

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121924\
 Data File : VL041822.D
 Acq On : 19 Dec 2024 16:03
 Operator : SY/MD
 Sample : P5296-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 20 01:44:58 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

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

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	79681	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	183918	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	168308	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	136616	9.741	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.492	85	1651	0.116	ppbv #	87
9) Propene	1.483	41	1999	0.355	ppbv	84
13) Ethanol	1.719	45	28937	62.048	ppbv	93
15) Acetone	1.835	43	10034	0.647	ppbv	98
19) Isopropyl Alcohol	1.887	45	4538m	0.488	ppbv	
20) Methylene Chloride	2.062	84	8069	1.825	ppbv	91
26) Hexane	2.826	57	2191	0.200	ppbv #	42
29) Chloroform	2.849	83	3066	0.184	ppbv	97
34) 2-Butanone	2.560	43	1670	0.113	ppbv #	89
52) Tetrachloroethene	8.215	164	637m	0.090	ppbv	
53) Toluene	6.933	91	9187m	0.426	ppbv	
59) m/p-Xylene	9.522	91	6151m	0.252	ppbv	
60) o-Xylene	9.963	91	2680m	0.110	ppbv	

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

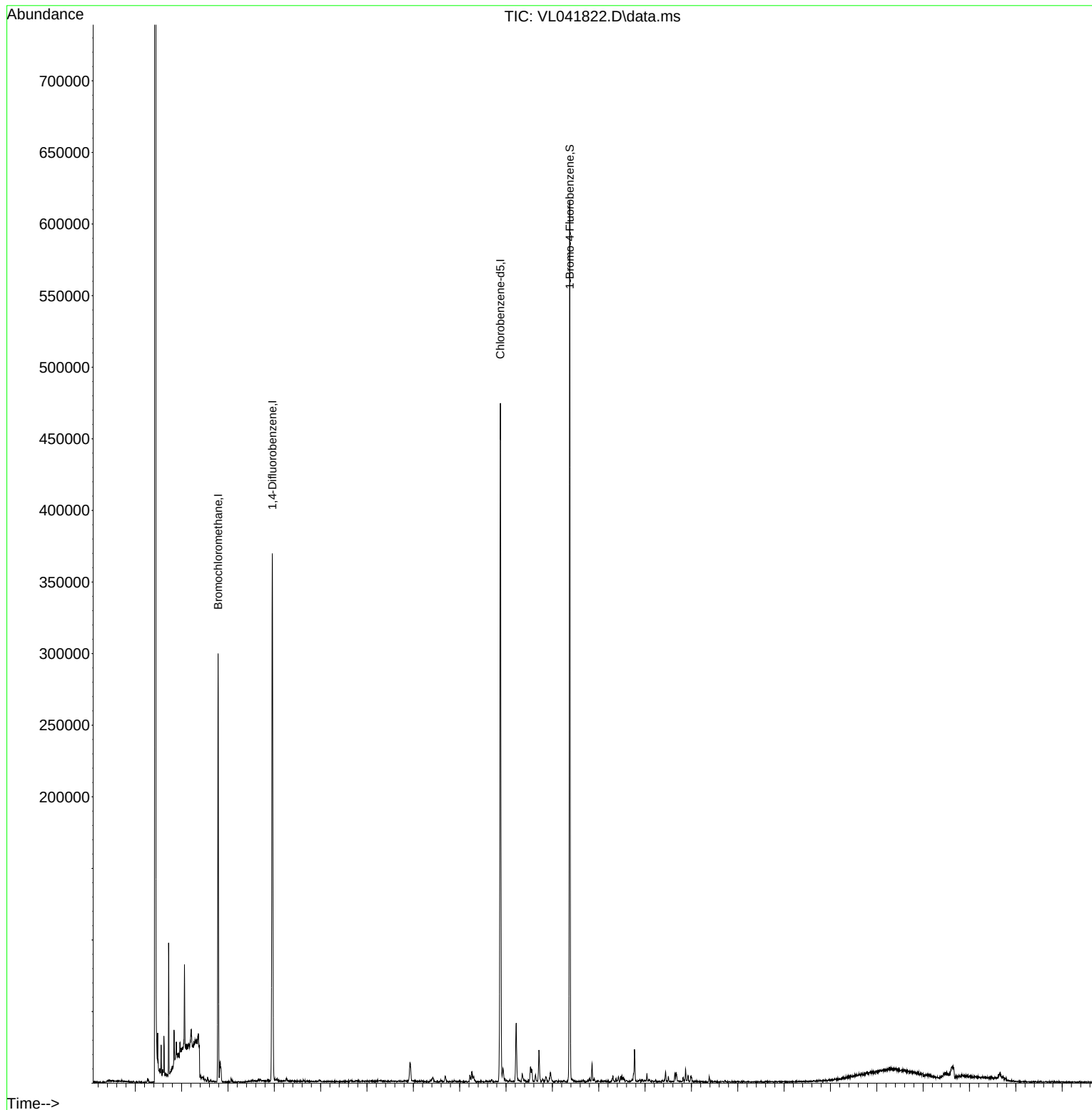
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121924\
Data File : VL041822.D
Acq On : 19 Dec 2024 16:03
Operator : SY/MD
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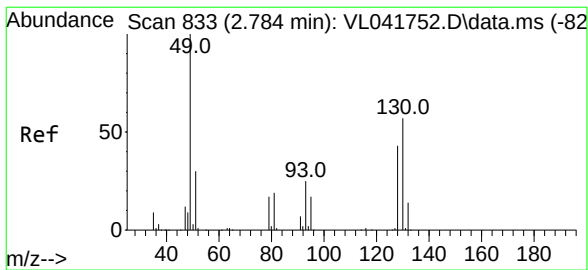
Instrument :
MSVOA_L
ClientSampleId :
C0AC3

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024

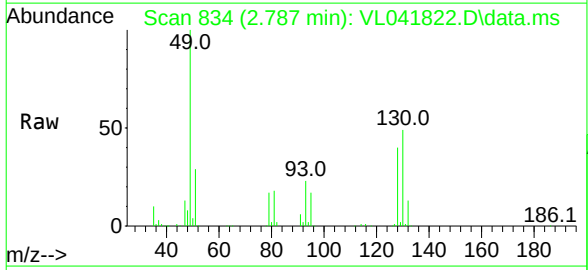
Quant Time: Dec 20 01:44:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 833
Delta R.T. 0.003 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03

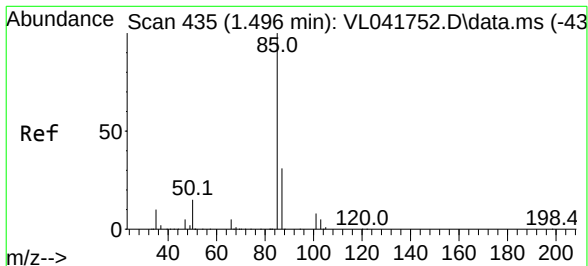
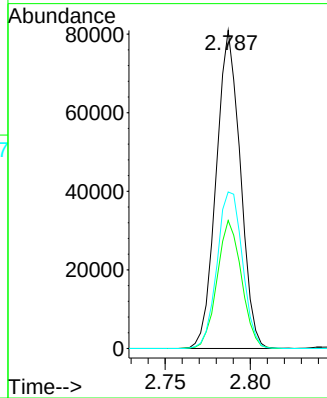
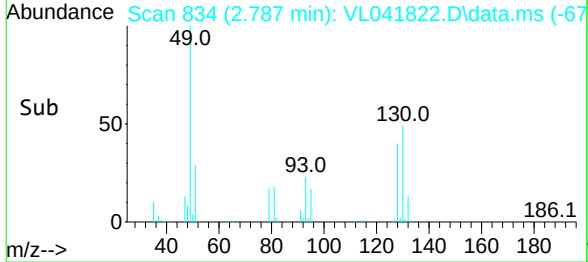
Instrument :
MSVOA_L
ClientSampleId :
C0AC3



Tgt Ion: 49 Resp: 79681
Ion Ratio Lower Upper
49 100
128 40.6 21.6 64.6
130 52.1 28.3 85.0

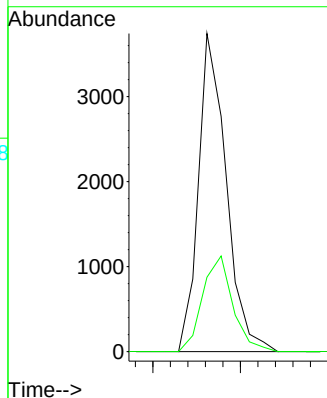
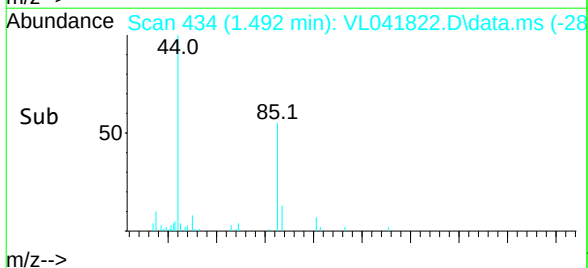
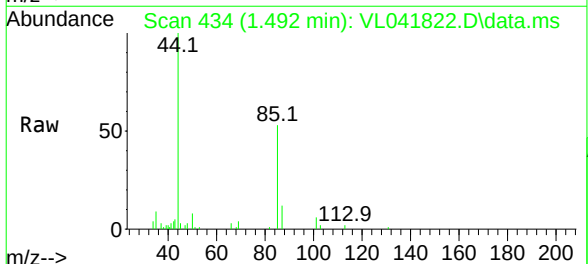
Manual Integrations
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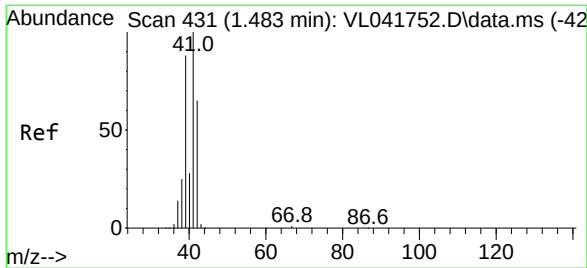
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 0.116 ppbv
RT: 1.492 min Scan# 434
Delta R.T. -0.004 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03

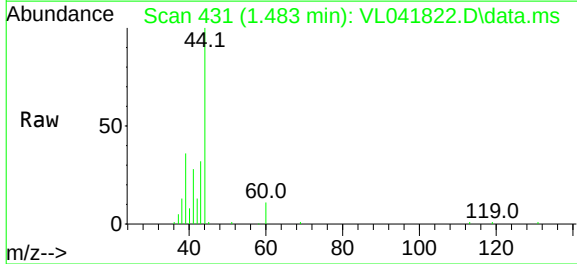
Tgt Ion: 85 Resp: 1651
Ion Ratio Lower Upper
85 100
87 23.4 24.5 36.7#





#9
Propene
Concen: 0.355 ppbv
RT: 1.483 min Scan# 431
Delta R.T. -0.000 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03

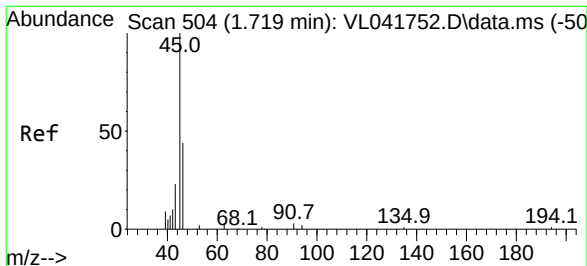
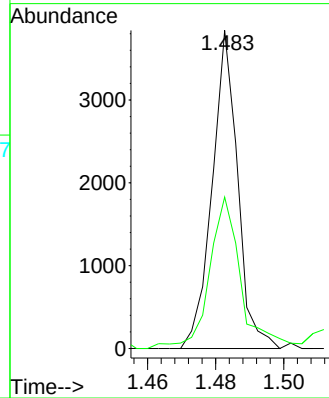
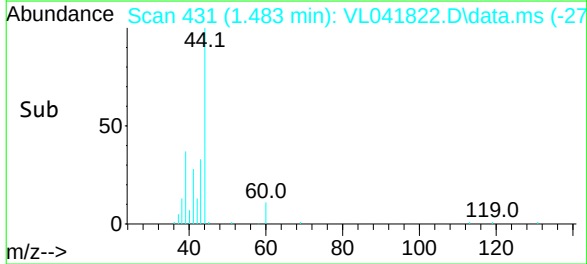
Instrument :
MSVOA_L
ClientSampleId :
C0AC3



Tgt Ion: 41 Resp: 1999
Ion Ratio Lower Upper
41 100
42 78.4 52.4 78.6

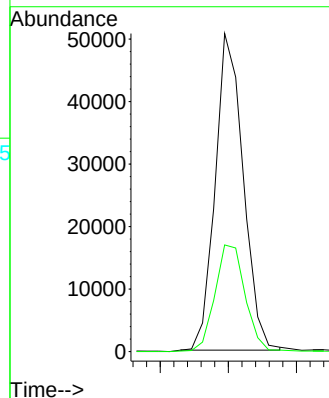
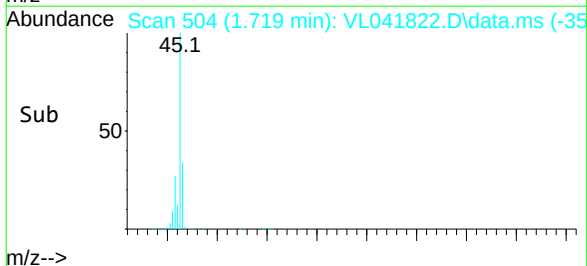
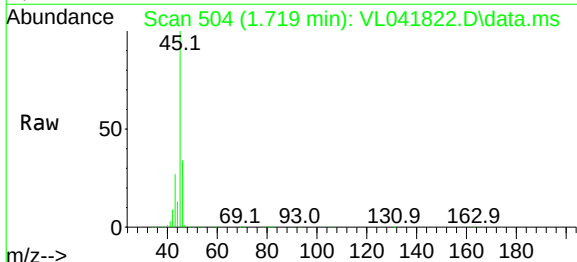
Manual Integrations
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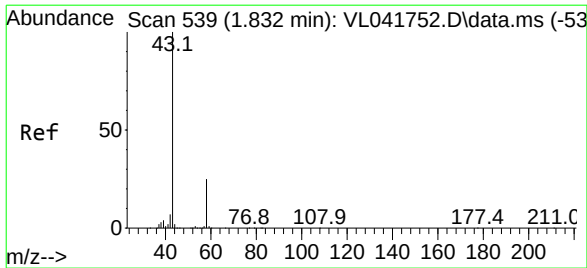
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#13
Ethanol
Concen: 62.048 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03

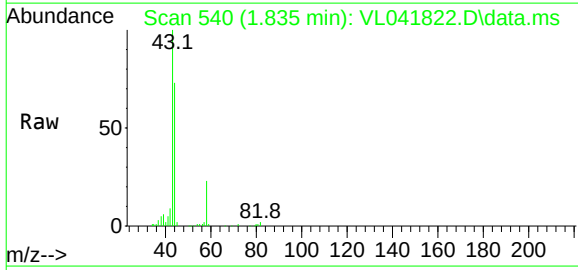
Tgt Ion: 45 Resp: 28937
Ion Ratio Lower Upper
45 100
46 36.8 16.4 65.8





#15
Acetone
Concen: 0.647 ppbv
RT: 1.835 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03

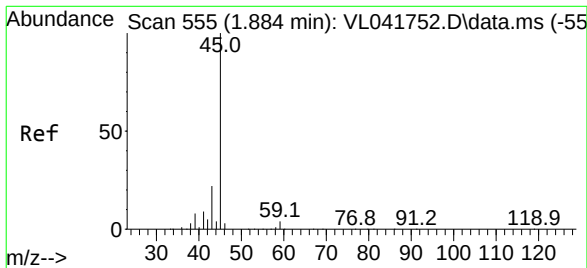
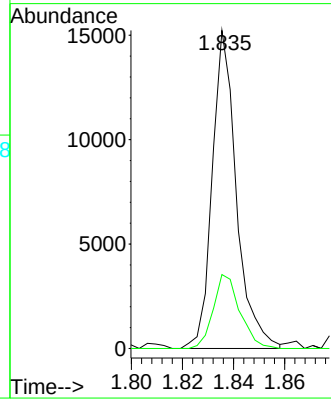
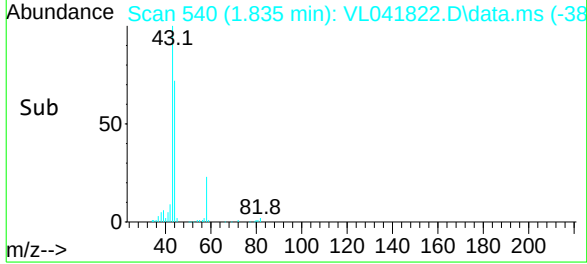
Instrument :
MSVOA_L
ClientSampleId :
C0AC3



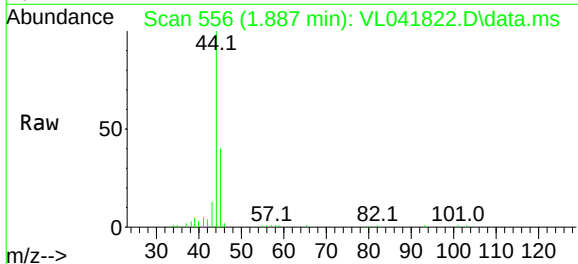
Tgt Ion: 43 Resp: 10034
Ion Ratio Lower Upper
43 100
58 25.6 19.7 29.5

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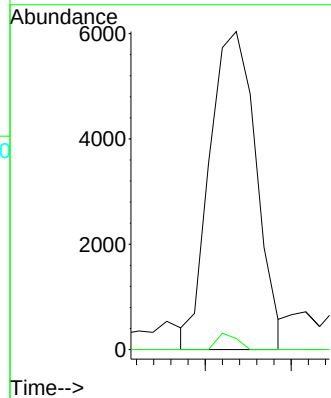
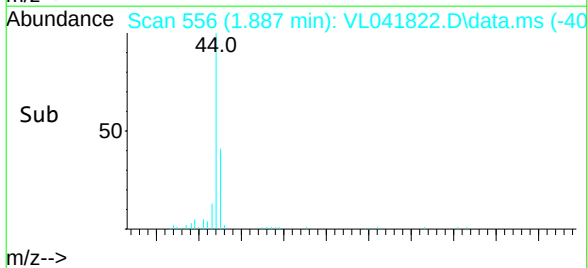
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

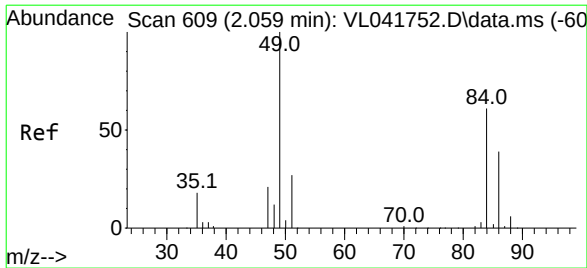


#19
Isopropyl Alcohol
Concen: 0.488 ppbv m
RT: 1.887 min Scan# 556
Delta R.T. 0.003 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03



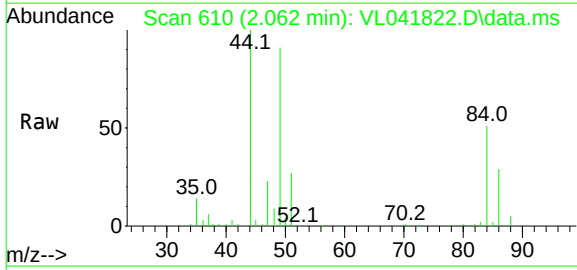
Tgt Ion: 45 Resp: 4538
Ion Ratio Lower Upper
45 100
58 32.0 33.3 49.9#





#20
Methylene Chloride
Concen: 1.825 ppbv
RT: 2.062 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03

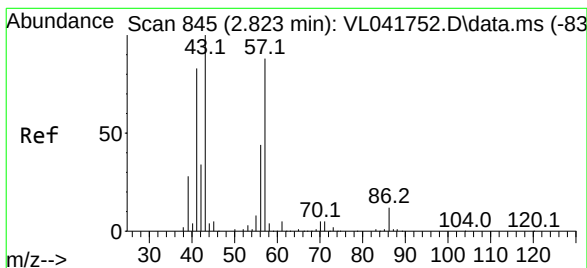
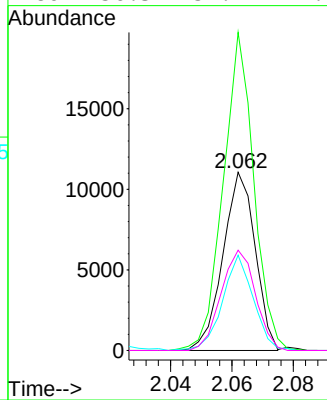
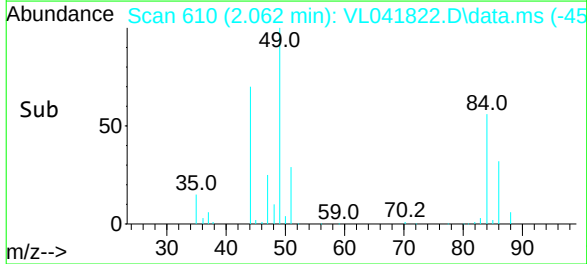
Instrument :
MSVOA_L
ClientSampleId :
C0AC3



Tgt Ion:	84	Resp:	8069
Ion	Ratio	Lower	Upper
84	100		
49	176.9	132.6	198.8
51	52.8	37.6	56.4
86	56.3	51.4	77.0

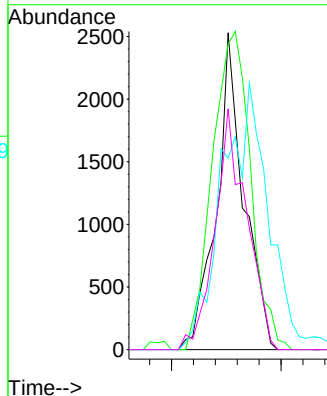
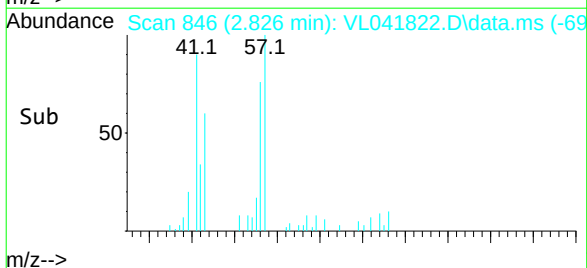
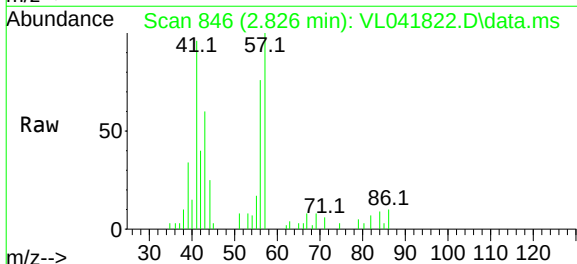
Manual Integrations
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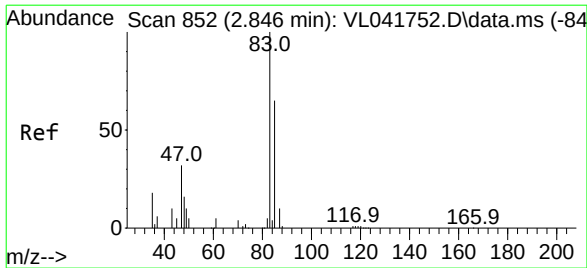
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
Hexane
Concen: 0.200 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.003 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03

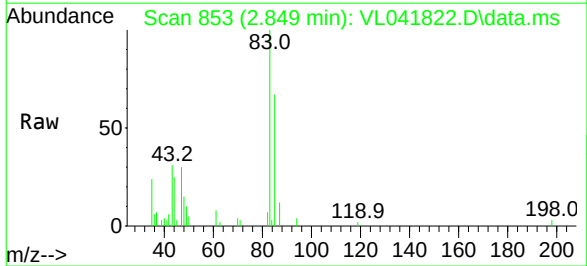
Tgt Ion:	57	Resp:	2191
Ion	Ratio	Lower	Upper
57	100		
41	142.4	79.6	119.4#
43	144.1	211.0	316.6#
56	87.6	42.6	63.8#





#29
Chloroform
Concen: 0.184 ppbv
RT: 2.849 min Scan# 85
Delta R.T. 0.003 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03

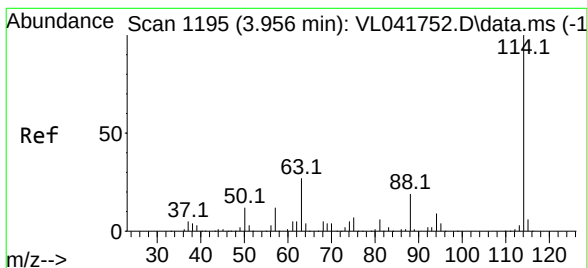
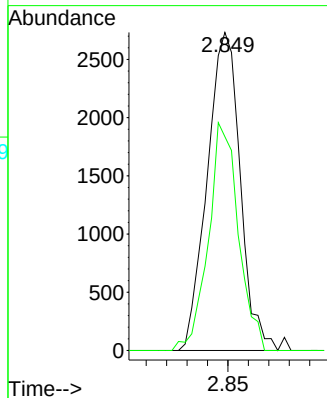
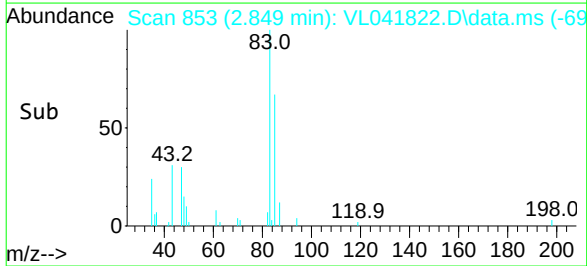
Instrument :
MSVOA_L
ClientSampleId :
C0AC3



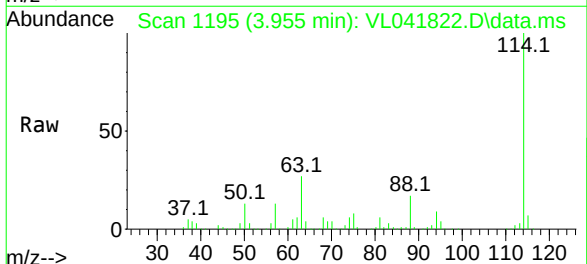
Tgt Ion: 83 Resp: 3066
Ion Ratio Lower Upper
83 100
85 67.2 51.8 77.6

Manual Integrations
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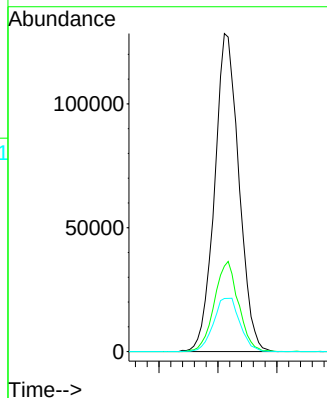
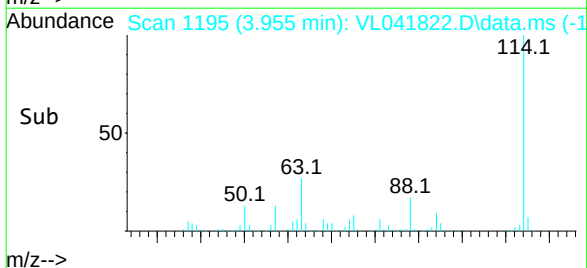
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

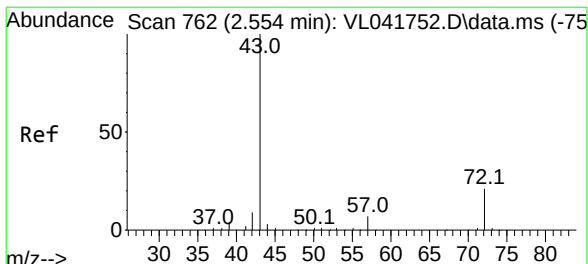


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. -0.000 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03



Tgt Ion:114 Resp: 183918
Ion Ratio Lower Upper
114 100
63 28.2 21.8 32.8
88 18.2 14.8 22.2





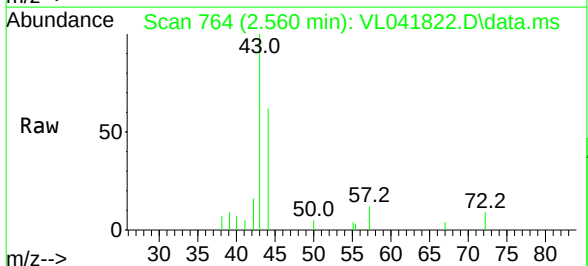
#34
 2-Butanone
 Concen: 0.113 ppbv
 RT: 2.560 min Scan# 764
 Delta R.T. 0.006 min
 Lab File: VL041822.D
 Acq: 19 Dec 2024 16:03

Instrument :

MSVOA_L

ClientSampleId :

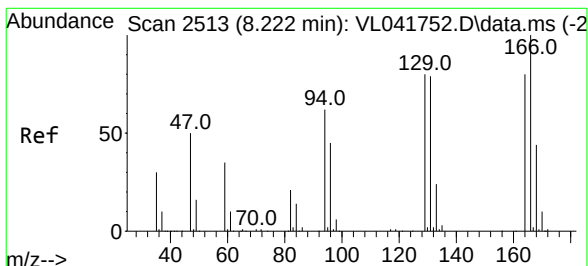
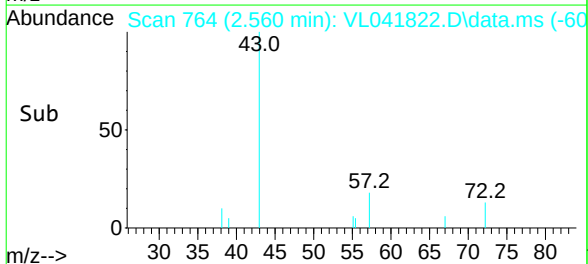
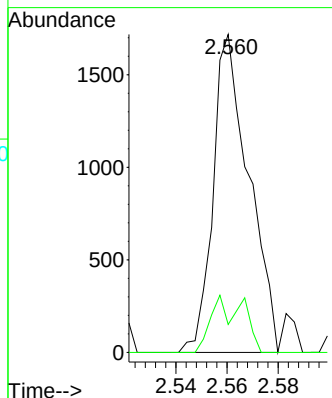
C0AC3



Tgt Ion:	43	Resp:	1670
Ion	Ratio	Lower	Upper
43	100		
72	15.8	16.8	25.2#

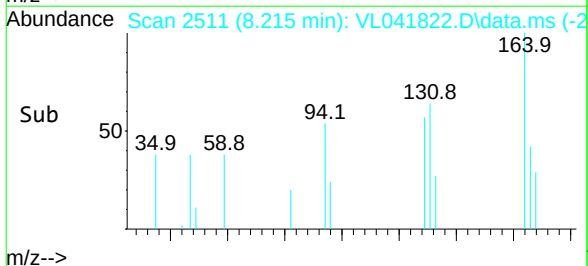
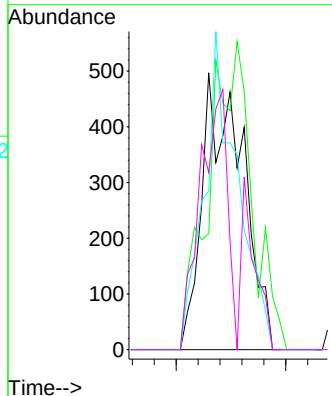
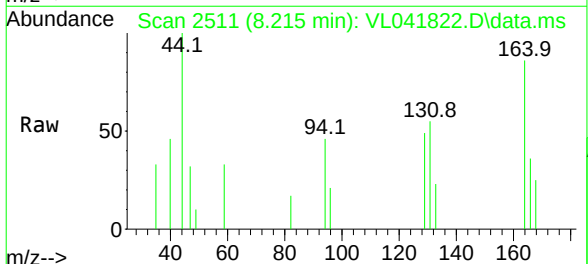
Manual Integrations
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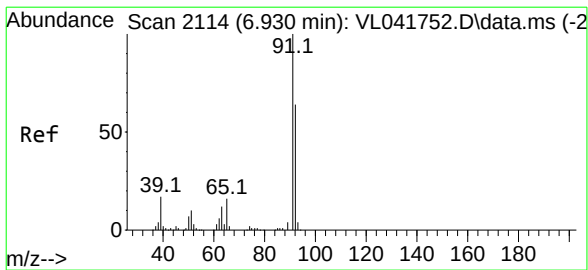
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#52
 Tetrachloroethene
 Concen: 0.090 ppbv m
 RT: 8.215 min Scan# 2511
 Delta R.T. -0.007 min
 Lab File: VL041822.D
 Acq: 19 Dec 2024 16:03

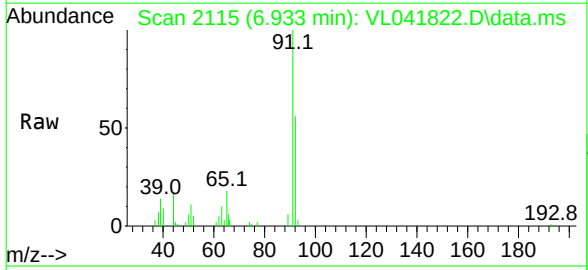
Tgt Ion:	164	Resp:	637
Ion	Ratio	Lower	Upper
164	100		
166	41.9	99.8	149.6#
129	57.3	79.6	119.4#
131	64.0	78.6	117.8#





#53
Toluene
Concen: 0.426 ppbv m
RT: 6.933 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03

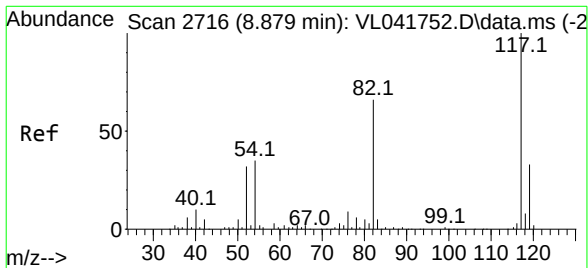
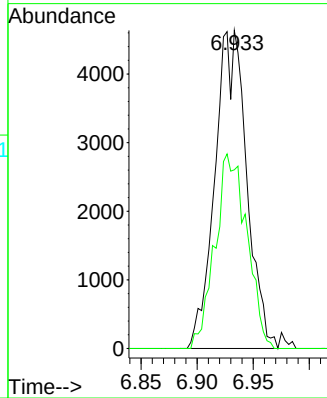
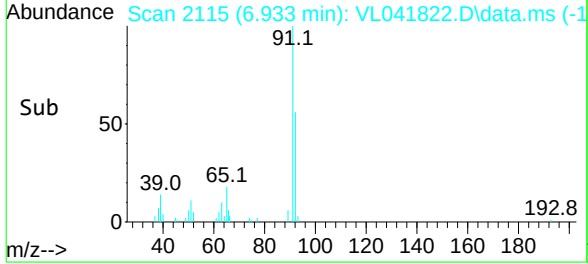
Instrument :
MSVOA_L
ClientSampleId :
C0AC3



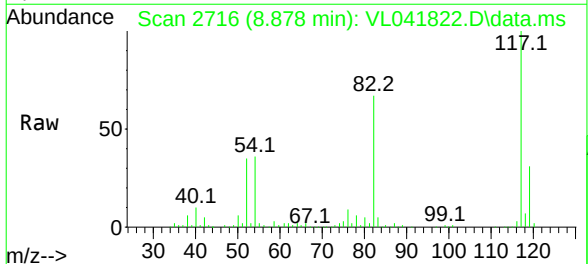
Tgt Ion: 91 Resp: 9187
Ion Ratio Lower Upper
91 100
92 60.9 47.9 71.9

Manual Integrations
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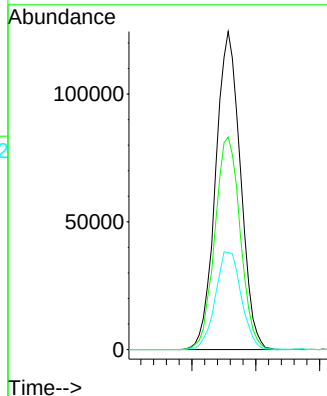
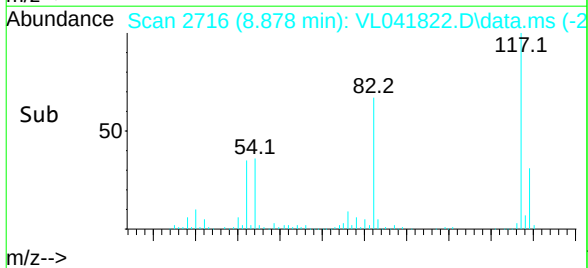
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

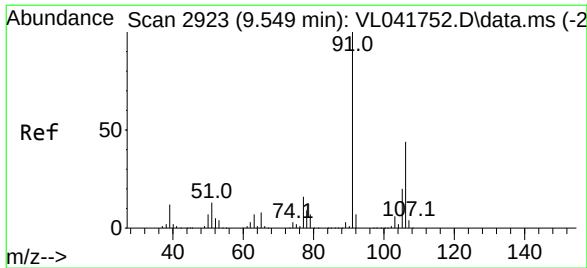


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2716
Delta R.T. -0.000 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03



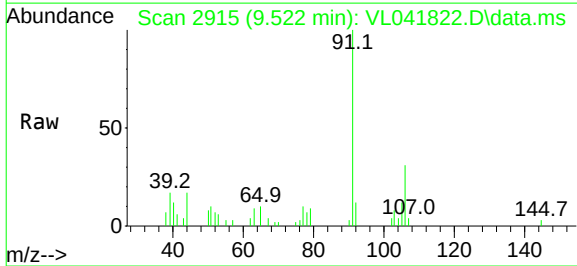
Tgt Ion:117 Resp: 168308
Ion Ratio Lower Upper
117 100
82 68.4 53.8 80.8
119 32.3 26.7 40.1





#59
m/p-Xylene
Concen: 0.252 ppbv m
RT: 9.522 min Scan# 2915
Delta R.T. -0.026 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03

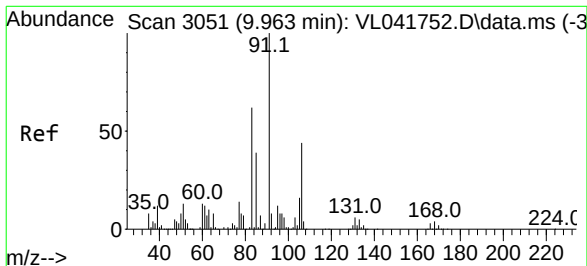
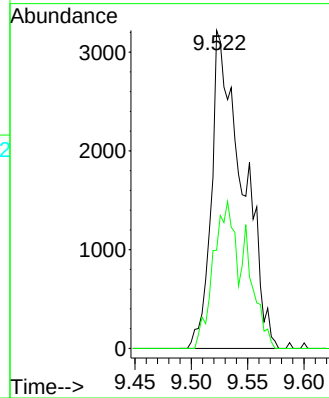
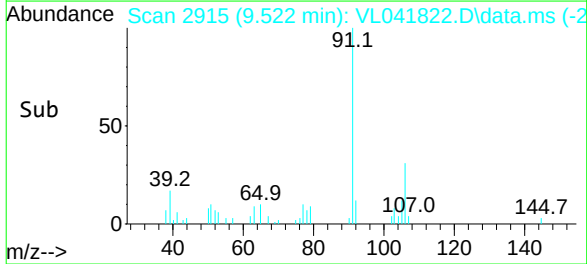
Instrument :
MSVOA_L
ClientSampleId :
C0AC3



Tgt Ion: 91 Resp: 6151
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

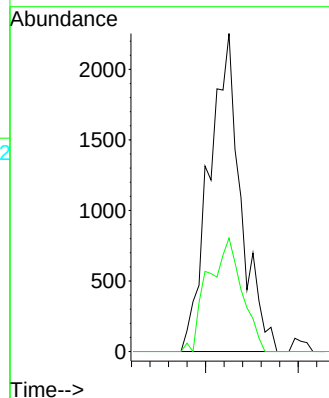
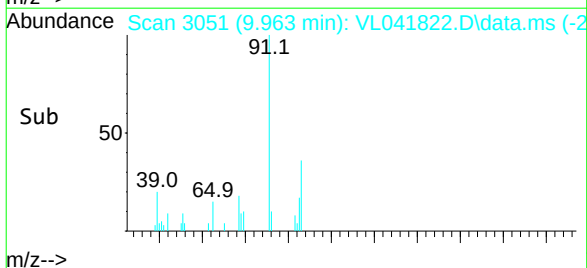
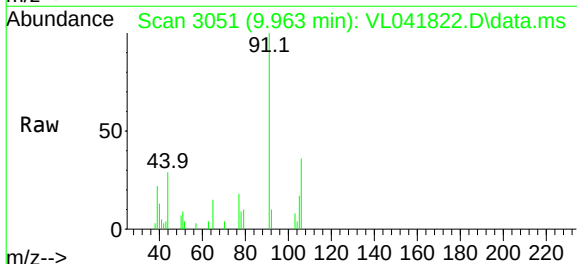
Manual Integrations
APPROVED

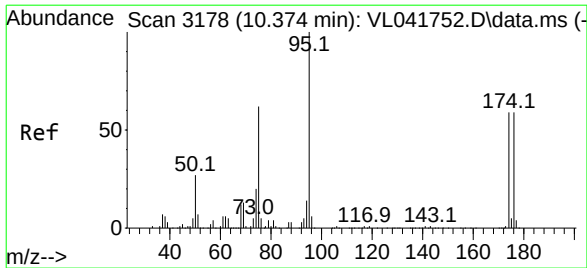
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
o-Xylene
Concen: 0.110 ppbv m
RT: 9.963 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03

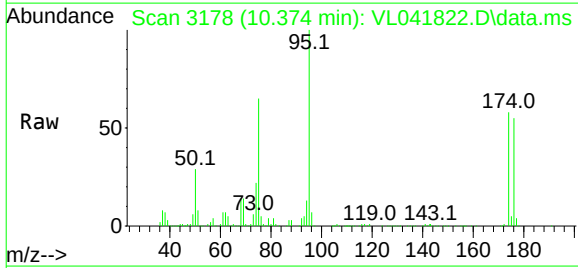
Tgt Ion: 91 Resp: 2680
Ion Ratio Lower Upper
91 100
106 38.1 21.1 63.4





#68
1-Bromo-4-Fluorobenzene
Concen: 9.741 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. -0.000 min
Lab File: VL041822.D
Acq: 19 Dec 2024 16:03

Instrument :
MSVOA_L
ClientSampleId :
C0AC3



Tgt Ion: 95 Resp: 136616
Ion Ratio Lower Upper
95 100
174 59.2 47.6 71.4
175 4.6 3.7 5.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

