3622
Delta R.T. 0.026 min
Lab File: VL038843.D
Acq: 7 Apr 2022 16:15



Tgt Ion: 95 Resp: 2079036
Ion Ratio Lower Upper
95 100
174 64.6 52.0 78.0
175 4.4 4.0 6.0

