

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041108.D
 Acq On : 14 Mar 2024 15:46
 Operator : SY/MD
 Sample : P1748-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-04DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 02:48:03 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri 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	5.185	49	1223557	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3126615	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2819915	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2256482	10.235	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.722	85	23578	0.101	ppbv	99
4) Chloromethane	2.806	50	9203	0.135	ppbv	100
9) Propene	2.693	41	16748	0.280	ppbv	99
13) Ethanol	3.243	45	48038	3.012	ppbv	88
15) Acetone	3.478	43	93893	0.674	ppbv	99
20) Methylene Chloride	3.925	84	71362	1.313	ppbv #	92
26) Hexane	5.208	57	29177	0.260	ppbv #	43
34) 2-Butanone	4.793	43	41850m	0.270	ppbv	
44) 2,2,4-Trimethylpentane	7.324	57	39390m	0.101	ppbv	
53) Toluene	9.217	91	2680606	10.686	ppbv	100

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

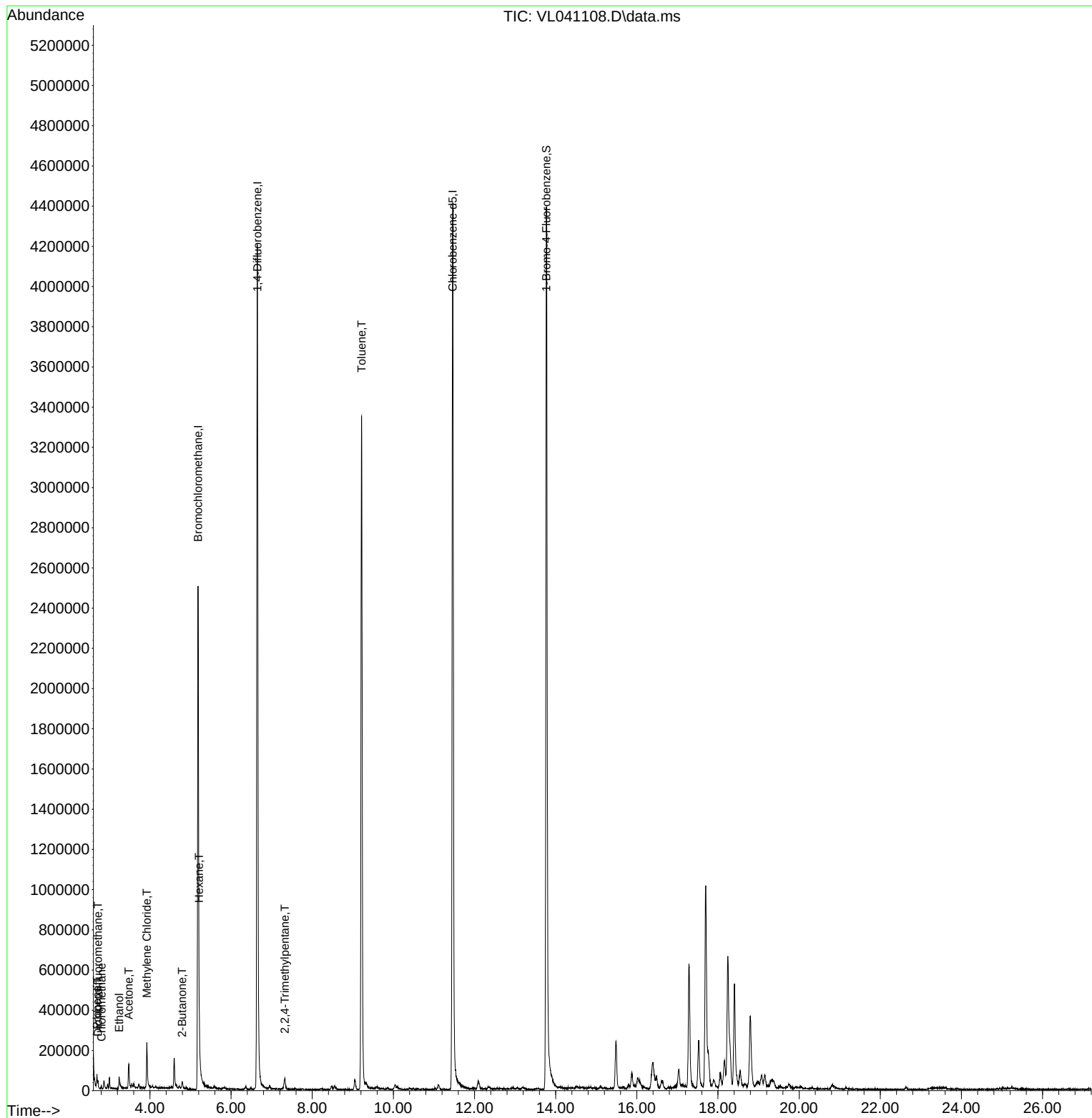
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
Data File : VL041108.D
Acq On : 14 Mar 2024 15:46
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Sample : P1748-01DL 4X
Misc : 400mL/MSVOA_L
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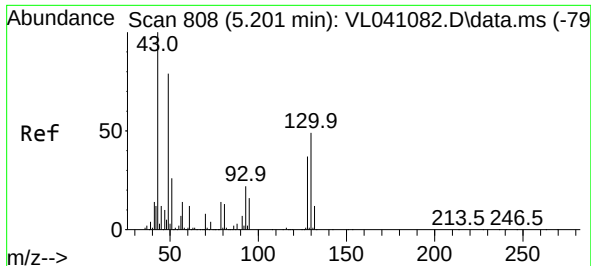
Instrument :
MSVOA_L
ClientSampleId :
SVP-04DL

Quant Time: Mar 15 02:48:03 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

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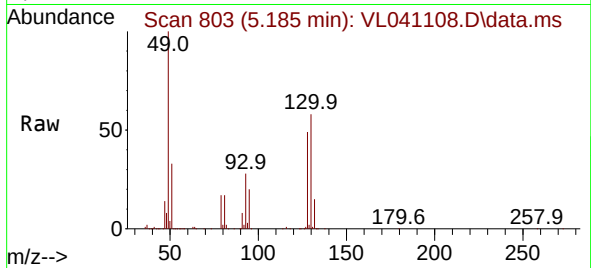
Reviewed By : Semsettin Yesilyurt 03/18/2024
Supervised By : Mahesh Dadoda 03/18/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041108.D
Acq: 14 Mar 2024 15:46

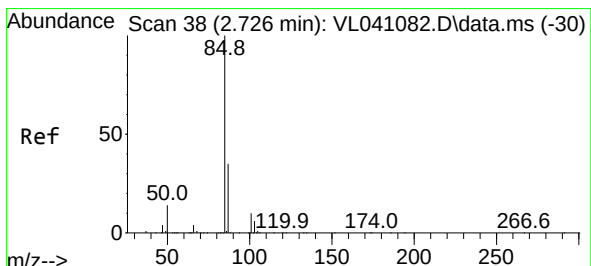
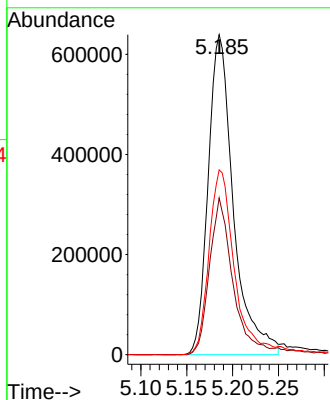
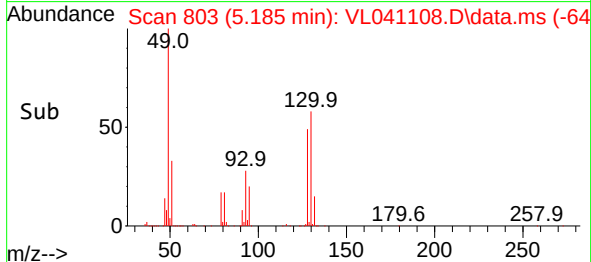
Instrument :
MSVOA_L
ClientSampleId :
SVP-04DL



Tgt Ion: 49 Resp: 122355
Ion Ratio Lower Upper
49 100
128 47.4 23.8 71.5
130 60.5 30.3 90.9

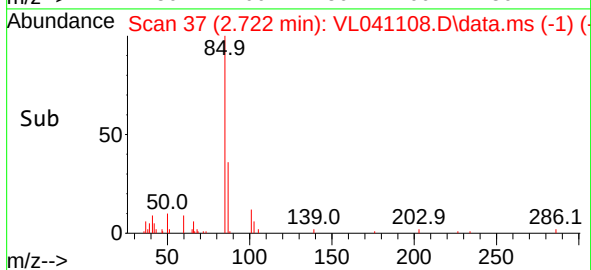
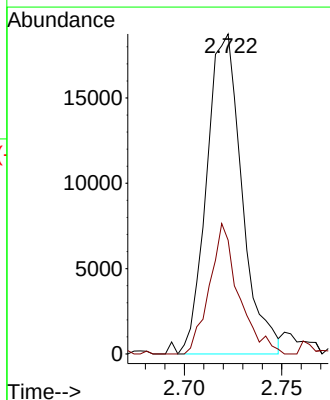
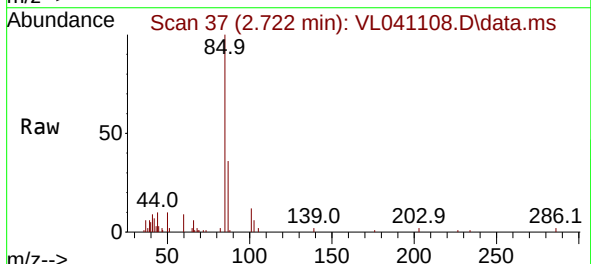
Manual Integrations
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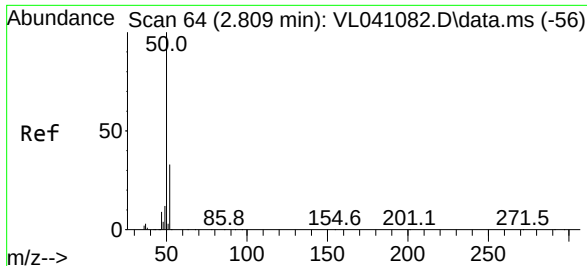
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#2
Dichlorodifluoromethane
Concen: 0.101 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.003 min
Lab File: VL041108.D
Acq: 14 Mar 2024 15:46

Tgt Ion: 85 Resp: 23578
Ion Ratio Lower Upper
85 100
87 35.6 28.1 42.1





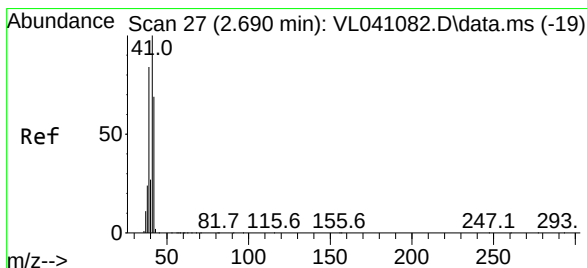
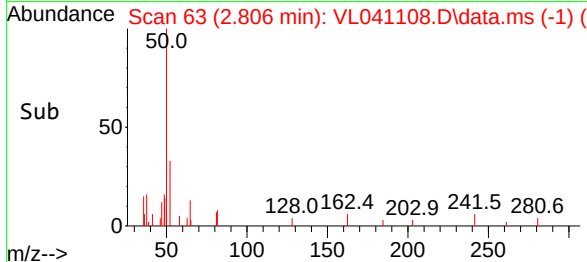
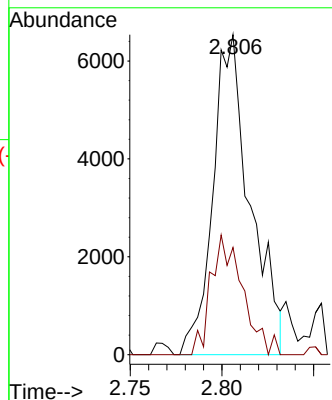
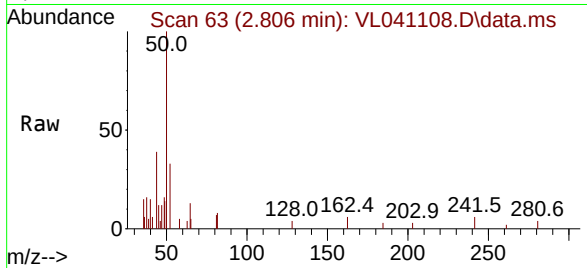
#4
Chloromethane
Concen: 0.135 ppbv
RT: 2.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL041108.D
Acq: 14 Mar 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :
SVP-04DL

Tgt Ion: 50 Resp: 920
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0

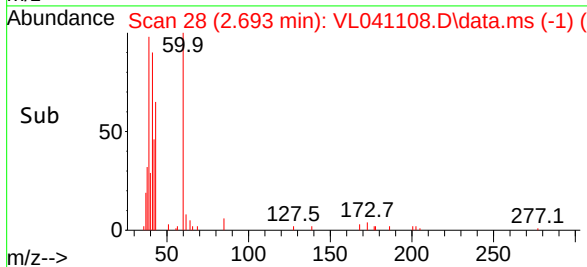
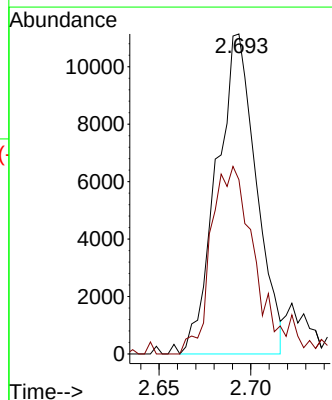
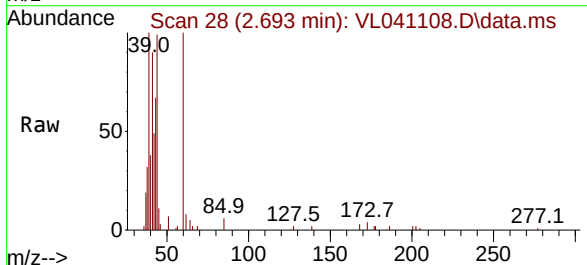
Manual Integrations
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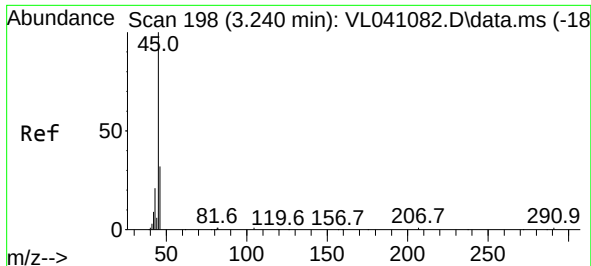
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#9
Propene
Concen: 0.280 ppbv
RT: 2.693 min Scan# 28
Delta R.T. 0.013 min
Lab File: VL041108.D
Acq: 14 Mar 2024 15:46

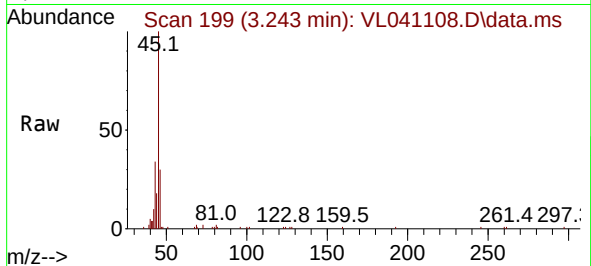
Tgt Ion: 41 Resp: 16748
Ion Ratio Lower Upper
41 100
42 69.1 55.9 83.9





#13
Ethanol
Concen: 3.012 ppbv
RT: 3.243 min Scan# 198
Delta R.T. 0.016 min
Lab File: VL041108.D
Acq: 14 Mar 2024 15:46

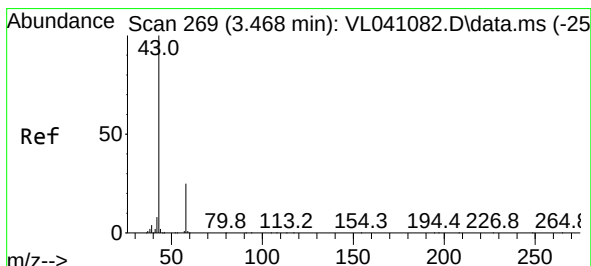
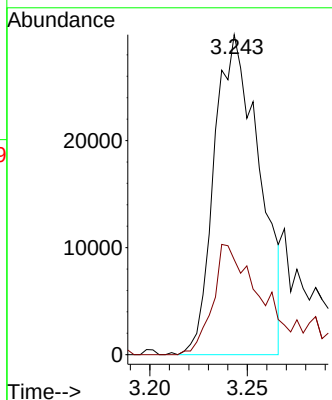
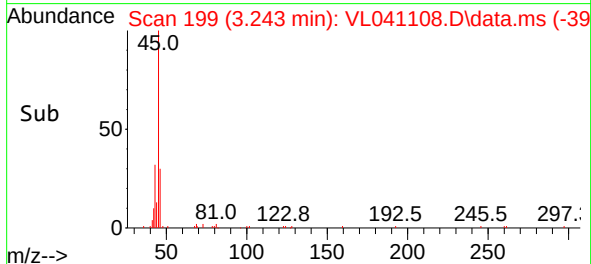
Instrument :
MSVOA_L
ClientSampleId :
SVP-04DL



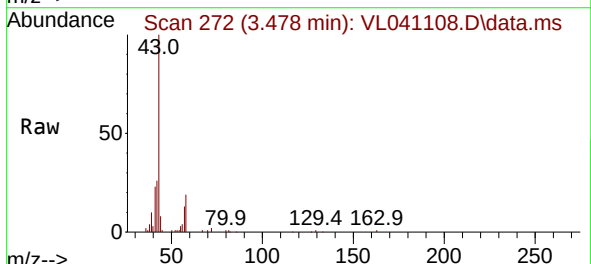
Tgt Ion: 45 Resp: 48038
Ion Ratio Lower Upper
45 100
46 43.3 14.6 58.2

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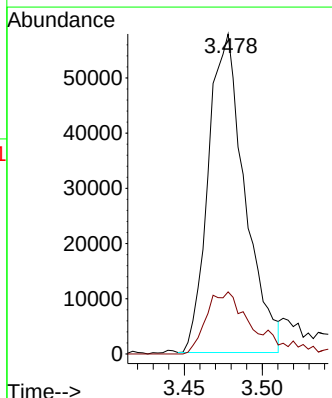
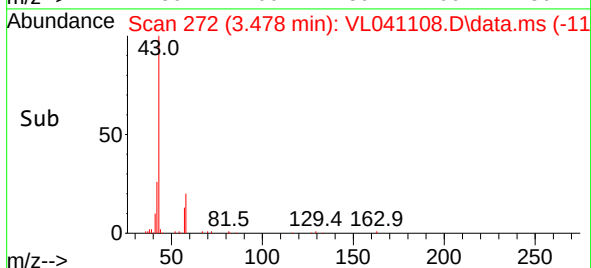
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

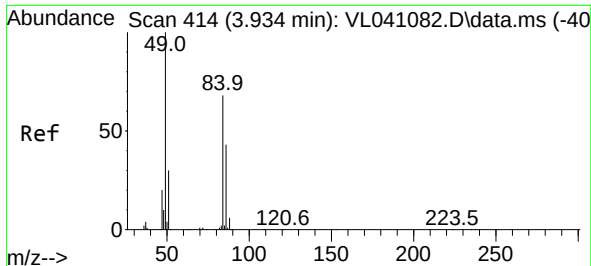


#15
Acetone
Concen: 0.674 ppbv
RT: 3.478 min Scan# 272
Delta R.T. 0.022 min
Lab File: VL041108.D
Acq: 14 Mar 2024 15:46



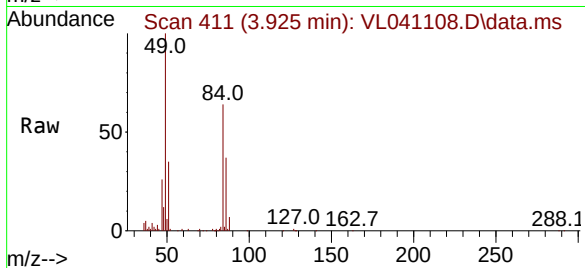
Tgt Ion: 43 Resp: 93893
Ion Ratio Lower Upper
43 100
58 26.6 21.7 32.5





#20
Methylene Chloride
Concen: 1.313 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL041108.D
Acq: 14 Mar 2024 15:46

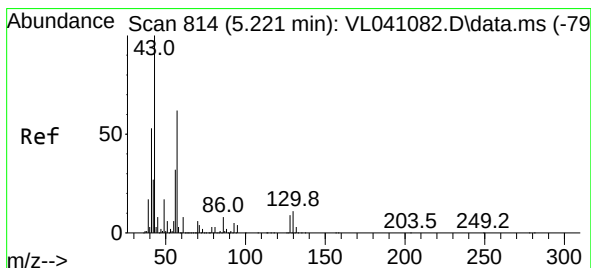
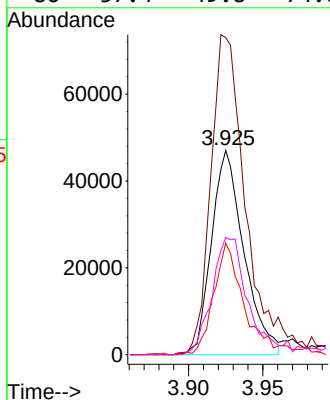
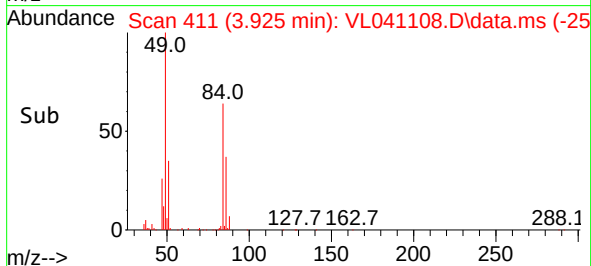
Instrument :
MSVOA_L
ClientSampleId :
SVP-04DL



Tgt Ion: 84 Resp: 71362
Ion Ratio Lower Upper
84 100
49 154.2 117.0 175.6
51 54.0 34.9 52.3
86 57.4 49.8 74.6

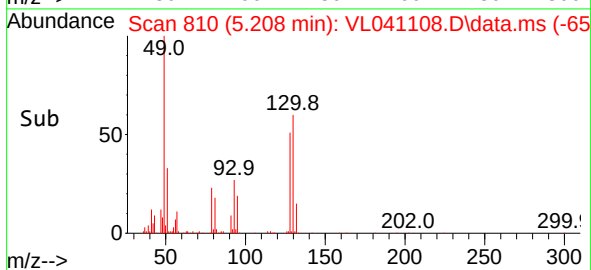
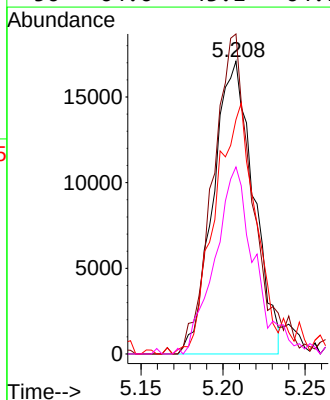
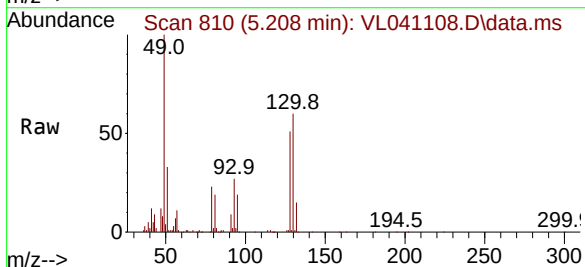
Manual Integrations
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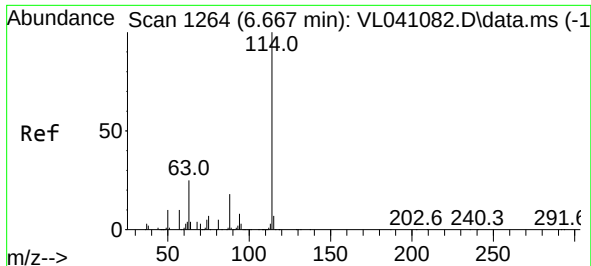
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#26
Hexane
Concen: 0.260 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.006 min
Lab File: VL041108.D
Acq: 14 Mar 2024 15:46

Tgt Ion: 57 Resp: 29177
Ion Ratio Lower Upper
57 100
41 110.8 73.8 110.6#
43 94.9 184.2 276.2#
56 64.6 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL041108.D

Acq: 14 Mar 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

SVP-04DL

Tgt Ion:114 Resp: 312661

Ion Ratio Lower Upper

114 100

63 26.2 21.0 31.6

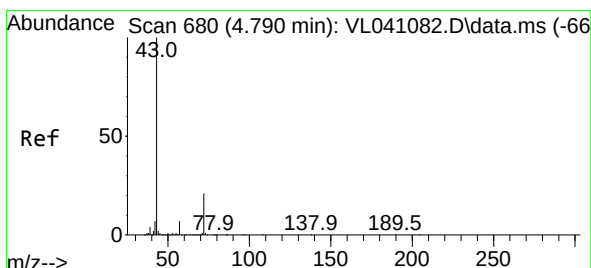
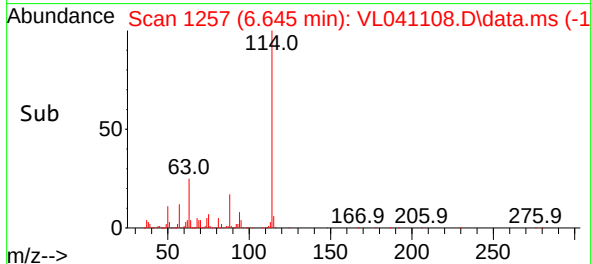
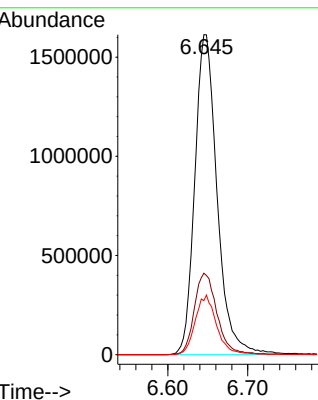
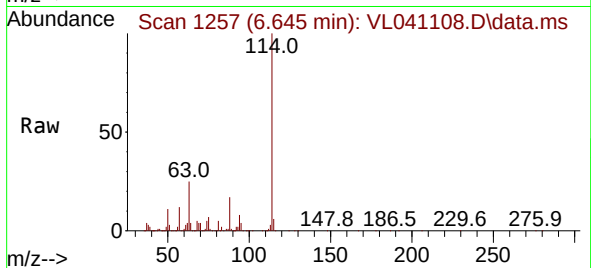
88 18.1 14.6 22.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#34

2-Butanone

Concen: 0.270 ppbv m

RT: 4.793 min Scan# 681

Delta R.T. 0.019 min

Lab File: VL041108.D

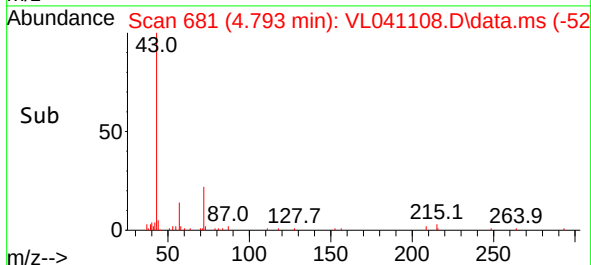
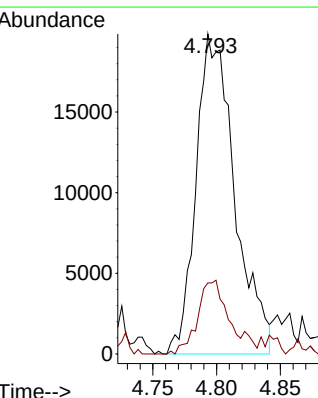
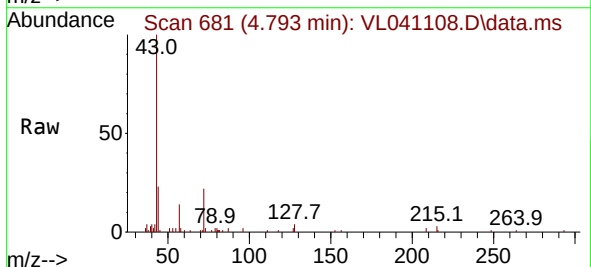
Acq: 14 Mar 2024 15:46

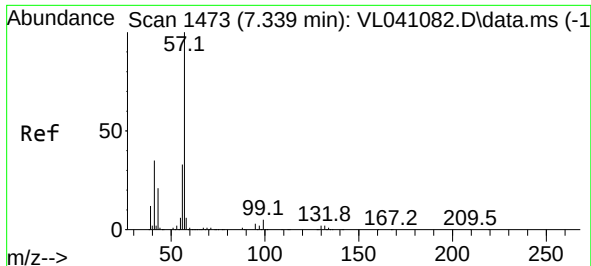
Tgt Ion: 43 Resp: 41850

Ion Ratio Lower Upper

43 100

72 0.0 17.4 26.0#





#44

2,2,4-Trimethylpentane

Concen: 0.101 ppbv m

RT: 7.324 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VL041108.D

Acq: 14 Mar 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

SVP-04DL

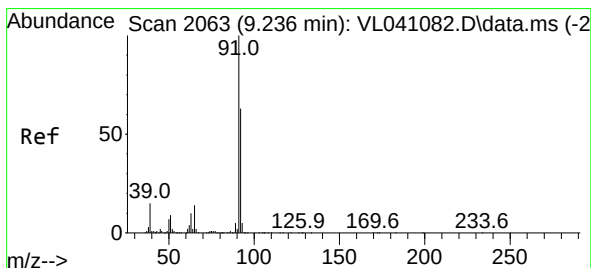
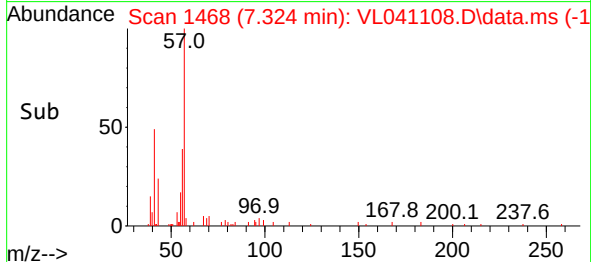
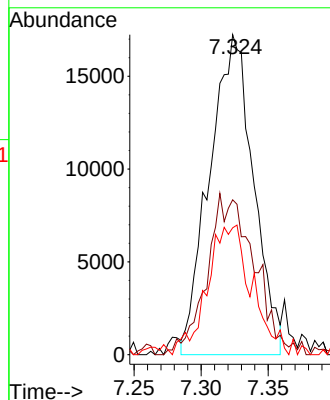
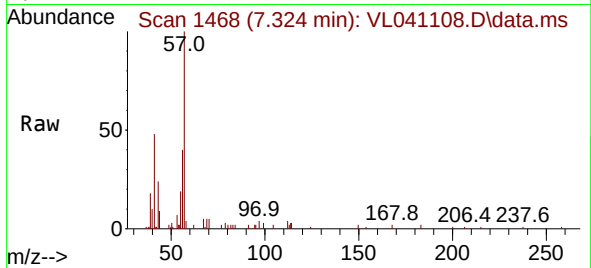
Tgt Ion: 57	Resp: 39390
Ion Ratio	Lower Upper
57 100	
41 53.9	28.0 42.0
56 43.4	25.7 38.5

Manual Integrations

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Supervised By :Mahesh Dadoda 03/18/2024



#53

Toluene

Concen: 10.686 ppbv

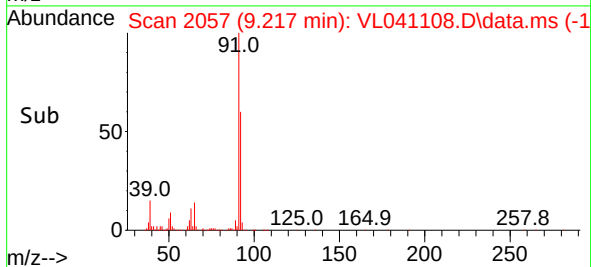
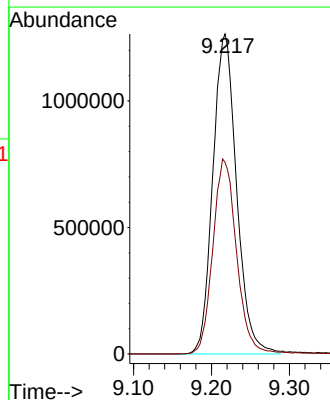
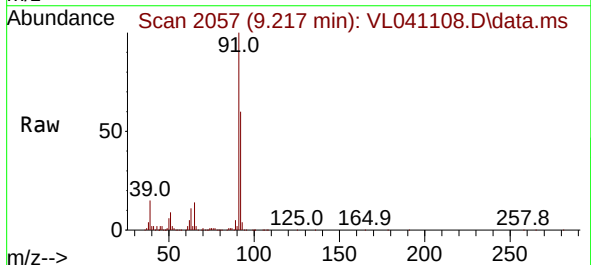
RT: 9.217 min Scan# 2057

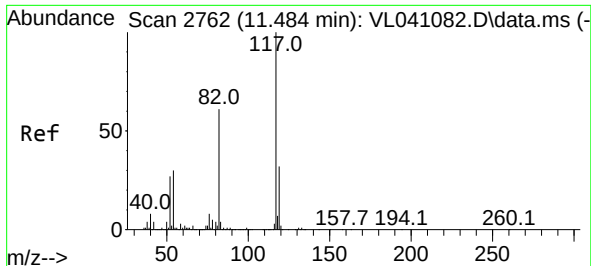
Delta R.T. 0.006 min

Lab File: VL041108.D

Acq: 14 Mar 2024 15:46

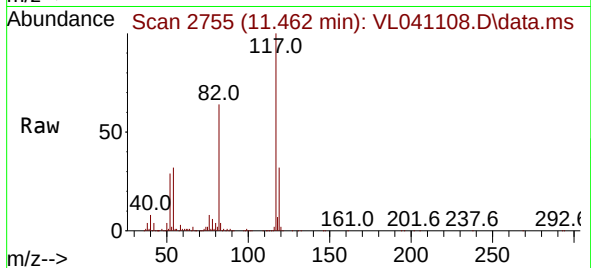
Tgt Ion: 91	Resp: 2680606
Ion Ratio	Lower Upper
91 100	
92 61.1	48.9 73.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041108.D
Acq: 14 Mar 2024 15:46

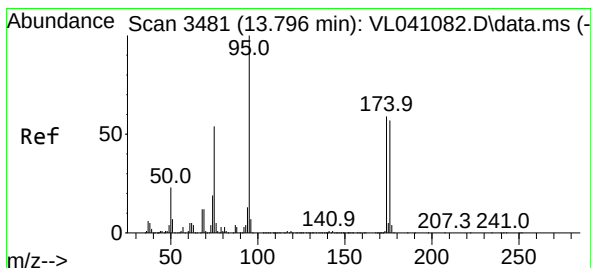
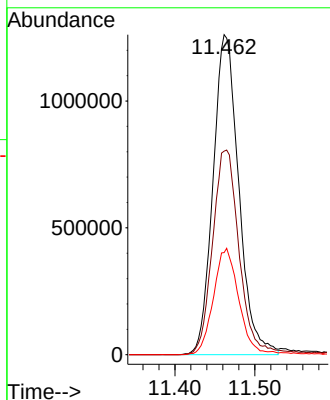
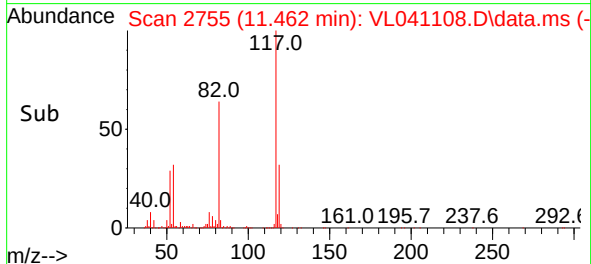
Instrument :
MSVOA_L
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SVP-04DL



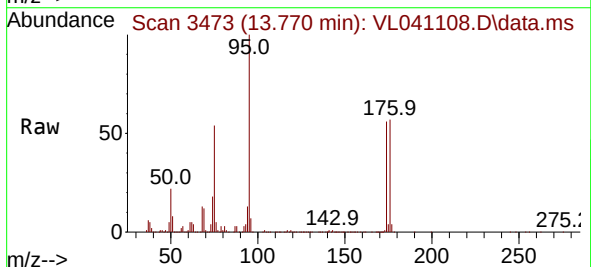
Tgt Ion: 117 Resp: 2819915
Ion Ratio Lower Upper
117 100
82 66.5 51.4 77.2
119 33.5 23.7 35.5

Manual Integrations
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Supervised By :Mahesh Dadoda 03/18/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.235 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.006 min
Lab File: VL041108.D
Acq: 14 Mar 2024 15:46



Tgt Ion: 95 Resp: 2256482
Ion Ratio Lower Upper
95 100
174 60.5 47.8 71.8
175 4.4 3.5 5.3

