

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
 Data File : VL040899.D
 Acq On : 17 Nov 2023 17:47
 Operator : SY/MD
 Sample : 05474-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

Quant Time: Nov 20 04:00:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	886091	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2099419	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	1865033	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1488187	10.192	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%
Target Compounds						
					Qvalue	
9) Propene	2.745	41	6900m	0.145	ppbv	
13) Ethanol	3.292	45	16300m	1.761	ppbv	
15) Acetone	3.510	43	151742	1.608	ppbv	95
19) Isopropyl Alcohol	3.632	45	27015m	0.476	ppbv	
20) Methylene Chloride	3.964	84	345043	8.859	ppbv	94
26) Hexane	5.237	57	187388	2.167	ppbv #	40
34) 2-Butanone	4.832	43	17417m	0.163	ppbv	
61) Styrene	12.905	104	188408	1.980	ppbv	96

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

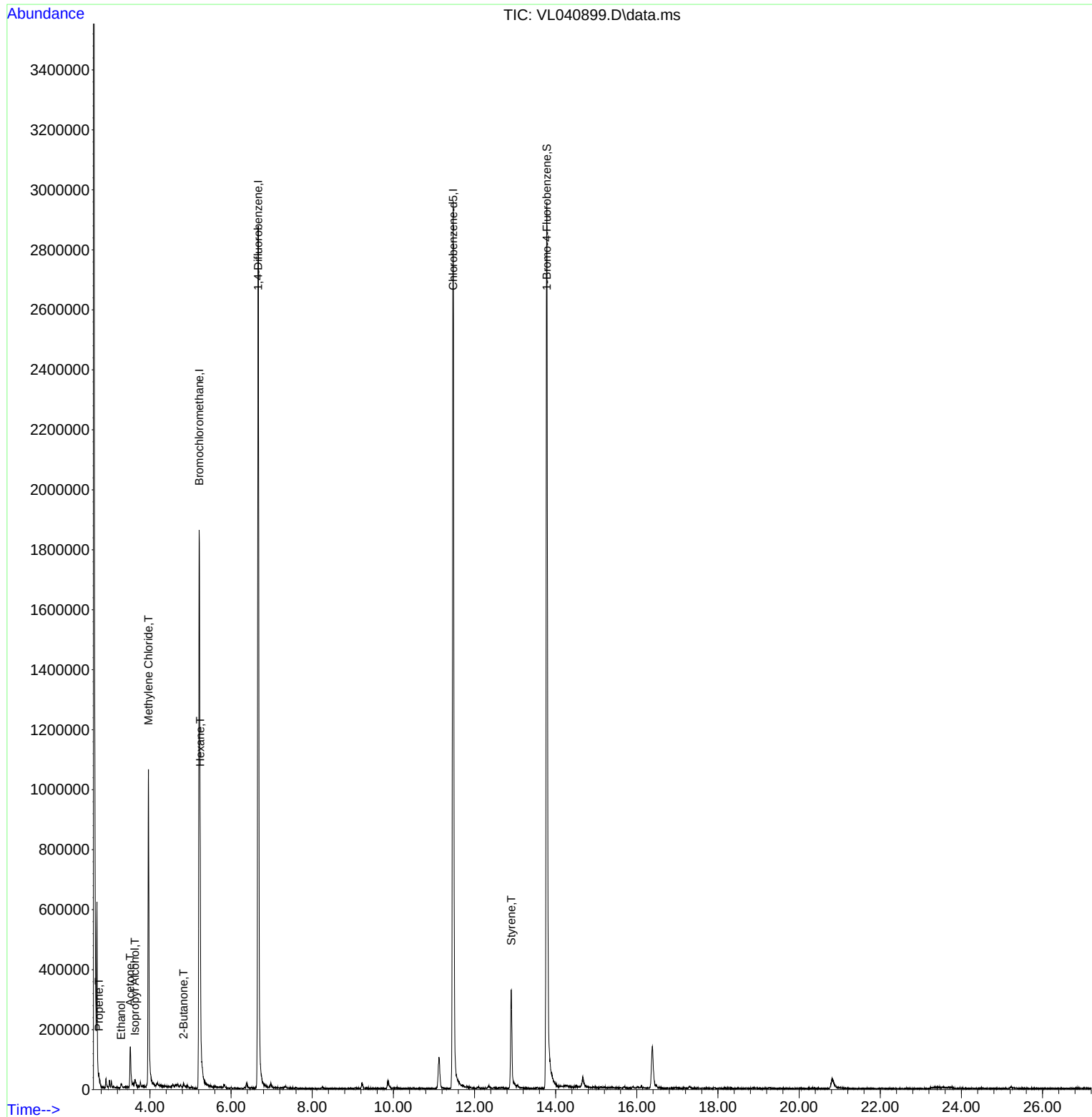
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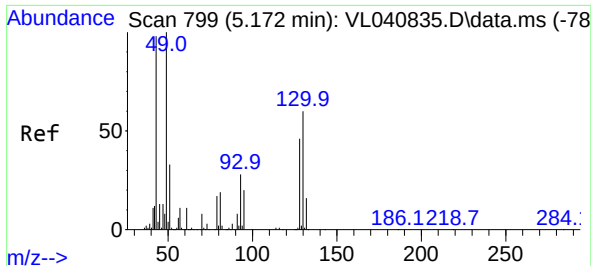
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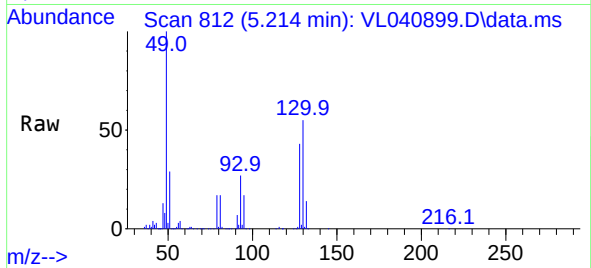
Reviewed By : Semsettin Yesilyurt 11/20/2023
Supervised By : Mahesh Dadoda 11/21/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040899.D
Acq: 17 Nov 2023 17:47

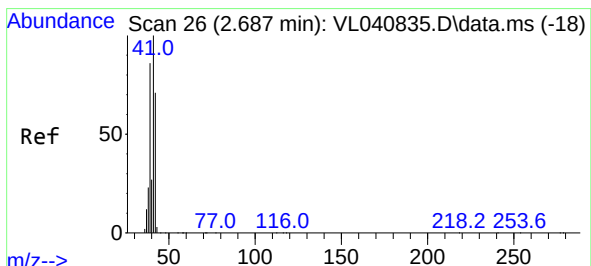
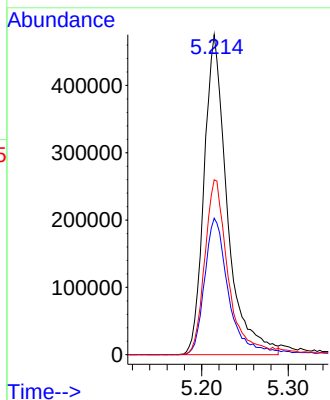
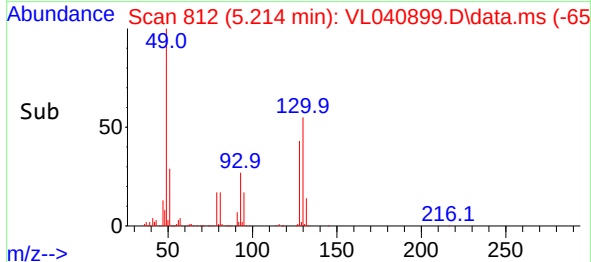
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



Tgt Ion: 49 Resp: 88609
Ion Ratio Lower Upper
49 100
128 45.1 23.8 71.2
130 58.3 30.9 92.8

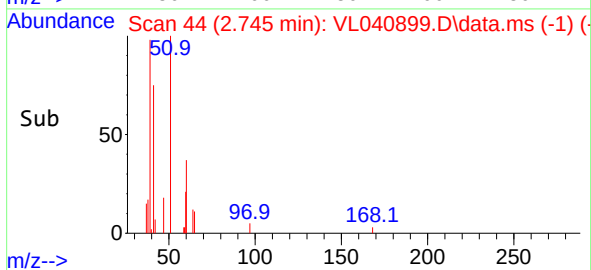
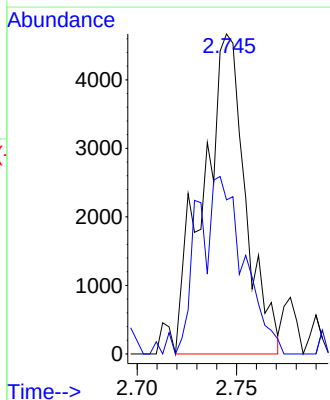
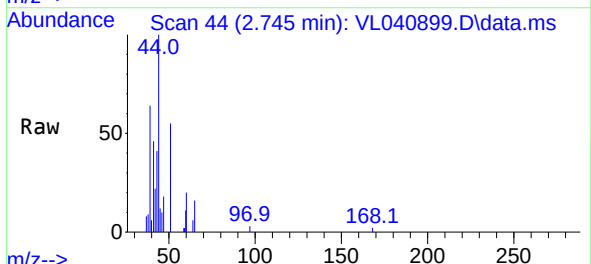
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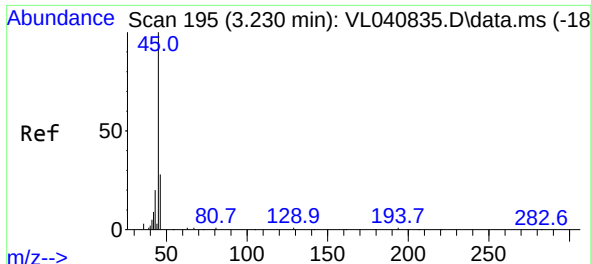
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#9
Propene
Concen: 0.145 ppbv m
RT: 2.745 min Scan# 44
Delta R.T. 0.006 min
Lab File: VL040899.D
Acq: 17 Nov 2023 17:47

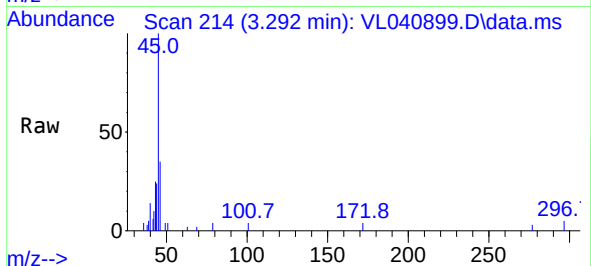
Tgt Ion: 41 Resp: 6900
Ion Ratio Lower Upper
41 100
42 61.2 56.5 84.7





#13
Ethanol
Concen: 1.761 ppbv m
RT: 3.292 min Scan# 214
Delta R.T. 0.013 min
Lab File: VL040899.D
Acq: 17 Nov 2023 17:47

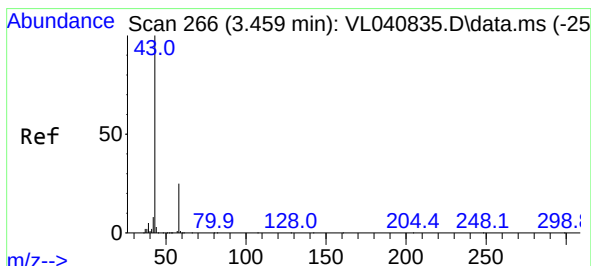
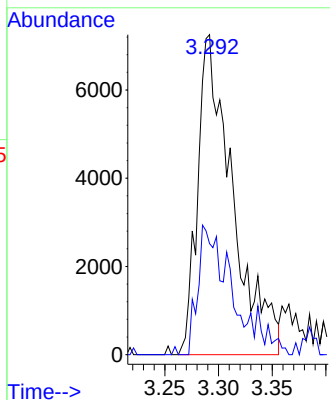
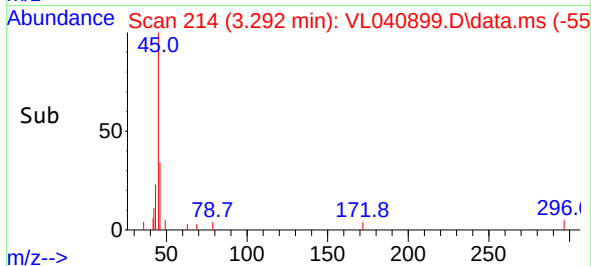
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



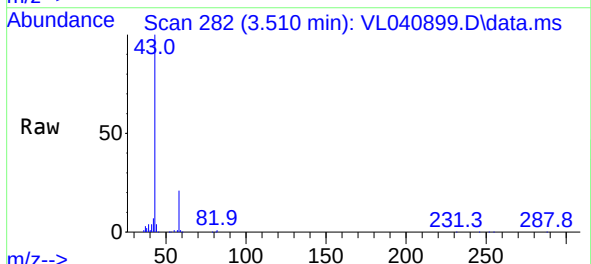
Tgt Ion: 45 Resp: 16300
Ion Ratio Lower Upper
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46 40.3 0.0 0.0

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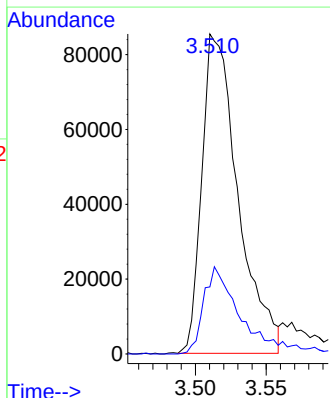
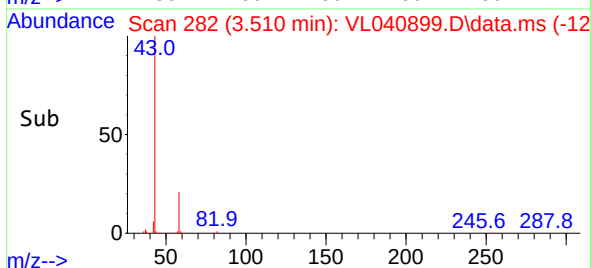
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Supervised By :Mahesh Dadoda 11/21/2023

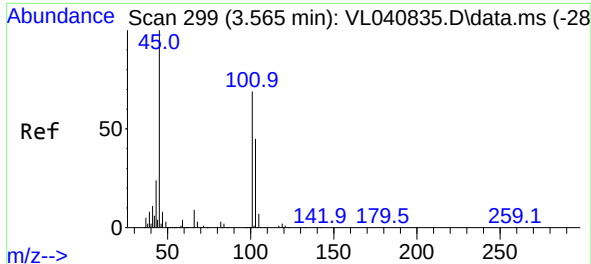


#15
Acetone
Concen: 1.608 ppbv
RT: 3.510 min Scan# 282
Delta R.T. 0.010 min
Lab File: VL040899.D
Acq: 17 Nov 2023 17:47



Tgt Ion: 43 Resp: 151742
Ion Ratio Lower Upper
43 100
58 28.7 20.9 31.3





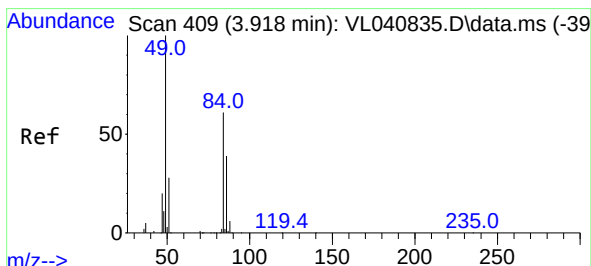
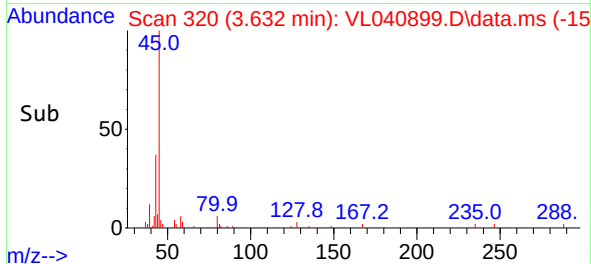
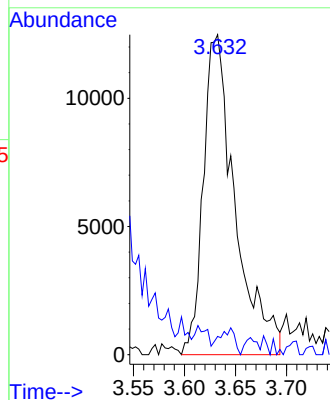
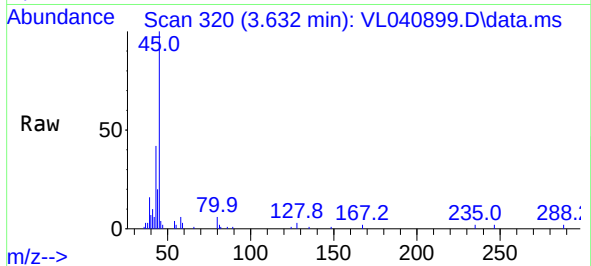
#19
Isopropyl Alcohol
Concen: 0.476 ppbv m
RT: 3.632 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL040899.D
Acq: 17 Nov 2023 17:47

Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

Tgt Ion: 45 Resp: 2701
Ion Ratio Lower Upper
45 100
58 8.1 1.6 2.4

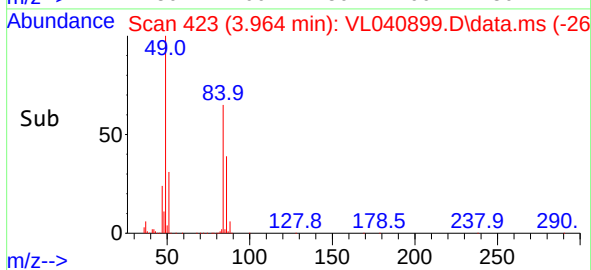
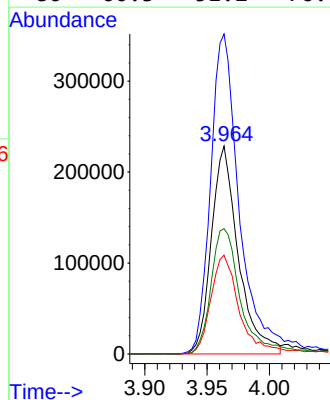
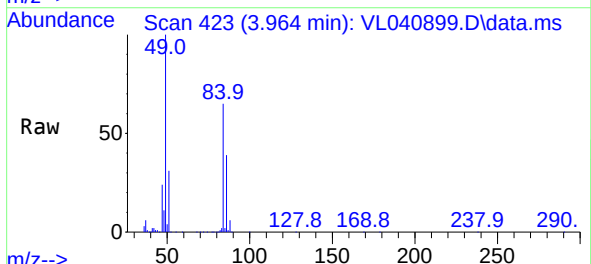
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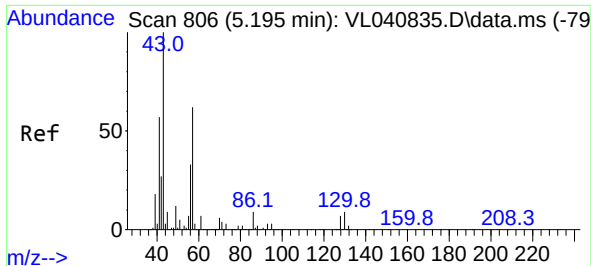
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#20
Methylene Chloride
Concen: 8.859 ppbv
RT: 3.964 min Scan# 423
Delta R.T. -0.000 min
Lab File: VL040899.D
Acq: 17 Nov 2023 17:47

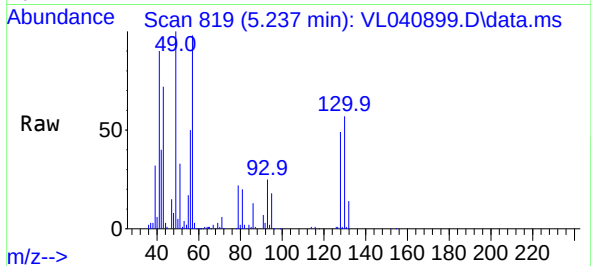
Tgt Ion: 84 Resp: 345043
Ion Ratio Lower Upper
84 100
49 153.9 131.0 196.4
51 47.4 36.9 55.3
86 60.3 51.2 76.8





#26
Hexane
Concen: 2.167 ppbv
RT: 5.237 min Scan# 819
Delta R.T. 0.006 min
Lab File: VL040899.D
Acq: 17 Nov 2023 17:47

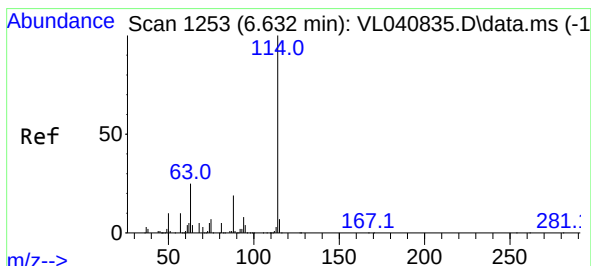
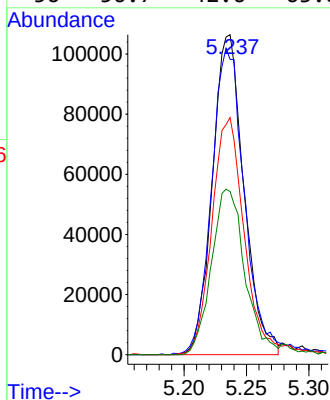
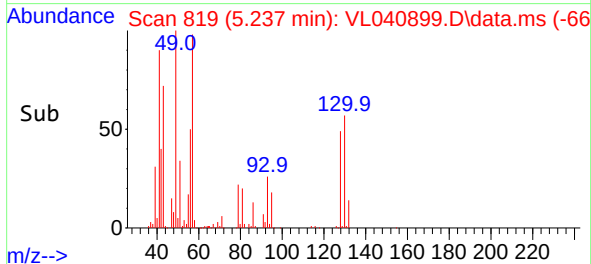
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



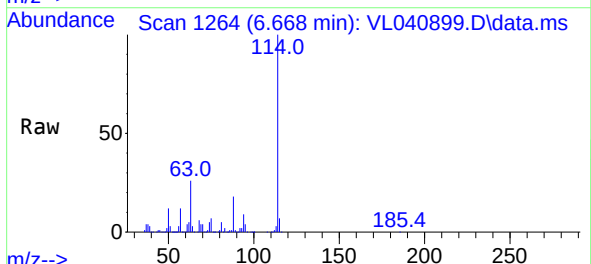
Tgt Ion: 57 Resp: 187388
Ion Ratio Lower Upper
57 100
41 102.9 75.4 113.0
43 78.0 185.9 278.9
56 56.7 42.6 63.8

Manual Integrations
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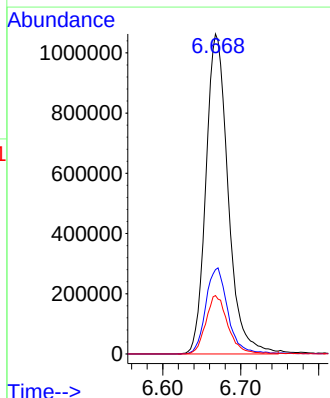
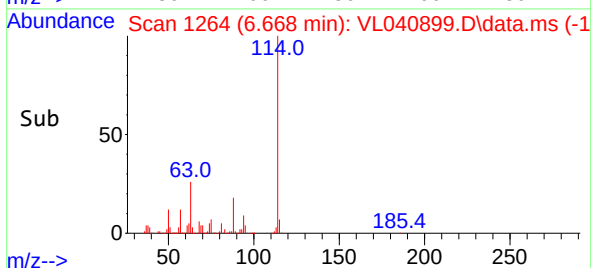
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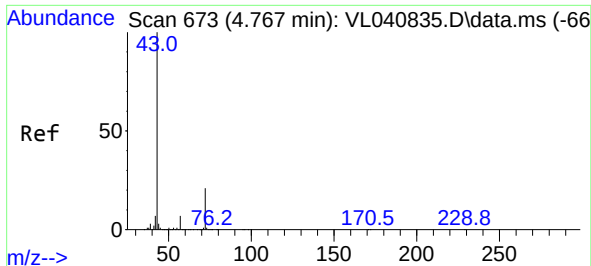


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VL040899.D
Acq: 17 Nov 2023 17:47



Tgt Ion:114 Resp: 2099419
Ion Ratio Lower Upper
114 100
63 27.3 20.9 31.3
88 18.4 14.3 21.5





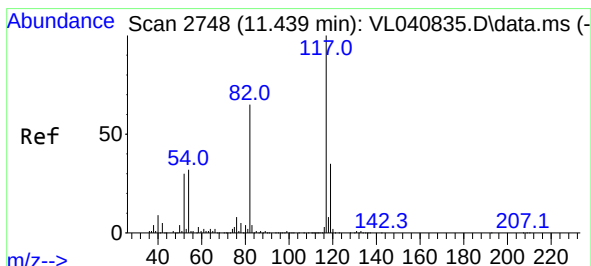
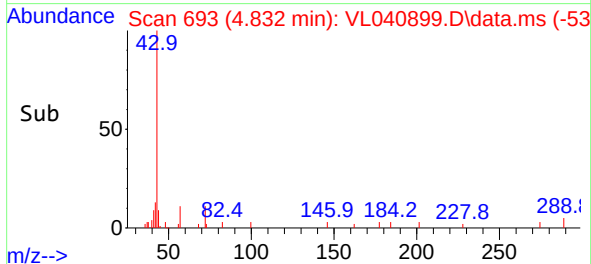
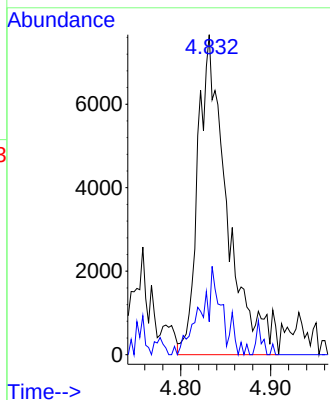
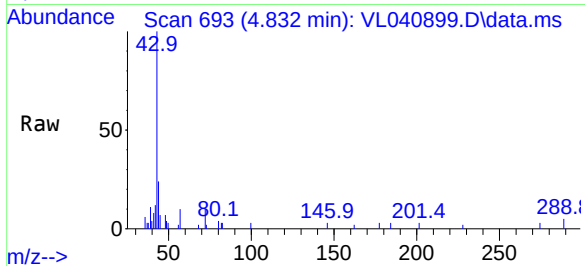
#34
2-Butanone
Concen: 0.163 ppbv m
RT: 4.832 min Scan# 61
Delta R.T. 0.026 min
Lab File: VL040899.D
Acq: 17 Nov 2023 17:47

Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

Tgt Ion: 43 Resp: 1741
Ion Ratio Lower Upper
43 100
72 5.6 17.2 25.8

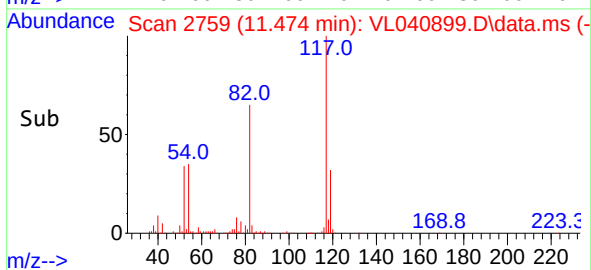
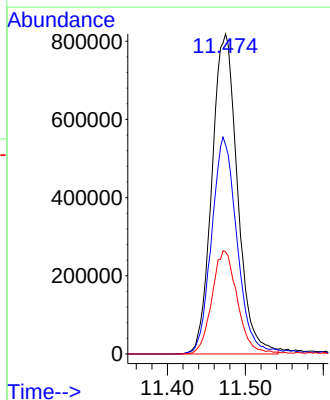
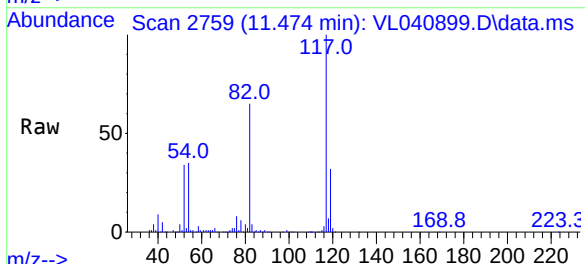
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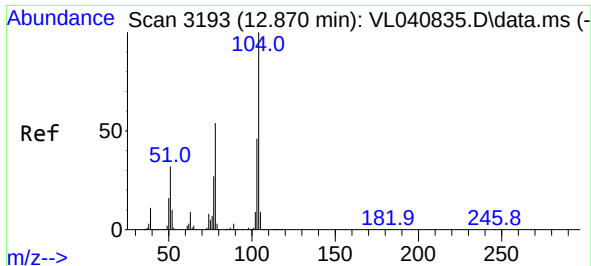
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. 0.013 min
Lab File: VL040899.D
Acq: 17 Nov 2023 17:47

Tgt Ion:117 Resp: 1865033
Ion Ratio Lower Upper
117 100
82 68.3 50.6 75.8
119 32.2 23.3 34.9





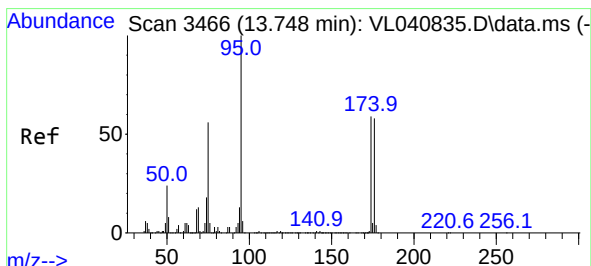
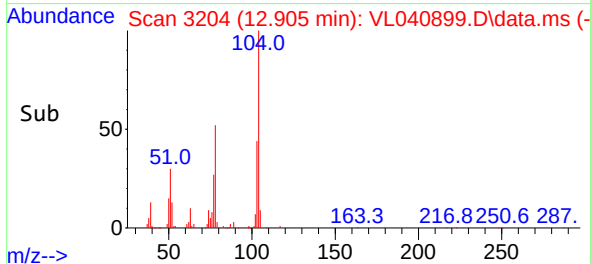
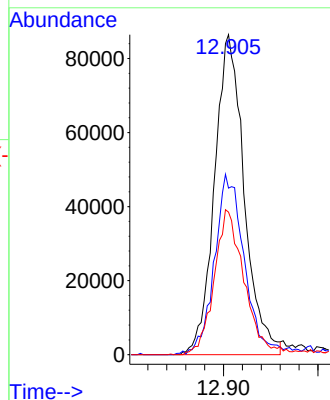
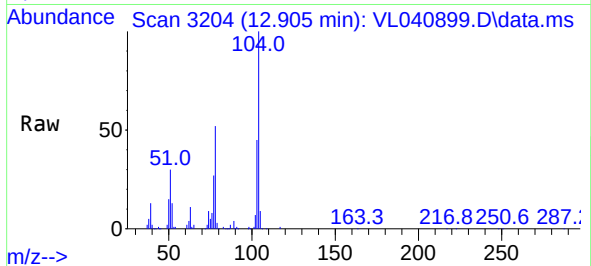
#61
Styrene
Concen: 1.980 ppbv
RT: 12.905 min Scan# 3193
Delta R.T. 0.013 min
Lab File: VL040899.D
Acq: 17 Nov 2023 17:47

Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

Tgt Ion:104 Resp: 188408
Ion Ratio Lower Upper
104 100
78 59.2 43.3 64.9
103 46.7 37.6 56.4

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.192 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.013 min
Lab File: VL040899.D
Acq: 17 Nov 2023 17:47

Tgt Ion: 95 Resp: 1488187
Ion Ratio Lower Upper
95 100
174 60.8 47.5 71.3
175 4.2 3.6 5.4

