

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040366.D
 Acq On : 13 Apr 2023 19:19
 Operator : SY/MD
 Sample : 02332-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-19-20230412DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 08:35:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1008533	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2560113	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2313188	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1876246	9.809	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						
					Qvalue	
9) Propene	2.684	41	383214	7.360	ppbv	94
13) Ethanol	3.243	45	21607	4.971	ppbv	98
15) Acetone	3.472	43	268346	1.879	ppbv	96
26) Hexane	5.218	57	39895m	0.394	ppbv	
34) 2-Butanone	4.800	43	51193	0.371	ppbv	93
36) Benzene	6.375	78	42612	0.204	ppbv	97
53) Toluene	9.227	91	117050	0.529	ppbv	99

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

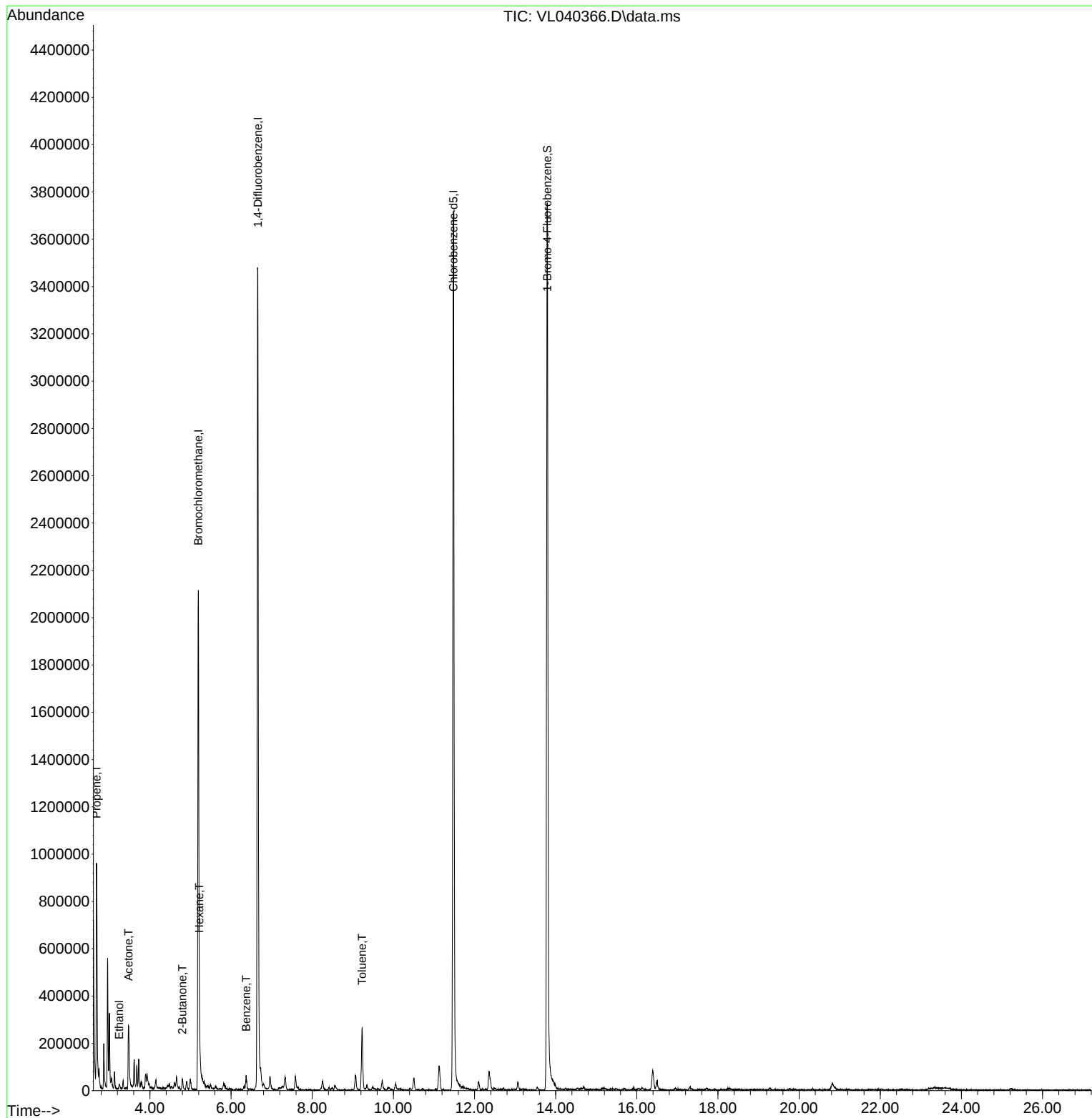
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
Data File : VL040366.D
Acq On : 13 Apr 2023 19:19
Operator : SY/MD
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Misc : 400mL/MSVOA_L
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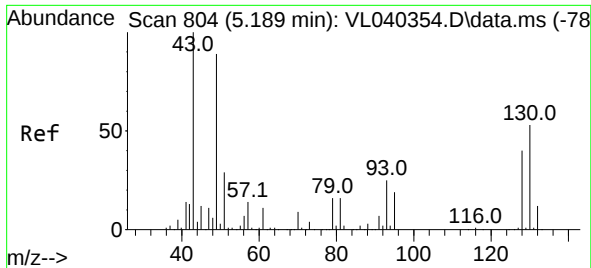
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Quant Time: Apr 14 08:35:34 2023
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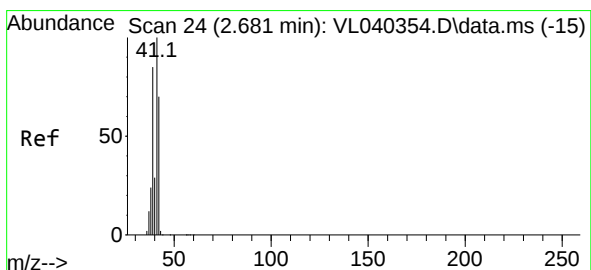
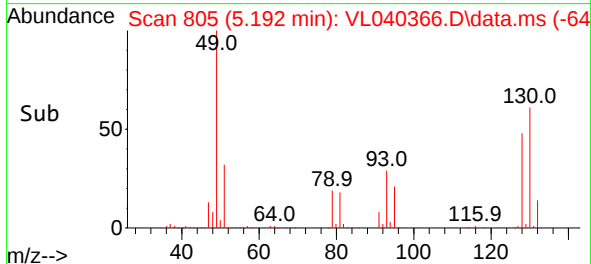
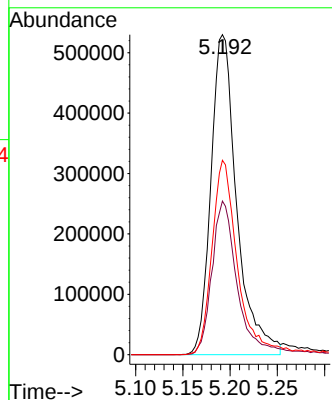
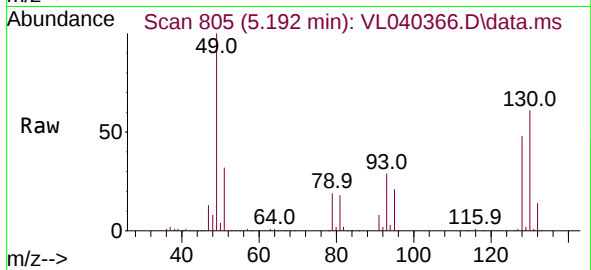
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.003 min
Lab File: VL040366.D
Acq: 13 Apr 2023 19:19

Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

Tgt Ion: 49 Resp: 100853
Ion Ratio Lower Upper
49 100
128 48.2 23.7 71.1
130 61.8 29.9 89.8

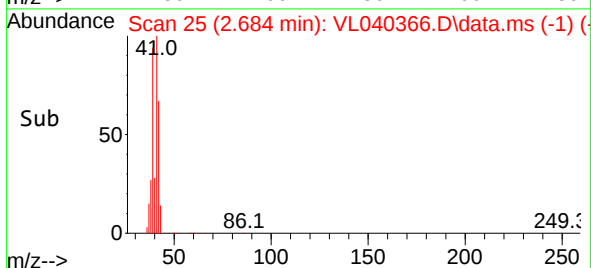
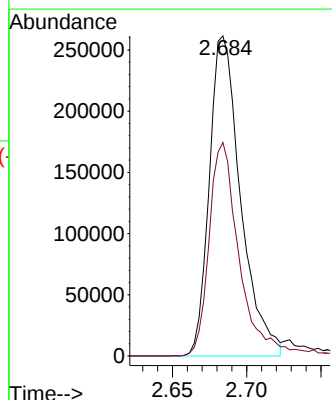
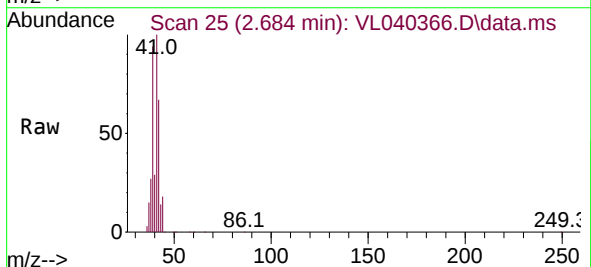
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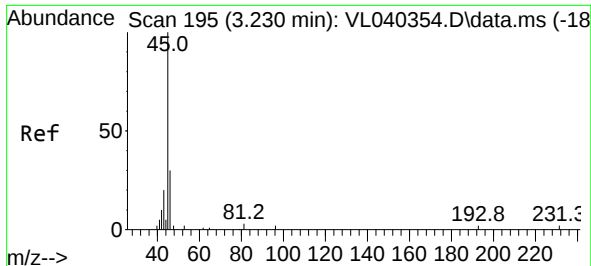
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#9
Propene
Concen: 7.360 ppbv
RT: 2.684 min Scan# 25
Delta R.T. 0.003 min
Lab File: VL040366.D
Acq: 13 Apr 2023 19:19

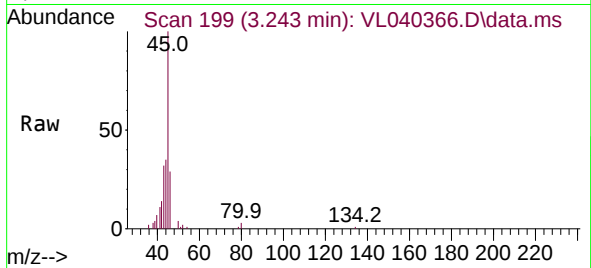
Tgt Ion: 41 Resp: 383214
Ion Ratio Lower Upper
41 100
42 65.9 56.5 84.7





#13
Ethanol
Concen: 4.971 ppbv
RT: 3.243 min Scan# 195
Delta R.T. 0.013 min
Lab File: VL040366.D
Acq: 13 Apr 2023 19:19

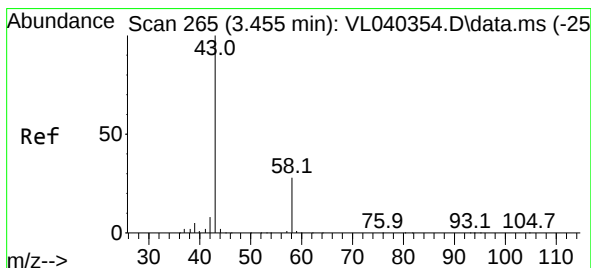
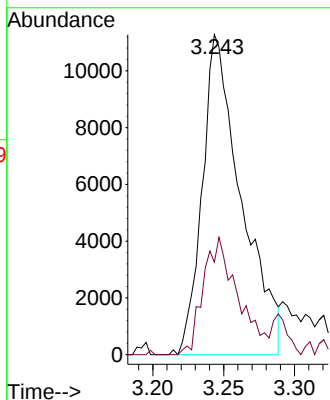
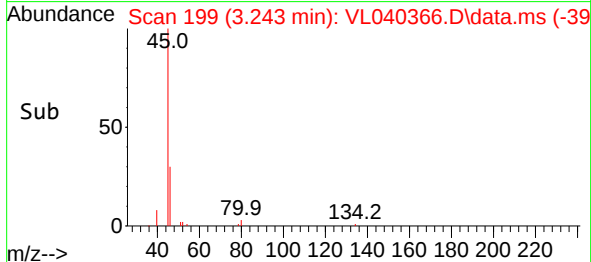
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL



Tgt Ion: 45 Resp: 2160
Ion Ratio Lower Upper
45 100
46 39.7 15.3 61.3

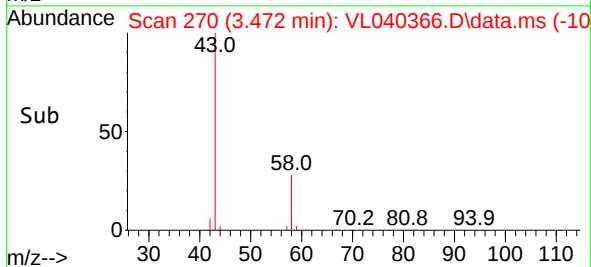
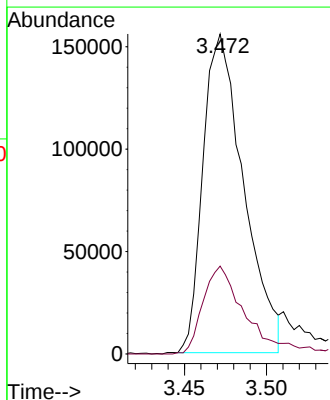
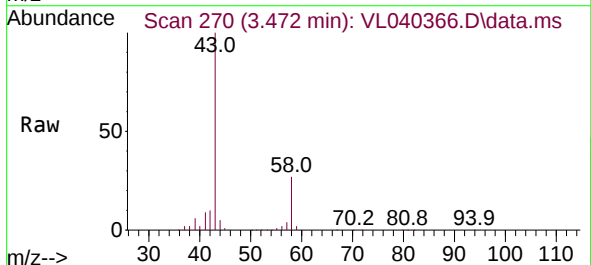
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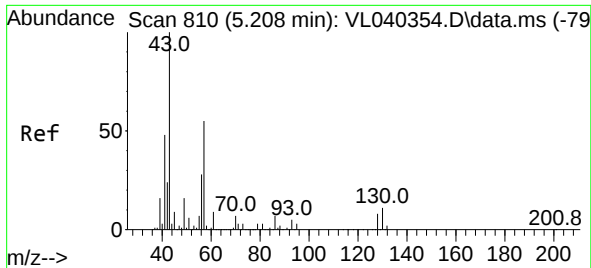
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#15
Acetone
Concen: 1.879 ppbv
RT: 3.472 min Scan# 270
Delta R.T. 0.016 min
Lab File: VL040366.D
Acq: 13 Apr 2023 19:19

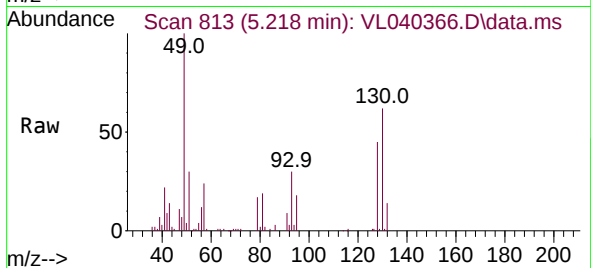
Tgt Ion: 43 Resp: 268346
Ion Ratio Lower Upper
43 100
58 29.9 22.2 33.2





#26
Hexane
Concen: 0.394 ppbv m
RT: 5.218 min Scan# 810
Delta R.T. 0.010 min
Lab File: VL040366.D
Acq: 13 Apr 2023 19:19

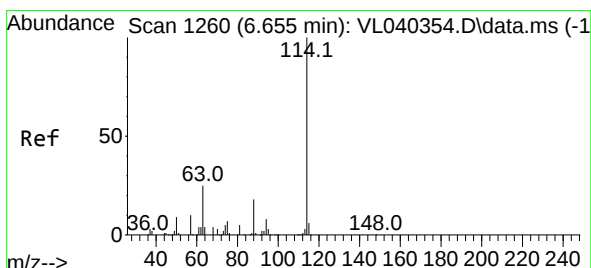
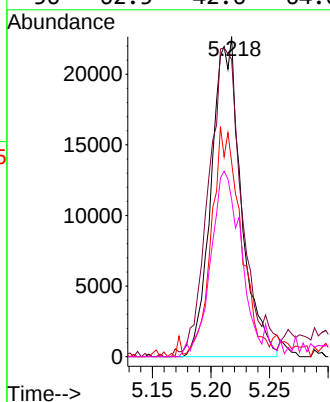
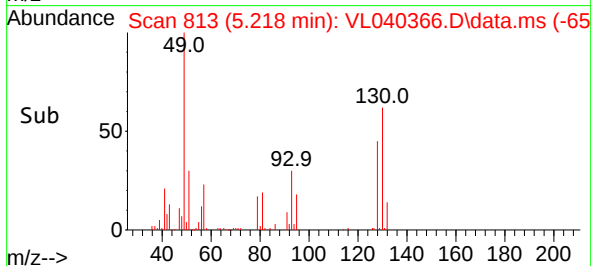
Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL



Tgt Ion: 57 Resp: 3989
Ion Ratio Lower Upper
57 100
41 110.0 74.8 112.2
43 75.4 192.7 289.1
56 62.5 42.6 64.0

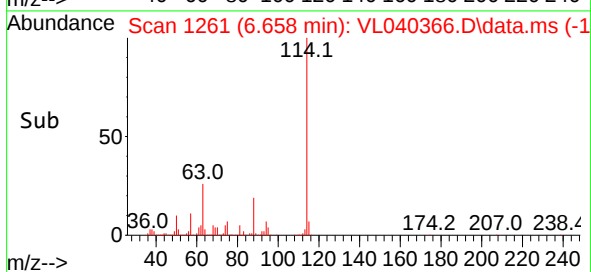
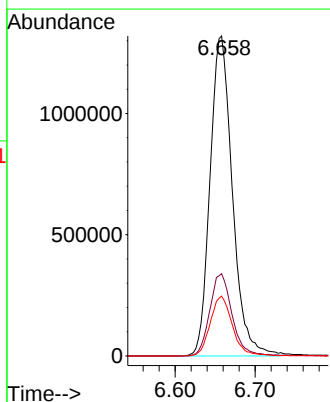
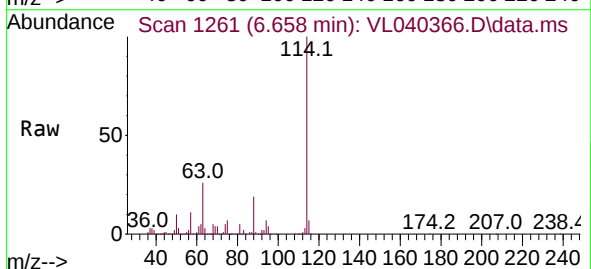
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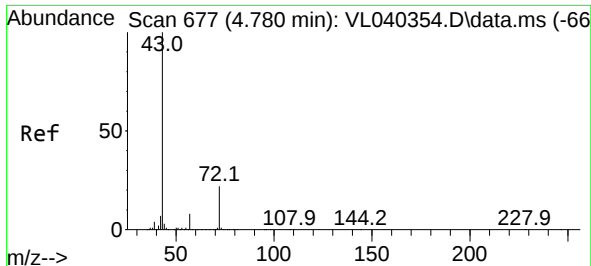
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VL040366.D
Acq: 13 Apr 2023 19:19

Tgt Ion:114 Resp: 2560113
Ion Ratio Lower Upper
114 100
63 26.0 21.4 32.0
88 18.6 14.6 22.0





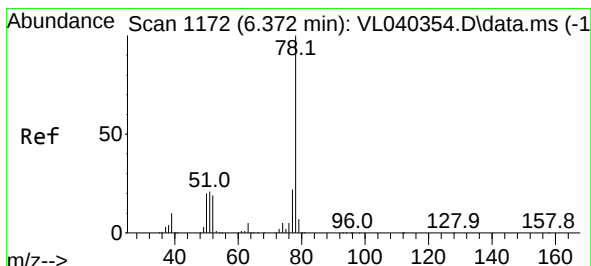
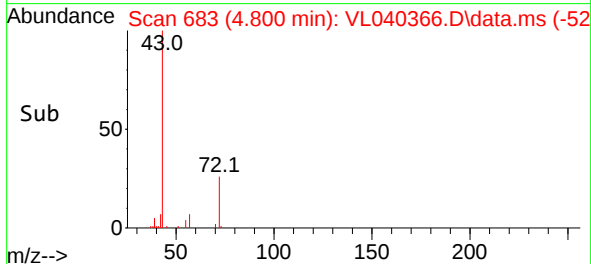
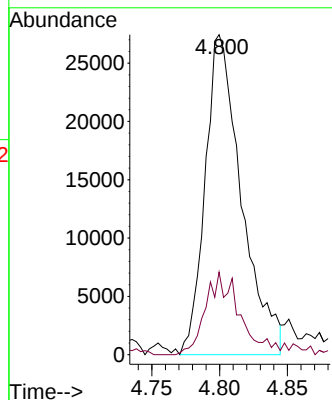
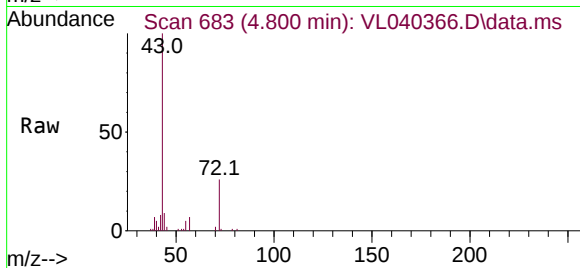
#34
2-Butanone
Concen: 0.371 ppbv
RT: 4.800 min Scan# 611
Delta R.T. 0.019 min
Lab File: VL040366.D
Acq: 13 Apr 2023 19:19

Instrument :
MSVOA_L
ClientSampleId :
SV-19-20230412DL

Tgt Ion: 43 Resp: 5119
Ion Ratio Lower Upper
43 100
72 26.4 18.4 27.6

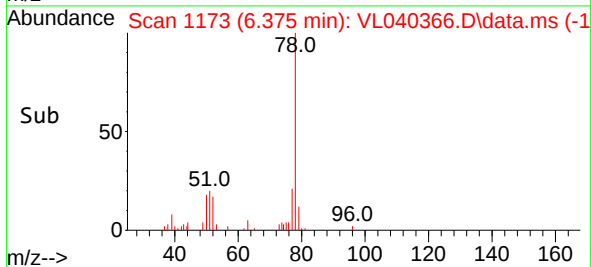
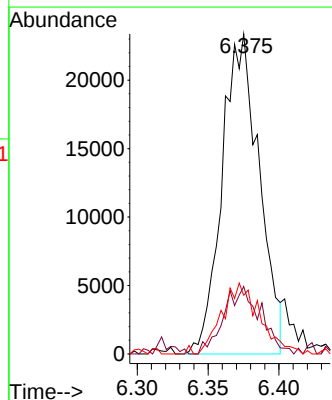
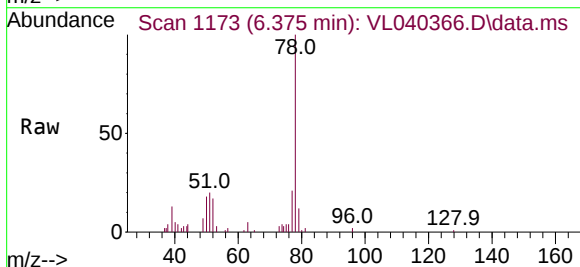
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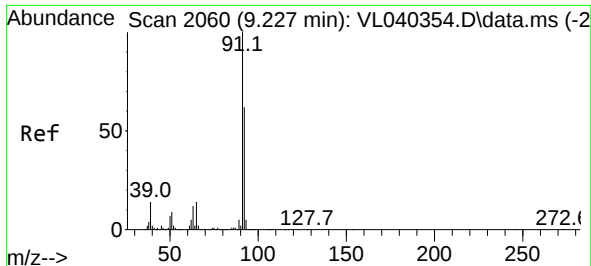
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#36
Benzene
Concen: 0.204 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VL040366.D
Acq: 13 Apr 2023 19:19

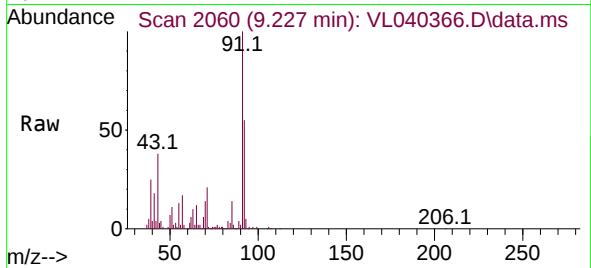
Tgt Ion: 78 Resp: 42612
Ion Ratio Lower Upper
78 100
77 20.3 17.8 26.8
50 18.4 15.6 23.4





#53
Toluene
Concen: 0.529 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VL040366.D
Acq: 13 Apr 2023 19:19

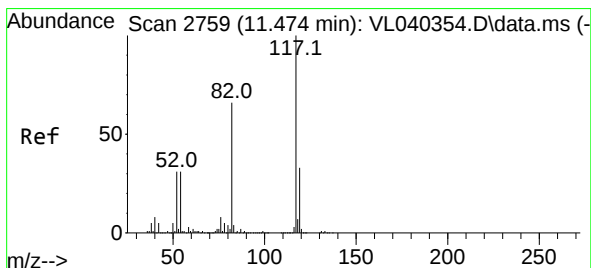
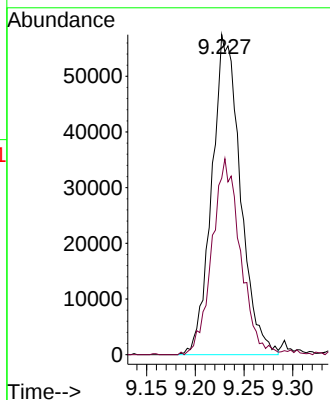
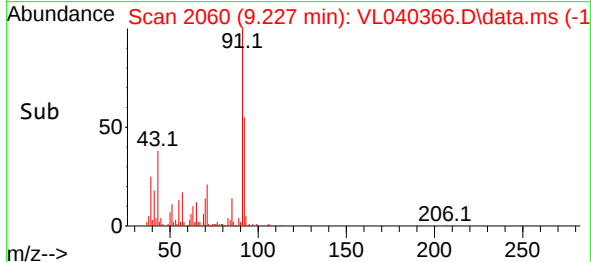
Instrument :
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ClientSampleId :
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Tgt Ion: 91 Resp: 117050
Ion Ratio Lower Upper
91 100
92 61.5 48.9 73.3

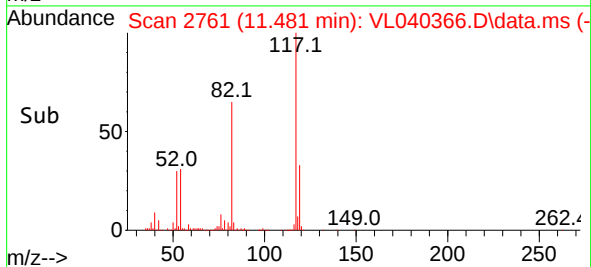
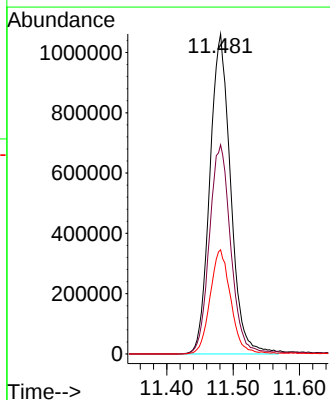
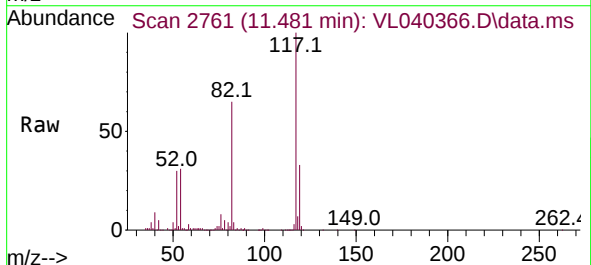
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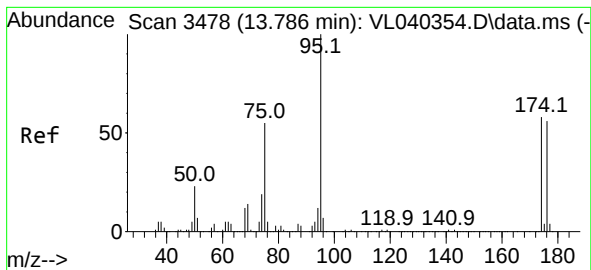
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.007 min
Lab File: VL040366.D
Acq: 13 Apr 2023 19:19

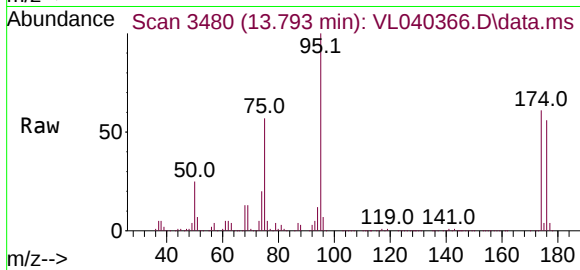
Tgt Ion:117 Resp: 2313188
Ion Ratio Lower Upper
117 100
82 68.1 52.5 78.7
119 32.4 24.3 36.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.809 ppbv
 RT: 13.793 min Scan# 3478
 Delta R.T. 0.007 min
 Lab File: VL040366.D
 Acq: 13 Apr 2023 19:19

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-19-20230412DL



Tgt Ion: 95 Resp: 1876240
 Ion Ratio Lower Upper
 95 100
 174 60.2 47.2 70.8
 175 4.3 3.5 5.3

Manual Integrations
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