

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040345.D
 Acq On : 12 Apr 2023 19:10
 Operator : SY/MD
 Sample : 02311-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 05:40:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Tue Apr 11 04:15:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1146915	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	3008705	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2744053	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2132747	9.281	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.800%
Target Compounds						
9) Propene	2.693	41	109394m	1.980	ppbv	Qvalue
10) Heptane	7.590	43	243566	1.833	ppbv	96
13) Ethanol	3.256	45	7939m	1.959	ppbv	
20) Methylene Chloride	3.931	84	20036	0.341	ppbv #	87
26) Hexane	5.214	57	374232	3.488	ppbv #	35
52) Tetrachloroethene	10.632	164	5939m	0.086	ppbv	

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

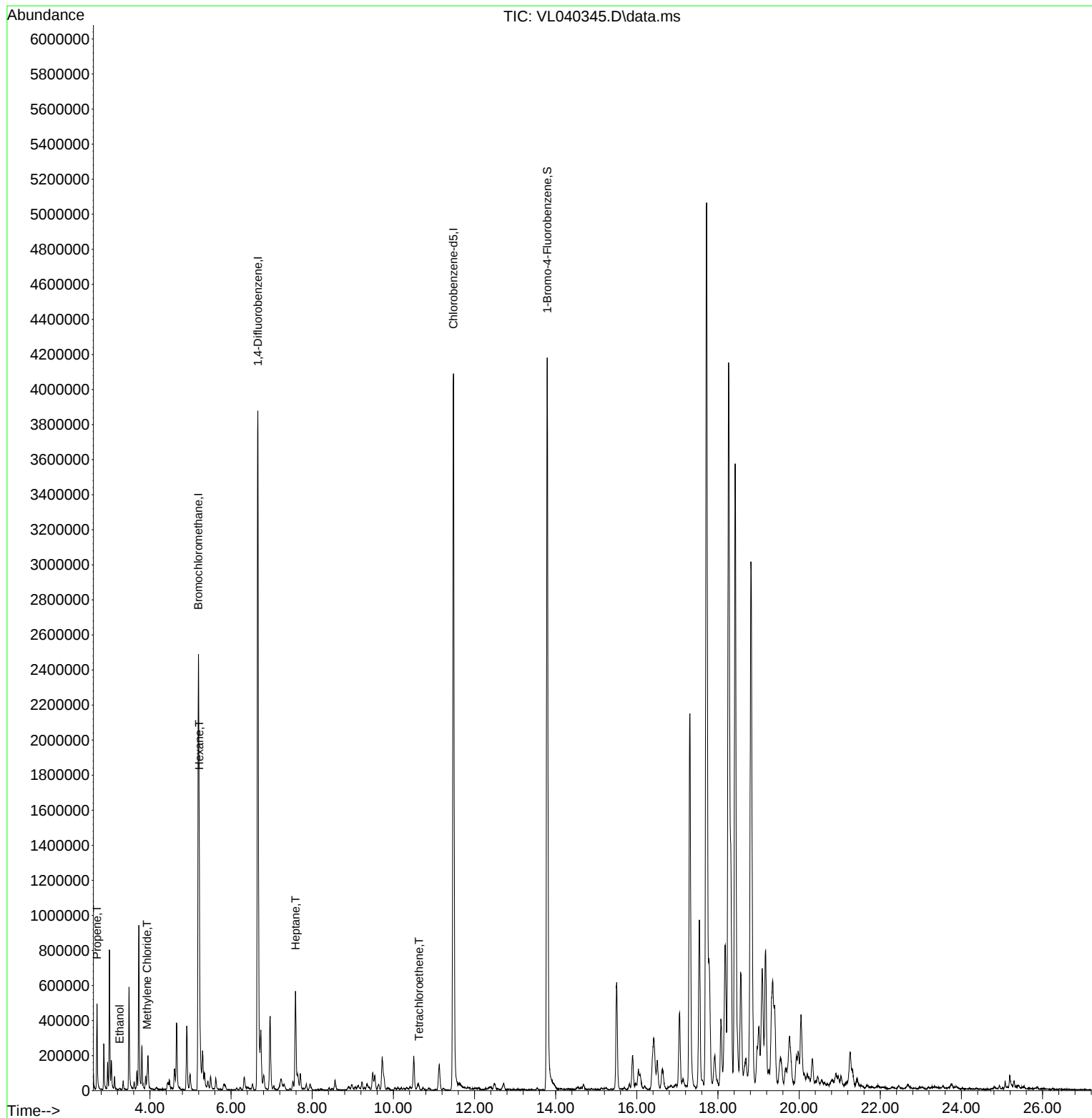
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
Data File : VL040345.D
Acq On : 12 Apr 2023 19:10
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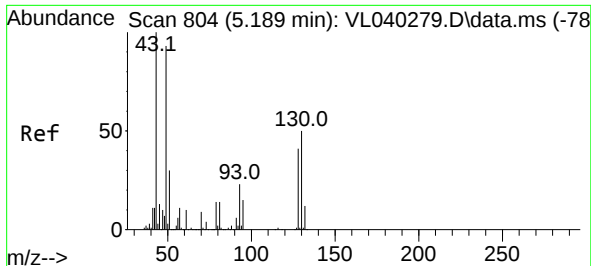
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Quant Time: Apr 13 05:40:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Apr 11 04:15:53 2023
Response via : Initial Calibration

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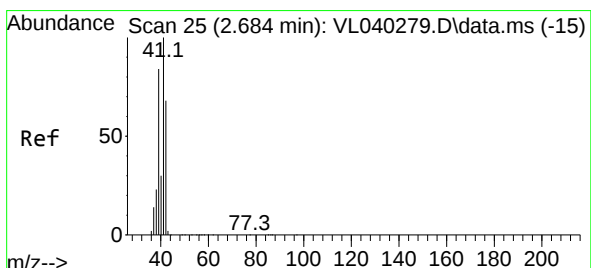
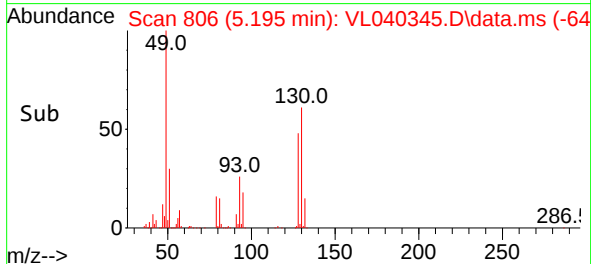
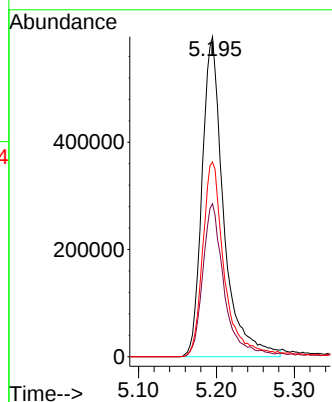
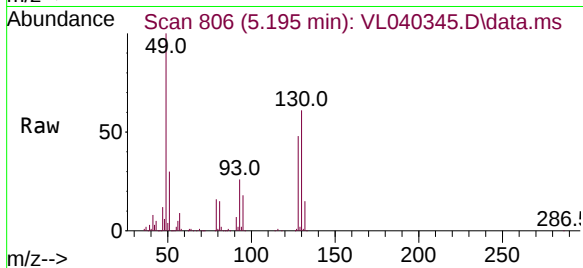
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL040345.D
Acq: 12 Apr 2023 19:10

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 114691
Ion Ratio Lower Upper
49 100
128 48.7 22.4 67.3
130 62.5 28.7 86.1

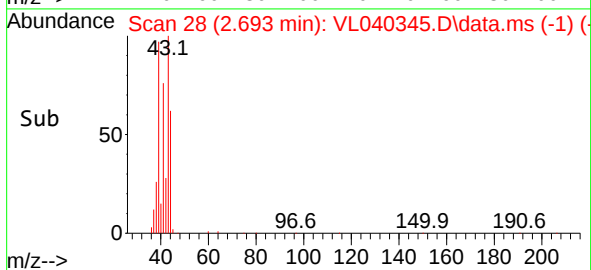
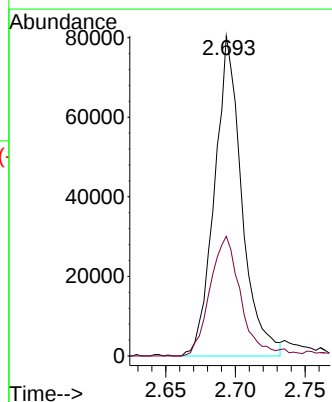
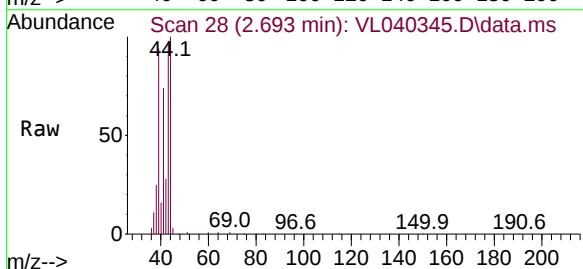
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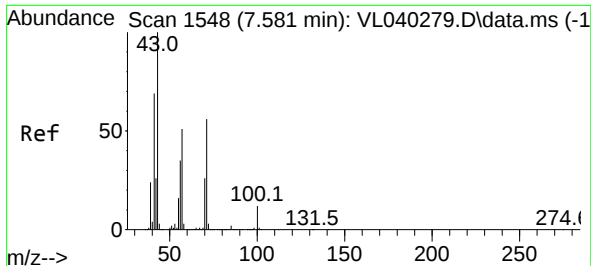
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#9
Propene
Concen: 1.980 ppbv m
RT: 2.693 min Scan# 28
Delta R.T. 0.009 min
Lab File: VL040345.D
Acq: 12 Apr 2023 19:10

Tgt Ion: 41 Resp: 109394
Ion Ratio Lower Upper
41 100
42 46.8 59.0 88.4#





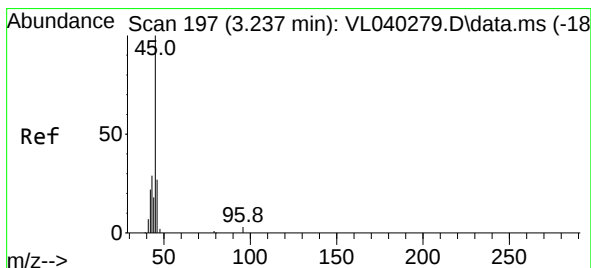
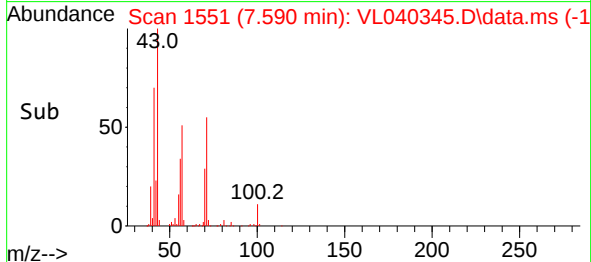
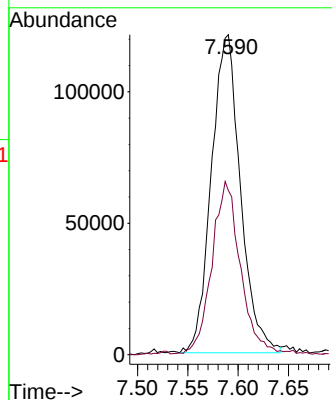
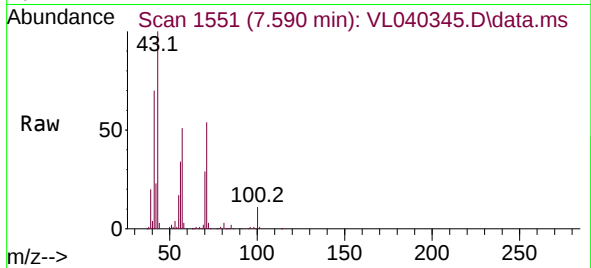
#10
Heptane
Concen: 1.833 ppbv
RT: 7.590 min Scan# 11
Delta R.T. 0.009 min
Lab File: VL040345.D
Acq: 12 Apr 2023 19:10

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 24356
Ion Ratio Lower Upper
43 100
57 54.8 41.7 62.5

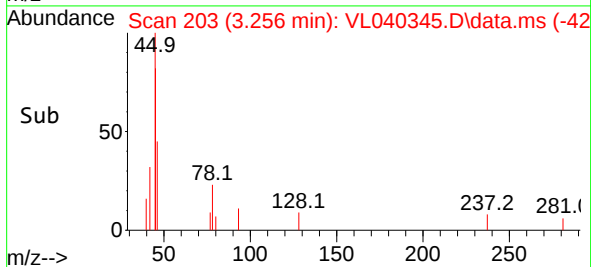
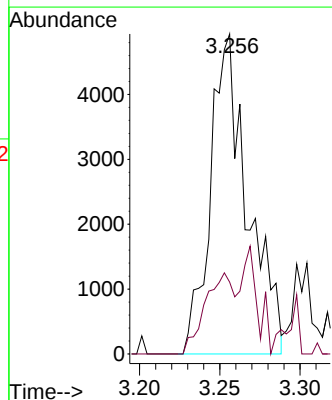
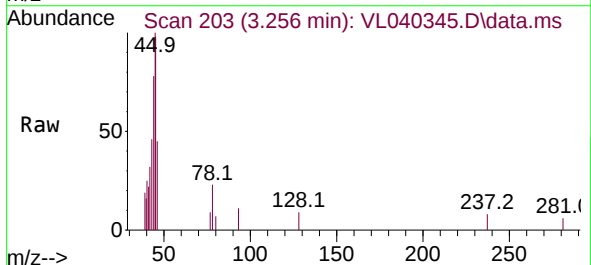
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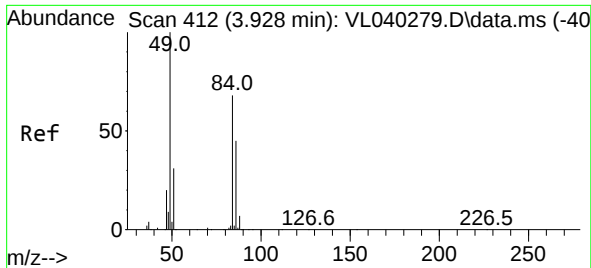
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#13
Ethanol
Concen: 1.959 ppbv m
RT: 3.256 min Scan# 203
Delta R.T. 0.019 min
Lab File: VL040345.D
Acq: 12 Apr 2023 19:10

Tgt Ion: 45 Resp: 7939
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.2#





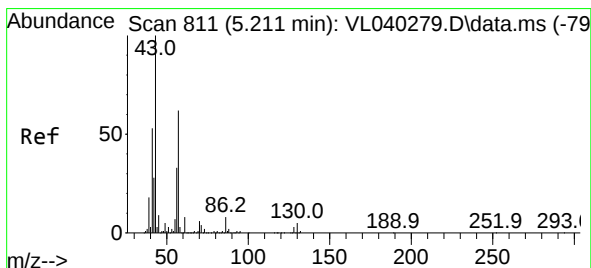
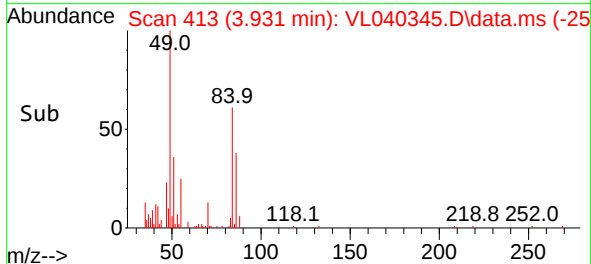
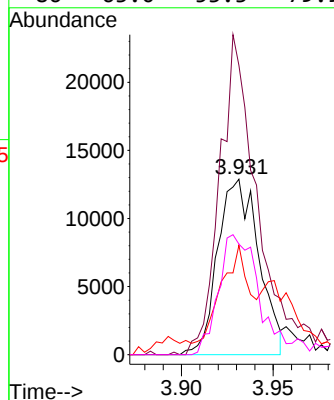
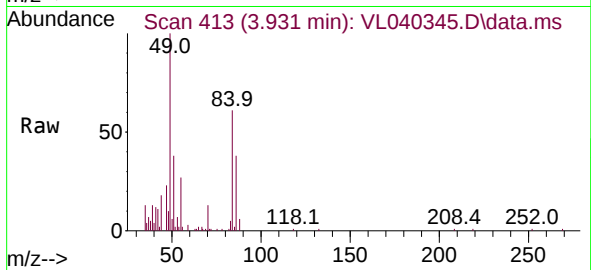
#20
Methylene Chloride
Concen: 0.341 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.003 min
Lab File: VL040345.D
Acq: 12 Apr 2023 19:10

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 84 Resp: 20030
Ion Ratio Lower Upper
84 100
49 164.8 117.5 176.3
51 58.9 36.9 55.3
86 63.0 53.3 79.9

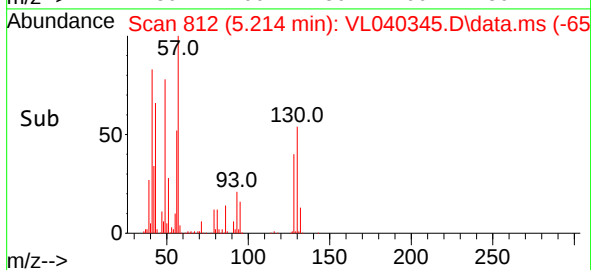
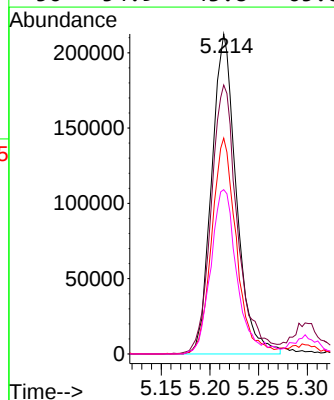
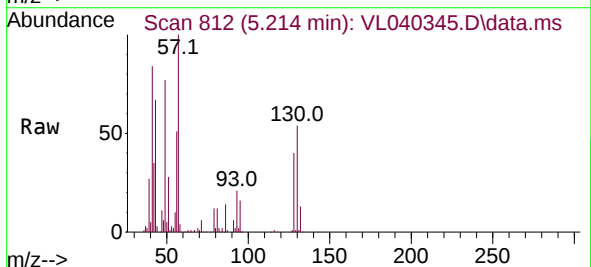
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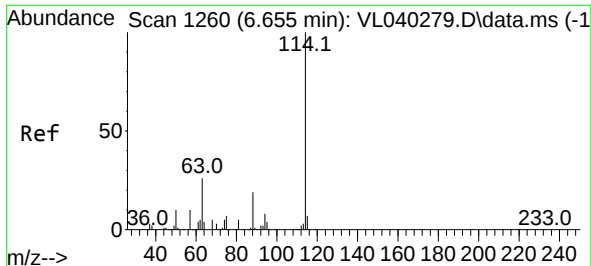
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#26
Hexane
Concen: 3.488 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL040345.D
Acq: 12 Apr 2023 19:10

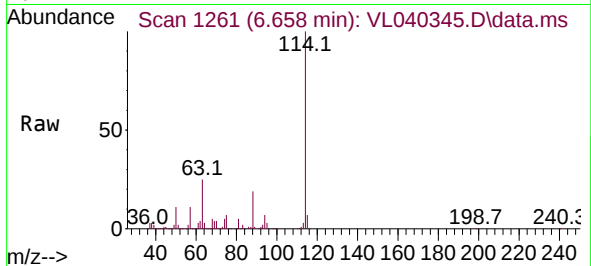
Tgt Ion: 57 Resp: 374232
Ion Ratio Lower Upper
57 100
41 89.6 73.5 110.3
43 66.9 196.3 294.5#
56 54.9 43.8 65.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL040345.D
Acq: 12 Apr 2023 19:10

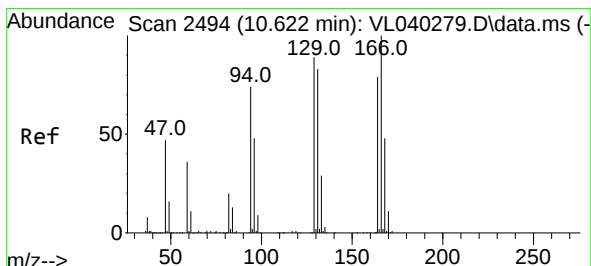
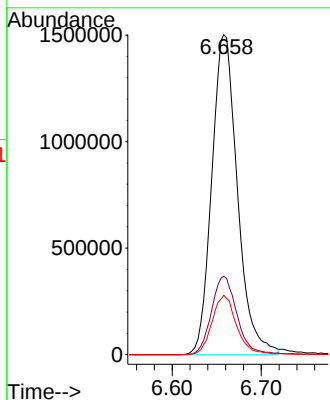
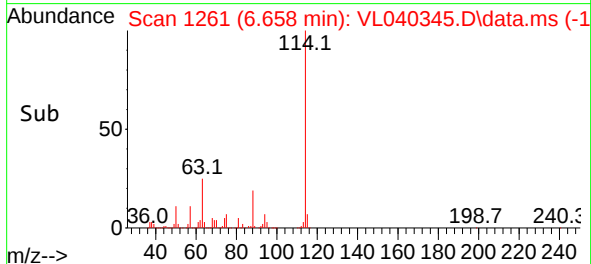
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:114 Resp: 300870
Ion Ratio Lower Upper
114 100
63 24.7 21.2 31.8
88 18.0 14.5 21.7

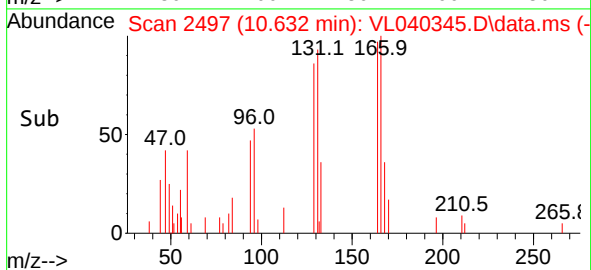
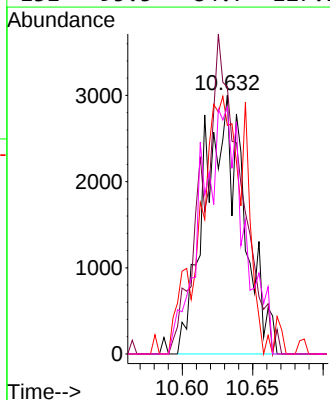
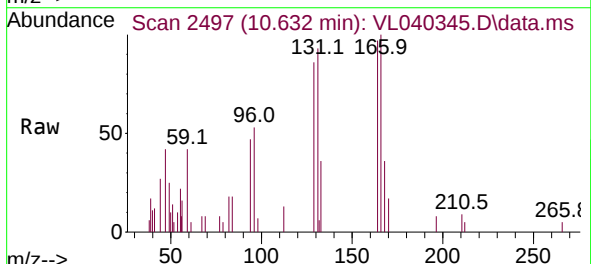
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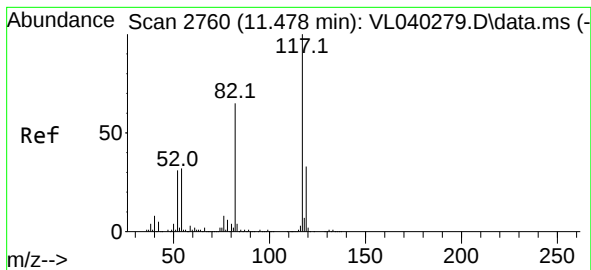
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#52
Tetrachloroethene
Concen: 0.086 ppbv m
RT: 10.632 min Scan# 2497
Delta R.T. 0.010 min
Lab File: VL040345.D
Acq: 12 Apr 2023 19:10

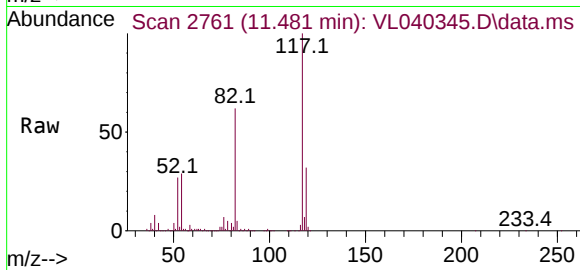
Tgt Ion:164 Resp: 5939
Ion Ratio Lower Upper
164 100
166 103.1 101.8 152.6
129 88.4 90.2 135.2#
131 95.5 84.7 127.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040345.D
Acq: 12 Apr 2023 19:10

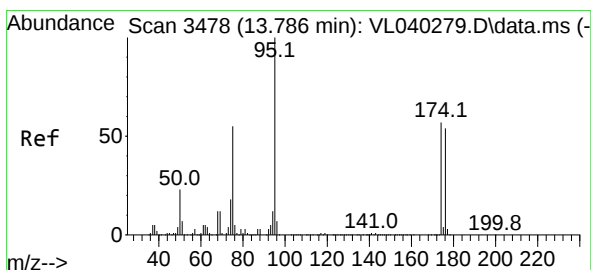
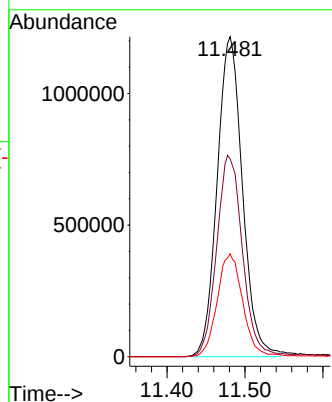
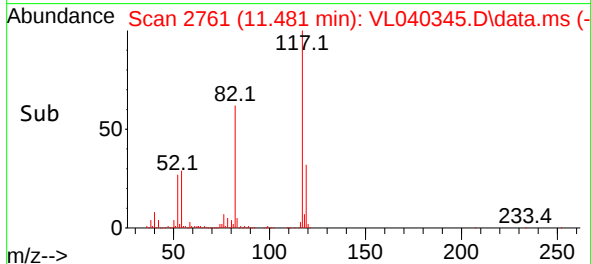
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:117 Resp: 274405
Ion Ratio Lower Upper
117 100
82 65.2 51.4 77.2
119 33.1 24.0 36.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.281 ppbv
RT: 13.793 min Scan# 3480
Delta R.T. 0.007 min
Lab File: VL040345.D
Acq: 12 Apr 2023 19:10

Tgt Ion: 95 Resp: 2132747
Ion Ratio Lower Upper
95 100
174 62.7 47.0 70.6
175 4.5 3.4 5.2

