

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039792.D
 Acq On : 25 Oct 2022 17:53
 Operator : SY/AP
 Sample : N5227-12
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 L

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 16:27:08 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Oct 24 20:00:55 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	905341	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2266587	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1979427	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1409308	10.009	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.100%
Target Compounds						
2) Dichlorodifluoromethane	2.755	85	32706	0.345	ppbv	89
11) Trichlorofluoromethane	3.584	101	32356	0.244	ppbv	98
13) Ethanol	3.263	45	101458	30.233	ppbv	99
15) Acetone	3.488	43	519930	4.808	ppbv	97
20) Methylene Chloride	3.951	84	1886780	45.862	ppbv	97
26) Hexane	5.227	57	1119744	12.738	ppbv #	38
35) Carbon Tetrachloride	6.501	117	8389m	0.065	ppbv	
53) Toluene	9.227	91	56223m	0.307	ppbv	
74) 1,2,4-Trimethylbenzene	16.114	105	32585m	0.146	ppbv	

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

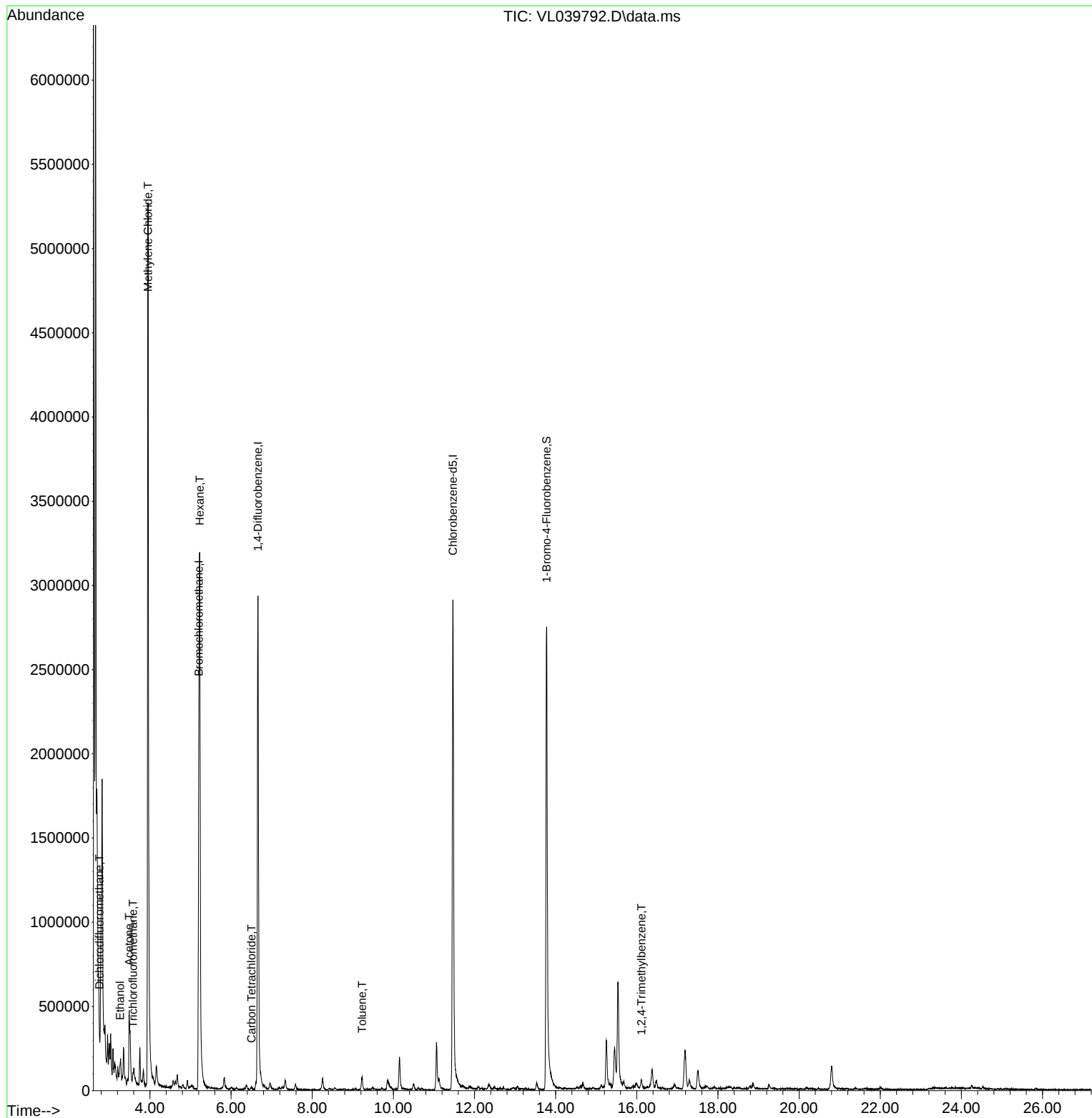
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
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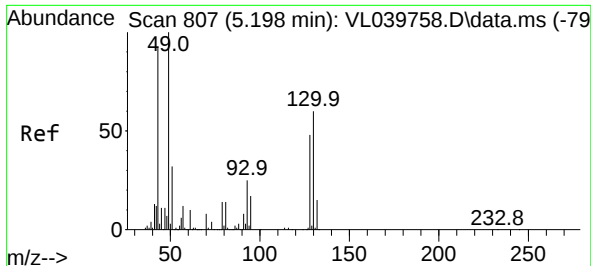
Instrument :
MSVOA_L
ClientSampleId :
L

Quant Time: Oct 27 16:27:08 2022
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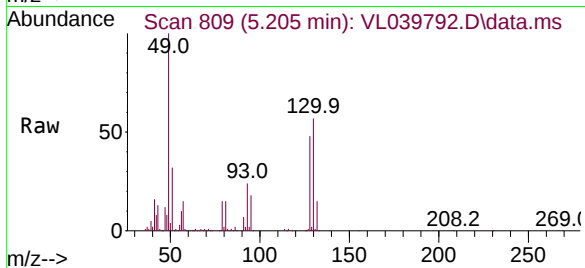
Reviewed By : Semsettin Yesilyurt 10/28/2022
Supervised By : Mahesh Dadoda 10/31/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL039792.D
Acq: 25 Oct 2022 17:53

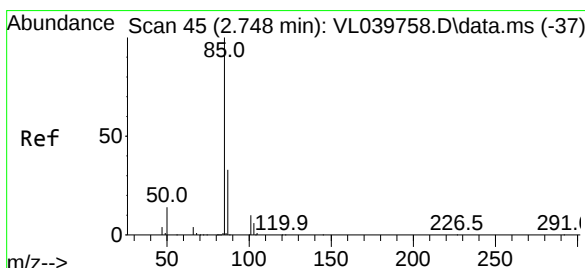
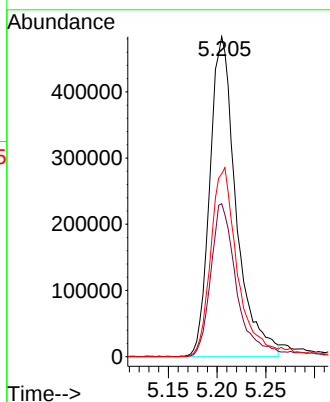
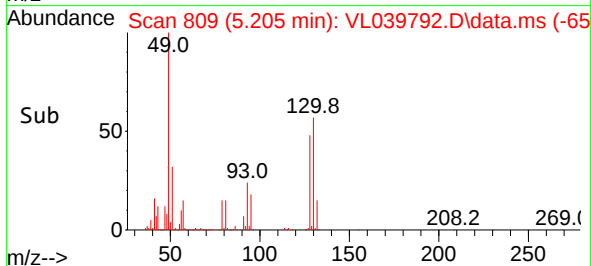
Instrument :
MSVOA_L
Client Sample Id :



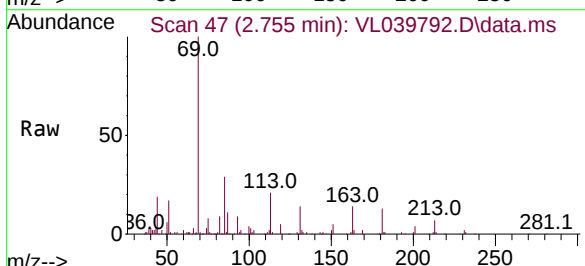
Tgt Ion: 49 Resp: 90534
Ion Ratio Lower Upper
49 100
128 49.5 24.6 74.0
130 63.5 31.8 95.3

Manual Integrations
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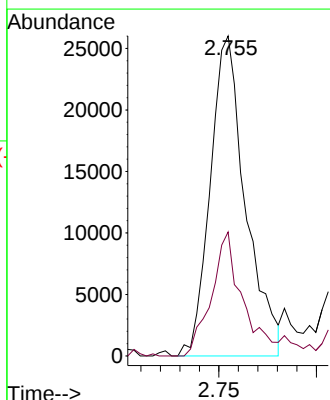
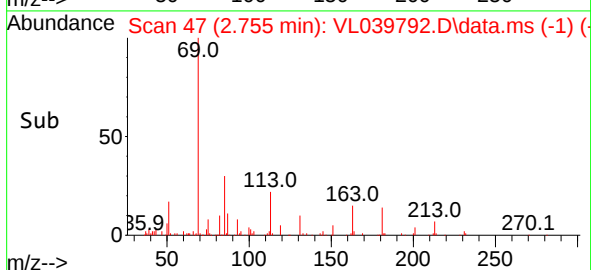
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

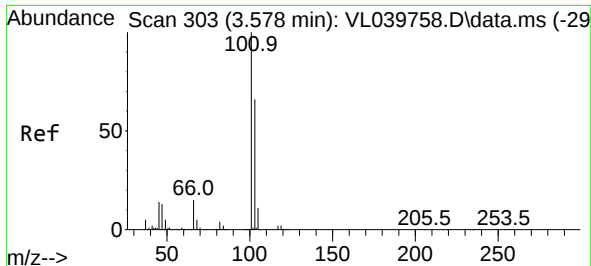


#2
Dichlorodifluoromethane
Concen: 0.345 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.007 min
Lab File: VL039792.D
Acq: 25 Oct 2022 17:53



Tgt Ion: 85 Resp: 32706
Ion Ratio Lower Upper
85 100
87 38.7 26.1 39.1





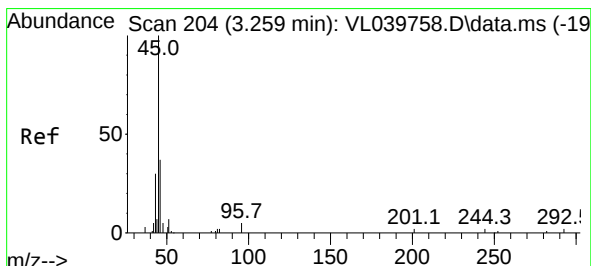
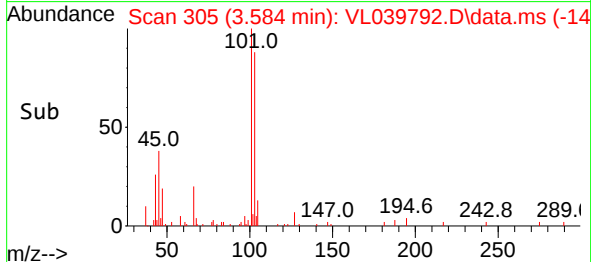
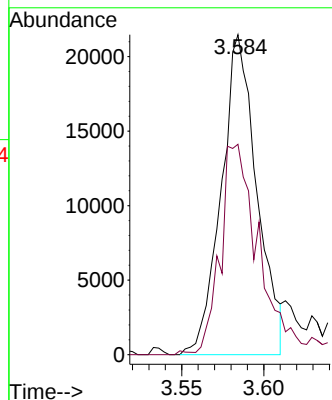
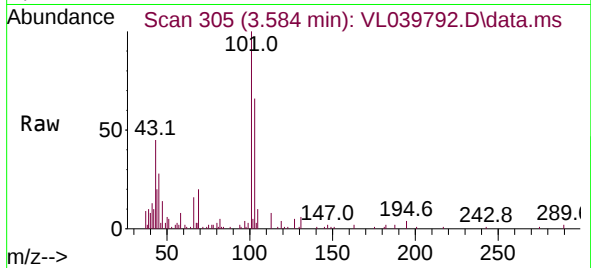
#11
Trichlorofluoromethane
Concen: 0.244 ppbv
RT: 3.584 min Scan# 303
Delta R.T. 0.007 min
Lab File: VL039792.D
Acq: 25 Oct 2022 17:53

Instrument :
MSVOA_L
ClientSampleId :
L

Tgt Ion:101 Resp: 32350
Ion Ratio Lower Upper
101 100
103 64.6 52.7 79.1

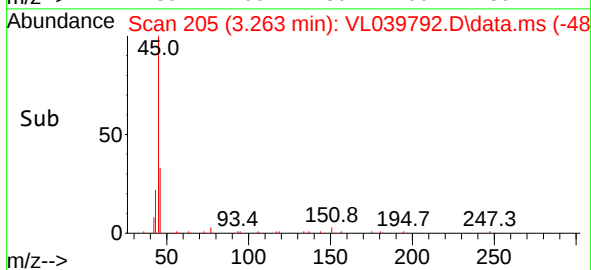
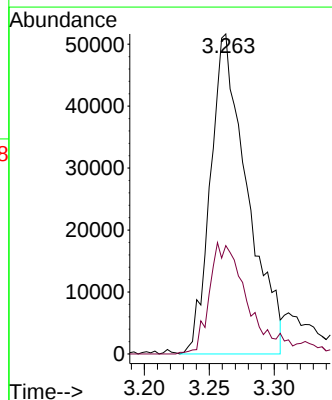
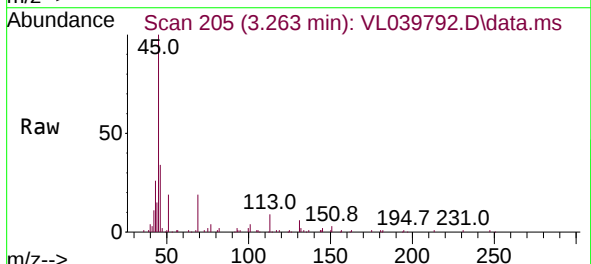
Manual Integrations
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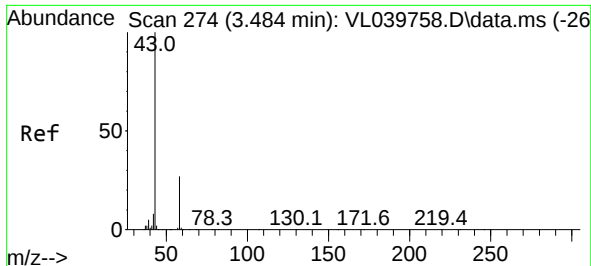
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#13
Ethanol
Concen: 30.233 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.003 min
Lab File: VL039792.D
Acq: 25 Oct 2022 17:53

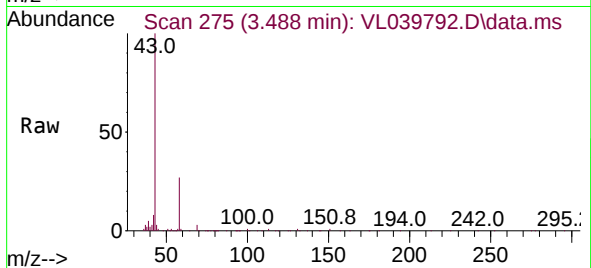
Tgt Ion: 45 Resp: 101458
Ion Ratio Lower Upper
45 100
46 38.7 15.3 61.3





#15
Acetone
Concen: 4.808 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039792.D
Acq: 25 Oct 2022 17:53

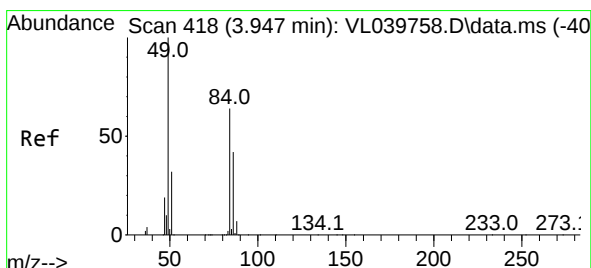
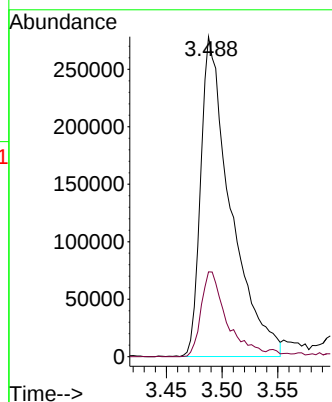
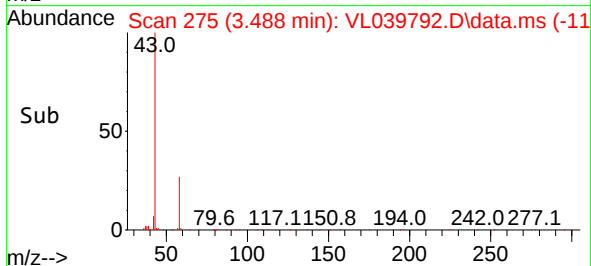
Instrument :
MSVOA_L
ClientSampleId :
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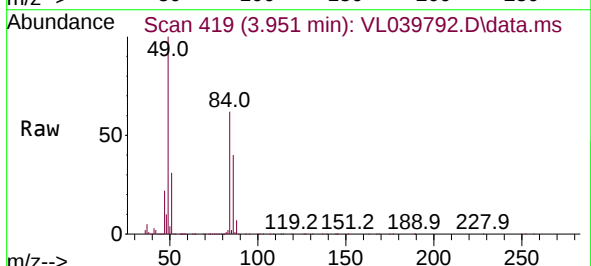
Tgt Ion: 43 Resp: 519930
Ion Ratio Lower Upper
43 100
58 24.3 20.7 31.1

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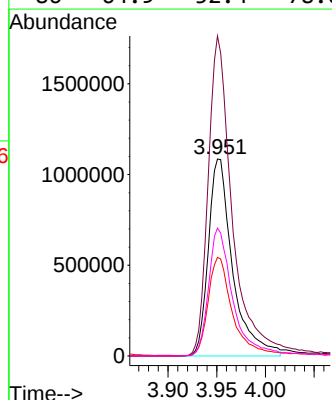
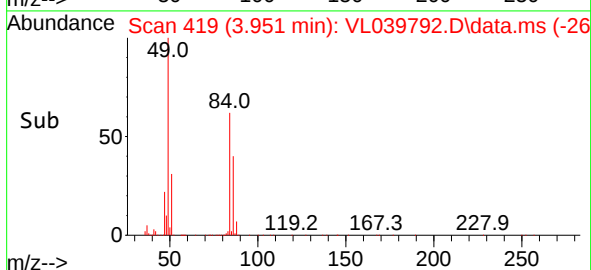
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

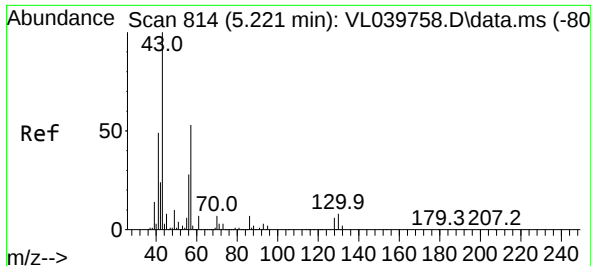


#20
Methylene Chloride
Concen: 45.862 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.003 min
Lab File: VL039792.D
Acq: 25 Oct 2022 17:53



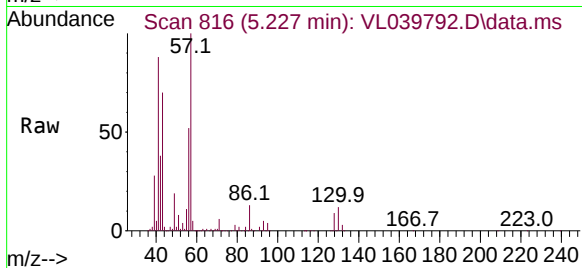
Tgt Ion: 84 Resp: 1886780
Ion Ratio Lower Upper
84 100
49 162.4 126.0 189.0
51 49.8 40.9 61.3
86 64.9 52.4 78.6





#26
Hexane
Concen: 12.738 ppbv
RT: 5.227 min Scan# 814
Delta R.T. 0.007 min
Lab File: VL039792.D
Acq: 25 Oct 2022 17:53

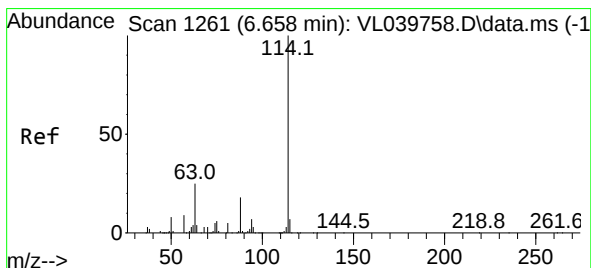
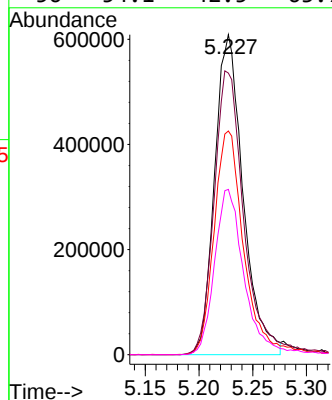
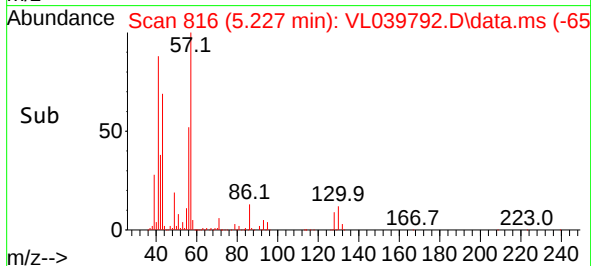
Instrument :
MSVOA_L
Client Sample Id :
L



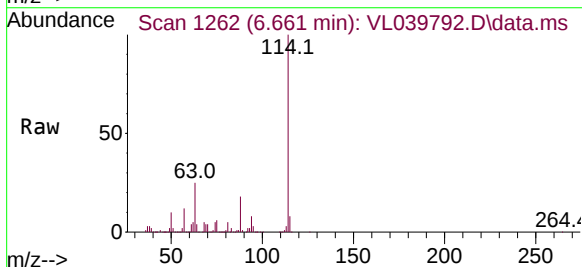
Tgt Ion: 57 Resp: 1119744
Ion Ratio Lower Upper
57 100
41 94.7 76.1 114.1
43 74.4 197.1 295.7
56 54.1 42.5 63.7

Manual Integrations
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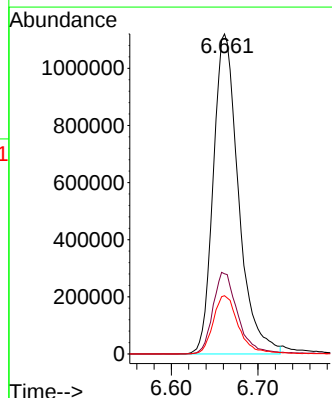
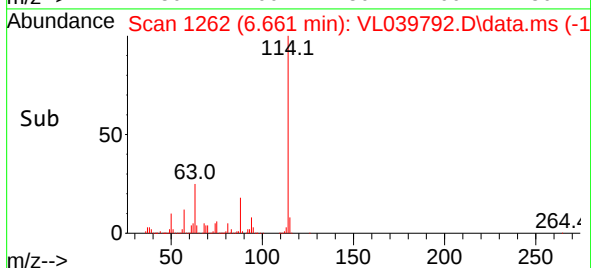
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

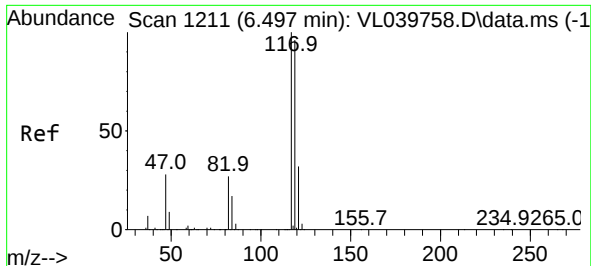


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VL039792.D
Acq: 25 Oct 2022 17:53



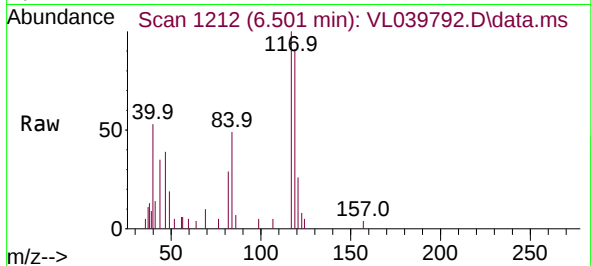
Tgt Ion:114 Resp: 2266587
Ion Ratio Lower Upper
114 100
63 25.7 20.1 30.1
88 18.5 14.5 21.7





#35
Carbon Tetrachloride
Concen: 0.065 ppbv m
RT: 6.501 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039792.D
Acq: 25 Oct 2022 17:53

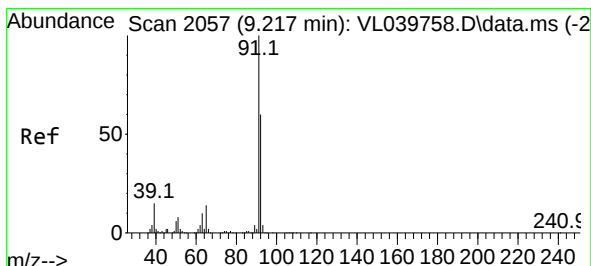
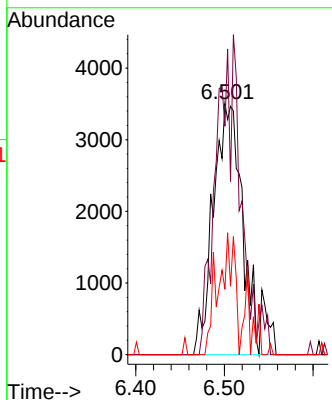
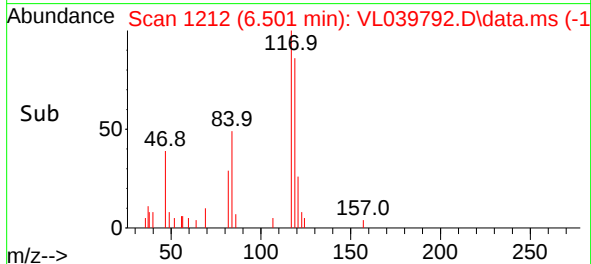
Instrument :
MSVOA_L
ClientSampled :



Tgt Ion: 117 Resp: 8389
Ion Ratio Lower Upper
117 100
119 91.0 76.6 115.0
121 26.1 25.3 37.9

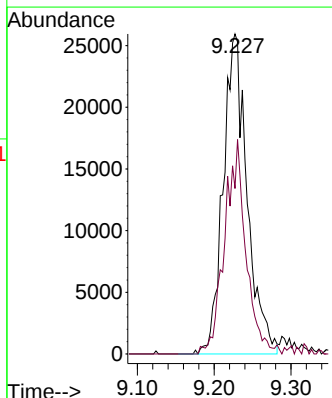
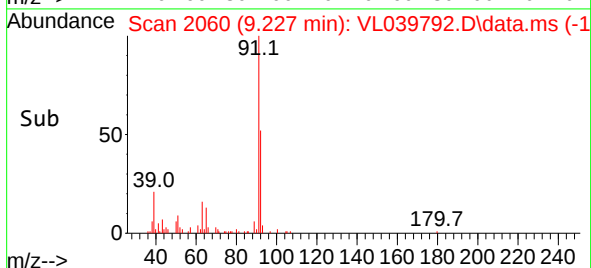
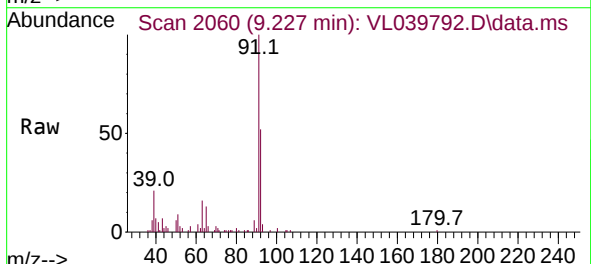
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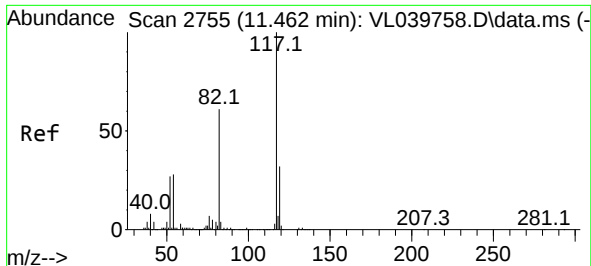
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#53
Toluene
Concen: 0.307 ppbv m
RT: 9.227 min Scan# 2060
Delta R.T. 0.010 min
Lab File: VL039792.D
Acq: 25 Oct 2022 17:53

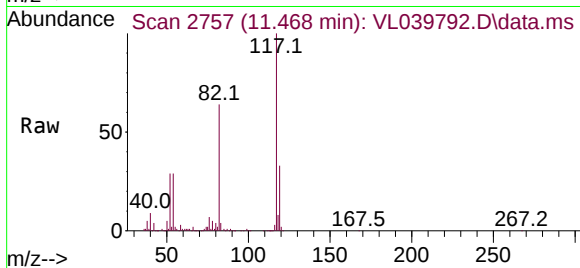
Tgt Ion: 91 Resp: 56223
Ion Ratio Lower Upper
91 100
92 61.4 48.0 72.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039792.D
Acq: 25 Oct 2022 17:53

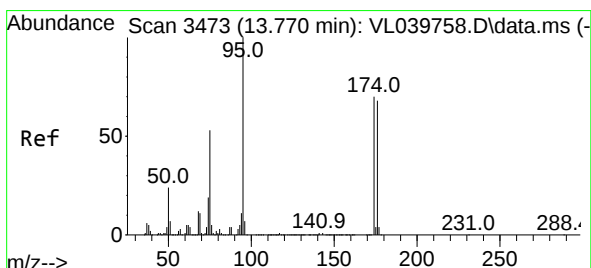
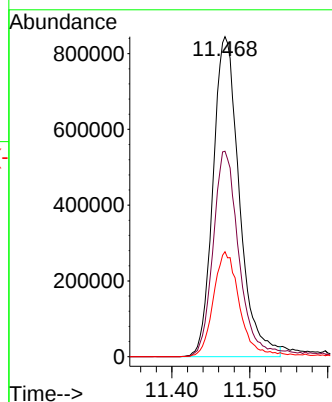
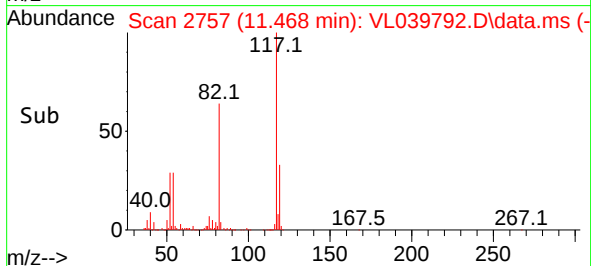
Instrument :
MSVOA_L
ClientSampleId :
L



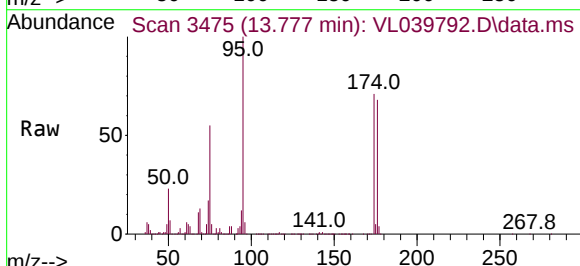
Tgt Ion: 117 Resp: 197942
Ion Ratio Lower Upper
117 100
82 65.7 49.9 74.9
119 33.6 25.2 37.8

Manual Integrations
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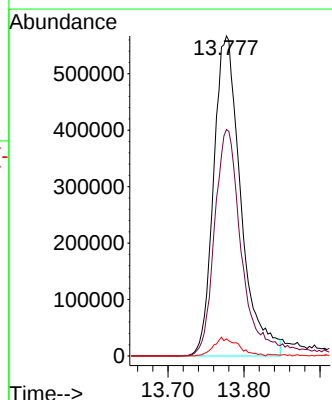
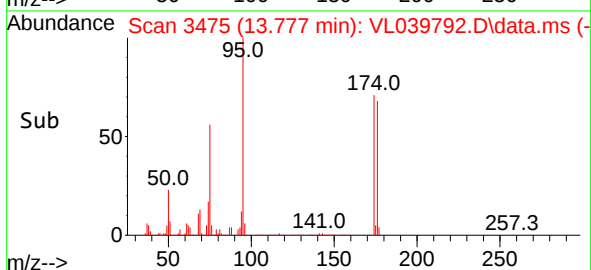
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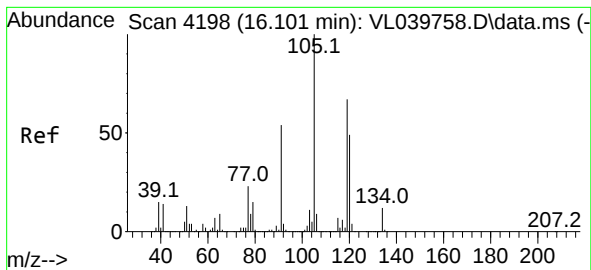


#68
1-Bromo-4-Fluorobenzene
Concen: 10.009 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.007 min
Lab File: VL039792.D
Acq: 25 Oct 2022 17:53



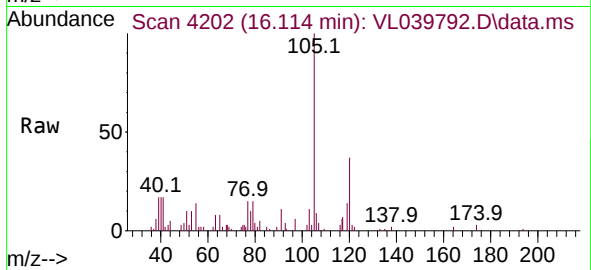
Tgt Ion: 95 Resp: 1409308
Ion Ratio Lower Upper
95 100
174 74.4 57.3 85.9
175 5.2 4.2 6.2





#74
1,2,4-Trimethylbenzene
Concen: 0.146 ppbv m
RT: 16.114 min Scan# 4198
Delta R.T. 0.013 min
Lab File: VL039792.D
Acq: 25 Oct 2022 17:53

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:	105	Resp:	3258
Ion	Ratio	Lower	Upper
105	100		
120	37.0	39.6	59.4
91	11.2	42.9	64.3
77	14.6	18.2	27.4

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