

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041116.D
 Acq On : 15 Mar 2024 8:37
 Operator : SY/MD
 Sample : P1748-01 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-04

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

Quant Time: Mar 16 02:12:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Fri Mar 15 02:44:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1232608	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3111872	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2831900	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	2252652	10.174	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.732	85	44572	0.190	ppbv	96
3) Chlorodifluoromethane	2.677	51	23801m	0.131	ppbv	
4) Chloromethane	2.816	50	19907	0.291	ppbv	91
9) Propene	2.706	41	33910	0.562	ppbv	88
11) Trichlorofluoromethane	3.568	101	20741	0.115	ppbv	89
13) Ethanol	3.246	45	123974	7.717	ppbv	93
15) Acetone	3.478	43	201732	1.437	ppbv	99
20) Methylene Chloride	3.941	84	143907	2.629	ppbv	95
26) Hexane	5.224	57	76728	0.679	ppbv #	40
34) 2-Butanone	4.809	43	79051m	0.513	ppbv	
44) 2,2,4-Trimethylpentane	7.340	57	89238	0.231	ppbv #	81
53) Toluene	9.233	91	5301287	21.232	ppbv	97
58) Ethyl Benzene	12.105	91	57978m	0.175	ppbv	

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

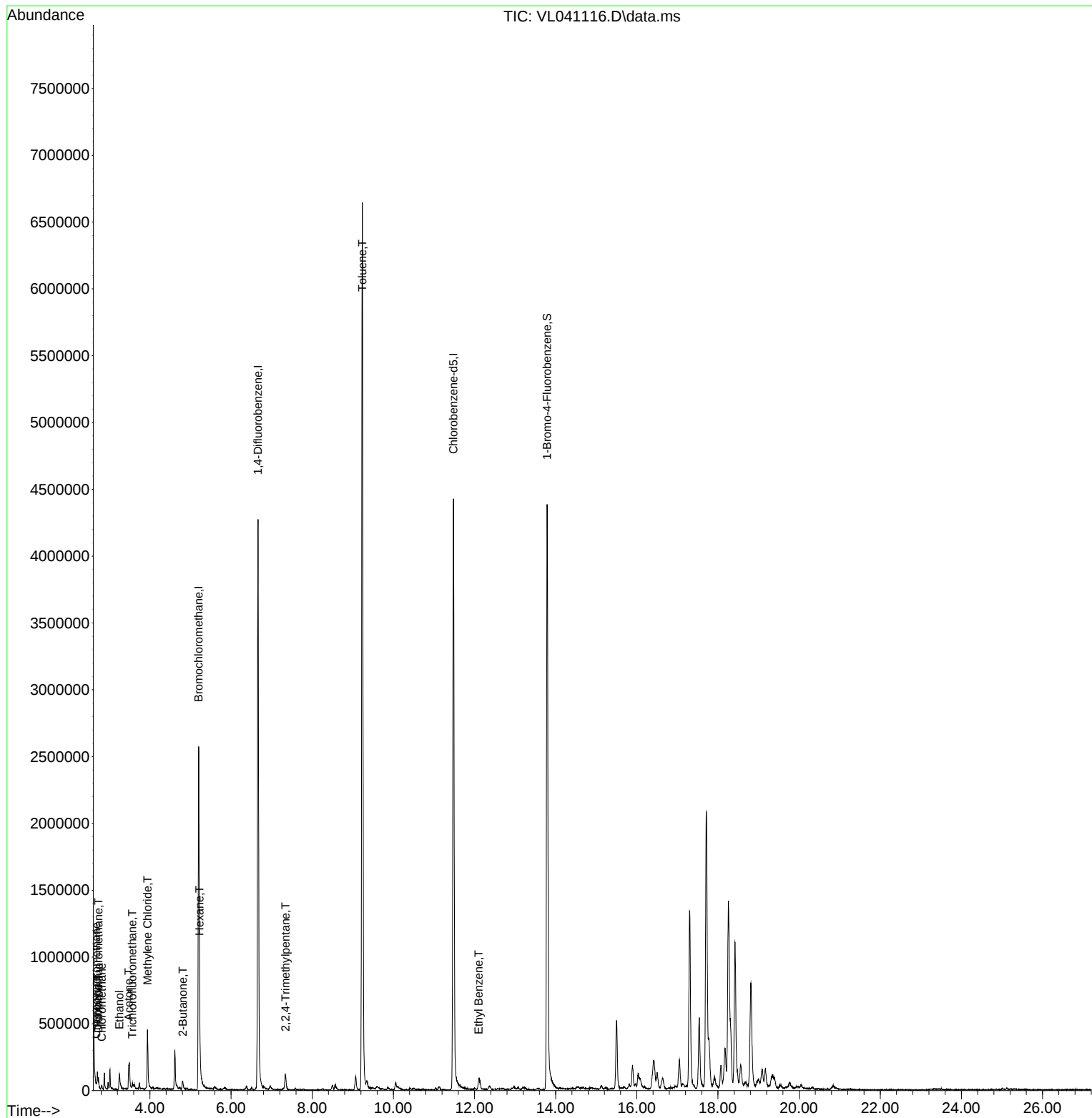
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
Data File : VL041116.D
Acq On : 15 Mar 2024 8:37
Operator : SY/MD
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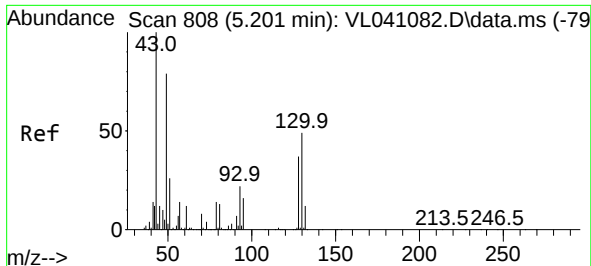
Instrument :
MSVOA_L
ClientSampleId :
SVP-04

Quant Time: Mar 16 02:12:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Mar 15 02:44:43 2024
Response via : Initial Calibration

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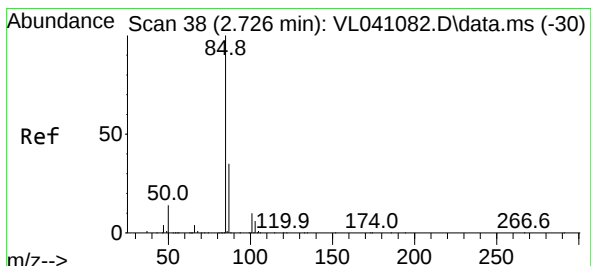
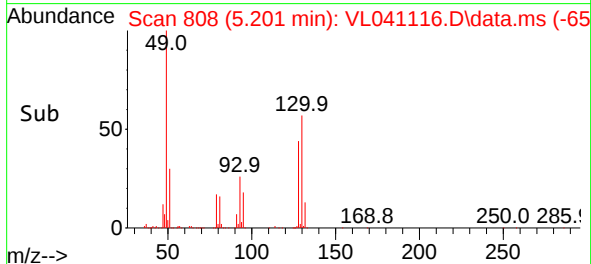
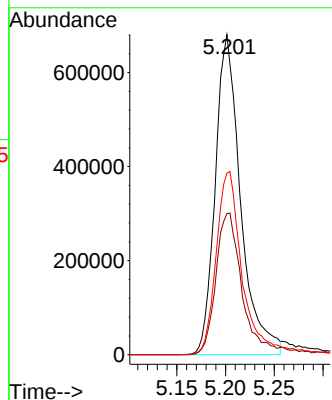
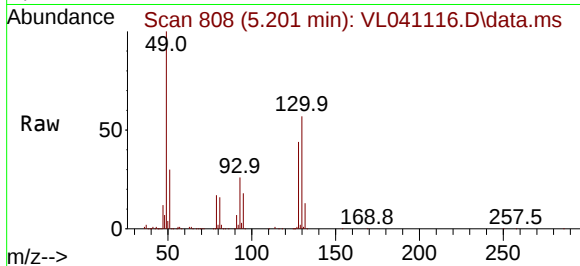
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041116.D
Acq: 15 Mar 2024 8:37

Instrument :
MSVOA_L
ClientSampleId :
SVP-04

Tgt Ion: 49 Resp: 1232608
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.5
130 60.5 30.3 90.9

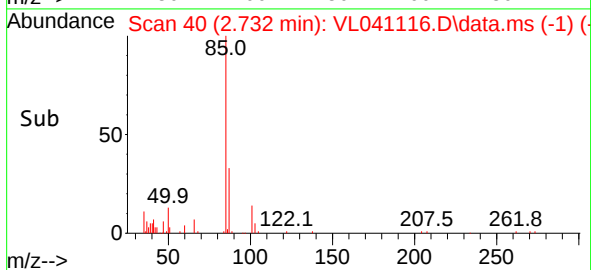
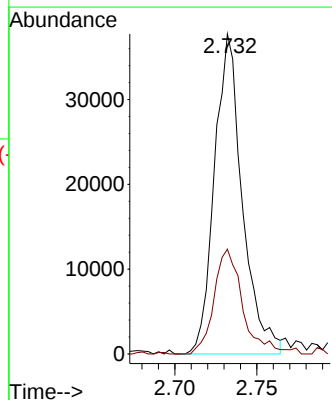
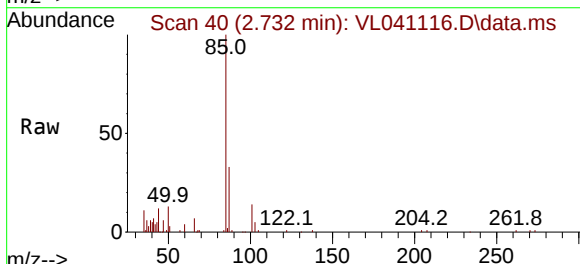
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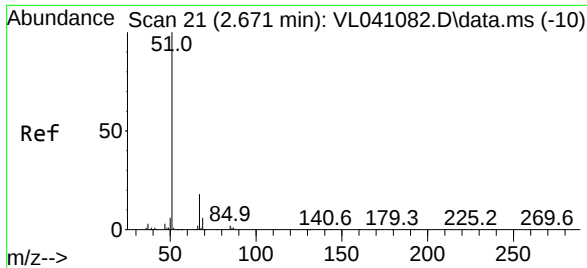
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#2
Dichlorodifluoromethane
Concen: 0.190 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.006 min
Lab File: VL041116.D
Acq: 15 Mar 2024 8:37

Tgt Ion: 85 Resp: 44572
Ion Ratio Lower Upper
85 100
87 32.7 28.1 42.1





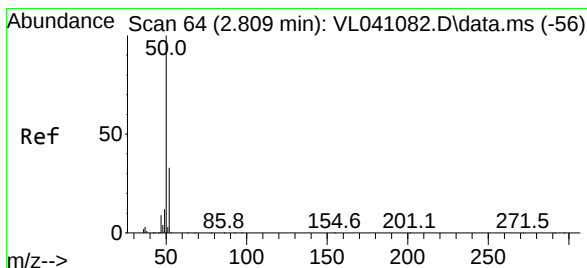
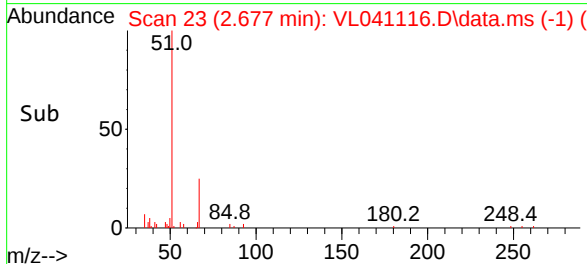
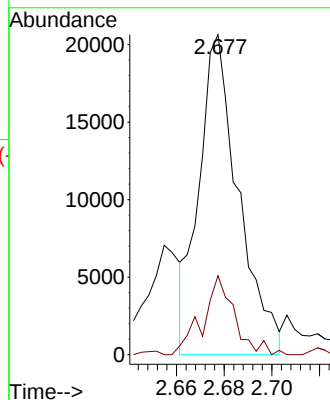
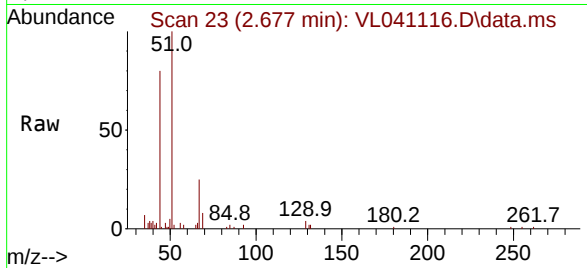
#3
Chlorodifluoromethane
Concen: 0.131 ppbv m
RT: 2.677 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041116.D
Acq: 15 Mar 2024 8:37

Instrument :
MSVOA_L
ClientSampleId :
SVP-04

Tgt Ion: 51 Resp: 2380
Ion Ratio Lower Upper
51 100
67 20.2 14.5 21.7

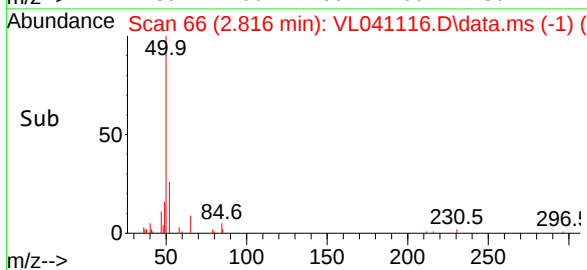
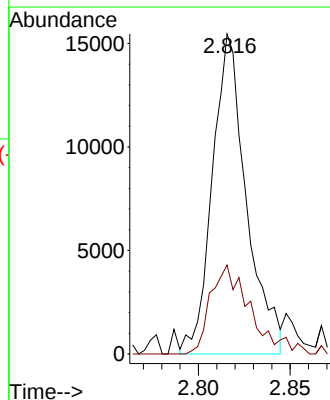
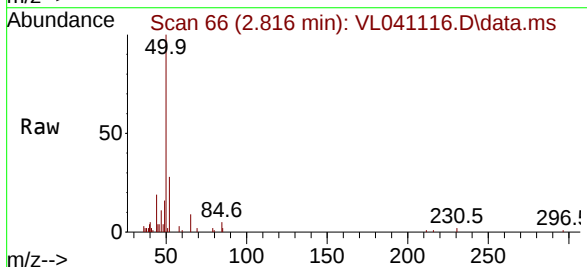
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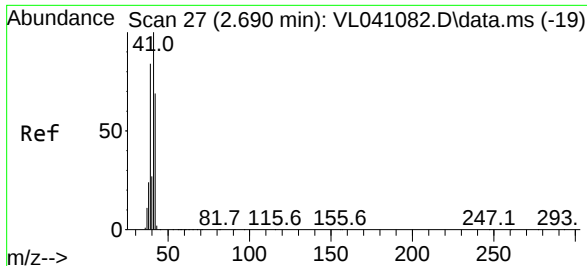
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#4
Chloromethane
Concen: 0.291 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.006 min
Lab File: VL041116.D
Acq: 15 Mar 2024 8:37

Tgt Ion: 50 Resp: 19907
Ion Ratio Lower Upper
50 100
52 28.2 26.6 40.0





#9

Propene

Concen: 0.562 ppbv

RT: 2.706 min Scan# 30

Delta R.T. 0.016 min

Lab File: VL041116.D

Acq: 15 Mar 2024 8:37

Instrument :

MSVOA_L

ClientSampleId :

SVP-04

Tgt Ion: 41 Resp: 33910

Ion Ratio Lower Upper

41 100

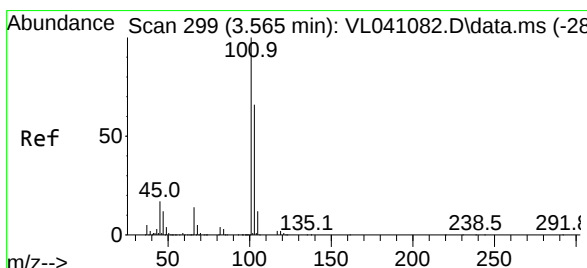
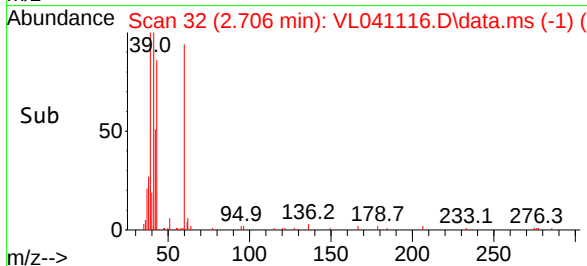
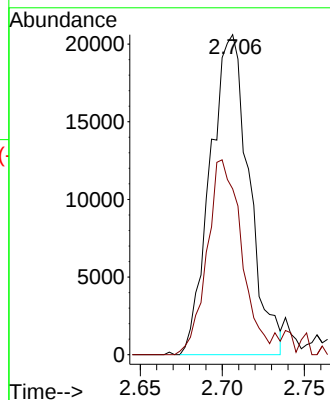
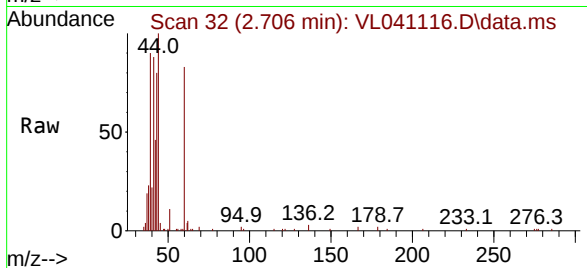
42 59.9 55.9 83.9

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#11

Trichlorofluoromethane

Concen: 0.115 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.003 min

Lab File: VL041116.D

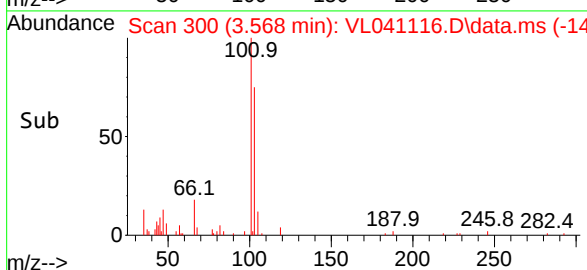
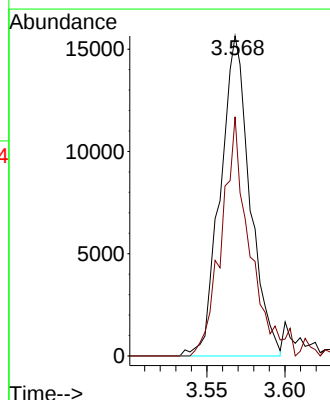
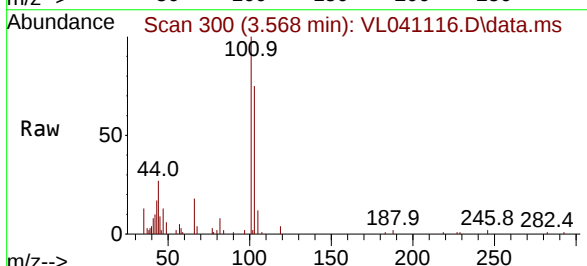
Acq: 15 Mar 2024 8:37

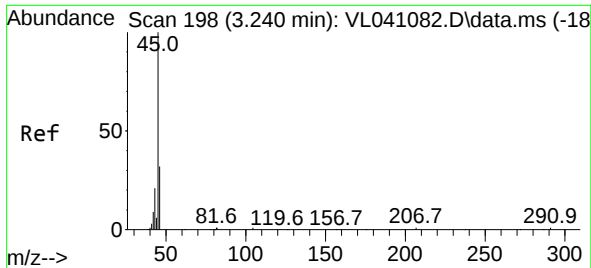
Tgt Ion:101 Resp: 20741

Ion Ratio Lower Upper

101 100

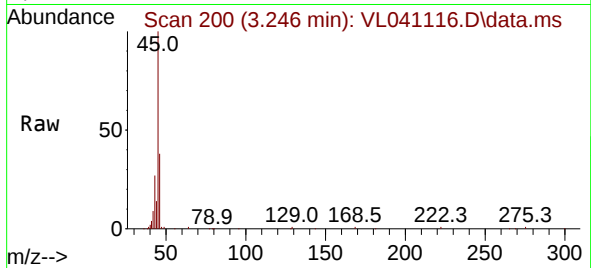
103 74.8 53.0 79.4





#13
Ethanol
Concen: 7.717 ppbv
RT: 3.246 min Scan# 200
Delta R.T. 0.006 min
Lab File: VL041116.D
Acq: 15 Mar 2024 8:37

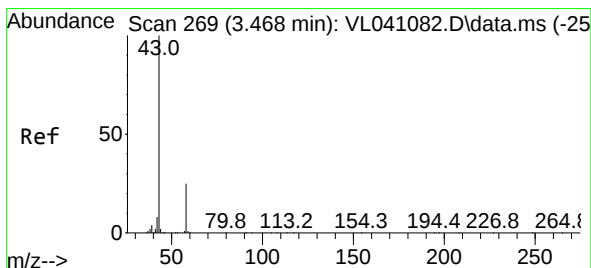
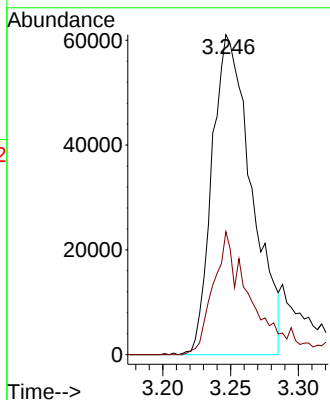
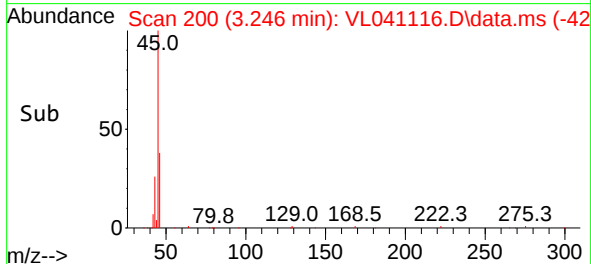
Instrument :
MSVOA_L
Client Sample Id :
SVP-04



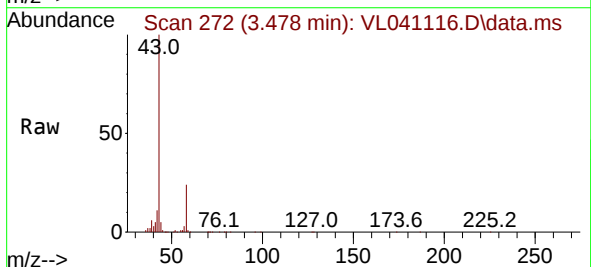
Tgt Ion: 45 Resp: 123974
Ion Ratio Lower Upper
45 100
46 40.8 14.6 58.2

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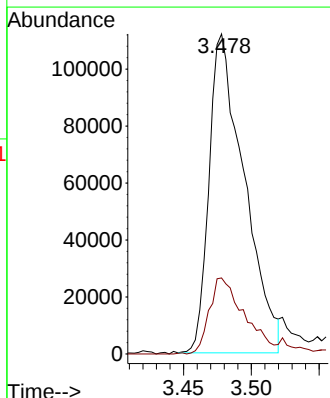
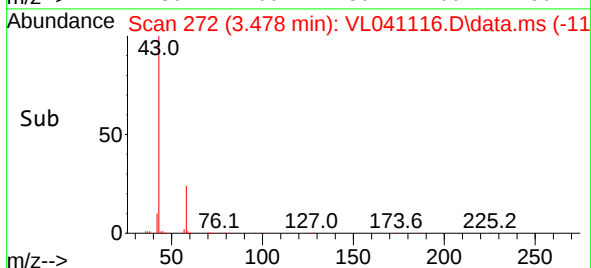
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

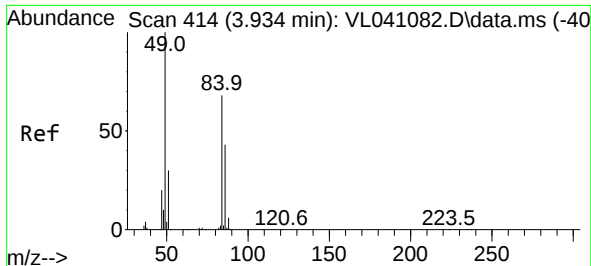


#15
Acetone
Concen: 1.437 ppbv
RT: 3.478 min Scan# 272
Delta R.T. 0.010 min
Lab File: VL041116.D
Acq: 15 Mar 2024 8:37



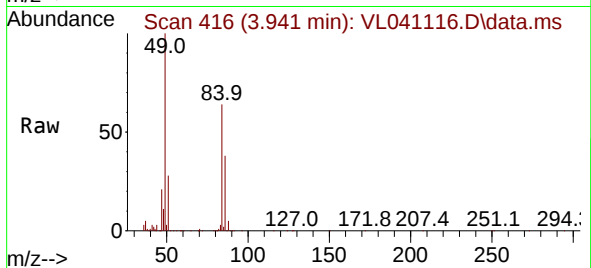
Tgt Ion: 43 Resp: 201732
Ion Ratio Lower Upper
43 100
58 26.7 21.7 32.5





#20
Methylene Chloride
Concen: 2.629 ppbv
RT: 3.941 min Scan# 414
Delta R.T. 0.006 min
Lab File: VL041116.D
Acq: 15 Mar 2024 8:37

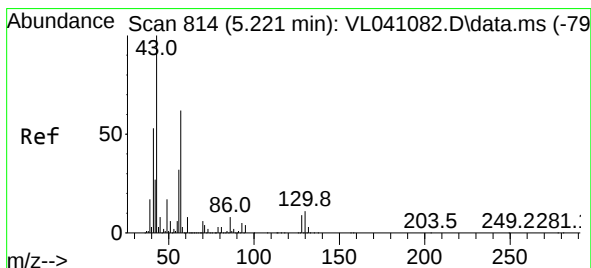
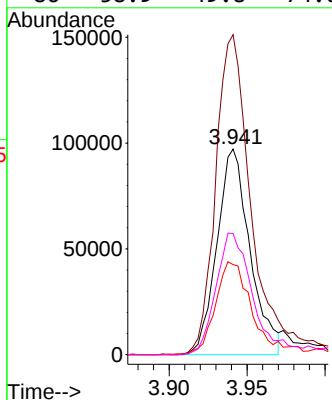
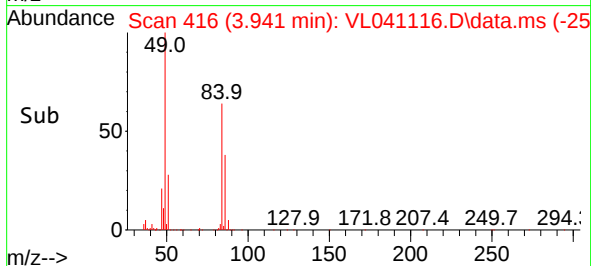
Instrument :
MSVOA_L
ClientSampleId :
SVP-04



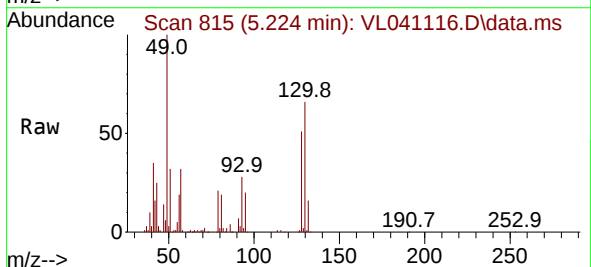
Tgt Ion: 84 Resp: 143907
Ion Ratio Lower Upper
84 100
49 155.6 117.0 175.6
51 43.3 34.9 52.3
86 58.9 49.8 74.6

Manual Integrations
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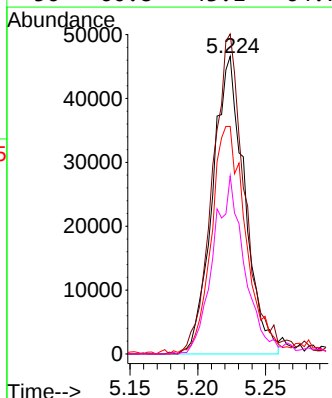
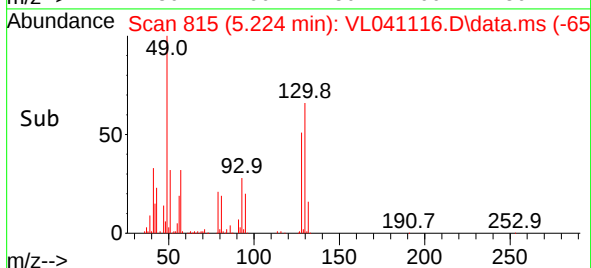
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

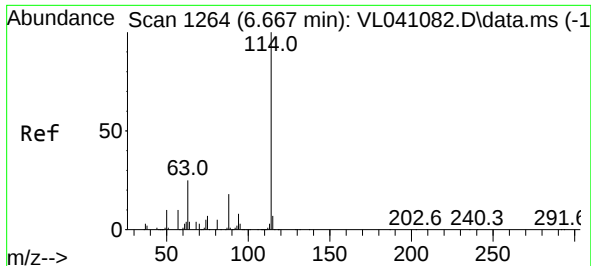


#26
Hexane
Concen: 0.679 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL041116.D
Acq: 15 Mar 2024 8:37



Tgt Ion: 57 Resp: 76728
Ion Ratio Lower Upper
57 100
41 111.4 73.8 110.6#
43 86.1 184.2 276.2#
56 60.8 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL041116.D

Acq: 15 Mar 2024 8:37

Instrument :

MSVOA_L

ClientSampleId :

SVP-04

Tgt Ion:114 Resp: 311187

Ion Ratio Lower Upper

114 100

63 26.2 21.0 31.6

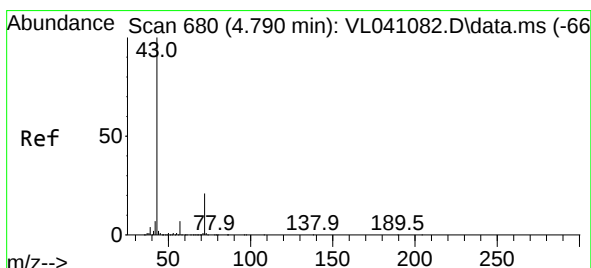
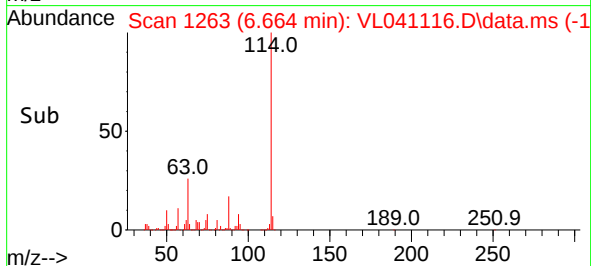
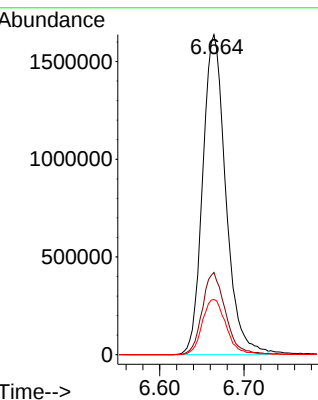
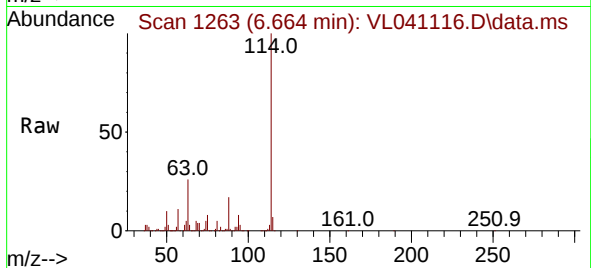
88 18.0 14.6 22.0

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#34

2-Butanone

Concen: 0.513 ppbv m

RT: 4.809 min Scan# 686

Delta R.T. 0.019 min

Lab File: VL041116.D

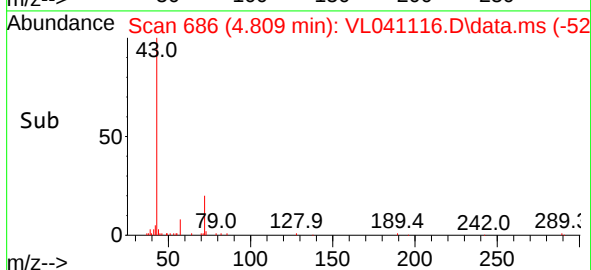
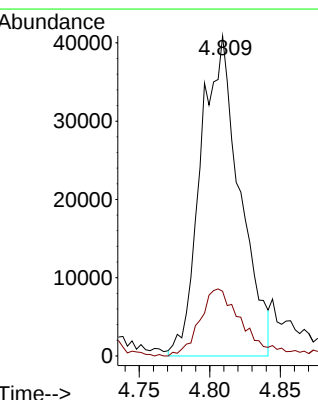
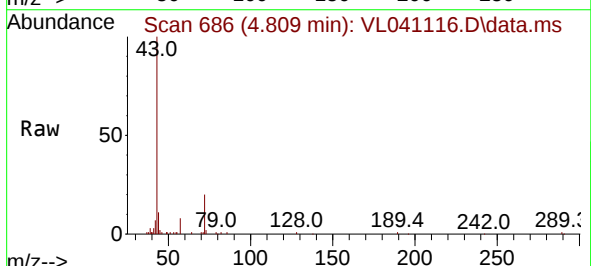
Acq: 15 Mar 2024 8:37

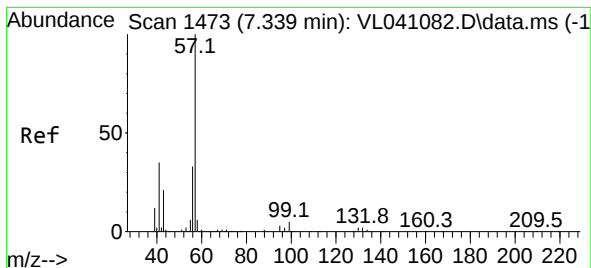
Tgt Ion: 43 Resp: 79051

Ion Ratio Lower Upper

43 100

72 0.0 17.4 26.0#





#44

2,2,4-Trimethylpentane

Concen: 0.231 ppbv

RT: 7.340 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VL041116.D

Acq: 15 Mar 2024 8:37

Instrument :

MSVOA_L

ClientSampleId :

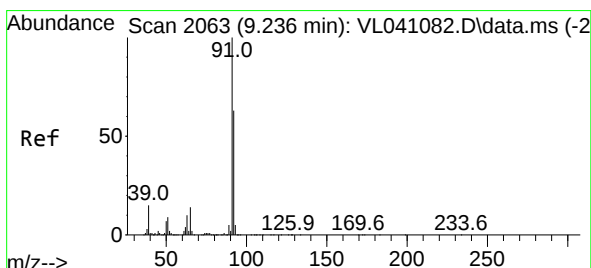
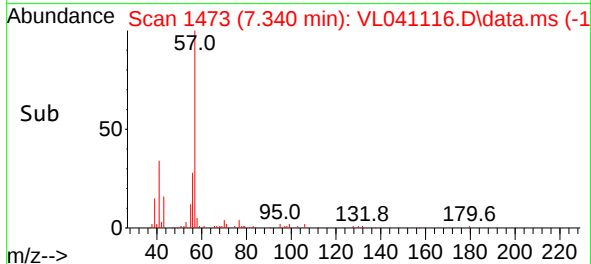
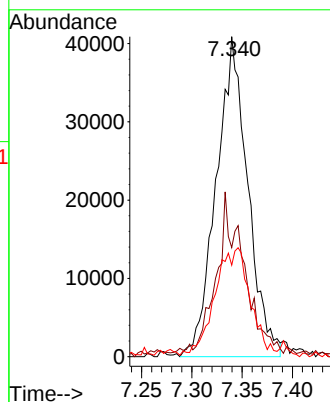
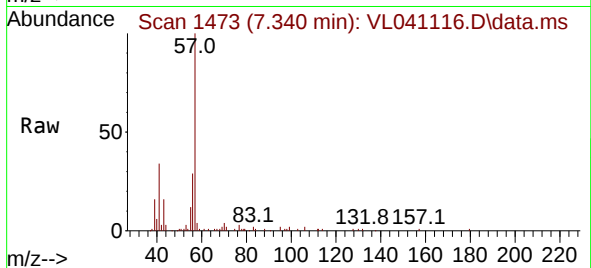
SVP-04

Tgt Ion: 57 Resp: 89238
 Ion Ratio Lower Upper
 57 100
 41 49.0 28.0 42.0
 56 40.1 25.7 38.5

Manual Integrations

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#53

Toluene

Concen: 21.232 ppbv

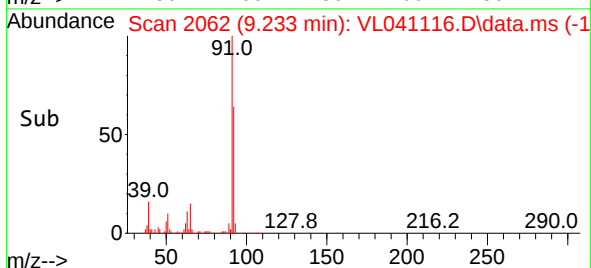
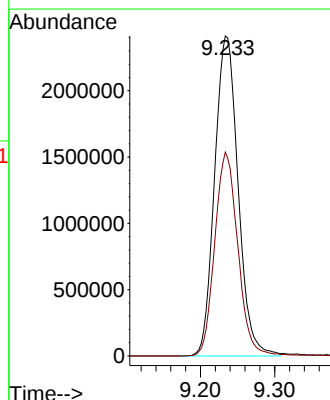
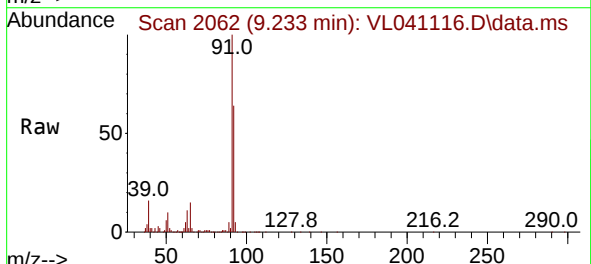
RT: 9.233 min Scan# 2062

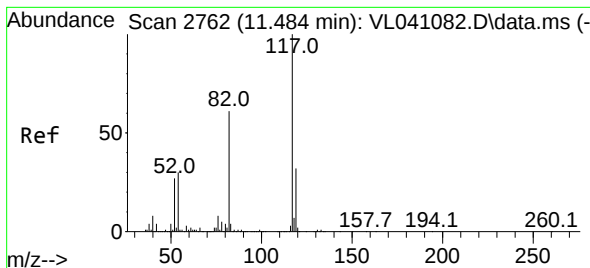
Delta R.T. -0.003 min

Lab File: VL041116.D

Acq: 15 Mar 2024 8:37

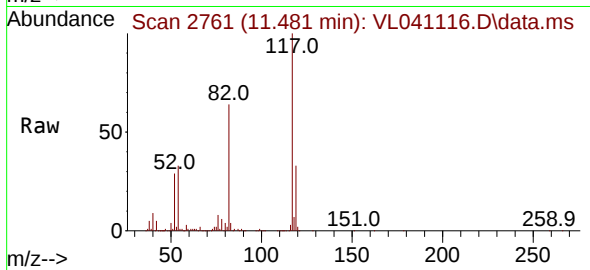
Tgt Ion: 91 Resp: 5301287
 Ion Ratio Lower Upper
 91 100
 92 63.1 48.9 73.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041116.D
Acq: 15 Mar 2024 8:37

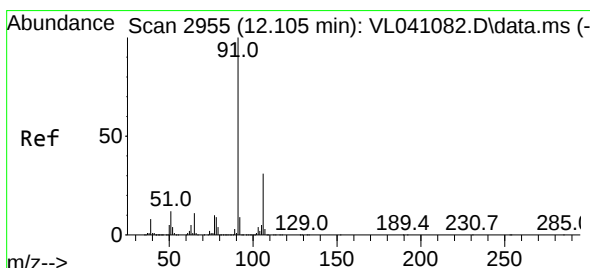
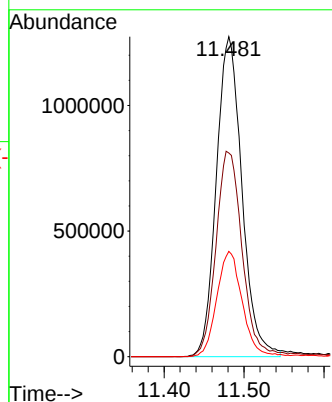
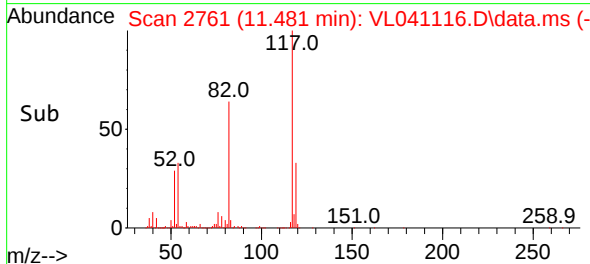
Instrument :
MSVOA_L
ClientSampleId :
SVP-04



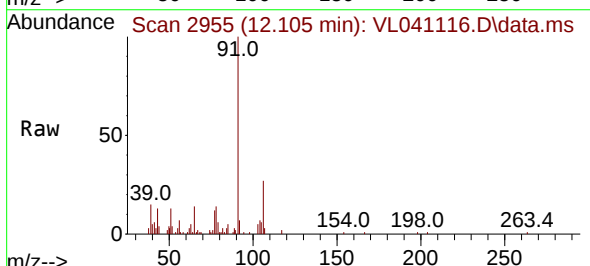
Tgt Ion: 117 Resp: 2831900
Ion Ratio Lower Upper
117 100
82 67.2 51.4 77.2
119 33.4 23.7 35.5

Manual Integrations
APPROVED

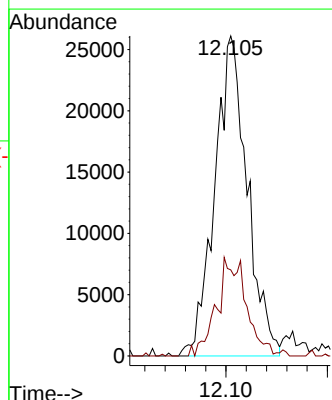
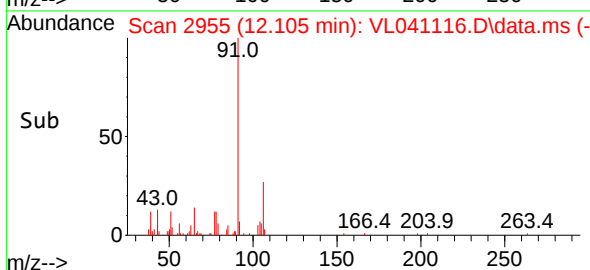
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

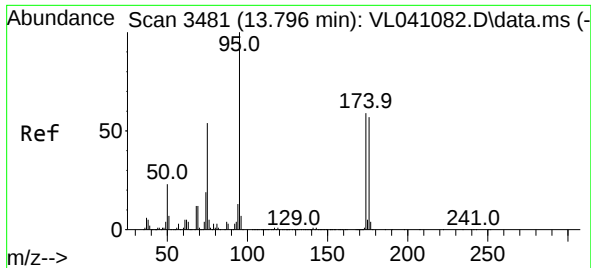


#58
Ethyl Benzene
Concen: 0.175 ppbv m
RT: 12.105 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VL041116.D
Acq: 15 Mar 2024 8:37



Tgt Ion: 91 Resp: 57978
Ion Ratio Lower Upper
91 100
106 26.9 24.6 36.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.174 ppbv
 RT: 13.789 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: VL041116.D
 Acq: 15 Mar 2024 8:37

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-04

Tgt Ion: 95 Resp: 225265
 Ion Ratio Lower Upper
 95 100
 174 60.5 47.8 71.8
 175 4.5 3.5 5.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

