

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL039982.D
 Acq On : 12 Dec 2022 19:06
 Operator : SY/MD
 Sample : N5971-03DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 06:13:16 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	1183832	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.632	114	3044963	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.449	117	2769364	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2236100	10.571	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.700%
Target Compounds						
2) Dichlorodifluoromethane	2.706	85	22043	0.130	ppbv	100
3) Chlorodifluoromethane	2.655	51	17621	0.108	ppbv	92
4) Chloromethane	2.787	50	14402	0.138	ppbv	99
13) Ethanol	3.211	45	591630	100.703	ppbv	97
15) Acetone	3.449	43	230002	1.465	ppbv	99
20) Methylene Chloride	3.912	84	67457	0.887	ppbv #	83
53) Toluene	9.205	91	33997m	0.115	ppbv	

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

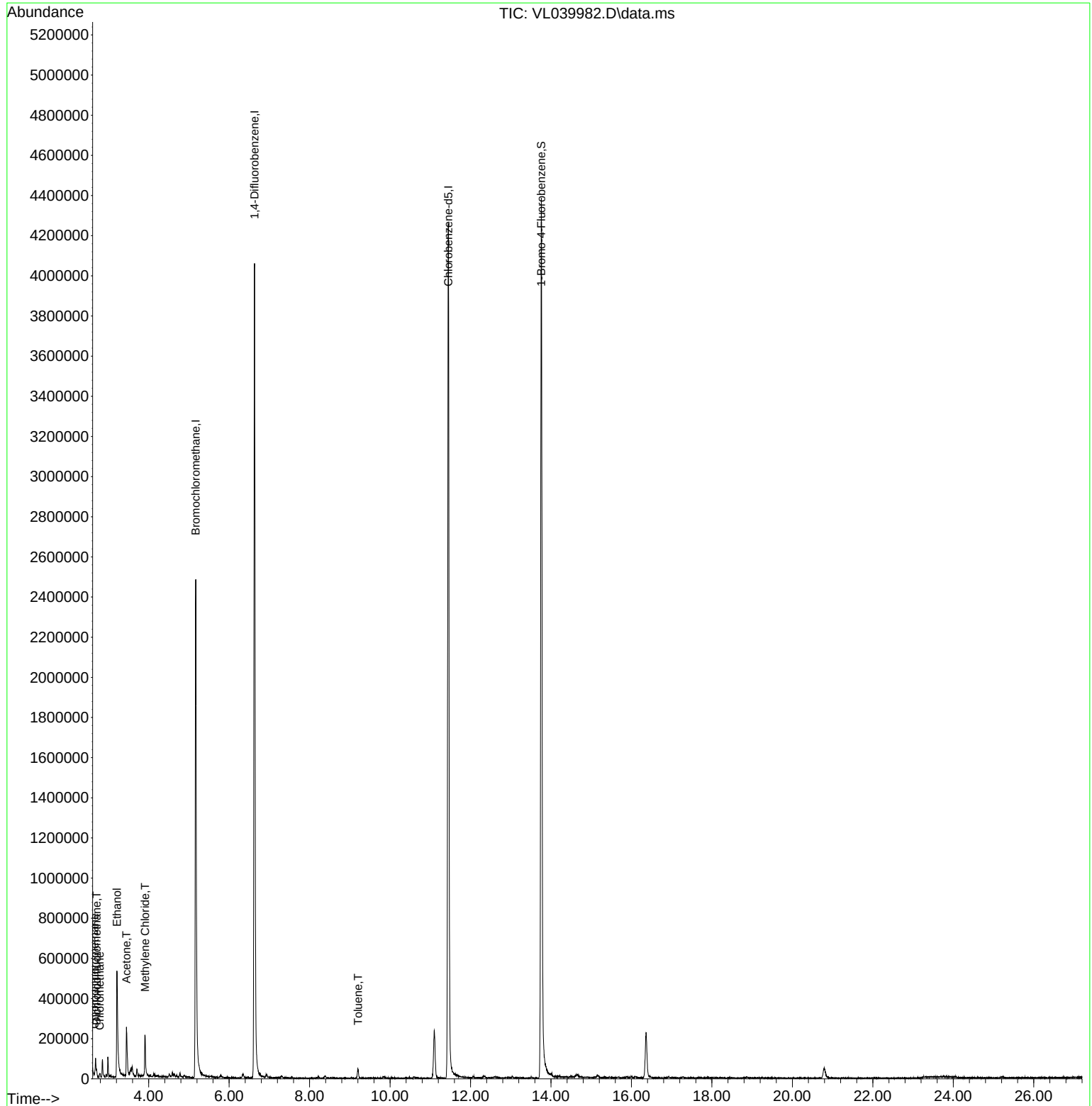
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
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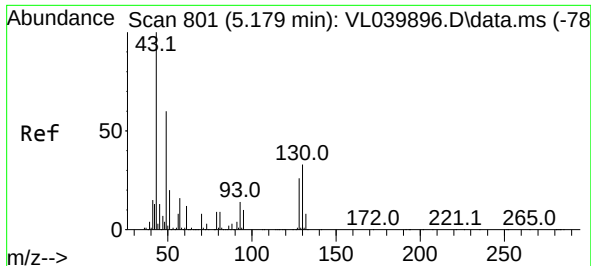
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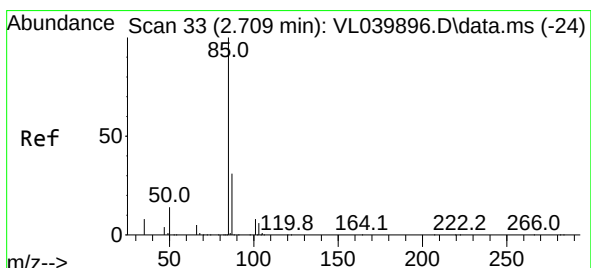
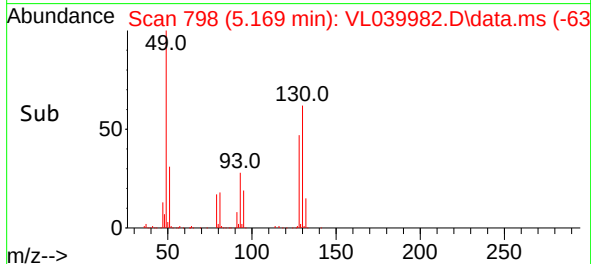
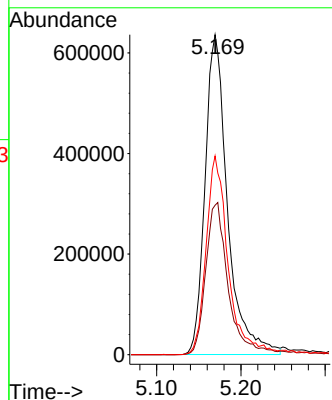
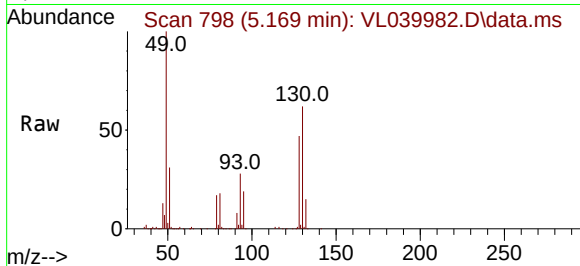
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 79
Delta R.T. 0.013 min
Lab File: VL039982.D
Acq: 12 Dec 2022 19:06

Instrument :
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ClientSampleId :
IA-4DL

Tgt Ion: 49 Resp: 118383
Ion Ratio Lower Upper
49 100
128 49.2 22.1 66.3
130 62.1 27.7 83.1

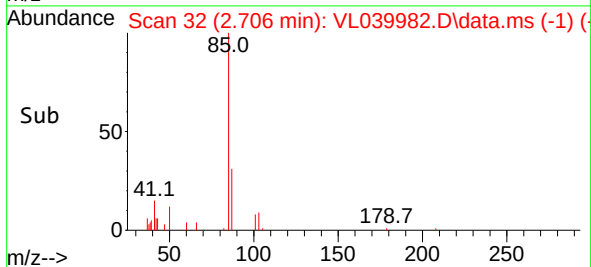
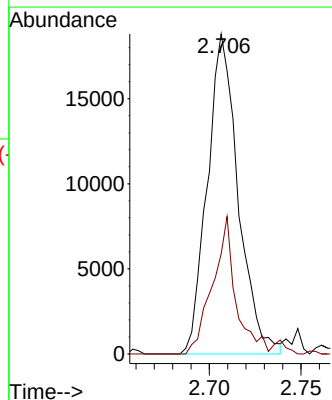
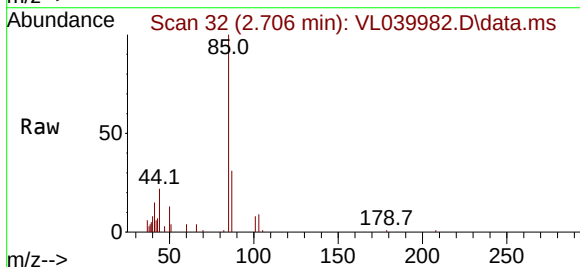
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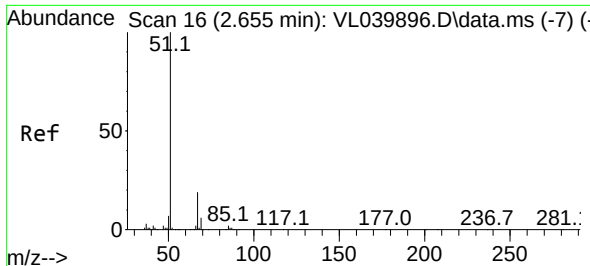
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#2
Dichlorodifluoromethane
Concen: 0.130 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.010 min
Lab File: VL039982.D
Acq: 12 Dec 2022 19:06

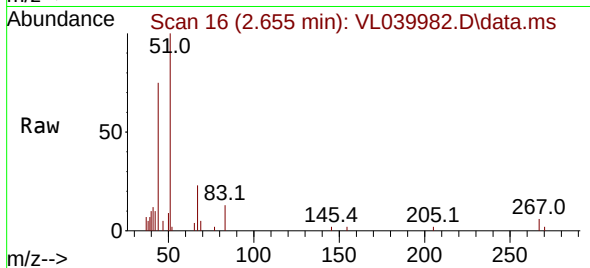
Tgt Ion: 85 Resp: 22043
Ion Ratio Lower Upper
85 100
87 31.3 25.0 37.4





#3
Chlorodifluoromethane
Concen: 0.108 ppbv
RT: 2.655 min Scan# 10
Delta R.T. 0.013 min
Lab File: VL039982.D
Acq: 12 Dec 2022 19:06

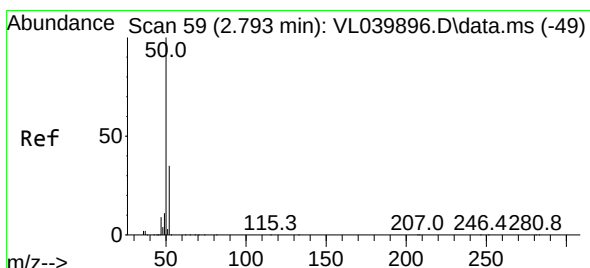
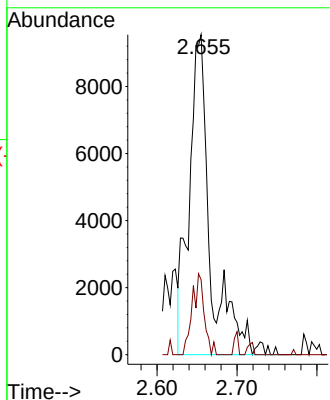
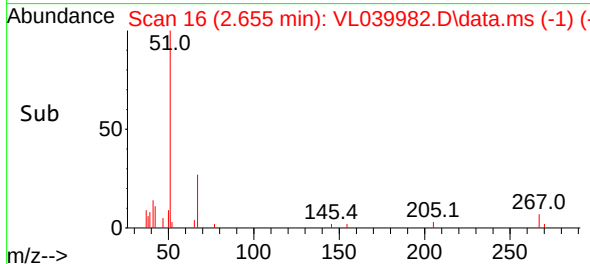
Instrument :
MSVOA_L
ClientSampleId :
IA-4DL



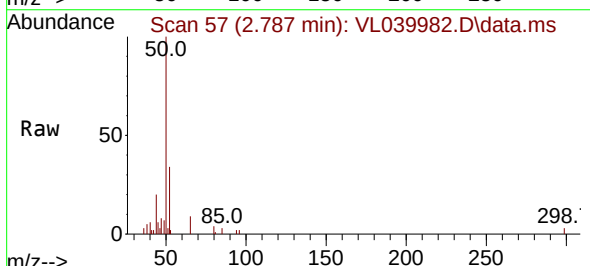
Tgt Ion: 51 Resp: 1762
Ion Ratio Lower Upper
51 100
67 14.3 14.2 21.4

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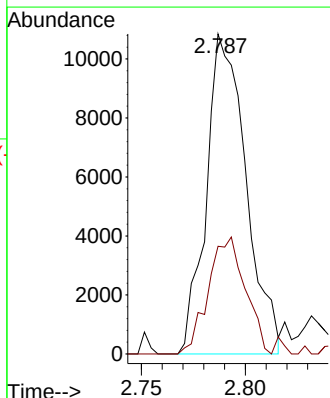
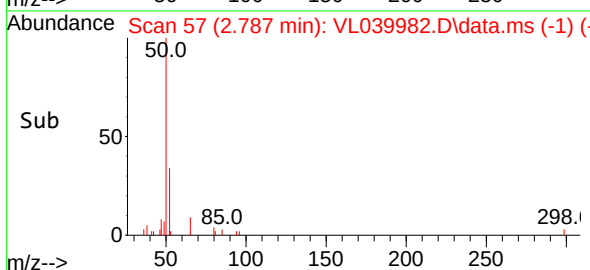
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Supervised By :Mahesh Dadoda 12/14/2022

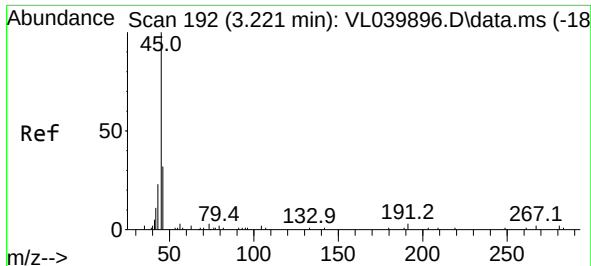


#4
Chloromethane
Concen: 0.138 ppbv
RT: 2.787 min Scan# 57
Delta R.T. 0.007 min
Lab File: VL039982.D
Acq: 12 Dec 2022 19:06



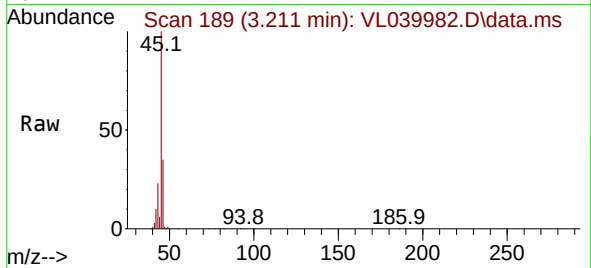
Tgt Ion: 50 Resp: 14402
Ion Ratio Lower Upper
50 100
52 35.6 27.8 41.8





#13
Ethanol
Concen: 100.703 ppbv
RT: 3.211 min Scan# 189
Delta R.T. -0.003 min
Lab File: VL039982.D
Acq: 12 Dec 2022 19:06

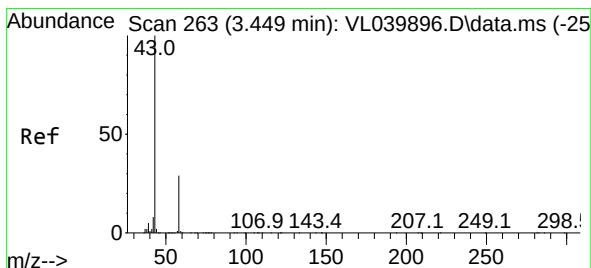
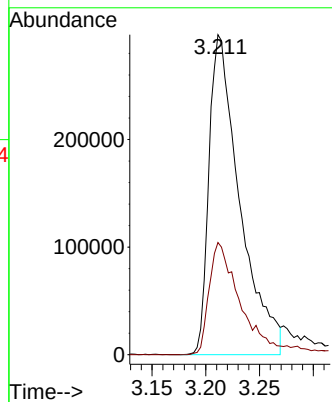
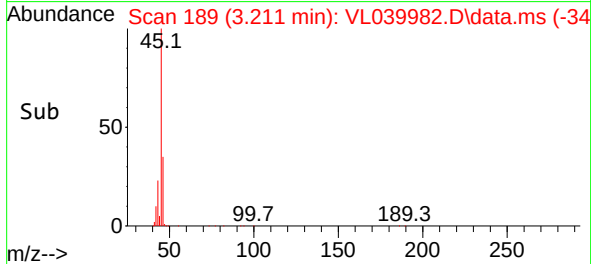
Instrument :
MSVOA_L
ClientSampleId :
IA-4DL



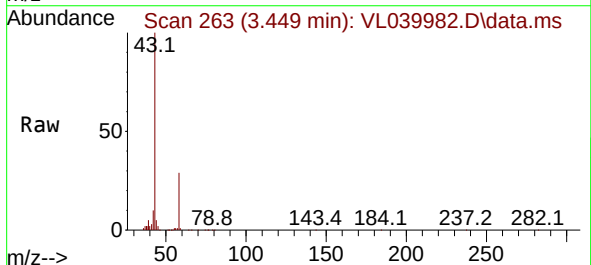
Tgt Ion: 45 Resp: 591630
Ion Ratio Lower Upper
45 100
46 38.3 14.6 58.2

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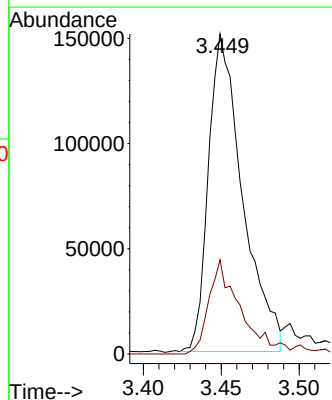
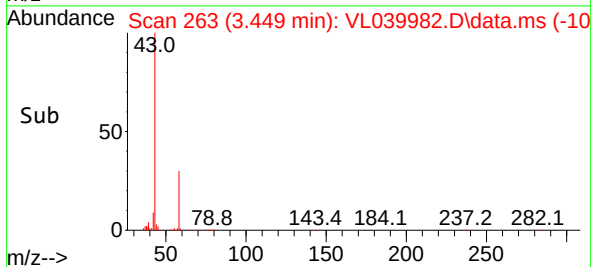
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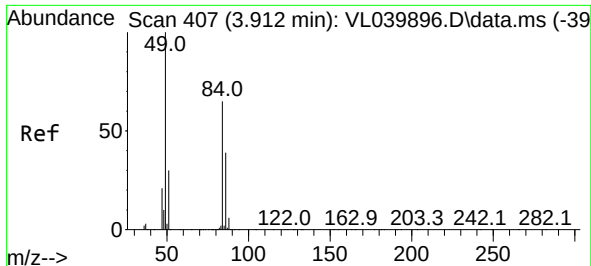


#15
Acetone
Concen: 1.465 ppbv
RT: 3.449 min Scan# 263
Delta R.T. 0.016 min
Lab File: VL039982.D
Acq: 12 Dec 2022 19:06



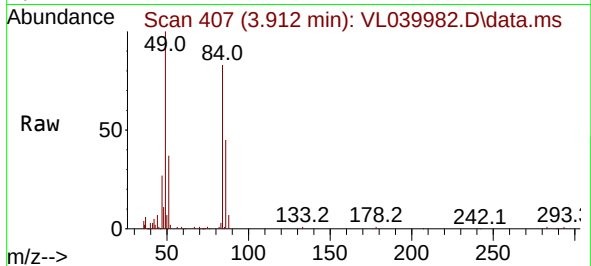
Tgt Ion: 43 Resp: 230002
Ion Ratio Lower Upper
43 100
58 29.2 22.9 34.3





#20
Methylene Chloride
Concen: 0.887 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.016 min
Lab File: VL039982.D
Acq: 12 Dec 2022 19:06

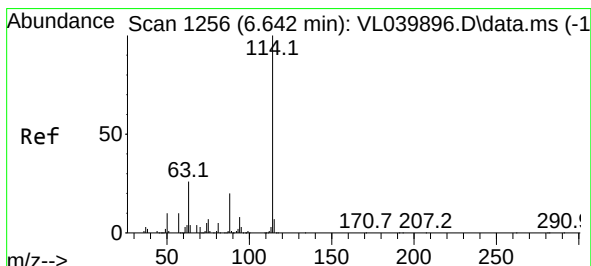
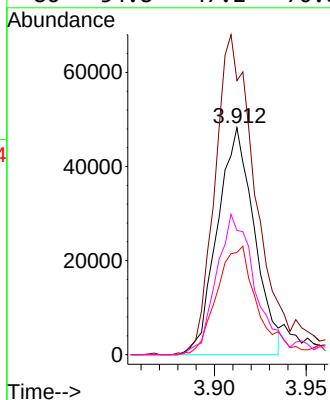
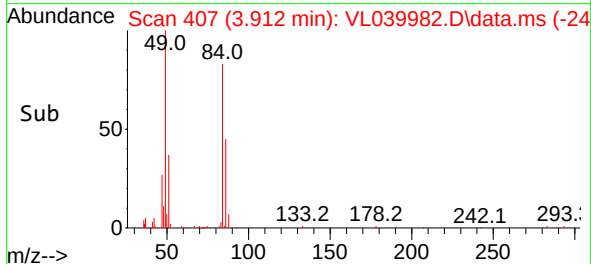
Instrument :
MSVOA_L
ClientSampleId :
IA-4DL



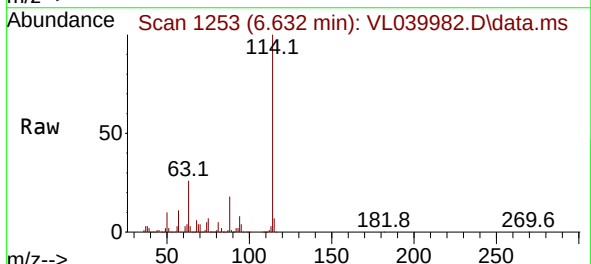
Tgt Ion: 84 Resp: 6745
Ion Ratio Lower Upper
84 100
49 119.9 122.2 183.4
51 45.1 36.3 54.5
86 54.8 47.2 70.8

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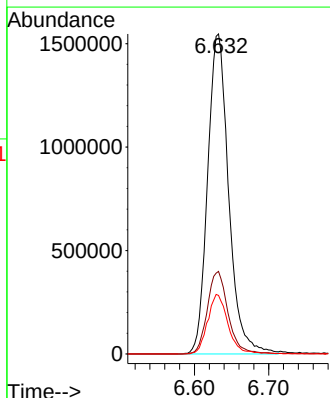
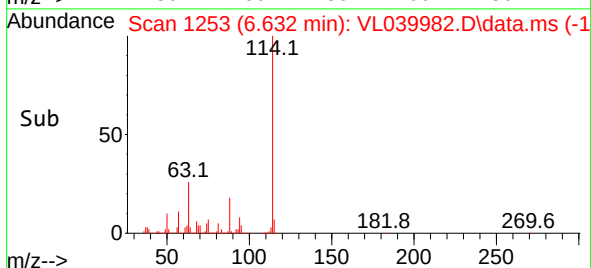
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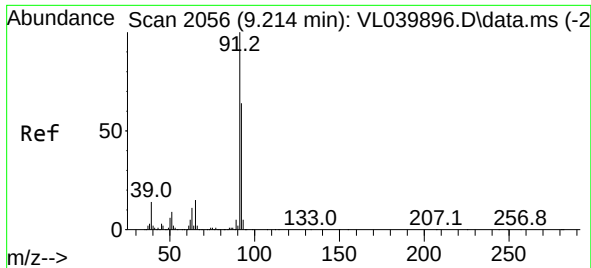


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.013 min
Lab File: VL039982.D
Acq: 12 Dec 2022 19:06



Tgt Ion:114 Resp: 3044963
Ion Ratio Lower Upper
114 100
63 25.6 21.4 32.0
88 18.1 15.3 22.9





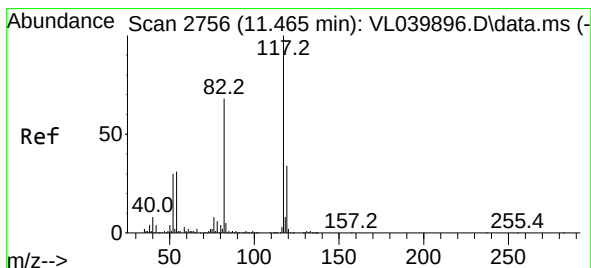
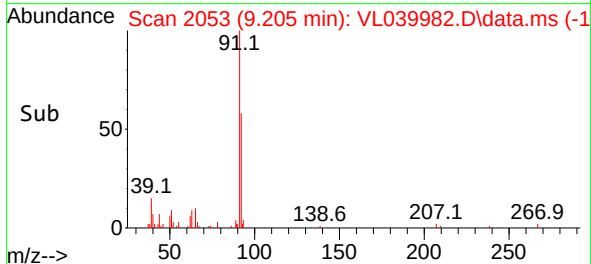
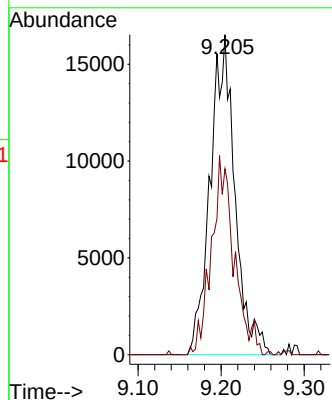
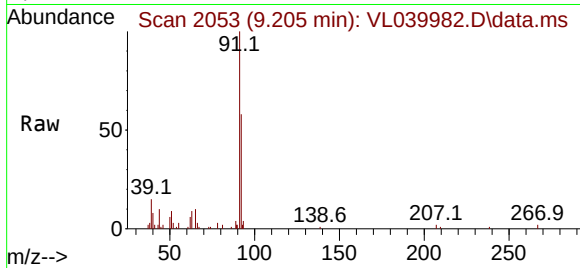
#53
Toluene
Concen: 0.115 ppbv m
RT: 9.205 min Scan# 2056
Delta R.T. 0.020 min
Lab File: VL039982.D
Acq: 12 Dec 2022 19:06

Instrument :
MSVOA_L
ClientSampleId :
IA-4DL

Tgt Ion: 91 Resp: 3399
Ion Ratio Lower Upper
91 100
92 0.0 49.8 74.6

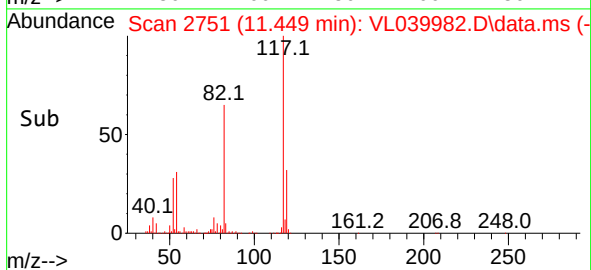
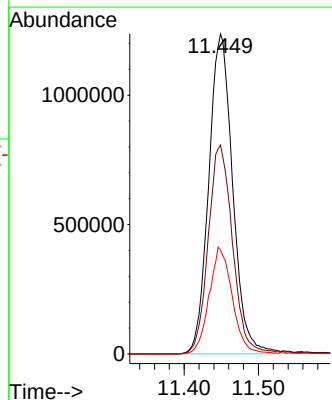
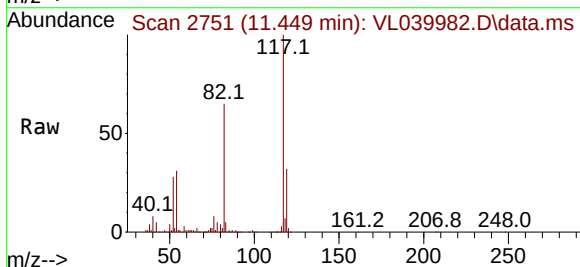
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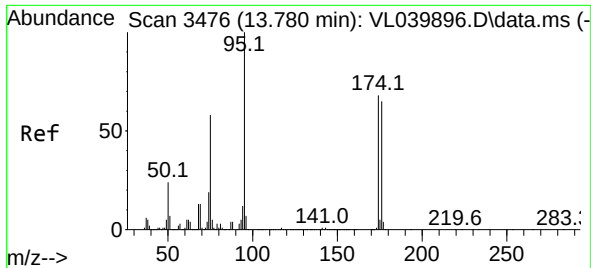
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2751
Delta R.T. 0.016 min
Lab File: VL039982.D
Acq: 12 Dec 2022 19:06

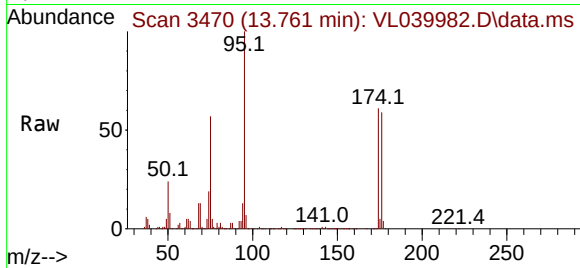
Tgt Ion:117 Resp: 2769364
Ion Ratio Lower Upper
117 100
82 67.0 52.3 78.5
119 32.9 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.571 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. 0.020 min
 Lab File: VL039982.D
 Acq: 12 Dec 2022 19:06

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 2236100
 Ion Ratio Lower Upper
 95 100
 174 61.3 53.7 80.5
 175 4.4 4.0 6.0

Manual Integrations
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