

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
 Data File : VL039911.D
 Acq On : 21 Nov 2022 15:46
 Operator : SY/AP
 Sample : N5724-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022
 Supervised By :Mahesh Dadoda 11/24/2022

Quant Time: Nov 22 03:48:56 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Tue Nov 22 03:45:31 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	1038830	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.626	114	3250689	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2851119	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2241433	10.293	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.703	85	52676	0.354	ppbv	97
3) Chlorodifluoromethane	2.648	51	51427	0.359	ppbv	98
4) Chloromethane	2.790	50	37835	0.413	ppbv #	85
9) Propene	2.681	41	29215	0.433	ppbv	83
11) Trichlorofluoromethane	3.539	101	44863	0.247	ppbv	90
13) Ethanol	3.221	45	80182m	15.553	ppbv	
15) Acetone	3.443	43	500341	3.631	ppbv	99
19) Isopropyl Alcohol	3.565	45	24725m	0.331	ppbv	
20) Methylene Chloride	3.906	84	2153168	32.254	ppbv	94
26) Hexane	5.189	57	945480	8.555	ppbv #	38
34) 2-Butanone	4.767	43	33251	0.214	ppbv #	85
35) Carbon Tetrachloride	6.468	117	12294m	0.067	ppbv	
36) Benzene	6.349	78	33163m	0.120	ppbv	
53) Toluene	9.198	91	66376m	0.211	ppbv	

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

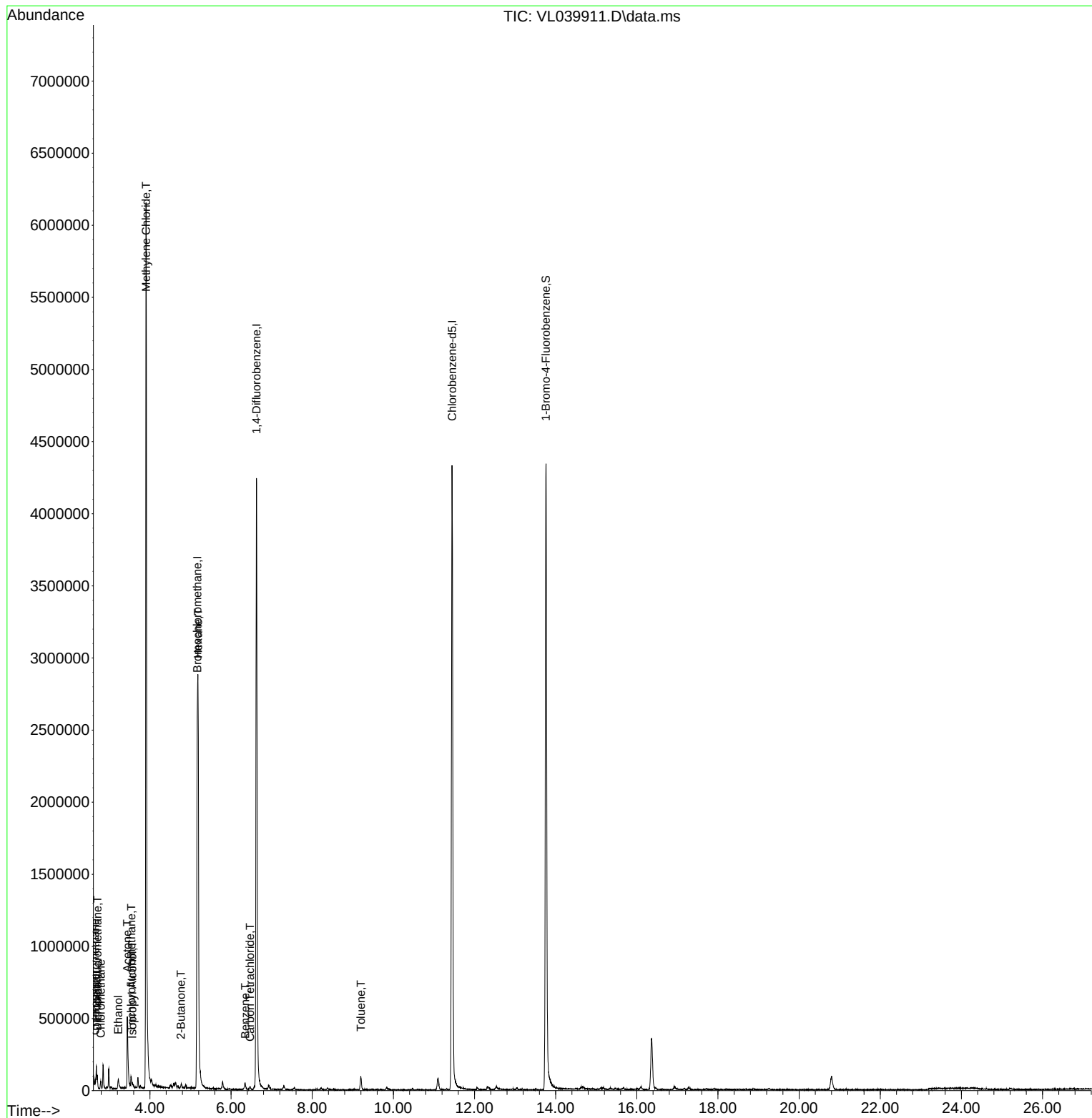
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
Data File : VL039911.D
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Operator : SY/AP
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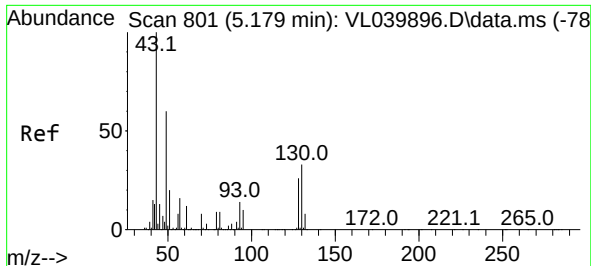
Instrument :
MSVOA_L
ClientSampleId :
OA1

Quant Time: Nov 22 03:48:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Nov 22 03:45:31 2022
Response via : Initial Calibration

Manual Integrations
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Supervised By : Mahesh Dadoda 11/24/2022





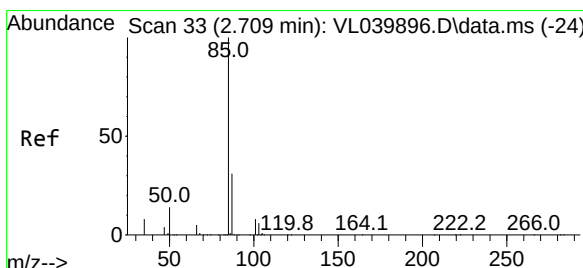
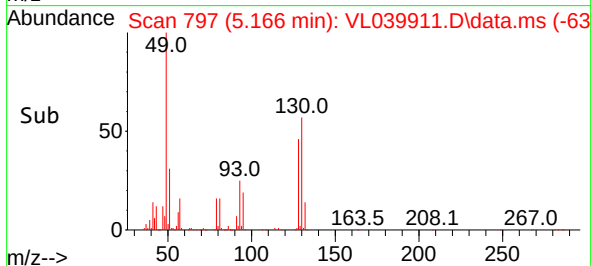
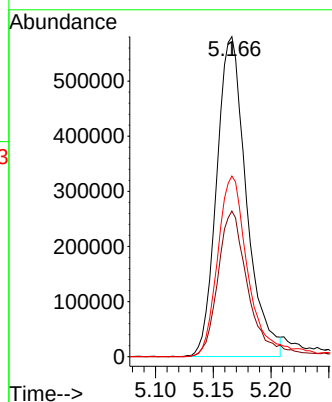
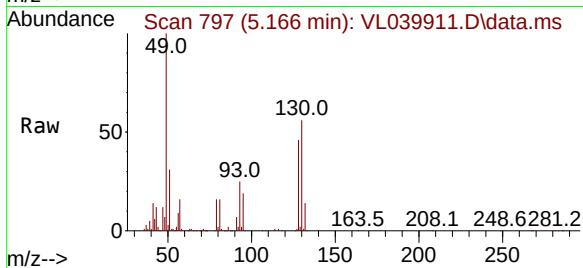
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 79
Delta R.T. 0.010 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 49 Resp: 1038830
Ion Ratio Lower Upper
49 100
128 48.7 22.1 66.3
130 60.4 27.7 83.1

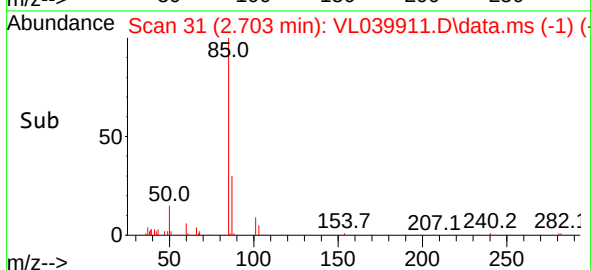
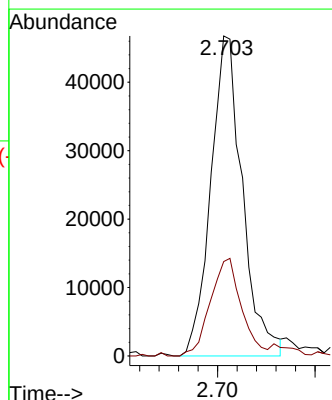
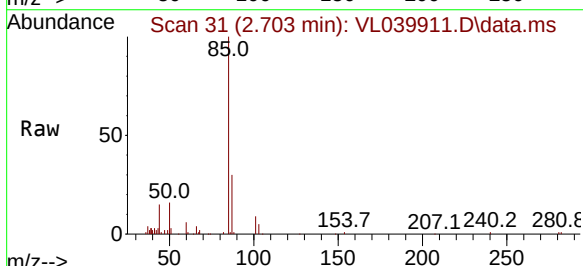
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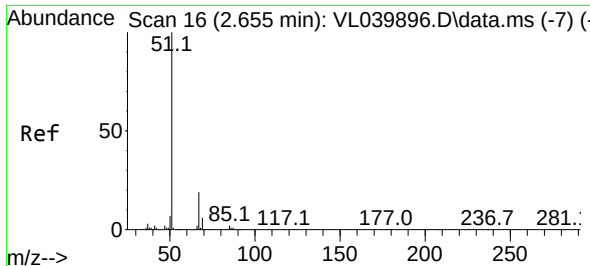
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#2
Dichlorodifluoromethane
Concen: 0.354 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46

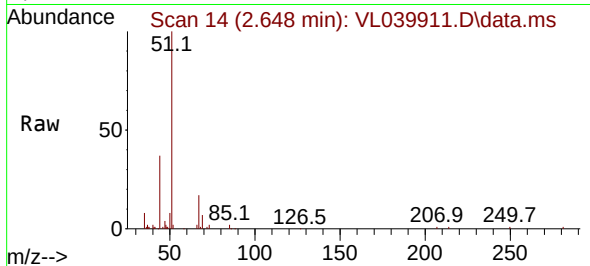
Tgt Ion: 85 Resp: 52676
Ion Ratio Lower Upper
85 100
87 29.5 25.0 37.4





#3
Chlorodifluoromethane
Concen: 0.359 ppbv
RT: 2.648 min Scan# 14
Delta R.T. 0.006 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46

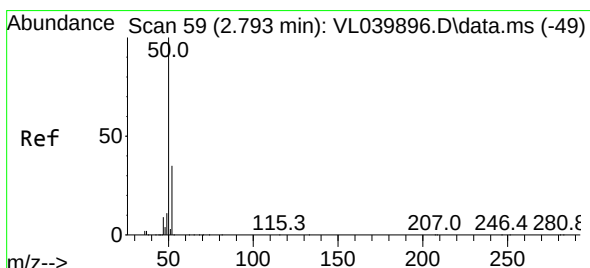
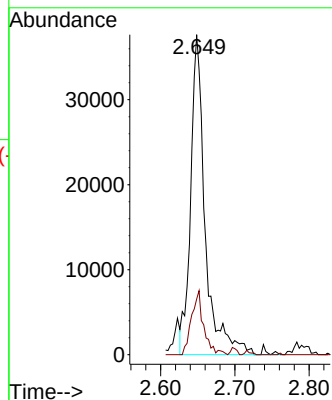
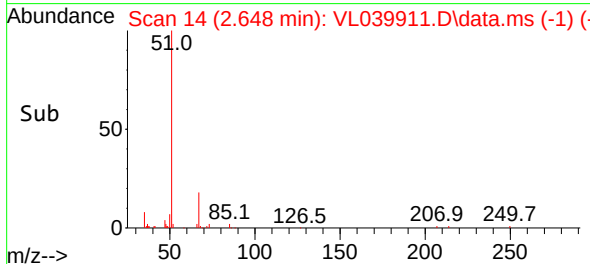
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 51 Resp: 5142
Ion Ratio Lower Upper
51 100
67 16.9 14.2 21.4

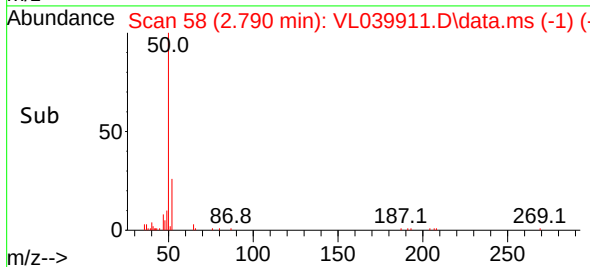
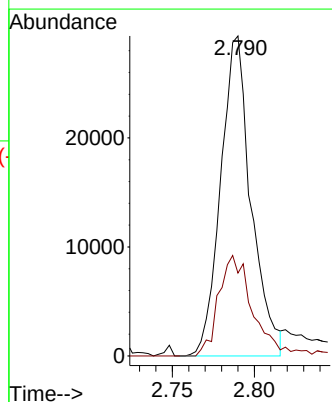
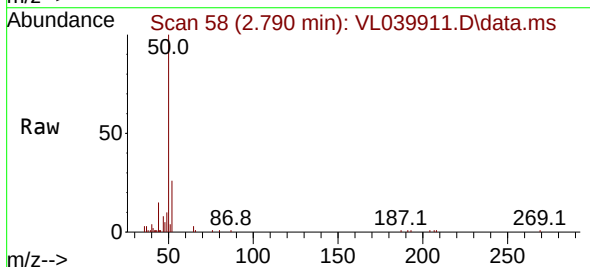
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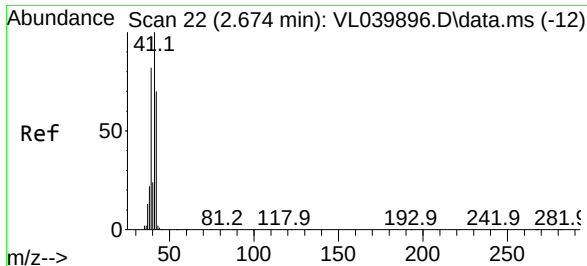
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#4
Chloromethane
Concen: 0.413 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.010 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46

Tgt Ion: 50 Resp: 37835
Ion Ratio Lower Upper
50 100
52 25.9 27.8 41.8#





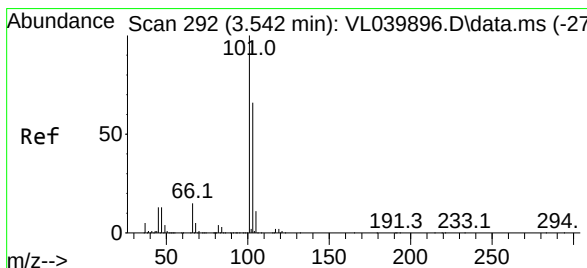
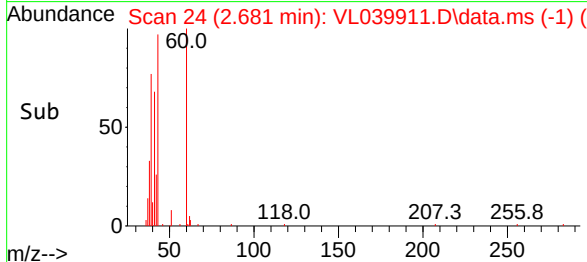
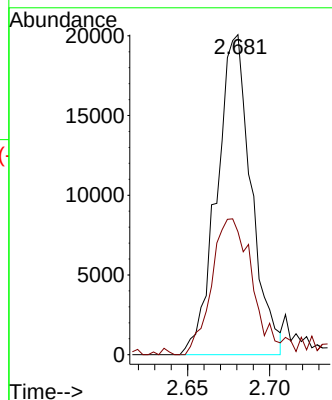
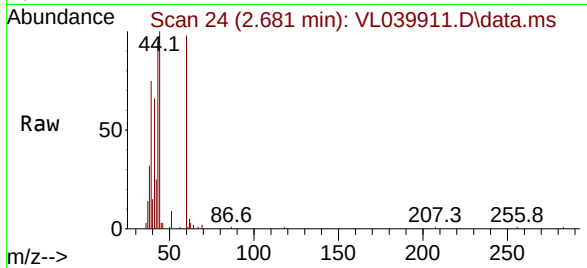
#9
 Propene
 Concen: 0.433 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. 0.019 min
 Lab File: VL039911.D
 Acq: 21 Nov 2022 15:46

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Tgt Ion: 41 Resp: 29215
 Ion Ratio Lower Upper
 41 100
 42 55.8 55.8 83.6

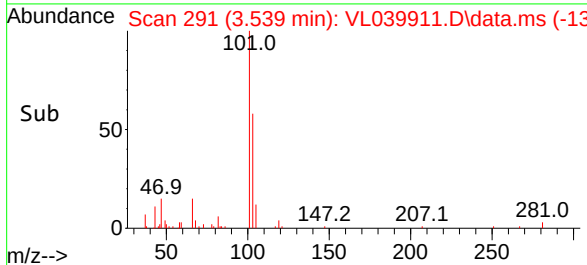
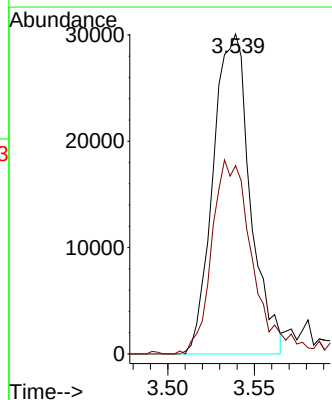
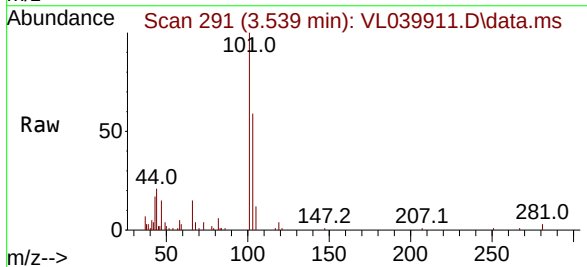
Manual Integrations
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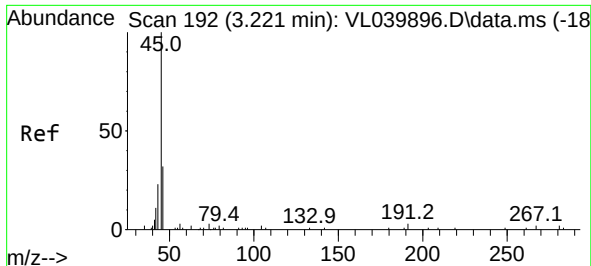
Reviewed By :Semsettin Yesilyurt 11/22/2022
 Supervised By :Mahesh Dadoda 11/24/2022



#11
 Trichlorofluoromethane
 Concen: 0.247 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. 0.010 min
 Lab File: VL039911.D
 Acq: 21 Nov 2022 15:46

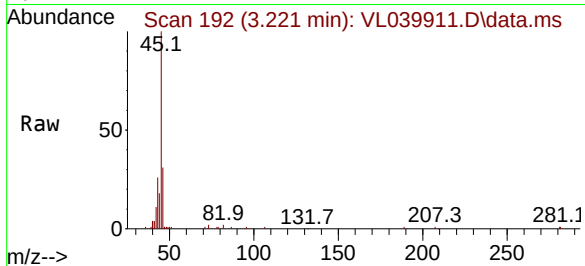
Tgt Ion:101 Resp: 44863
 Ion Ratio Lower Upper
 101 100
 103 57.9 52.6 78.8





#13
Ethanol
Concen: 15.553 ppbv m
RT: 3.221 min Scan# 192
Delta R.T. 0.013 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46

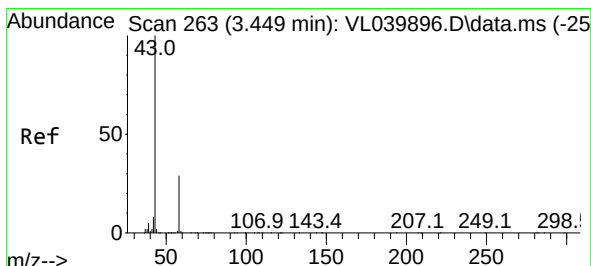
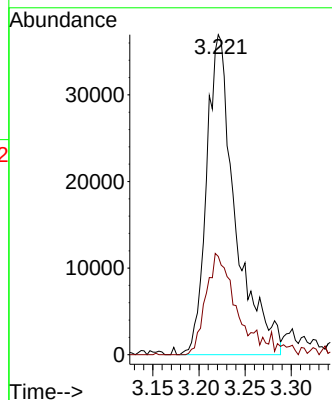
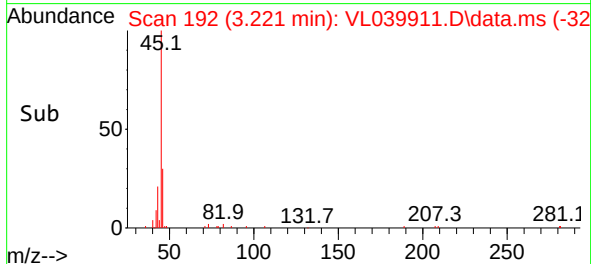
Instrument :
MSVOA_L
ClientSampleId :
OA1



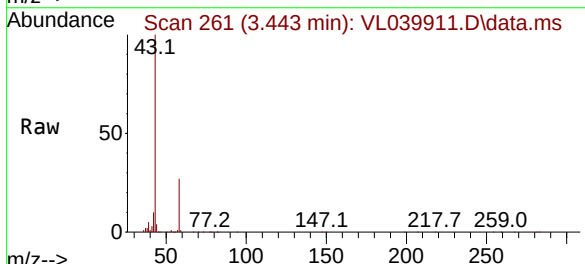
Tgt Ion: 45 Resp: 8018
Ion Ratio Lower Upper
45 100
46 33.7 14.6 58.2

Manual Integrations
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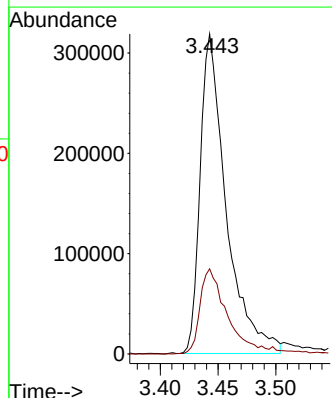
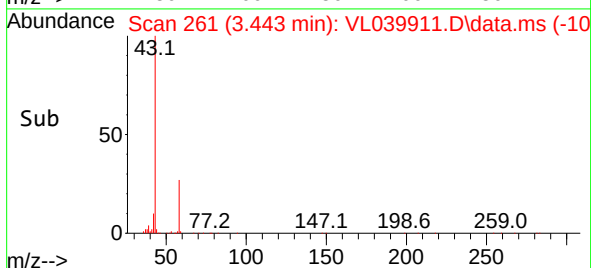
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022

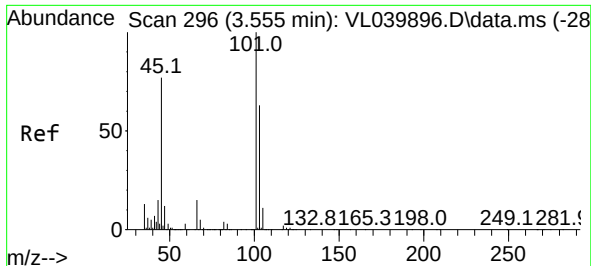


#15
Acetone
Concen: 3.631 ppbv
RT: 3.443 min Scan# 261
Delta R.T. 0.010 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46



Tgt Ion: 43 Resp: 500341
Ion Ratio Lower Upper
43 100
58 29.1 22.9 34.3





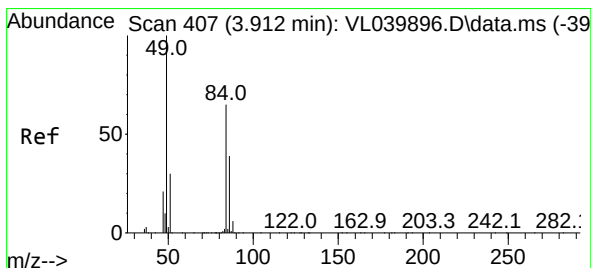
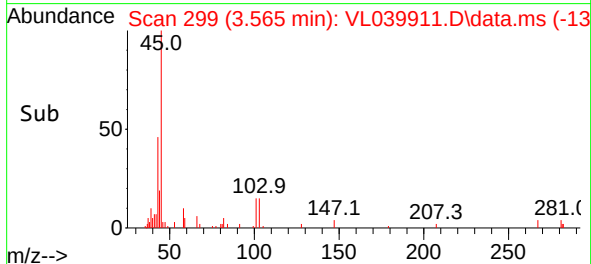
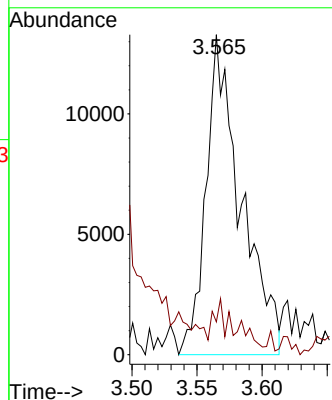
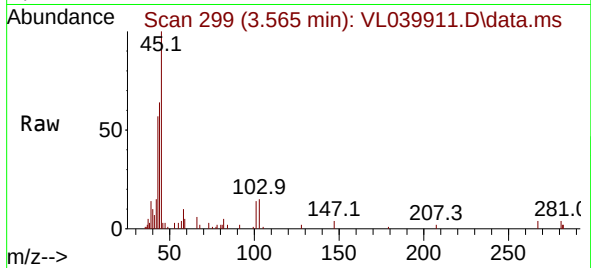
#19
Isopropyl Alcohol
Concen: 0.331 ppbv m
RT: 3.565 min Scan# 296
Delta R.T. 0.023 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 45 Resp: 24725
Ion Ratio Lower Upper
45 100
58 0.0 38.7 58.1

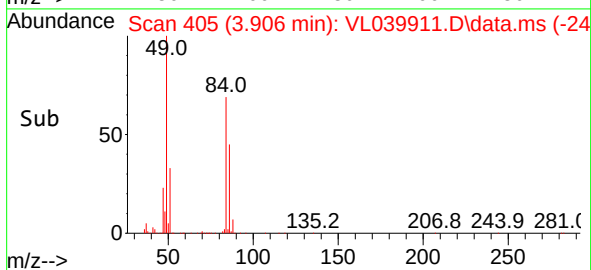
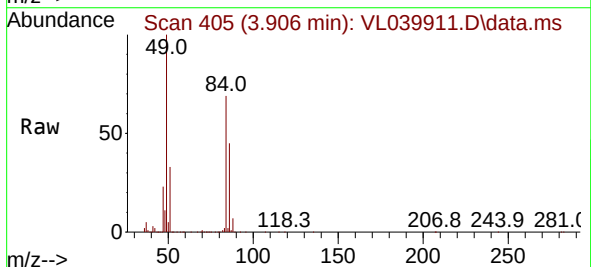
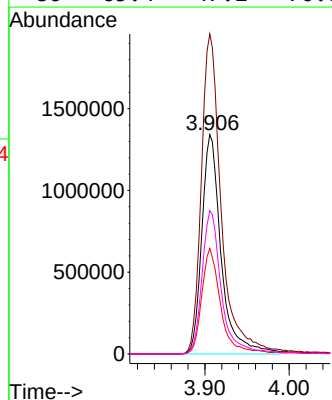
Manual Integrations
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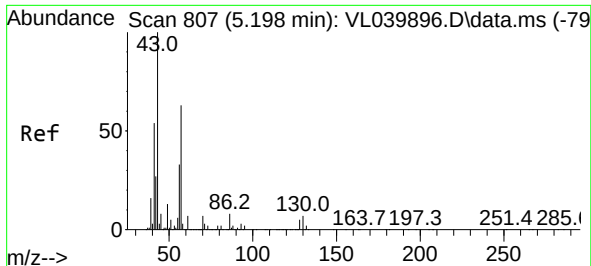
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#20
Methylene Chloride
Concen: 32.254 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.006 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46

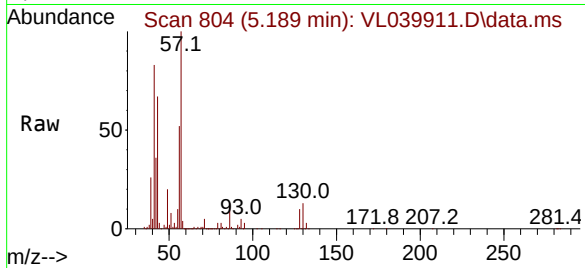
Tgt Ion: 84 Resp: 2153168
Ion Ratio Lower Upper
84 100
49 145.9 122.2 183.4
51 48.1 36.3 54.5
86 65.4 47.2 70.8





#26
Hexane
Concen: 8.555 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.006 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46

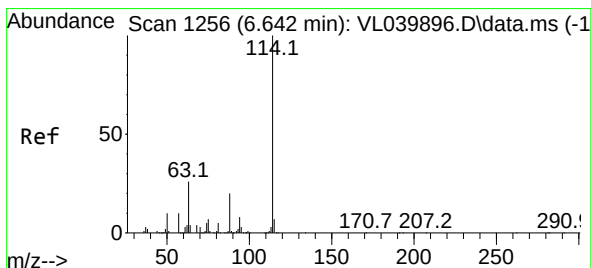
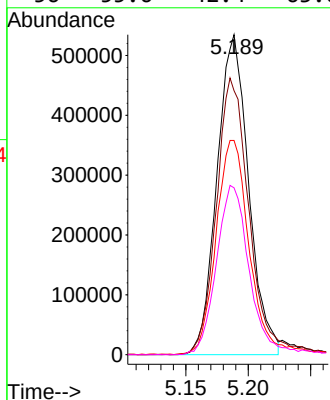
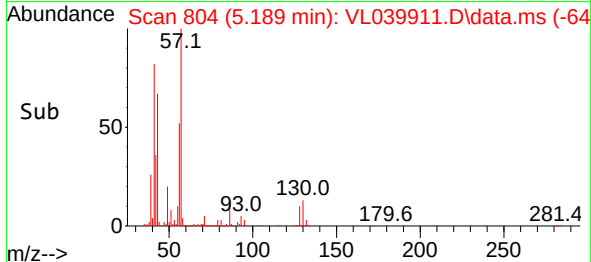
Instrument :
MSVOA_L
ClientSampleId :
OA1



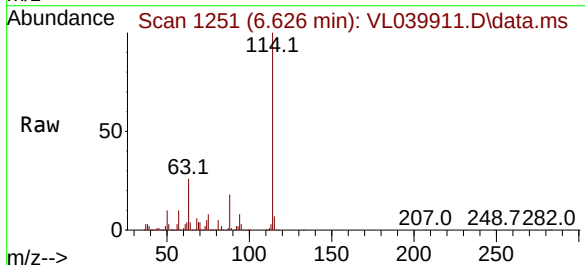
Tgt Ion: 57 Resp: 945480
Ion Ratio Lower Upper
57 100
41 91.1 72.3 108.5
43 71.0 188.7 283.1
56 55.6 42.4 63.6

Manual Integrations
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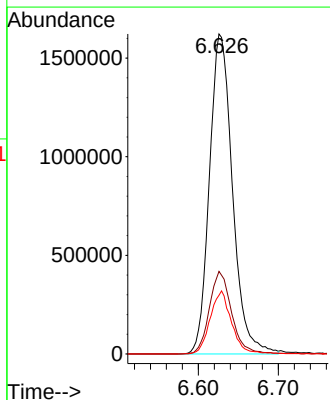
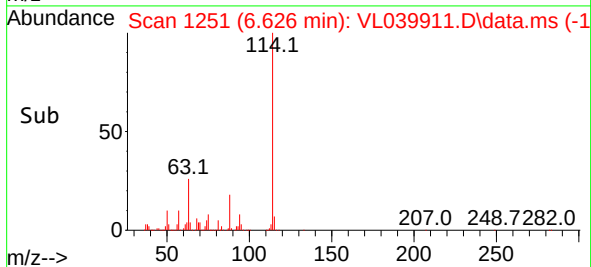
Reviewed By :Semsettin Yesilyurt 11/22/2022
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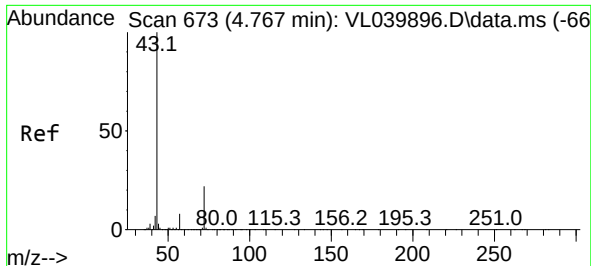


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46



Tgt Ion:114 Resp: 3250689
Ion Ratio Lower Upper
114 100
63 25.1 21.4 32.0
88 18.4 15.3 22.9





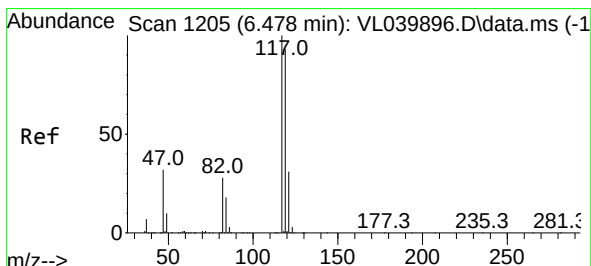
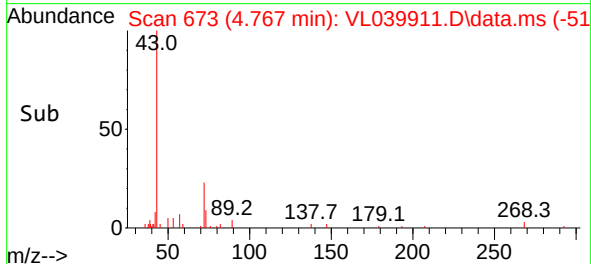
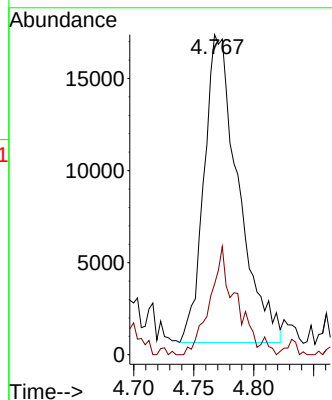
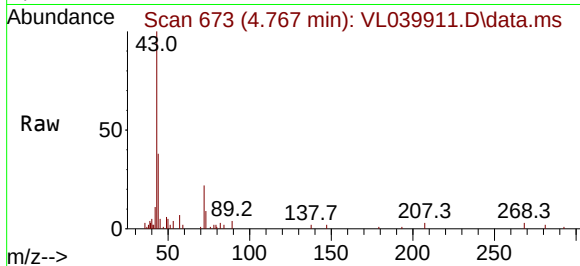
#34
2-Butanone
Concen: 0.214 ppbv
RT: 4.767 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 43 Resp: 3325
Ion Ratio Lower Upper
43 100
72 29.0 17.4 26.2

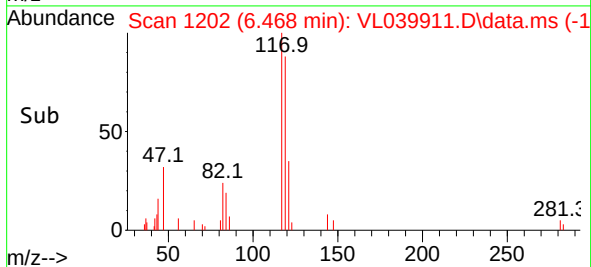
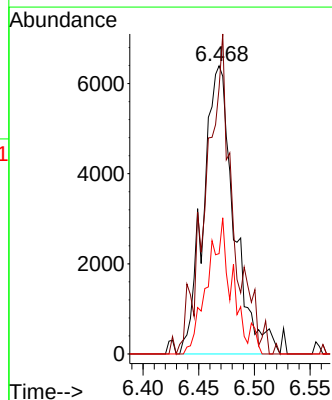
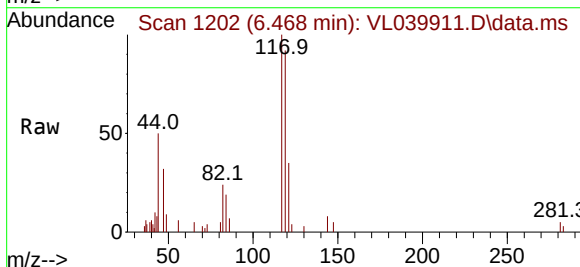
Manual Integrations
APPROVED

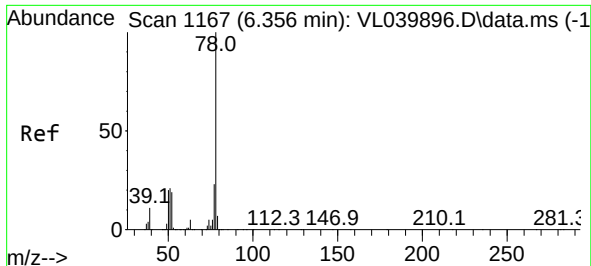
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#35
Carbon Tetrachloride
Concen: 0.067 ppbv m
RT: 6.468 min Scan# 1202
Delta R.T. 0.006 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46

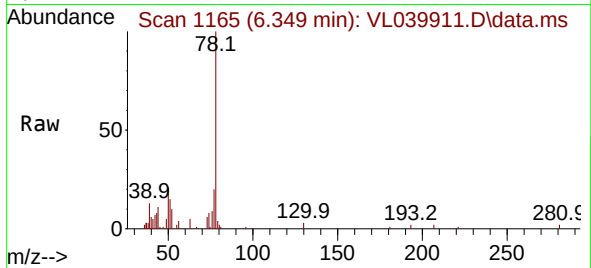
Tgt Ion:117 Resp: 12294
Ion Ratio Lower Upper
117 100
119 92.3 74.7 112.1
121 34.8 24.5 36.7





#36
Benzene
Concen: 0.120 ppbv m
RT: 6.349 min Scan# 1165
Delta R.T. 0.013 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46

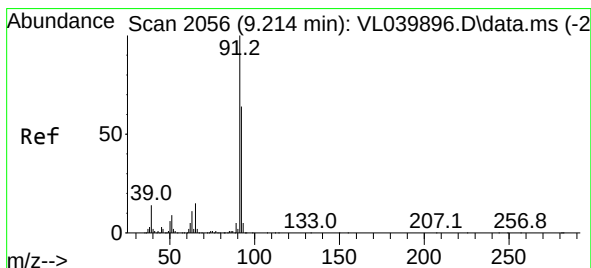
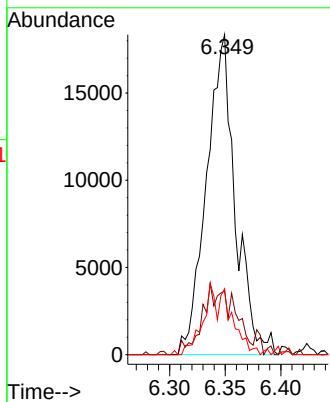
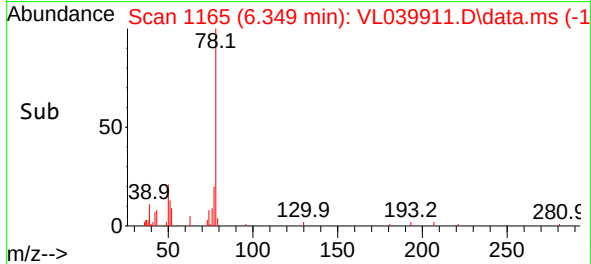
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 78 Resp: 3316
Ion Ratio Lower Upper
78 100
77 19.8 18.2 27.2
50 20.6 15.8 23.8

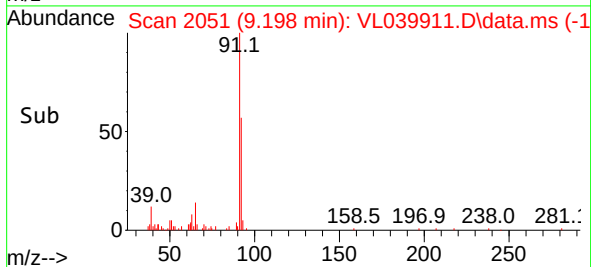
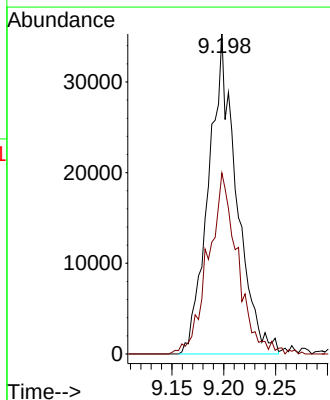
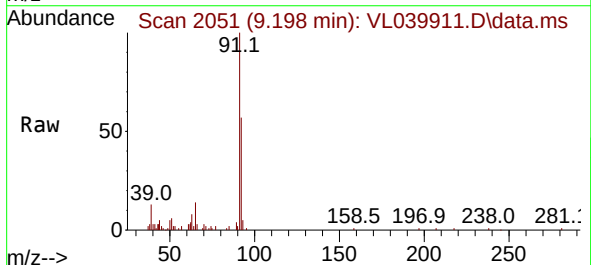
Manual Integrations
APPROVED

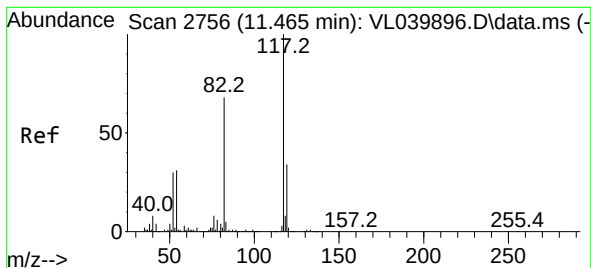
Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#53
Toluene
Concen: 0.211 ppbv m
RT: 9.198 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46

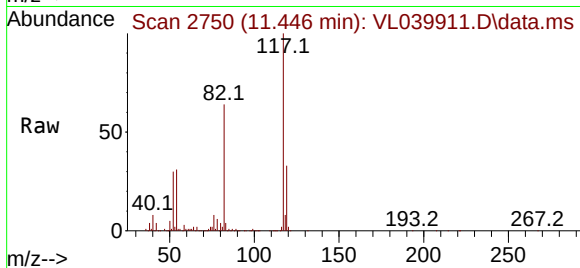
Tgt Ion: 91 Resp: 66376
Ion Ratio Lower Upper
91 100
92 59.6 49.8 74.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 211
Delta R.T. 0.006 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46

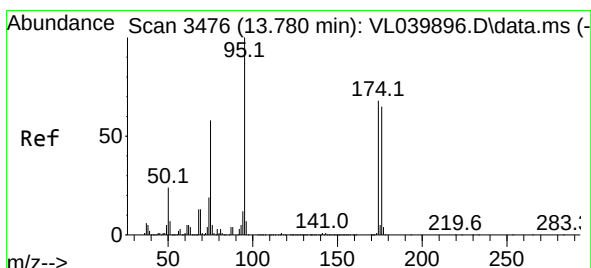
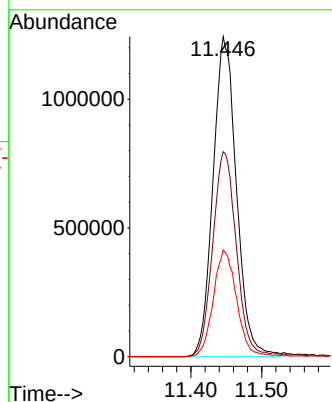
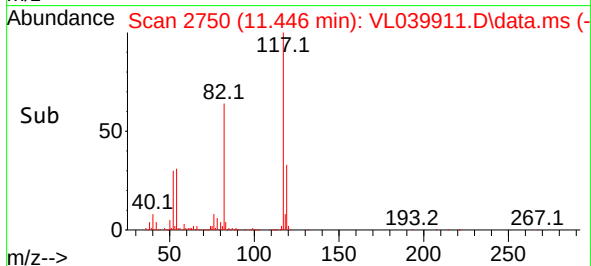
Instrument :
MSVOA_L
ClientSampleId :
OA1



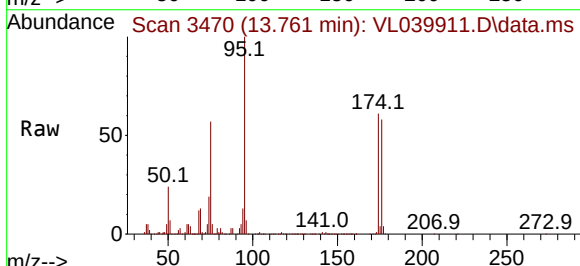
Tgt Ion: 117 Resp: 2851119
Ion Ratio Lower Upper
117 100
82 66.0 52.3 78.5
119 33.4 25.7 38.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022
Supervised By :Mahesh Dadoda 11/24/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.293 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. 0.006 min
Lab File: VL039911.D
Acq: 21 Nov 2022 15:46



Tgt Ion: 95 Resp: 2241433
Ion Ratio Lower Upper
95 100
174 62.8 53.7 80.5
175 4.5 4.0 6.0

