

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038787.D
 Acq On : 29 Mar 2022 1:38
 Operator : SY/AP
 Sample : N2136-01DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 06:14:47 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Mar 29 2022
 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	5.661	49	818582	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	2105784	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	1824949	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1347244	9.629	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.057	85	15477m	0.141	ppbv	
9) Propene	3.022	41	10139	0.243	ppbv	83
13) Ethanol	3.600	45	859314	186.634	ppbv	94
15) Acetone	3.858	43	62271	0.882	ppbv	100
19) Isopropyl Alcohol	3.967	45	162523	4.150	ppbv	100
20) Methylene Chloride	4.346	84	19577	0.658	ppbv	95
26) Hexane	5.681	57	12807	0.161	ppbv #	51

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

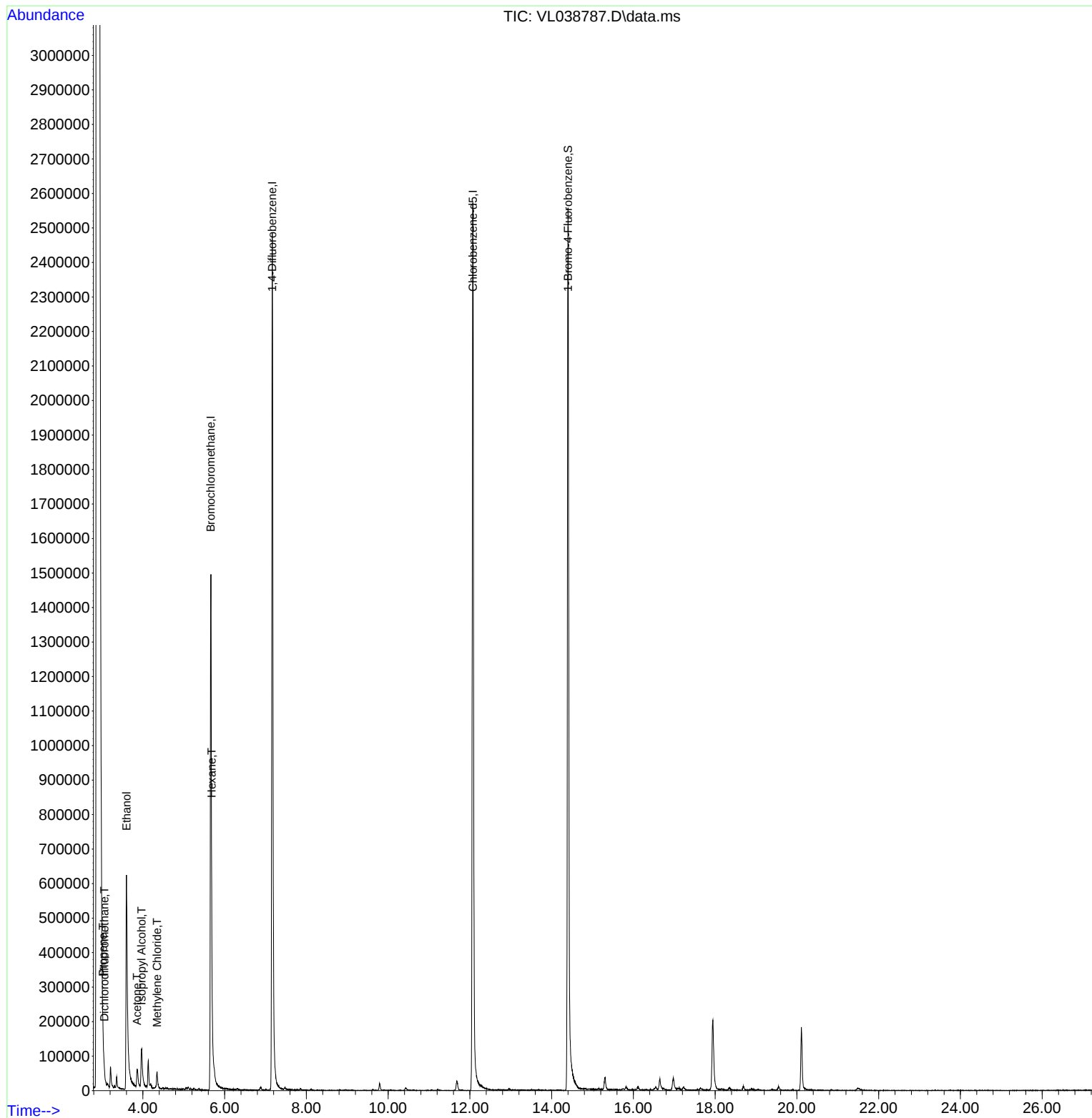
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
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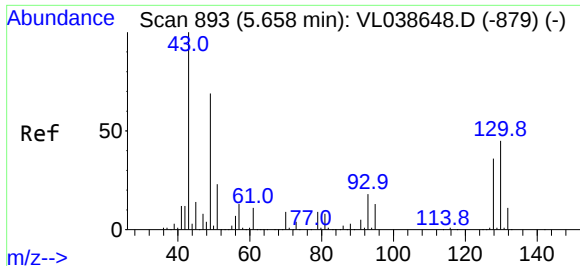
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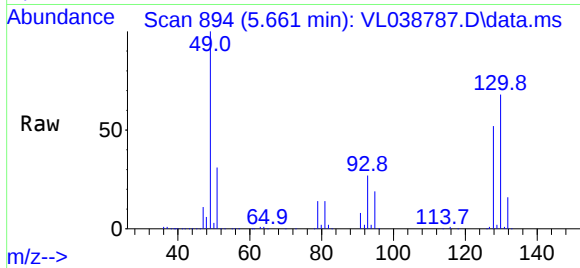
Quant Time: Mar 29 06:14:47 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 89
Delta R.T. 0.003 min
Lab File: VL038787.D
Acq: 29 Mar 2022 1:38

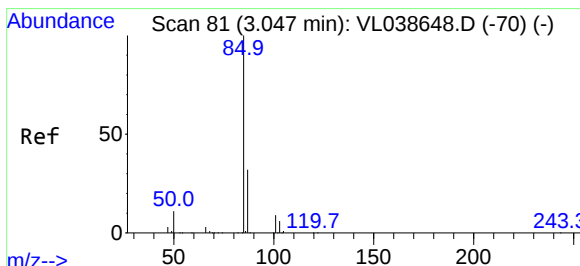
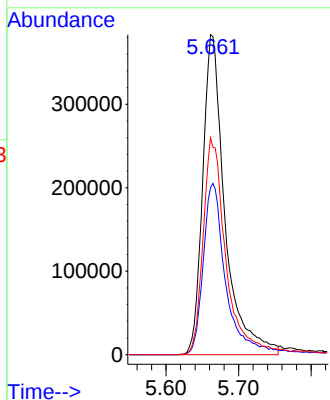
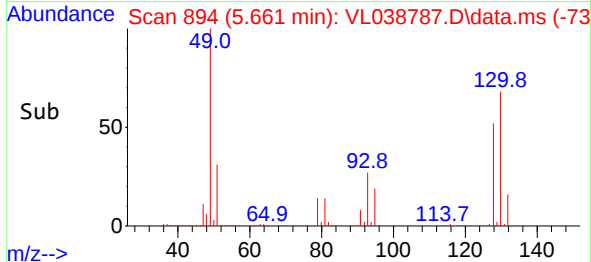
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 49 Resp: 81858
Ion Ratio Lower Upper
49 100
128 56.0 26.2 78.6
130 71.1 33.7 101.1

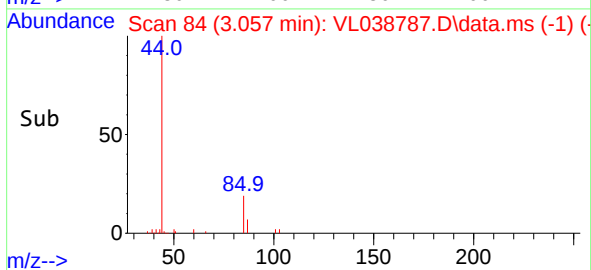
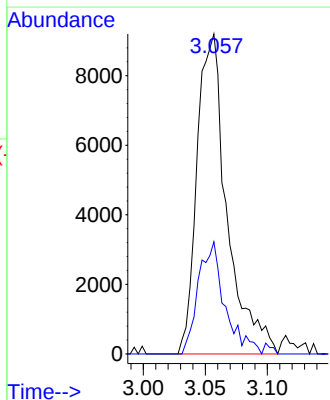
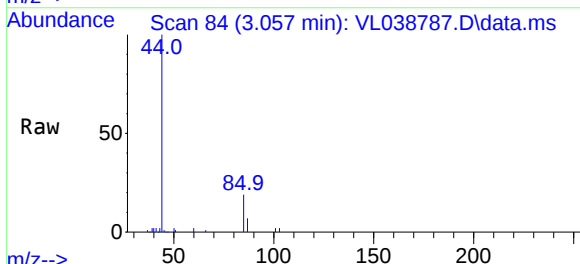
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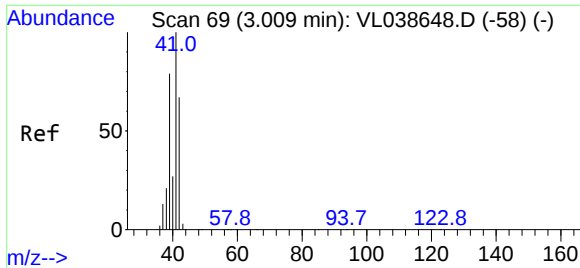
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#2
Dichlorodifluoromethane
Concen: 0.141 ppbv m
RT: 3.057 min Scan# 84
Delta R.T. 0.010 min
Lab File: VL038787.D
Acq: 29 Mar 2022 1:38

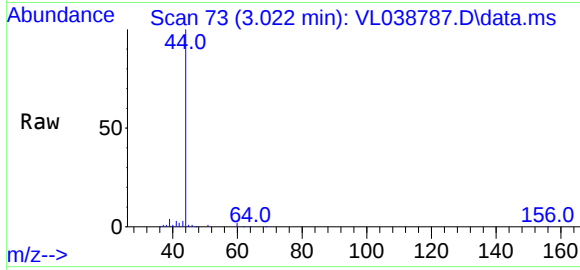
Tgt Ion: 85 Resp: 15477
Ion Ratio Lower Upper
85 100
87 35.0 26.0 39.0





#9
Propene
Concen: 0.243 ppbv
RT: 3.022 min Scan# 71
Delta R.T. 0.013 min
Lab File: VL038787.D
Acq: 29 Mar 2022 1:38

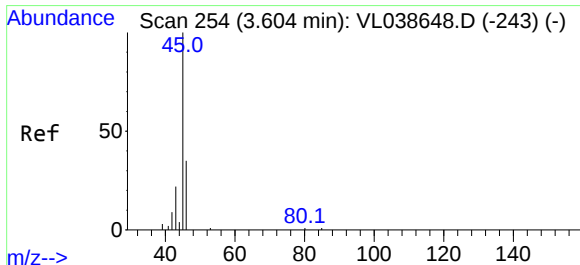
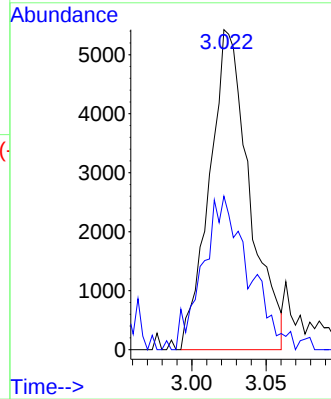
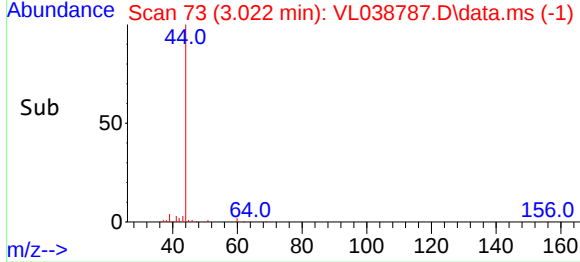
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 41 Resp: 10139
Ion Ratio Lower Upper
41 100
42 56.5 56.2 84.4

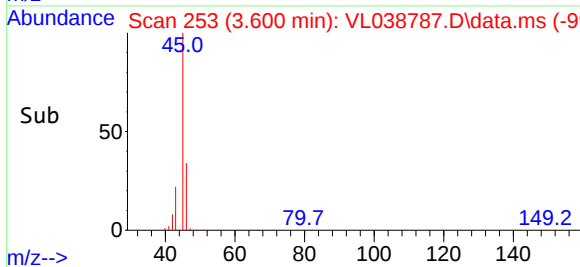
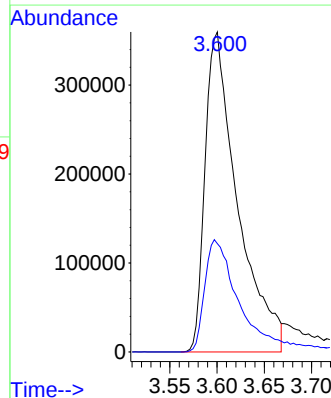
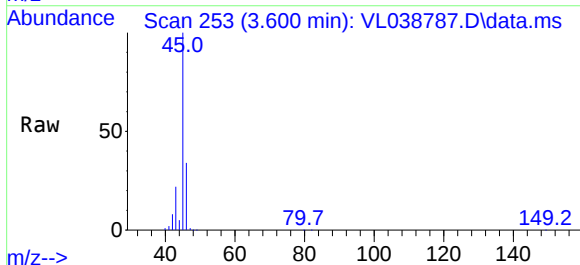
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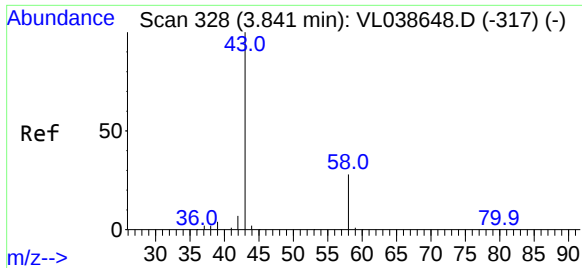
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#13
Ethanol
Concen: 186.634 ppbv
RT: 3.600 min Scan# 253
Delta R.T. -0.003 min
Lab File: VL038787.D
Acq: 29 Mar 2022 1:38

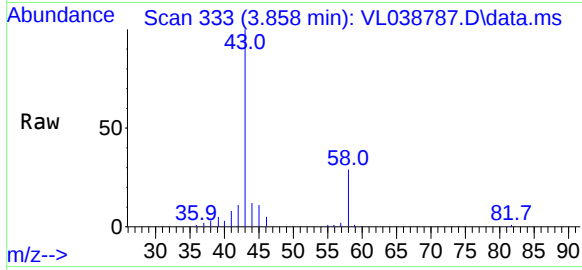
Tgt Ion: 45 Resp: 859314
Ion Ratio Lower Upper
45 100
46 41.1 15.1 60.5





#15
Acetone
Concen: 0.882 ppbv
RT: 3.858 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL038787.D
Acq: 29 Mar 2022 1:38

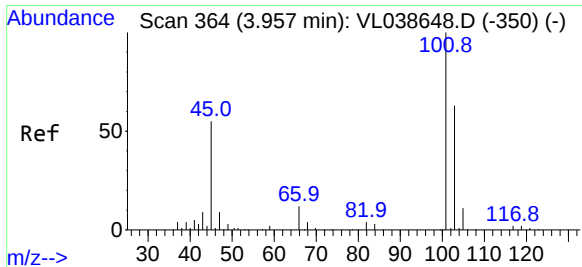
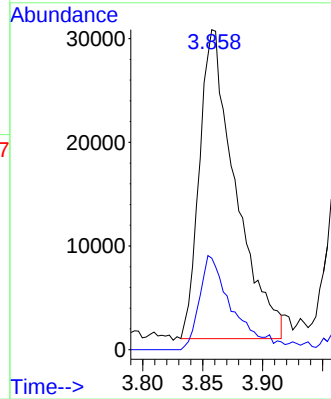
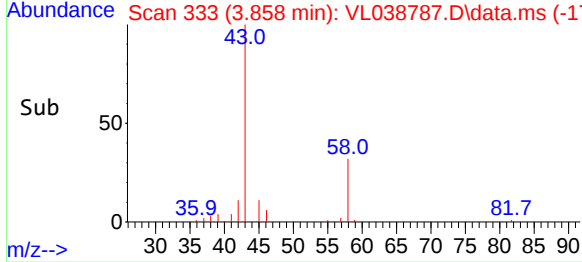
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 43 Resp: 6227
Ion Ratio Lower Upper
43 100
58 29.1 23.3 34.9

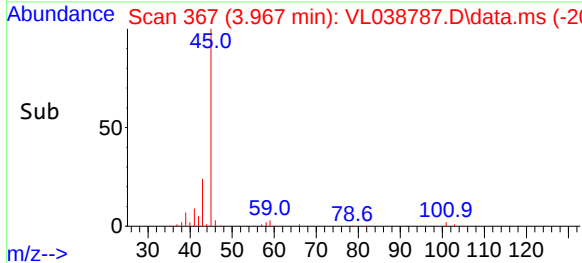
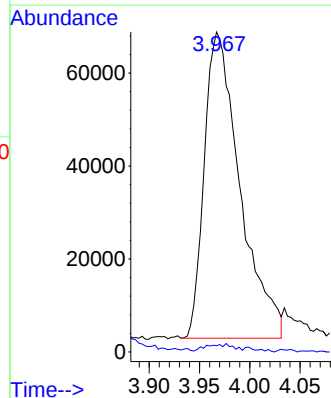
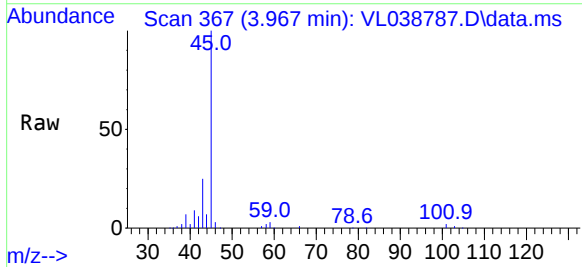
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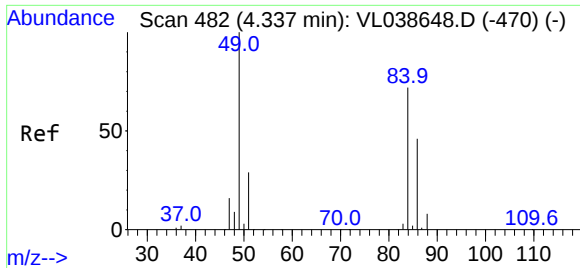
Reviewed By :Semsettin Yesilyurt 03/29/2022
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#19
Isopropyl Alcohol
Concen: 4.150 ppbv
RT: 3.967 min Scan# 367
Delta R.T. 0.010 min
Lab File: VL038787.D
Acq: 29 Mar 2022 1:38

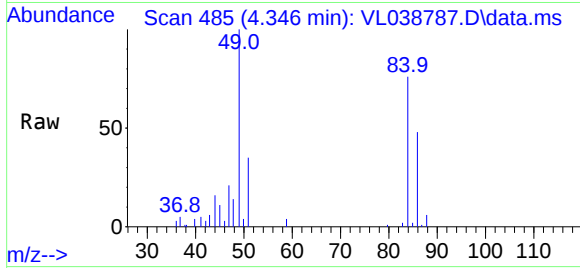
Tgt Ion: 45 Resp: 162523
Ion Ratio Lower Upper
45 100
58 3.1 2.3 3.5





#20
Methylene Chloride
Concen: 0.658 ppbv
RT: 4.346 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL038787.D
Acq: 29 Mar 2022 1:38

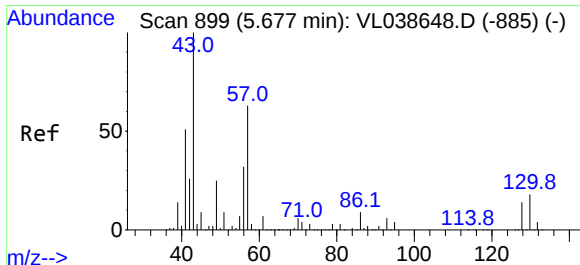
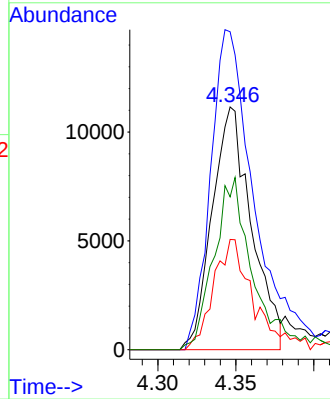
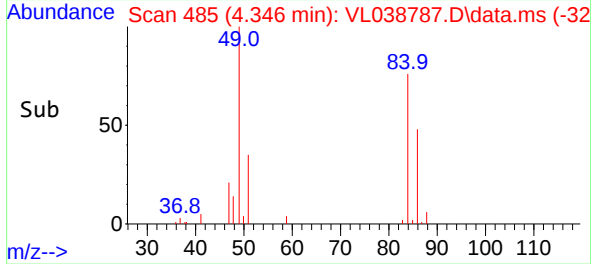
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



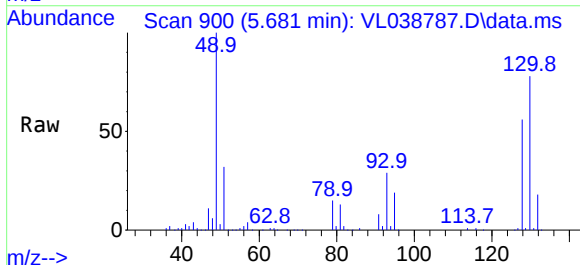
Tgt Ion: 84 Resp: 1957
Ion Ratio Lower Upper
84 100
49 130.9 111.2 166.8
51 45.4 32.8 49.2
86 62.9 51.4 77.0

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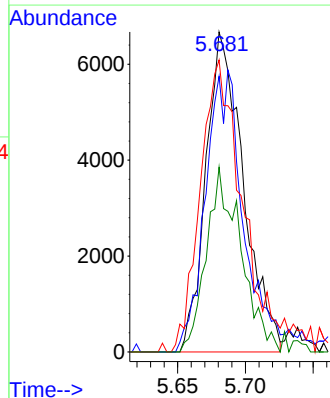
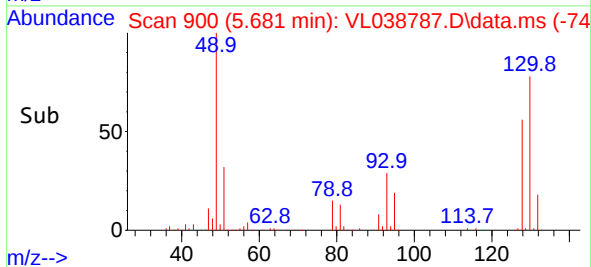
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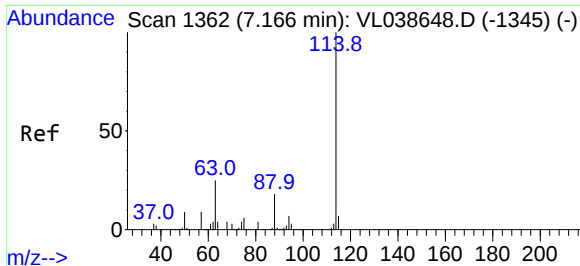


#26
Hexane
Concen: 0.161 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.003 min
Lab File: VL038787.D
Acq: 29 Mar 2022 1:38



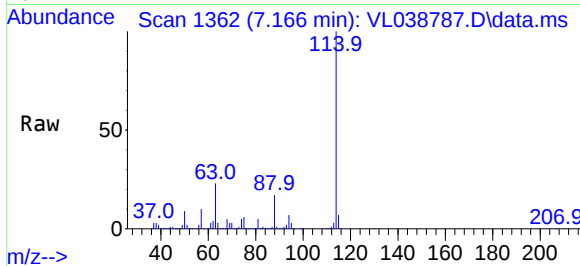
Tgt Ion: 57 Resp: 12807
Ion Ratio Lower Upper
57 100
41 93.8 67.0 100.4
43 109.7 184.2 276.2#
56 55.0 42.6 64.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VL038787.D
Acq: 29 Mar 2022 1:38

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

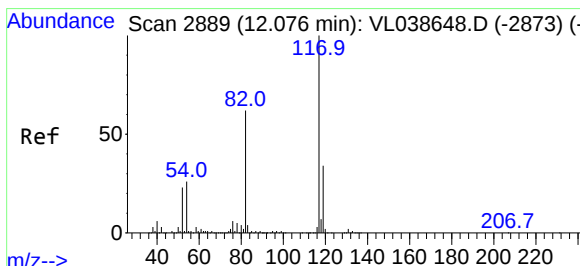
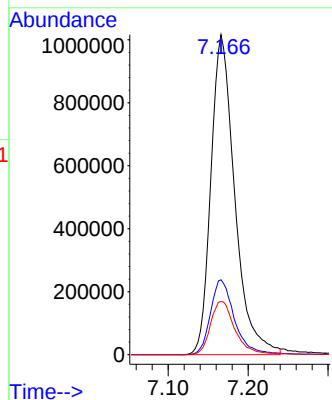
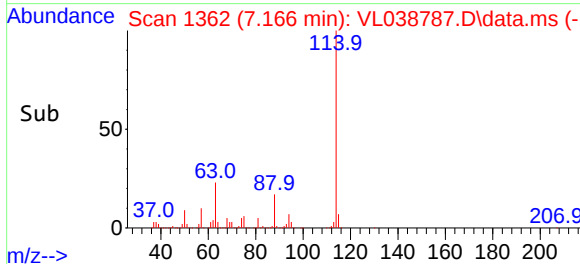


Tgt Ion:114 Resp: 2105784

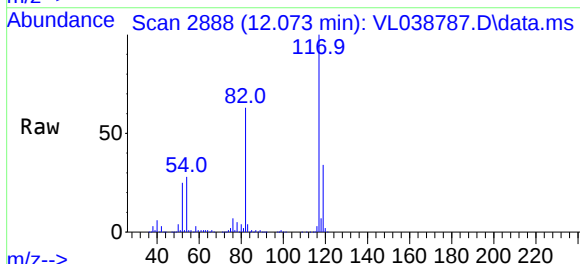
Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.4	29.0
88	17.4	13.9	20.9

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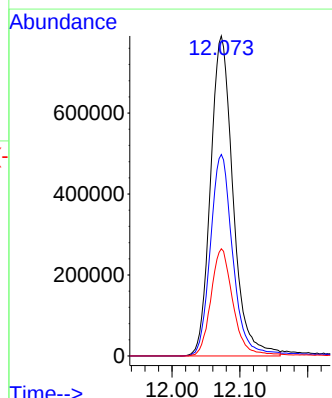
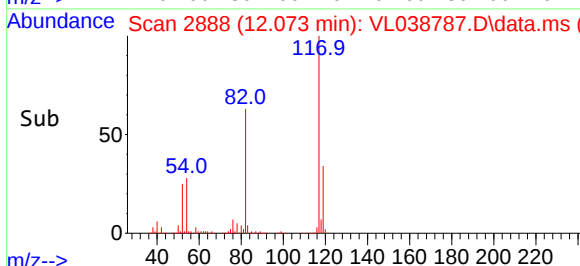


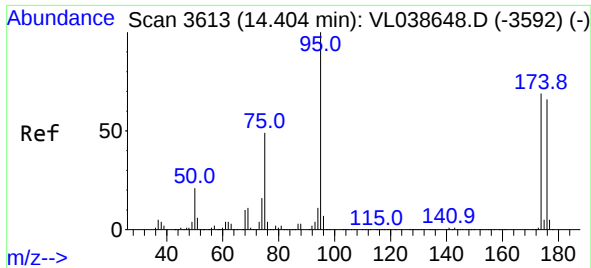
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.073 min Scan# 2888
Delta R.T. -0.003 min
Lab File: VL038787.D
Acq: 29 Mar 2022 1:38



Tgt Ion:117 Resp: 1824949

Ion	Ratio	Lower	Upper
117	100		
82	64.6	51.6	77.4
119	33.3	26.9	40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.629 ppbv
 RT: 14.404 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL038787.D
 Acq: 29 Mar 2022 1:38

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Tgt Ion: 95 Resp: 1347244

Ion	Ratio	Lower	Upper
95	100		
174	70.6	56.1	84.1
175	5.0	4.2	6.2

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