

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039725.D
 Acq On : 17 Oct 2022 18:44
 Operator : SY/AP
 Sample : N5169-06DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

Quant Time: Oct 18 05:28:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 12 2022
 QLast Update : Tue Oct 18 05:23:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	1055975	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.687	114	2785997	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	2379101	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1726611	9.722	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%
Target Compounds						
					Qvalue	
9) Propene	2.745	41	12330	0.215	ppbv	97
13) Ethanol	3.282	45	12234m	2.805	ppbv	
15) Acetone	3.526	43	50139m	0.427	ppbv	
19) Isopropyl Alcohol	3.636	45	13566m	0.226	ppbv	
20) Methylene Chloride	3.973	84	43160	0.794	ppbv	89
26) Hexane	5.250	57	26611m	0.245	ppbv	

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

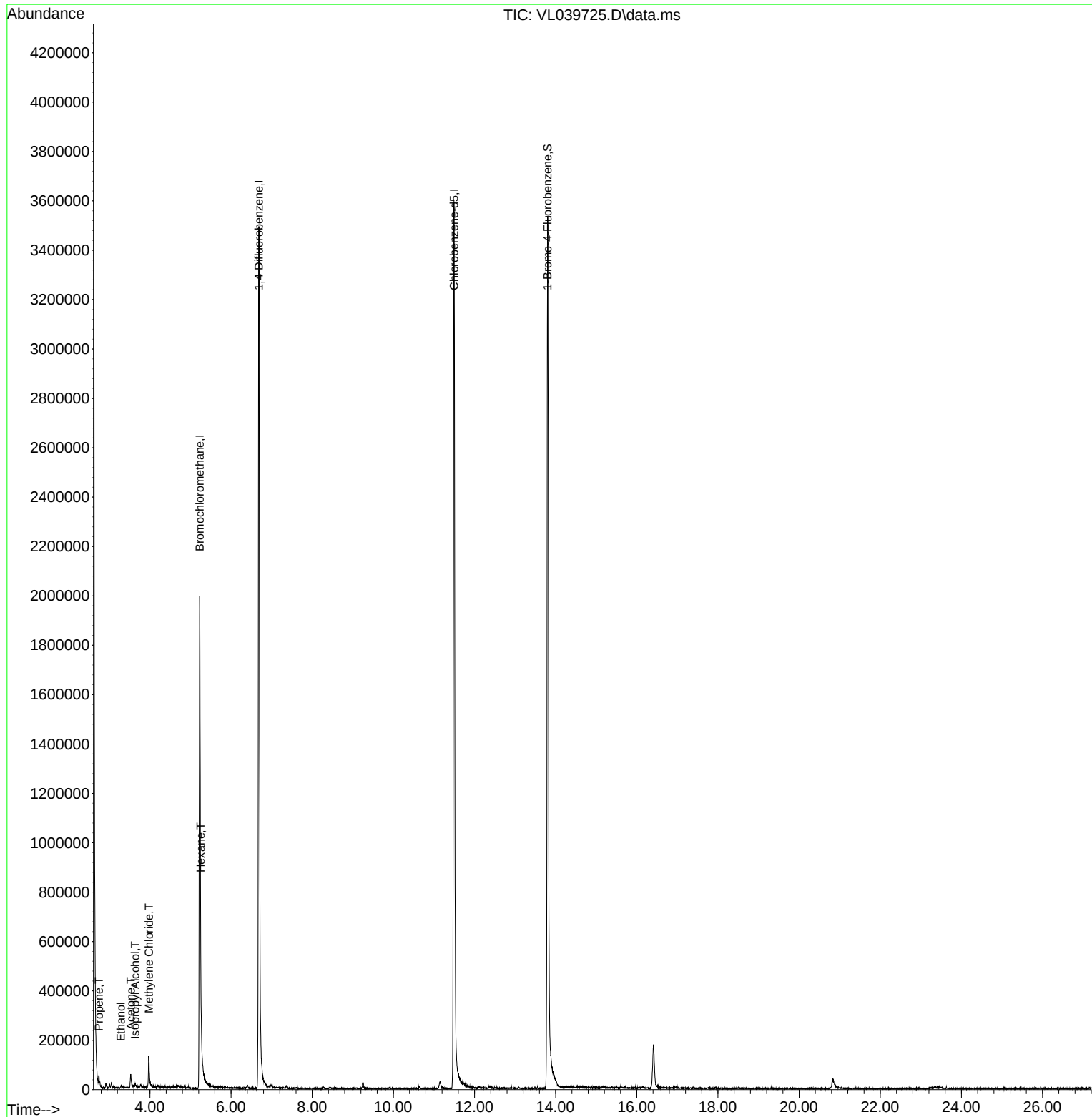
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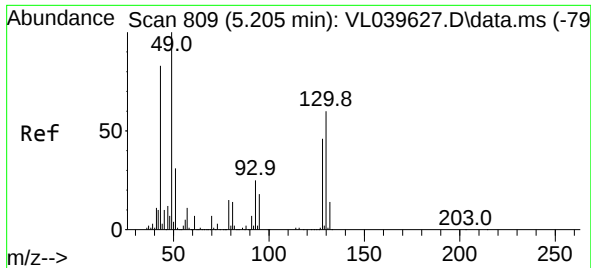
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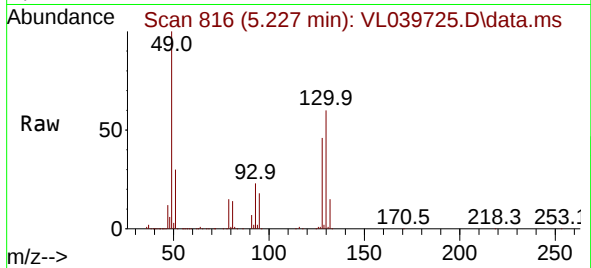
Quant Time: Oct 18 05:28:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Oct 18 05:23:57 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

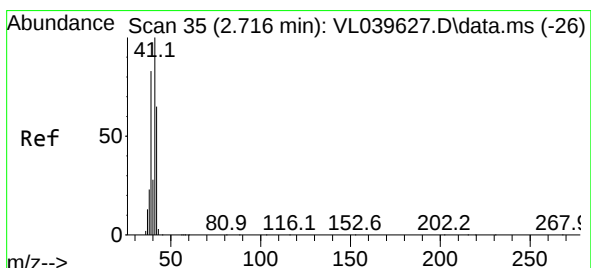
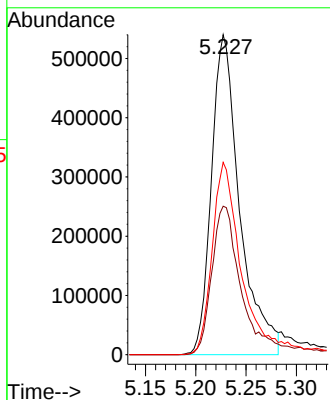
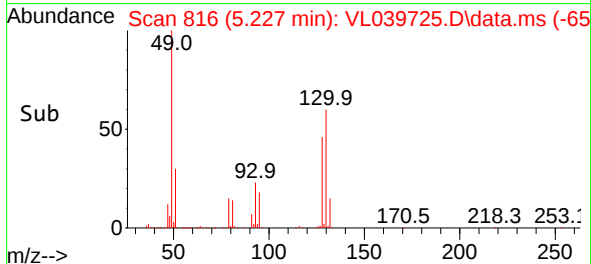
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



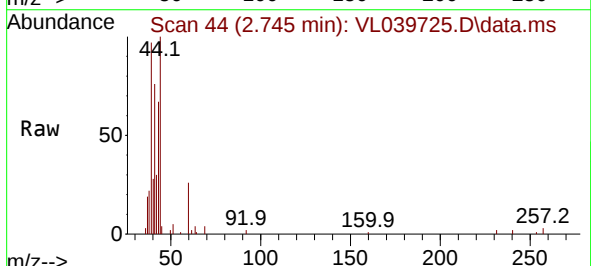
Tgt Ion: 49 Resp: 105597
Ion Ratio Lower Upper
49 100
128 51.6 26.7 80.0
130 64.8 34.3 102.8

Manual Integrations
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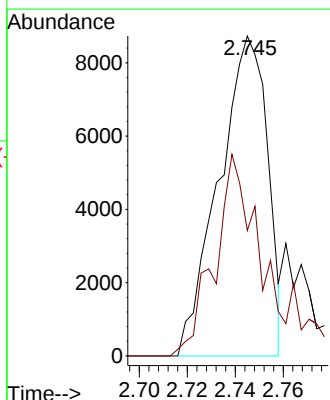
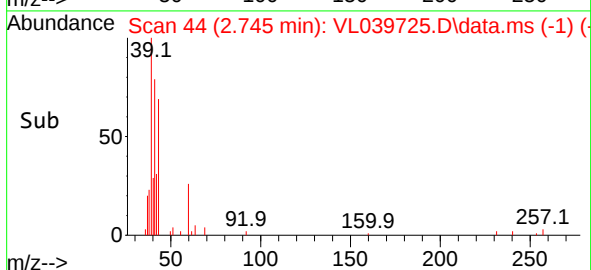
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

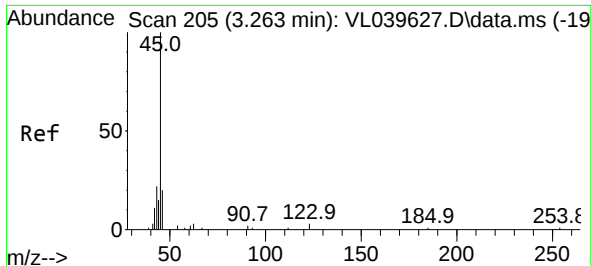


#9
Propene
Concen: 0.215 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.013 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44



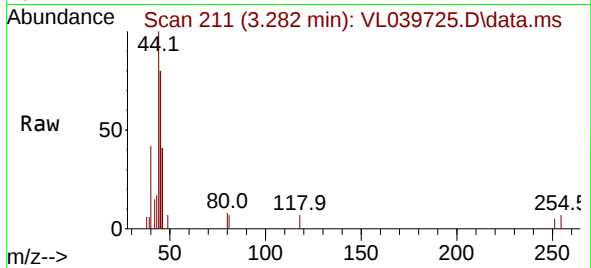
Tgt Ion: 41 Resp: 12330
Ion Ratio Lower Upper
41 100
42 71.6 55.2 82.8





#13
Ethanol
Concen: 2.805 ppbv m
RT: 3.282 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

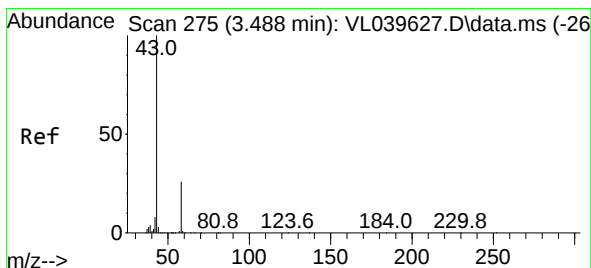
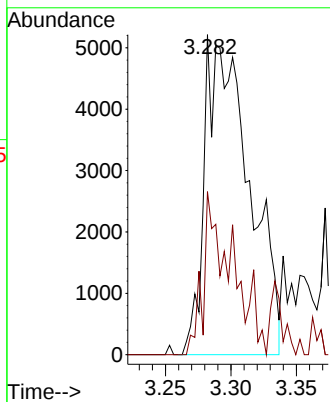
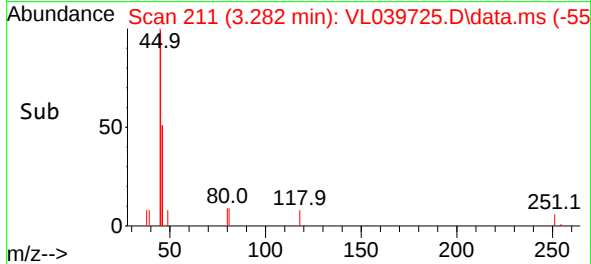
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 45 Resp: 12234
Ion Ratio Lower Upper
45 100
46 33.1 22.8 91.2

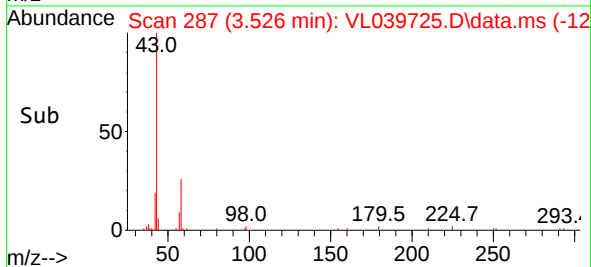
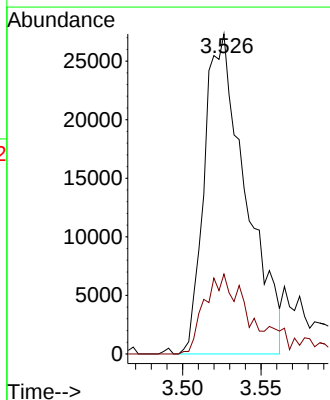
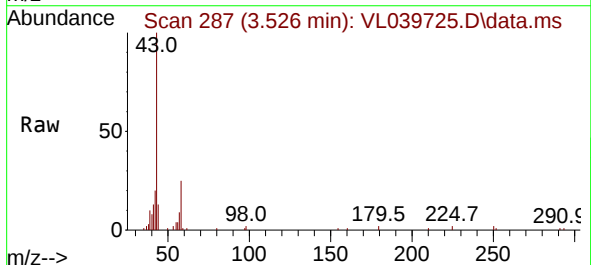
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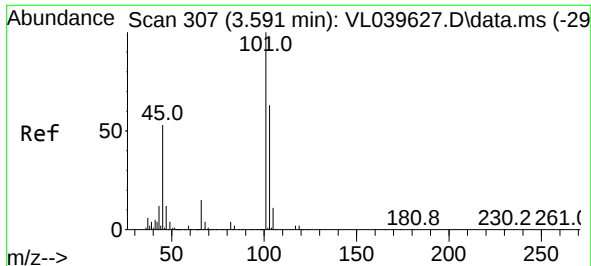
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#15
Acetone
Concen: 0.427 ppbv m
RT: 3.526 min Scan# 287
Delta R.T. 0.023 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

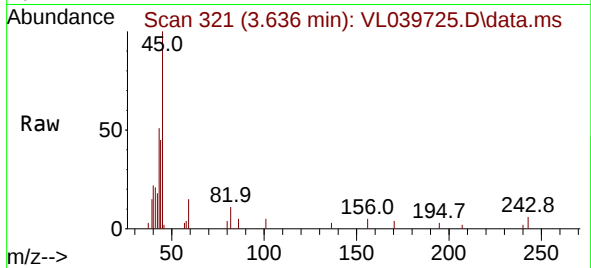
Tgt Ion: 43 Resp: 50139
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.6#





#19
Isopropyl Alcohol
Concen: 0.226 ppbv m
RT: 3.636 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

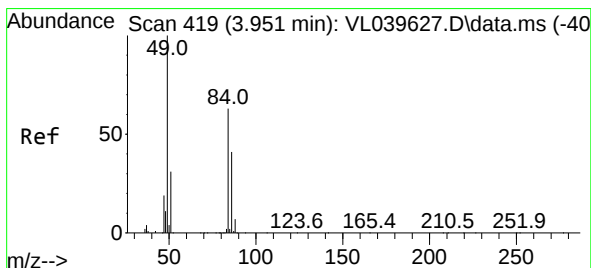
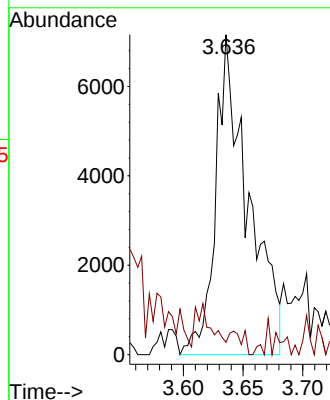
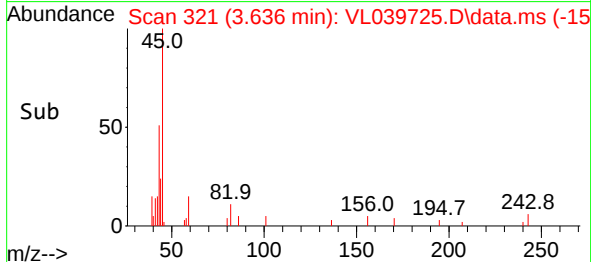
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



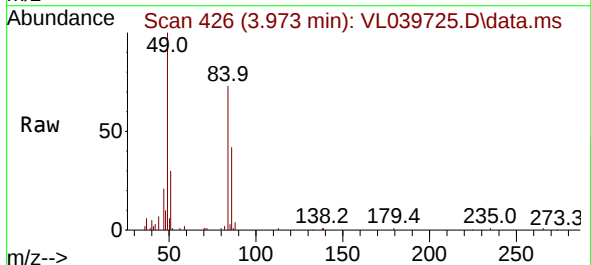
Tgt Ion: 45 Resp: 13560
Ion Ratio Lower Upper
45 100
58 13.2 3.2 4.8

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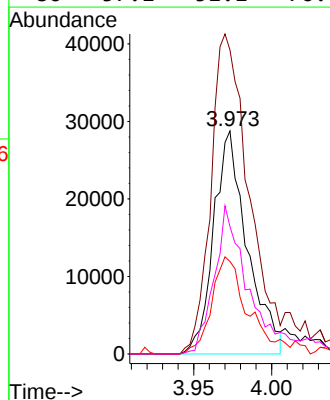
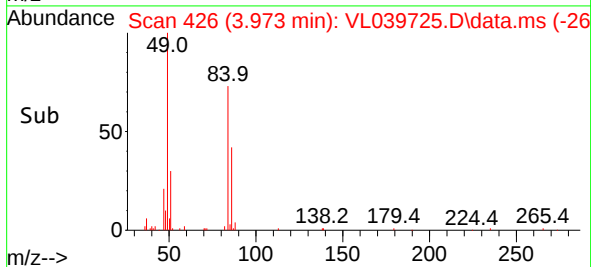
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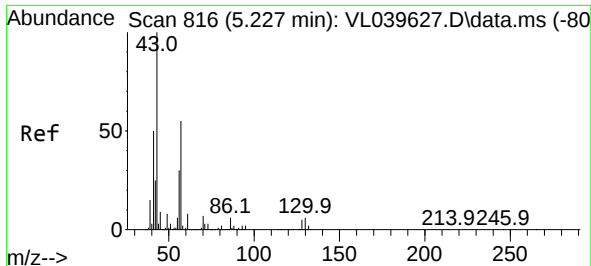


#20
Methylene Chloride
Concen: 0.794 ppbv
RT: 3.973 min Scan# 426
Delta R.T. 0.003 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44



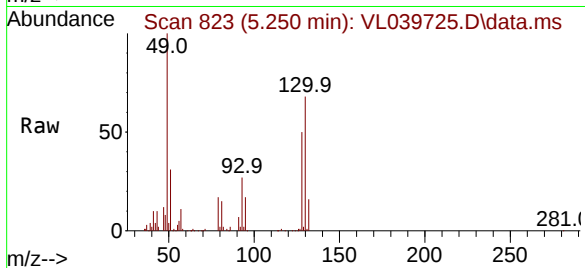
Tgt Ion: 84 Resp: 43160
Ion Ratio Lower Upper
84 100
49 136.3 123.1 184.7
51 41.5 34.4 51.6
86 57.1 51.1 76.7





#26
Hexane
Concen: 0.245 ppbv m
RT: 5.250 min Scan# 816
Delta R.T. 0.003 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

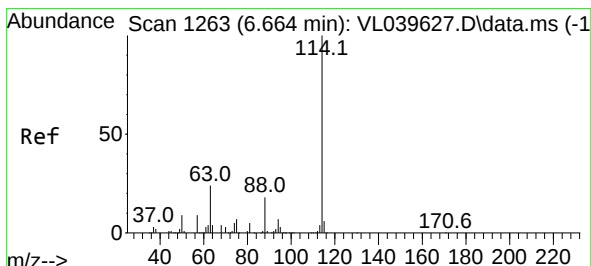
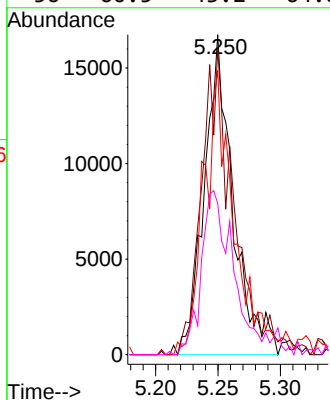
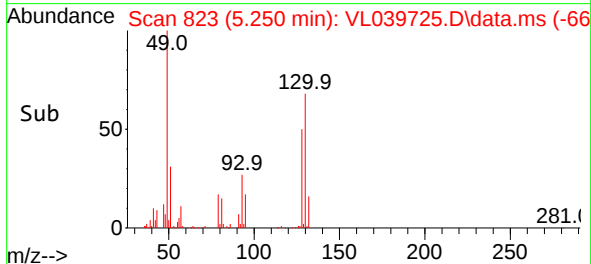
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 57 Resp: 2661
Ion Ratio Lower Upper
57 100
41 111.1 76.9 115.3
43 98.8 191.0 286.6
56 60.5 43.2 64.8

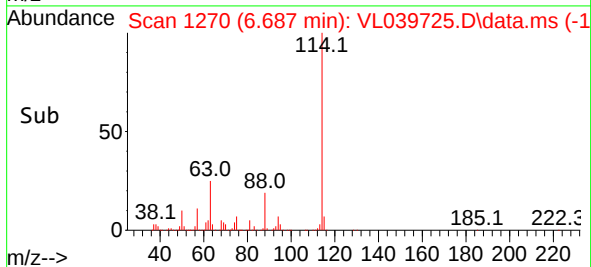
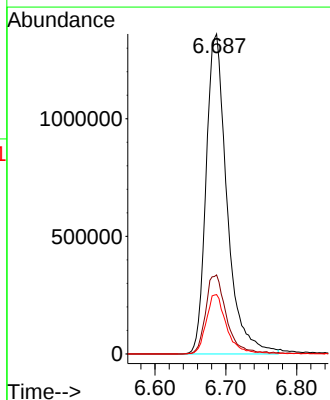
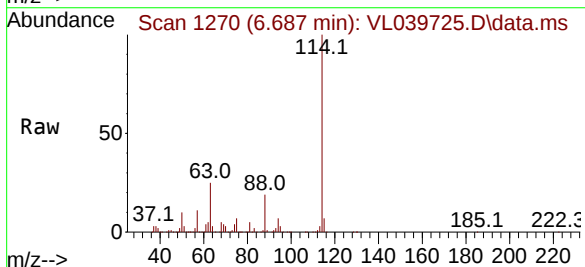
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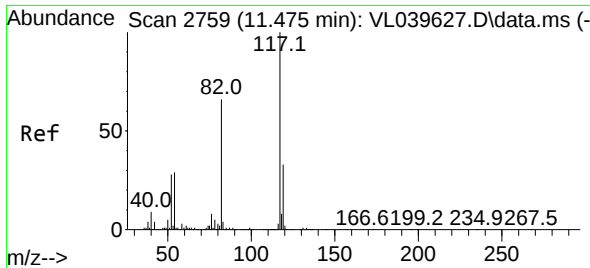
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.687 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

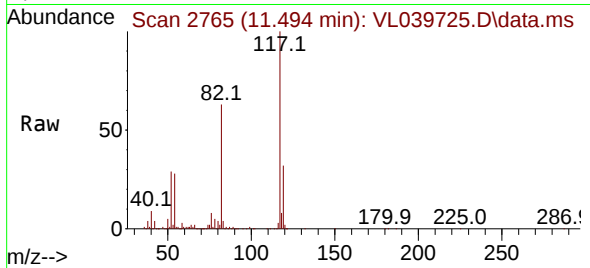
Tgt Ion:114 Resp: 2785997
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.4
88 18.4 14.5 21.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

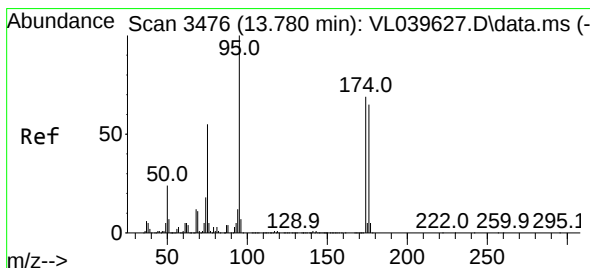
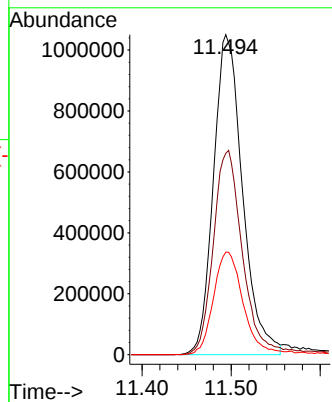
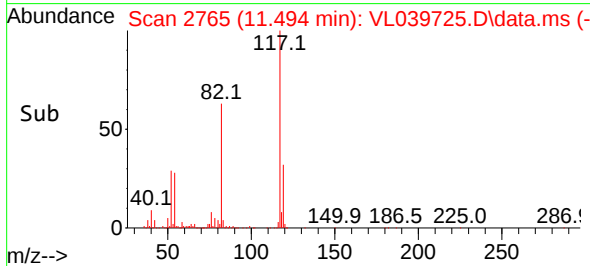
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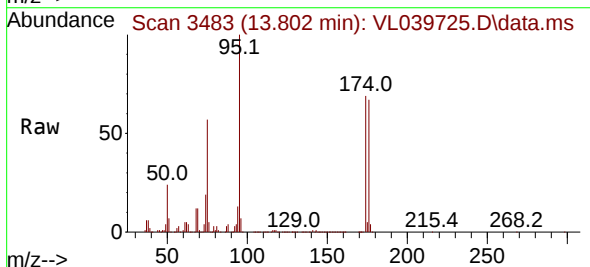
Tgt Ion: 117 Resp: 237910
Ion Ratio Lower Upper
117 100
82 65.5 50.8 76.2
119 33.5 24.1 36.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.722 ppbv
RT: 13.802 min Scan# 3483
Delta R.T. 0.003 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44



Tgt Ion: 95 Resp: 1726611
Ion Ratio Lower Upper
95 100
174 73.6 55.9 83.9
175 5.4 4.2 6.4

