

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051223\
 Data File : VL040426.D
 Acq On : 12 May 2023 20:11
 Operator : SY/MD
 Sample : 02785-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023

Quant Time: May 15 00:48:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 11 2023
 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	5.179	49	1140082	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.645	114	3012106	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2672181	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2023308	9.156	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.600%
Target Compounds						Qvalue
9) Propene	2.677	41	75050	1.275	ppbv	100
13) Ethanol	3.237	45	13679m	2.784	ppbv	
15) Acetone	3.459	43	370294	2.293	ppbv	93
19) Isopropyl Alcohol	3.574	45	14226m	0.193	ppbv	
20) Methylene Chloride	3.919	84	33392	0.518	ppbv	95
23) Vinyl Acetate	4.623	43	38845m	0.945	ppbv	
26) Hexane	5.198	57	53418m	0.466	ppbv	
29) Chloroform	5.263	83	57834	0.283	ppbv	99
34) 2-Butanone	4.783	43	108346	0.667	ppbv	95
52) Tetrachloroethene	10.616	164	4800m	0.062	ppbv	

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

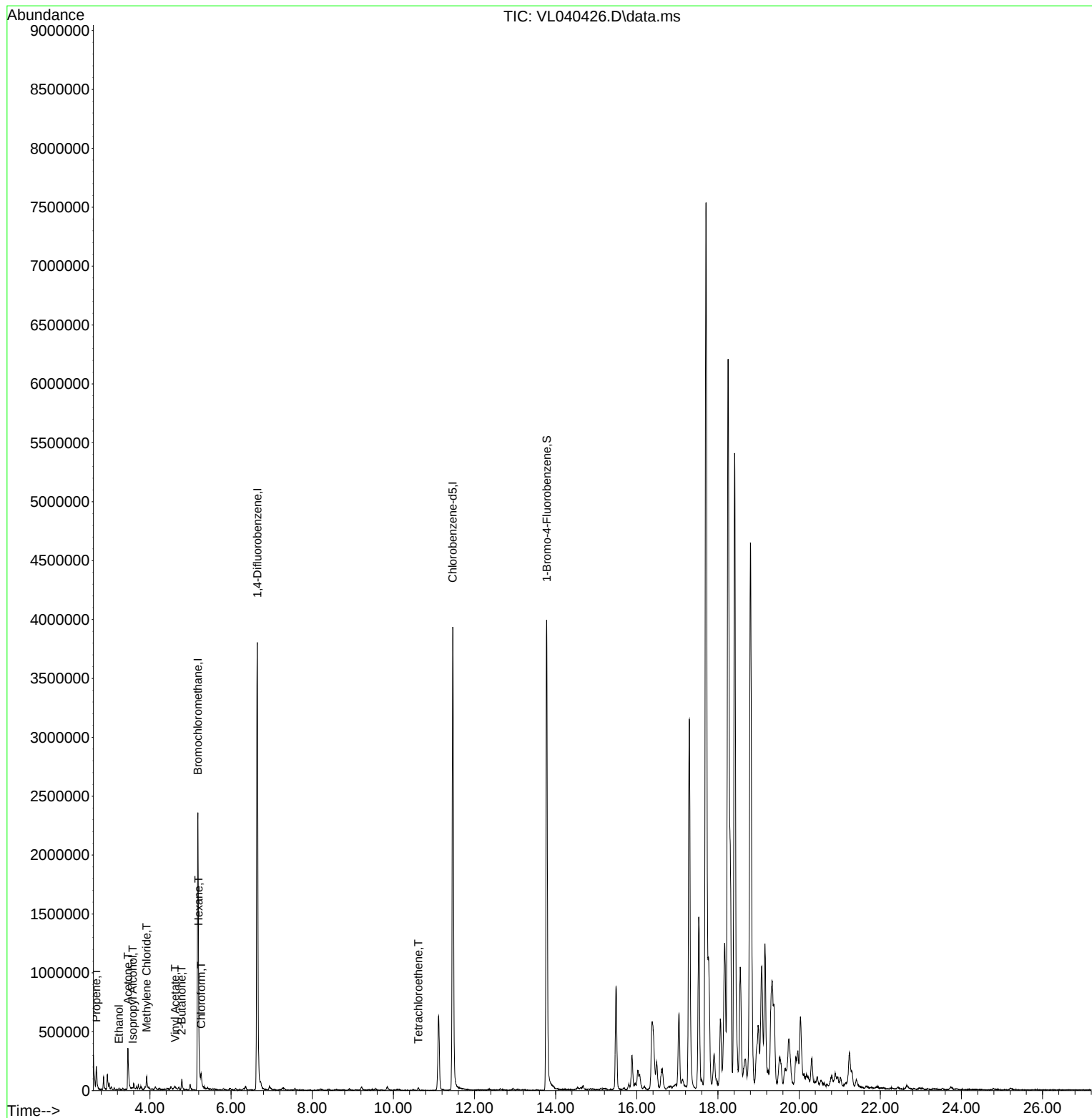
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051223\
Data File : VL040426.D
Acq On : 12 May 2023 20:11
Operator : SY/MD
Sample : 02785-01DL 20X
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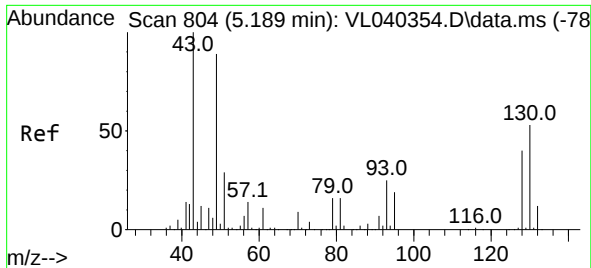
Instrument :
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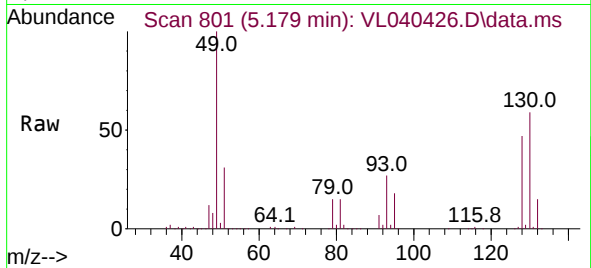
Quant Time: May 15 00:48:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 804
Delta R.T. -0.010 min
Lab File: VL040426.D
Acq: 12 May 2023 20:11

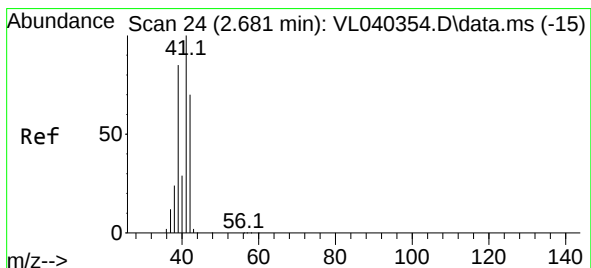
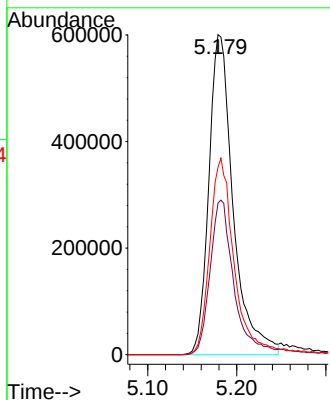
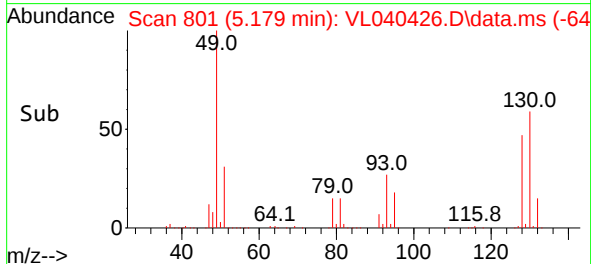
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 114008
Ion Ratio Lower Upper
49 100
128 49.5 23.7 71.1
130 63.9 29.9 89.8

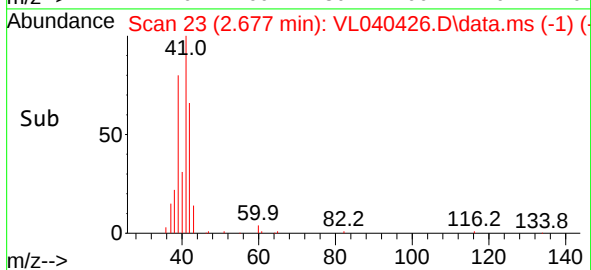
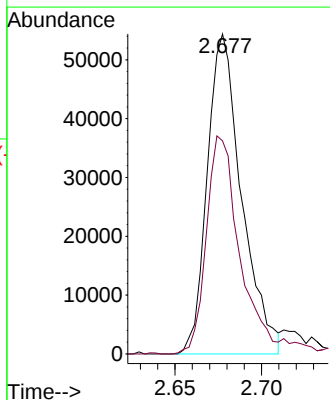
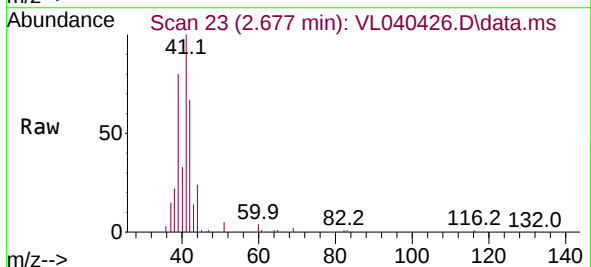
Manual Integrations
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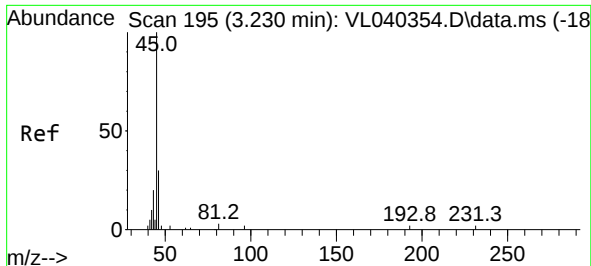
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#9
Propene
Concen: 1.275 ppbv
RT: 2.677 min Scan# 23
Delta R.T. -0.004 min
Lab File: VL040426.D
Acq: 12 May 2023 20:11

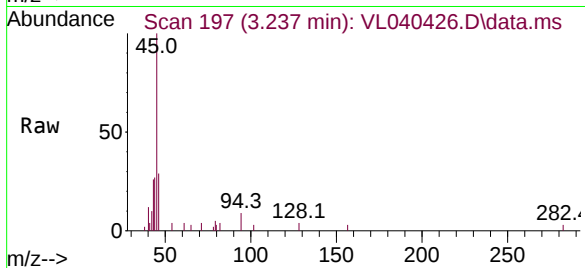
Tgt Ion: 41 Resp: 75050
Ion Ratio Lower Upper
41 100
42 70.4 56.5 84.7





#13
Ethanol
Concen: 2.784 ppbv m
RT: 3.237 min Scan# 195
Delta R.T. 0.007 min
Lab File: VL040426.D
Acq: 12 May 2023 20:11

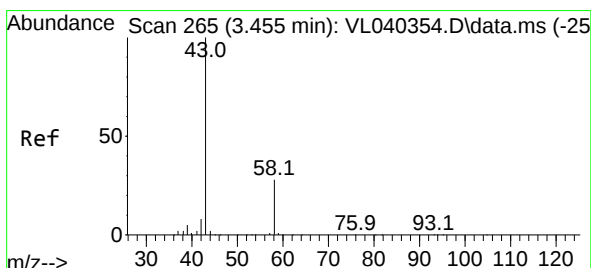
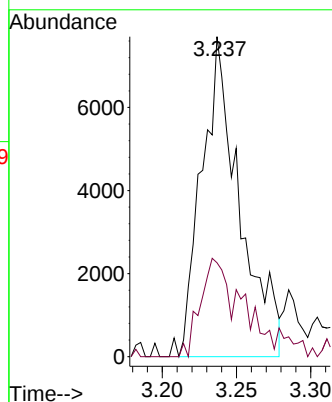
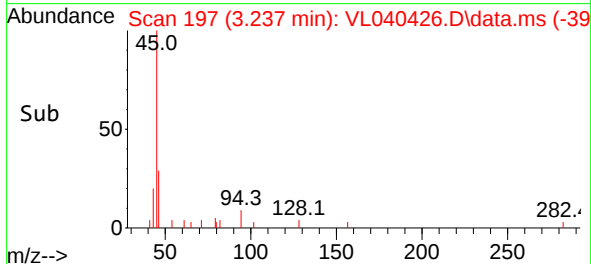
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 45 Resp: 13679
Ion Ratio Lower Upper
45 100
46 39.1 15.3 61.3

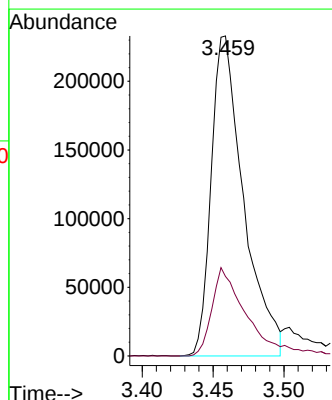
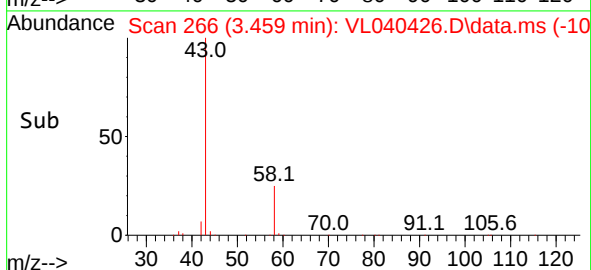
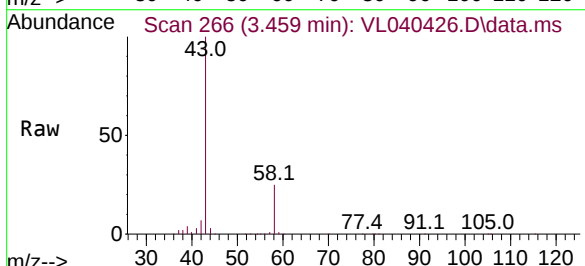
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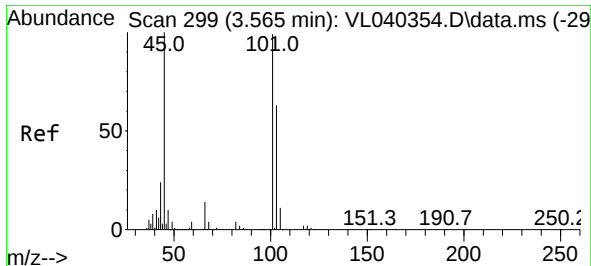
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#15
Acetone
Concen: 2.293 ppbv
RT: 3.459 min Scan# 266
Delta R.T. 0.004 min
Lab File: VL040426.D
Acq: 12 May 2023 20:11

Tgt Ion: 43 Resp: 370294
Ion Ratio Lower Upper
43 100
58 31.6 22.2 33.2





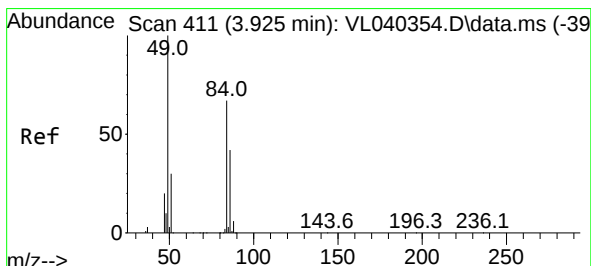
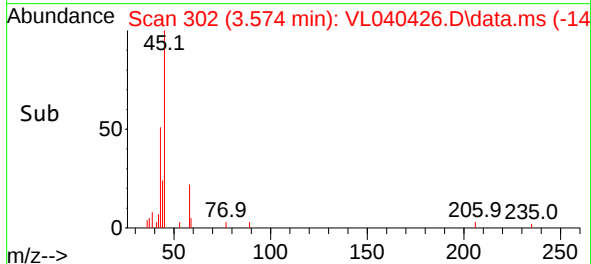
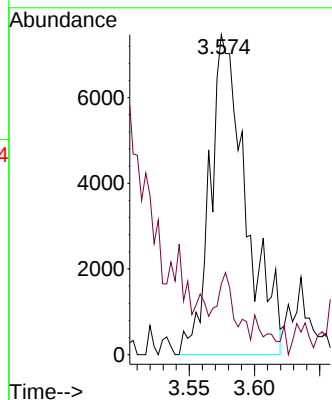
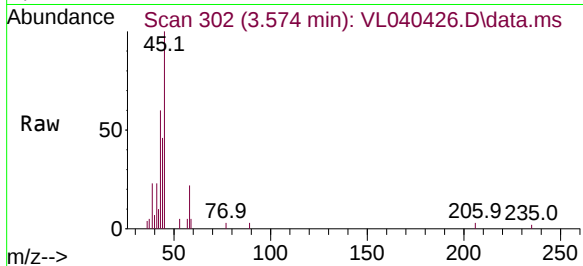
#19
Isopropyl Alcohol
Concen: 0.193 ppbv m
RT: 3.574 min Scan# 301
Delta R.T. 0.009 min
Lab File: VL040426.D
Acq: 12 May 2023 20:11

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 45 Resp: 14220
Ion Ratio Lower Upper
45 100
58 0.0 2.6 4.0

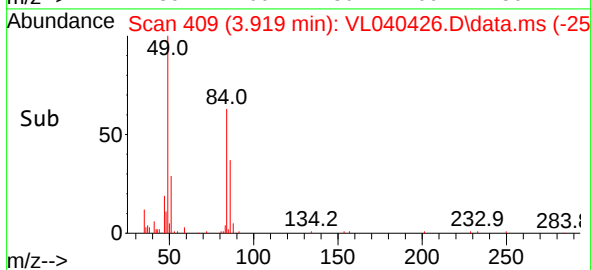
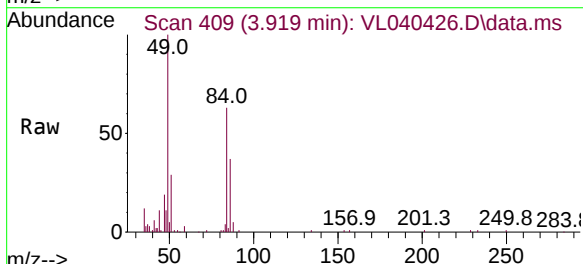
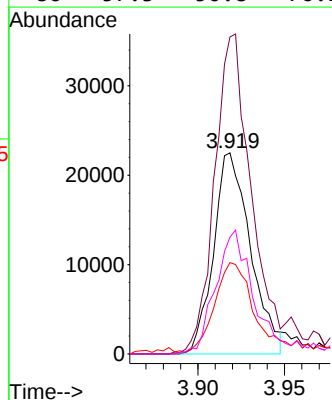
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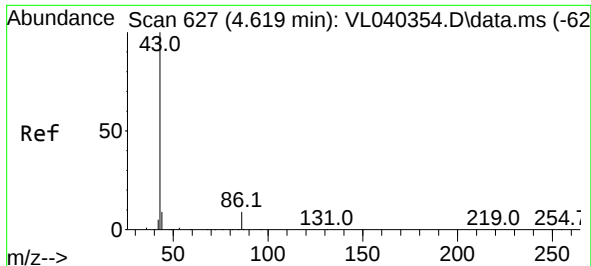
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#20
Methylene Chloride
Concen: 0.518 ppbv
RT: 3.919 min Scan# 409
Delta R.T. -0.006 min
Lab File: VL040426.D
Acq: 12 May 2023 20:11

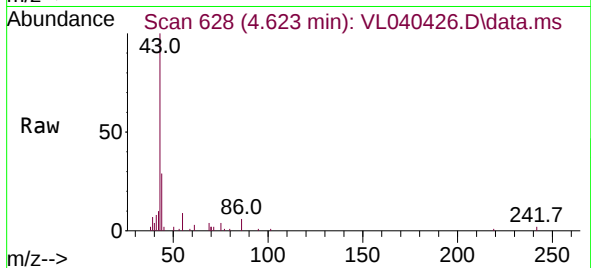
Tgt Ion: 84 Resp: 33392
Ion Ratio Lower Upper
84 100
49 155.1 120.1 180.1
51 43.8 36.3 54.5
86 57.3 50.8 76.2





#23
Vinyl Acetate
Concen: 0.945 ppbv m
RT: 4.623 min Scan# 61
Delta R.T. 0.004 min
Lab File: VL040426.D
Acq: 12 May 2023 20:11

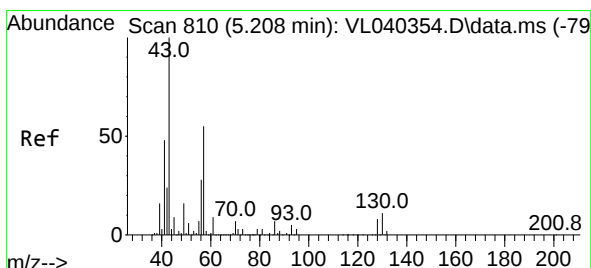
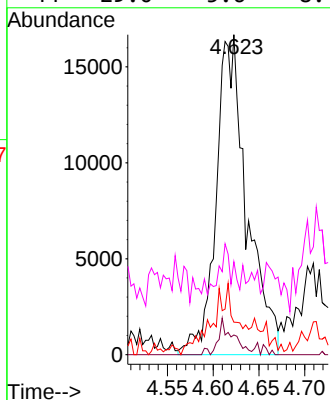
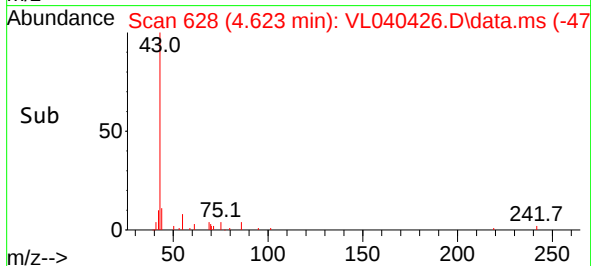
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 3884
Ion Ratio Lower Upper
43 100
86 6.2 6.0 9.0
42 10.1 6.4 9.6
44 29.0 5.6 8.4#

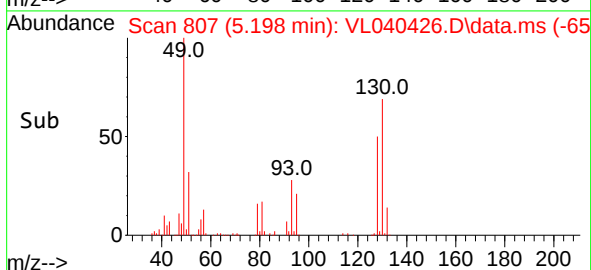
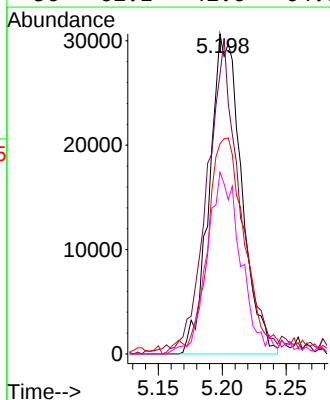
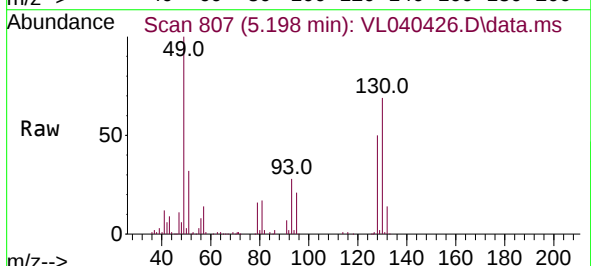
Manual Integrations
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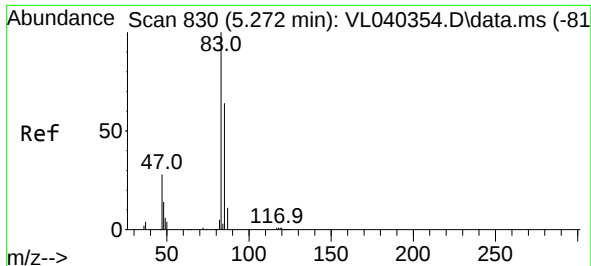
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#26
Hexane
Concen: 0.466 ppbv m
RT: 5.198 min Scan# 807
Delta R.T. -0.010 min
Lab File: VL040426.D
Acq: 12 May 2023 20:11

Tgt Ion: 57 Resp: 53418
Ion Ratio Lower Upper
57 100
41 0.0 74.8 112.2#
43 0.0 192.7 289.1#
56 62.1 42.6 64.0





#29

Chloroform

Concen: 0.283 ppbv

RT: 5.263 min Scan# 81

Delta R.T. -0.009 min

Lab File: VL040426.D

Acq: 12 May 2023 20:11

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tgt Ion: 83 Resp: 57834

Ion Ratio Lower Upper

83 100

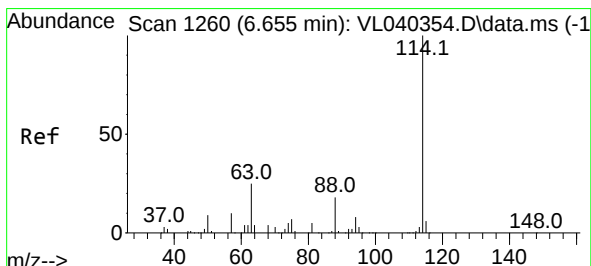
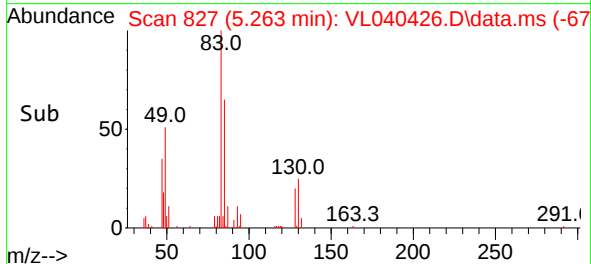
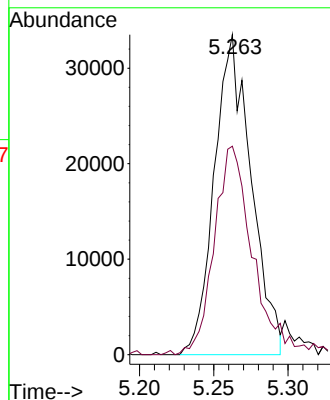
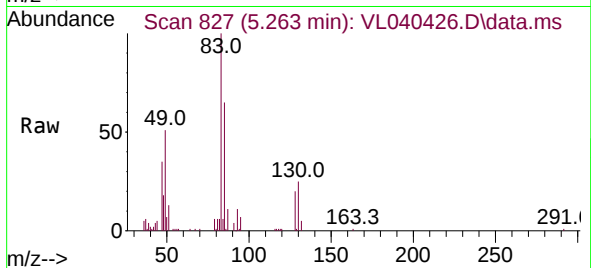
85 64.6 51.0 76.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.010 min

Lab File: VL040426.D

Acq: 12 May 2023 20:11

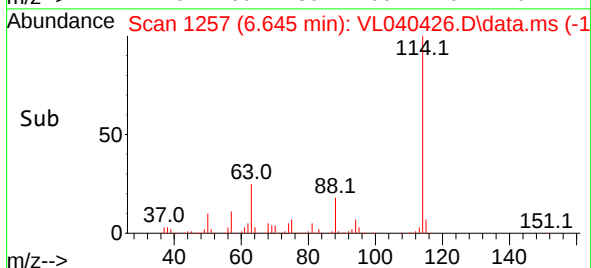
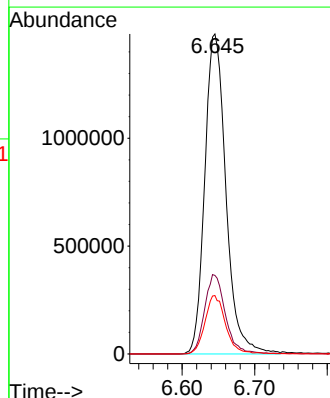
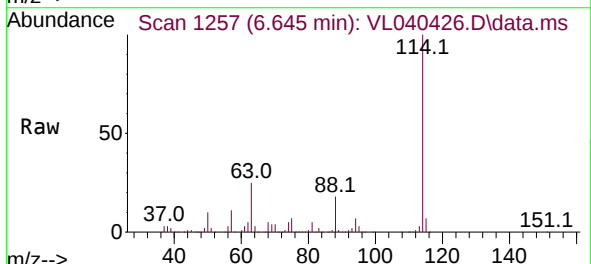
Tgt Ion:114 Resp: 3012106

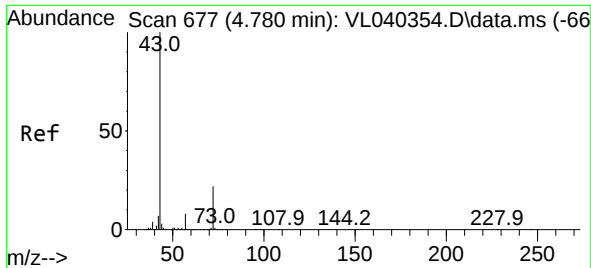
Ion Ratio Lower Upper

114 100

63 24.6 21.4 32.0

88 18.0 14.6 22.0





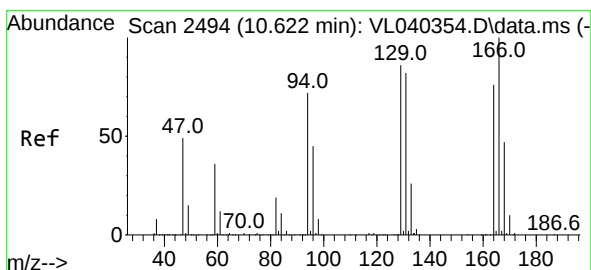
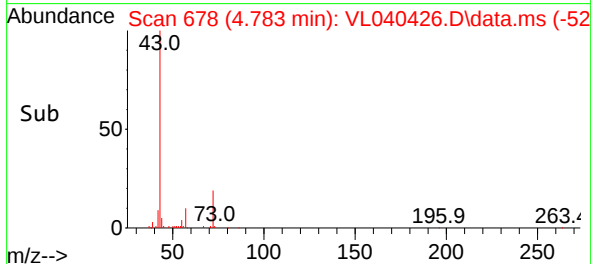
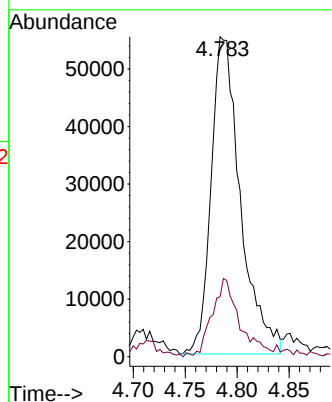
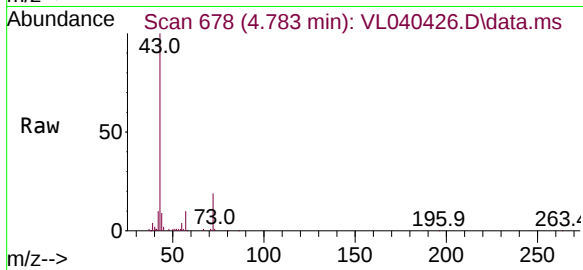
#34
2-Butanone
Concen: 0.667 ppbv
RT: 4.783 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL040426.D
Acq: 12 May 2023 20:11

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 108340
Ion Ratio Lower Upper
43 100
72 25.7 18.4 27.6

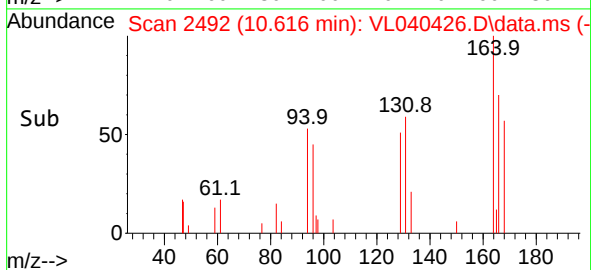
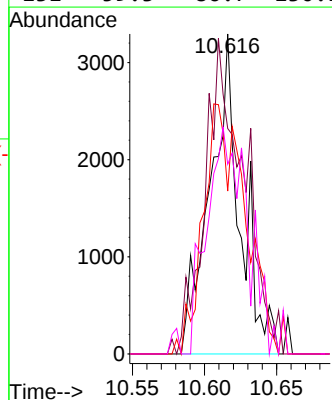
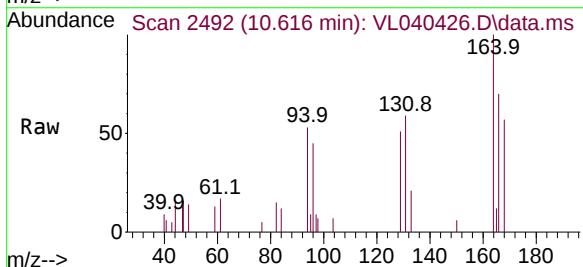
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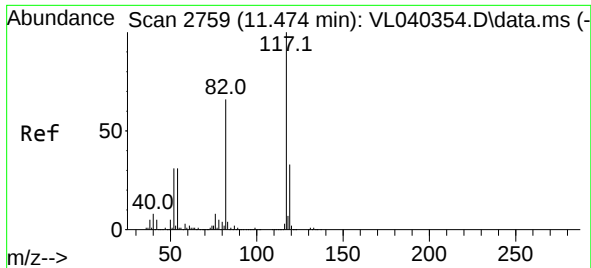
Reviewed By :Semsettin Yesilyurt 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#52
Tetrachloroethene
Concen: 0.062 ppbv m
RT: 10.616 min Scan# 2492
Delta R.T. -0.006 min
Lab File: VL040426.D
Acq: 12 May 2023 20:11

Tgt Ion:164 Resp: 4800
Ion Ratio Lower Upper
164 100
166 70.4 105.2 157.8#
129 50.9 90.3 135.5#
131 59.3 86.7 130.1#





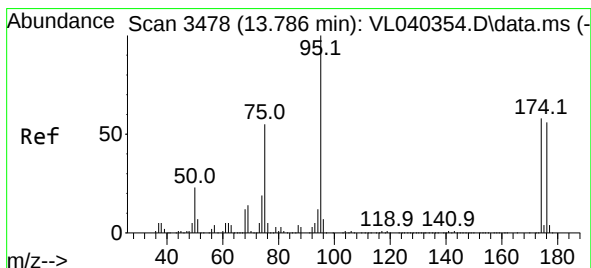
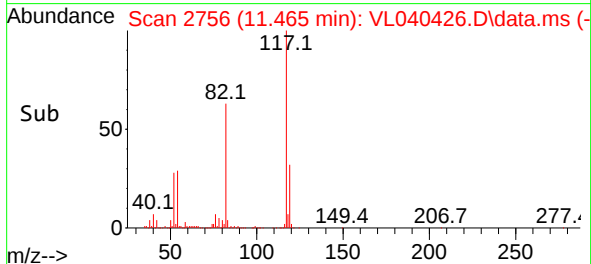
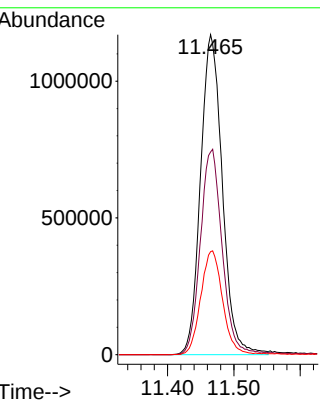
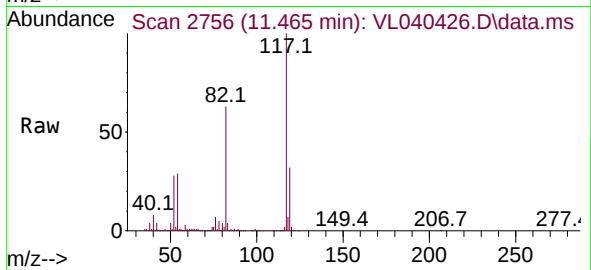
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.009 min
Lab File: VL040426.D
Acq: 12 May 2023 20:11

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:117 Resp: 267218
Ion Ratio Lower Upper
117 100
82 65.0 52.5 78.7
119 32.9 24.3 36.5

Manual Integrations
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Supervised By :Mahesh Dadoda 05/16/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.156 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.006 min
Lab File: VL040426.D
Acq: 12 May 2023 20:11

Tgt Ion: 95 Resp: 2023308
Ion Ratio Lower Upper
95 100
174 63.0 47.2 70.8
175 4.4 3.5 5.3

