

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL039980.D
 Acq On : 12 Dec 2022 17:46
 Operator : SY/MD
 Sample : N5969-06DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

Quant Time: Dec 13 06:12:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	1190345	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.632	114	3113181	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.452	117	2840072	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2335896	10.768	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.703	85	21662	0.127	ppbv	94
11) Trichlorofluoromethane	3.539	101	16170	0.078	ppbv	86
13) Ethanol	3.214	45	422329	71.493	ppbv	97
15) Acetone	3.452	43	251784	1.595	ppbv	95
20) Methylene Chloride	3.912	84	200593	2.622	ppbv	95
44) 2,2,4-Trimethylpentane	7.304	57	82424	0.187	ppbv #	85
53) Toluene	9.205	91	32905m	0.109	ppbv	

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

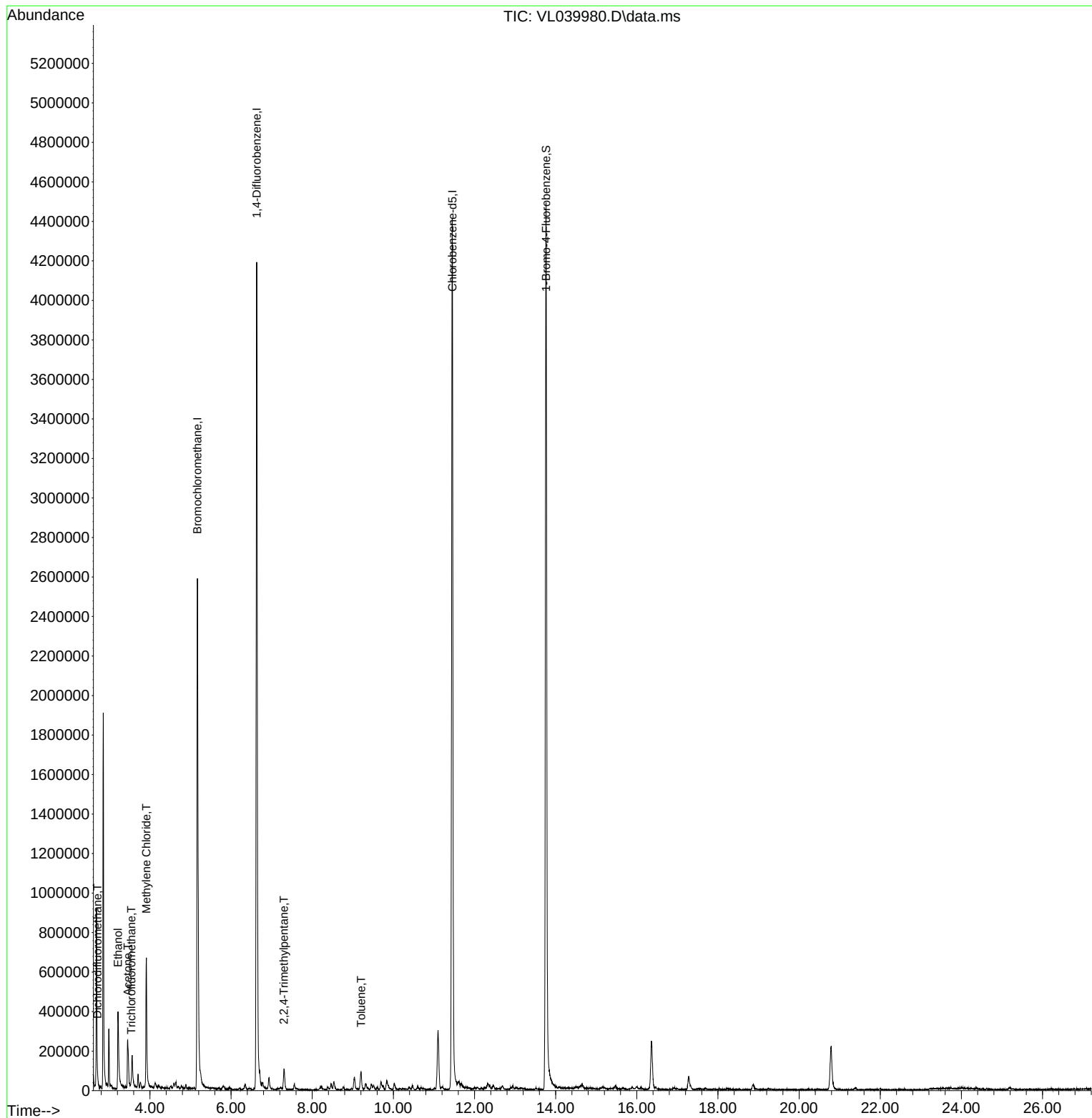
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
Data File : VL039980.D
Acq On : 12 Dec 2022 17:46
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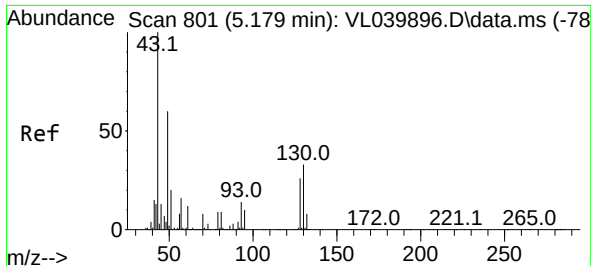
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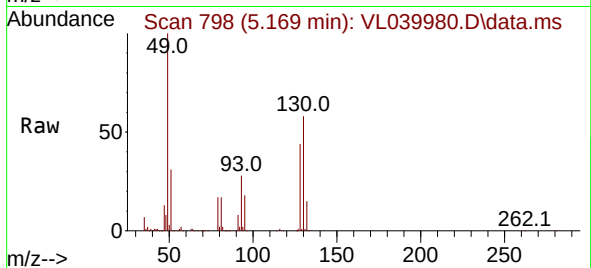
Quant Time: Dec 13 06:12:25 2022
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Dec 02 23:21:36 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 79
Delta R.T. 0.013 min
Lab File: VL039980.D
Acq: 12 Dec 2022 17:46

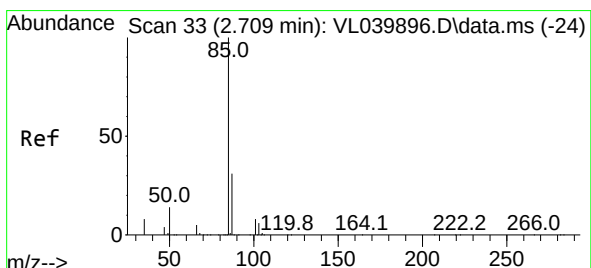
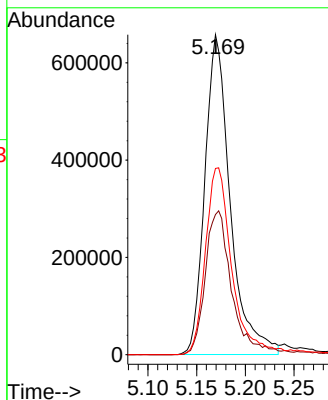
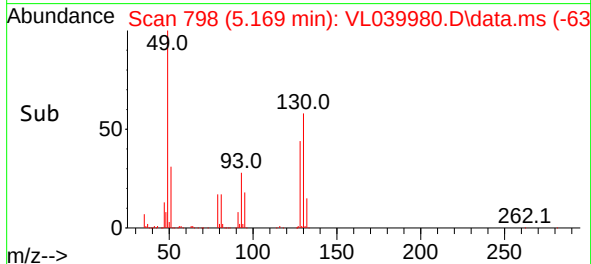
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 49 Resp: 119034
Ion Ratio Lower Upper
49 100
128 48.6 22.1 66.3
130 63.3 27.7 83.1

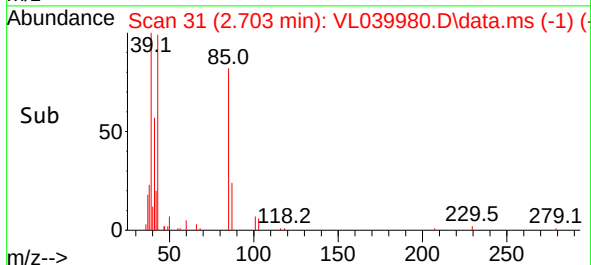
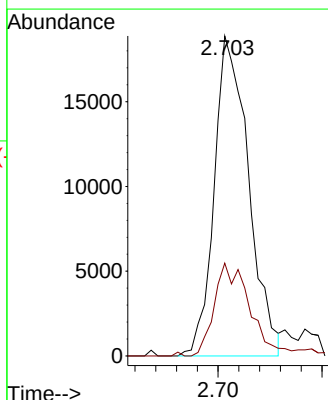
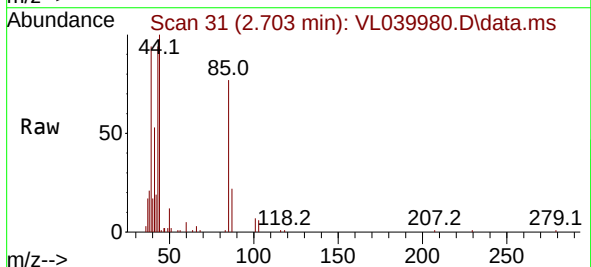
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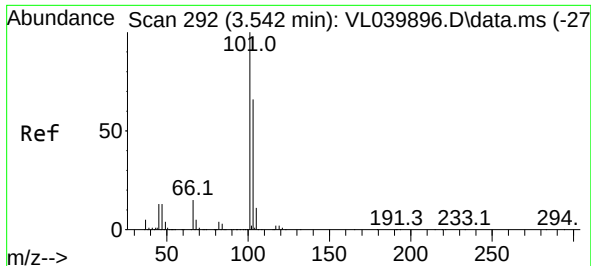
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#2
Dichlorodifluoromethane
Concen: 0.127 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039980.D
Acq: 12 Dec 2022 17:46

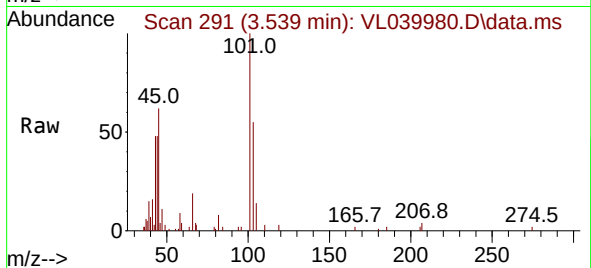
Tgt Ion: 85 Resp: 21662
Ion Ratio Lower Upper
85 100
87 27.8 25.0 37.4





#11
Trichlorofluoromethane
Concen: 0.078 ppbv
RT: 3.539 min Scan# 292
Delta R.T. 0.010 min
Lab File: VL039980.D
Acq: 12 Dec 2022 17:46

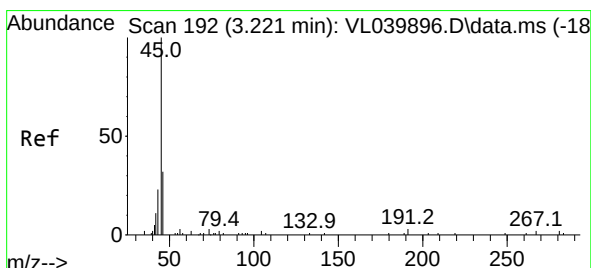
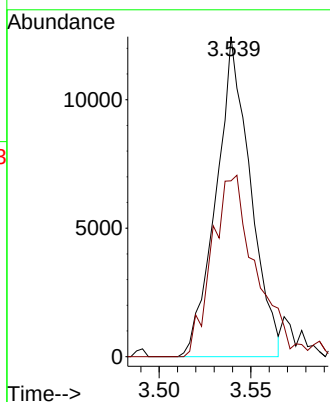
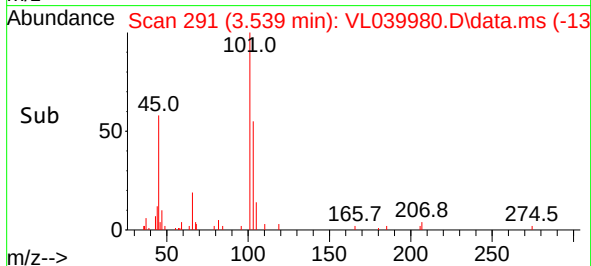
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 16170
Ion Ratio Lower Upper
101 100
103 55.0 52.6 78.8

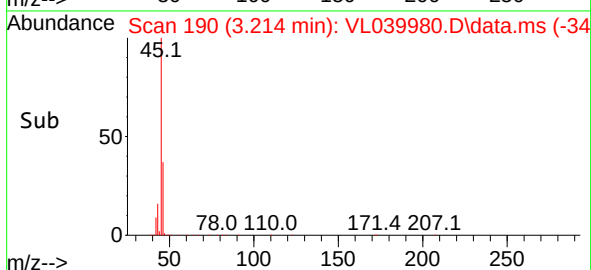
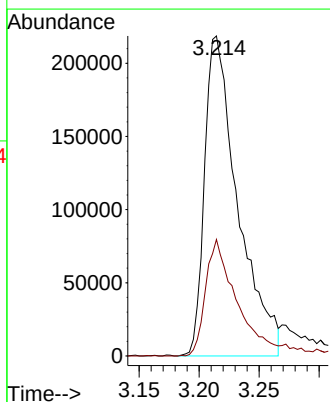
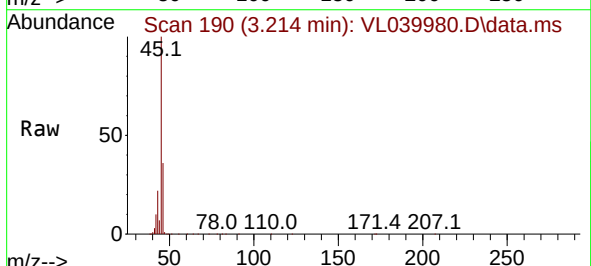
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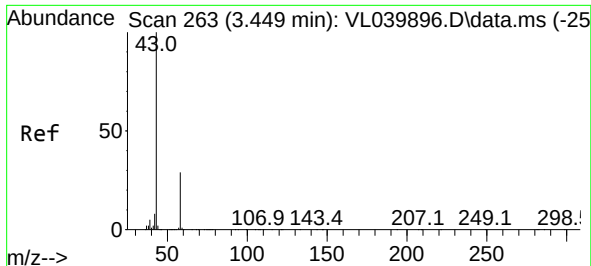
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Supervised By :Mahesh Dadoda 12/14/2022



#13
Ethanol
Concen: 71.493 ppbv
RT: 3.214 min Scan# 190
Delta R.T. 0.000 min
Lab File: VL039980.D
Acq: 12 Dec 2022 17:46

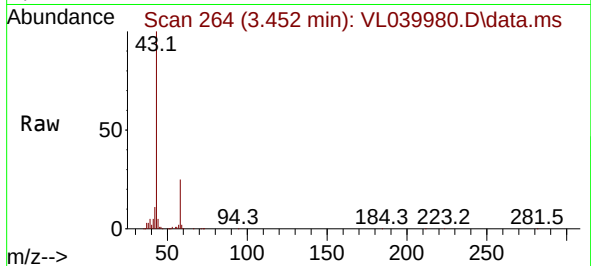
Tgt Ion: 45 Resp: 422329
Ion Ratio Lower Upper
45 100
46 38.1 14.6 58.2





#15
Acetone
Concen: 1.595 ppbv
RT: 3.452 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL039980.D
Acq: 12 Dec 2022 17:46

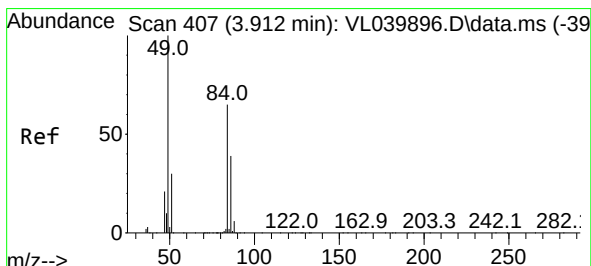
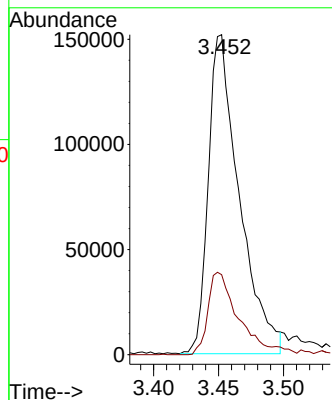
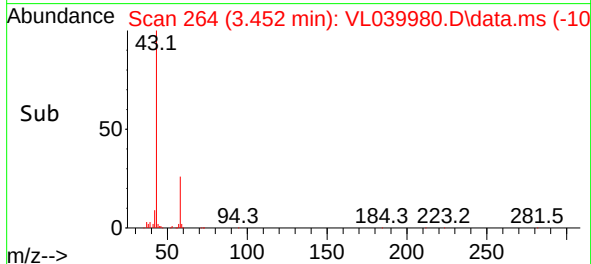
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



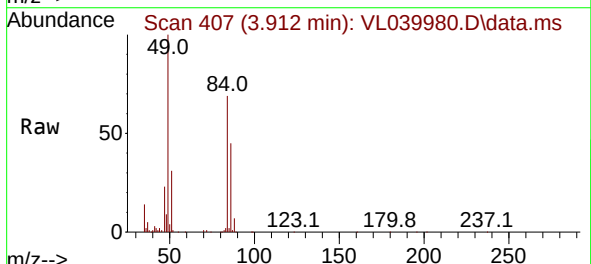
Tgt Ion: 43 Resp: 251784
Ion Ratio Lower Upper
43 100
58 25.7 22.9 34.3

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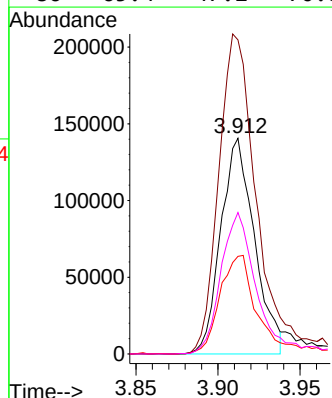
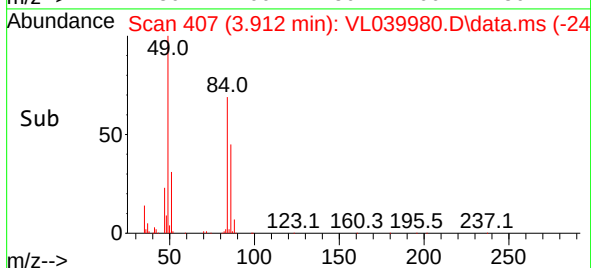
Reviewed By :Semsettin Yesilyurt 12/14/2022
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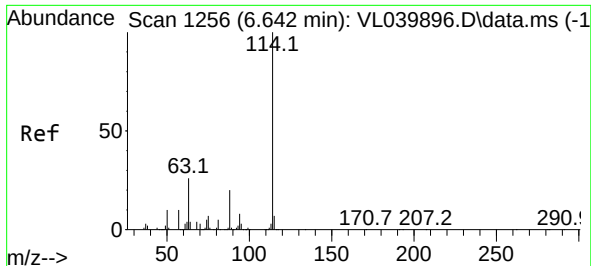


#20
Methylene Chloride
Concen: 2.622 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.016 min
Lab File: VL039980.D
Acq: 12 Dec 2022 17:46



Tgt Ion: 84 Resp: 200593
Ion Ratio Lower Upper
84 100
49 145.5 122.2 183.4
51 45.0 36.3 54.5
86 65.4 47.2 70.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 114

Delta R.T. 0.013 min

Lab File: VL039980.D

Acq: 12 Dec 2022 17:46

Instrument :

MSVOA_L

ClientSampleId :

IA-1DL

Tgt Ion:114 Resp: 311318

Ion Ratio Lower Upper

114 100

63 25.3 21.4 32.0

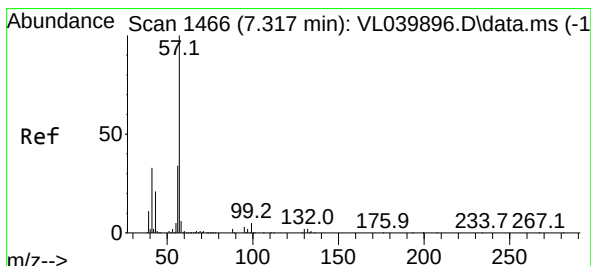
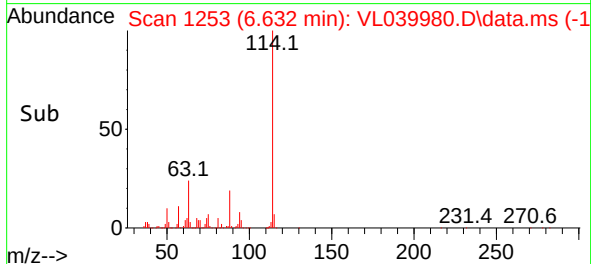
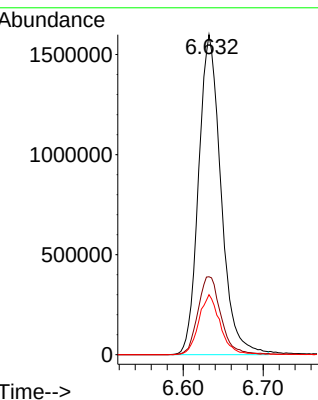
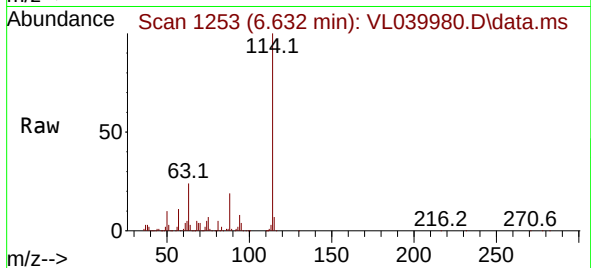
88 18.1 15.3 22.9

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#44

2,2,4-Trimethylpentane

Concen: 0.187 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.013 min

Lab File: VL039980.D

Acq: 12 Dec 2022 17:46

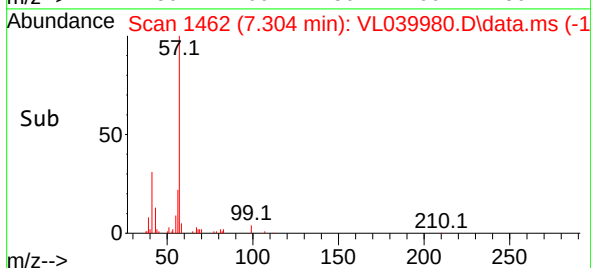
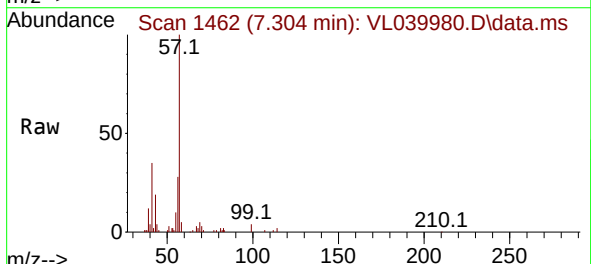
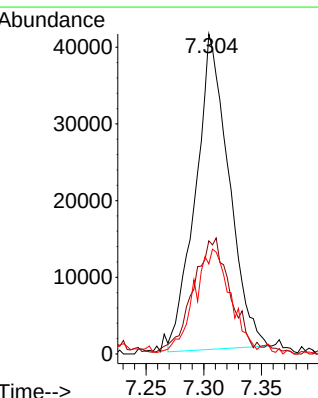
Tgt Ion: 57 Resp: 82424

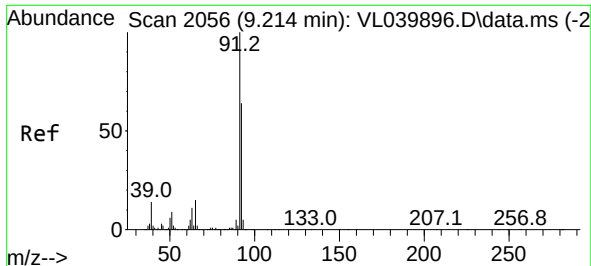
Ion Ratio Lower Upper

57 100

41 43.2 26.2 39.2#

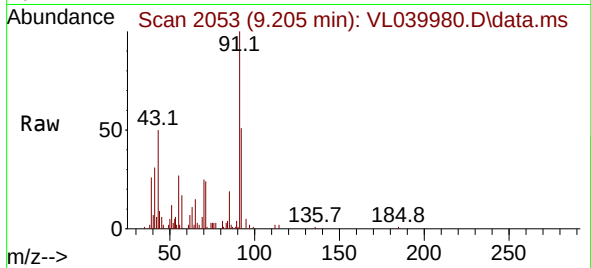
56 38.2 25.5 38.3





#53
Toluene
Concen: 0.109 ppbv m
RT: 9.205 min Scan# 2053
Delta R.T. 0.019 min
Lab File: VL039980.D
Acq: 12 Dec 2022 17:46

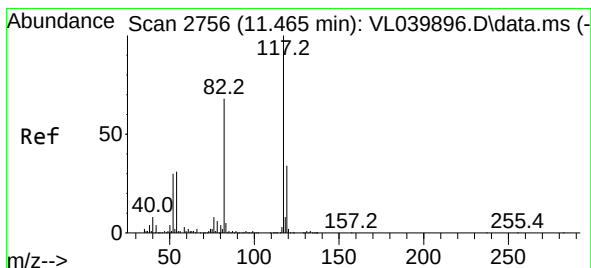
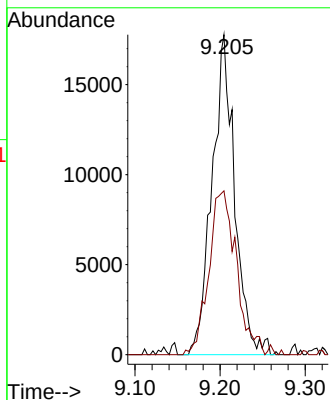
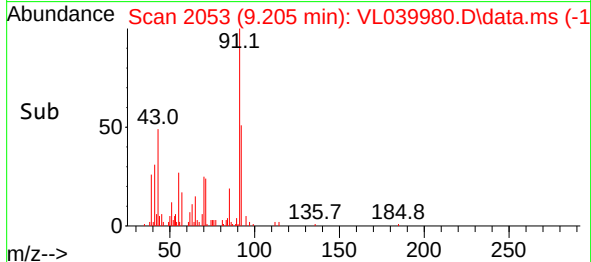
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



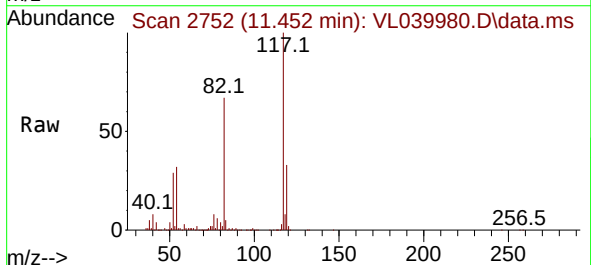
Tgt Ion: 91 Resp: 3290
Ion Ratio Lower Upper
91 100
92 63.0 49.8 74.6

Manual Integrations
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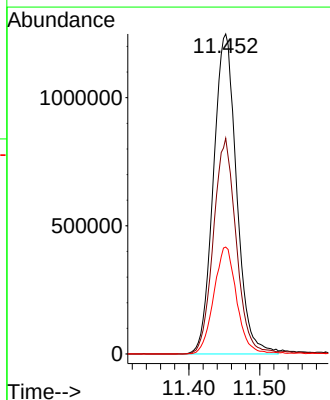
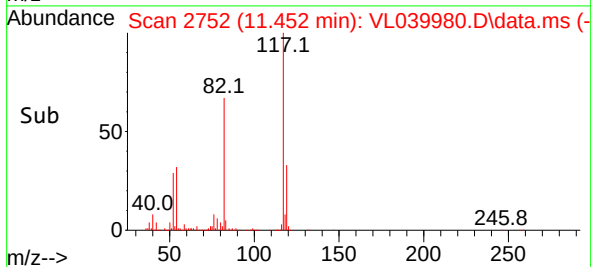
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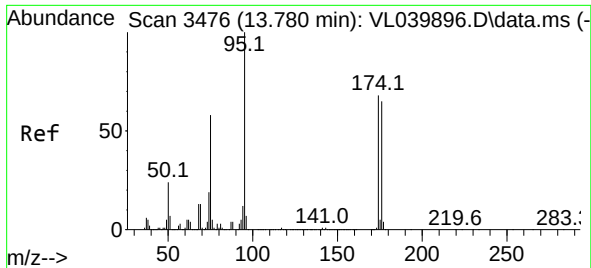


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. 0.019 min
Lab File: VL039980.D
Acq: 12 Dec 2022 17:46



Tgt Ion:117 Resp: 2840072
Ion Ratio Lower Upper
117 100
82 67.2 52.3 78.5
119 33.4 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.768 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.023 min
 Lab File: VL039980.D
 Acq: 12 Dec 2022 17:46

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 2335890

Ion	Ratio	Lower	Upper
95	100		
174	60.6	53.7	80.5
175	4.4	4.0	6.0

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