

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039591.D
 Acq On : 25 Aug 2022 23:43
 Operator : SY/AP
 Sample : N4351-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

Quant Time: Aug 26 06:27:38 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:27:38 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1083401	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2824642	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2485114	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1835396	9.790	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.748	85	37768	0.262	ppbv #	88
3) Chlorodifluoromethane	2.694	51	218615	1.694	ppbv	94
9) Propene	2.726	41	22117	0.374	ppbv	97
13) Ethanol	3.276	45	4880m	1.150	ppbv	
15) Acetone	3.504	43	90389m	0.745	ppbv	
20) Methylene Chloride	3.948	84	29629	0.601	ppbv #	83
26) Hexane	5.227	57	62823m	0.593	ppbv	
34) 2-Butanone	4.819	43	31718m	0.226	ppbv	
52) Tetrachloroethene	10.613	164	5262m	0.065	ppbv	
53) Toluene	9.227	91	27640m	0.115	ppbv	

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

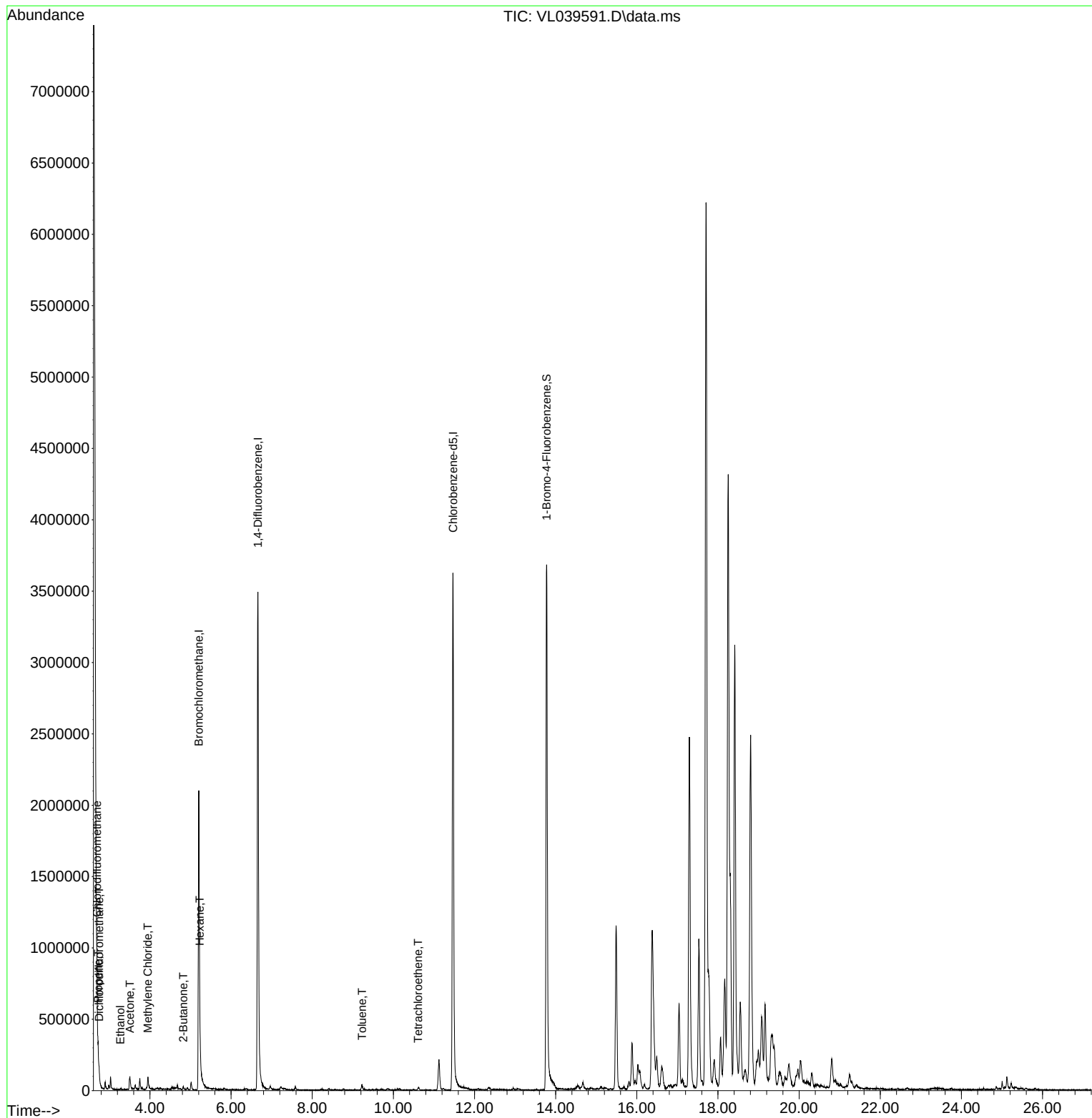
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
Data File : VL039591.D
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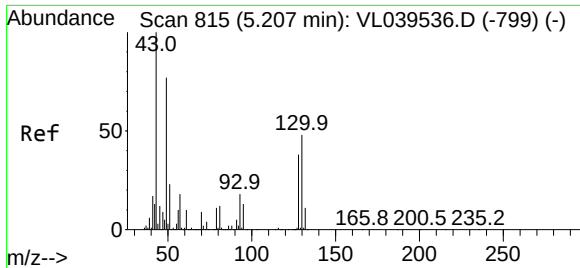
Instrument :
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Quant Time: Aug 26 06:27:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Aug 26 06:05:16 2022
Response via : Initial Calibration





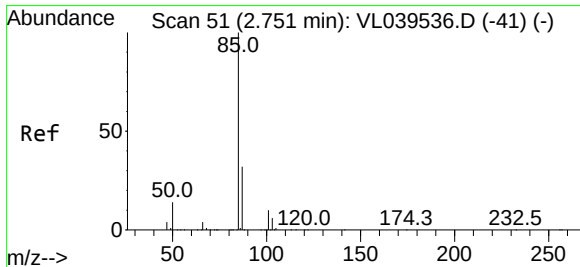
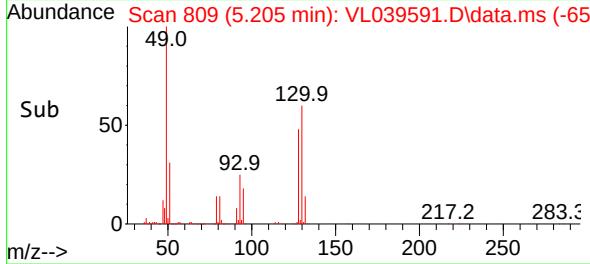
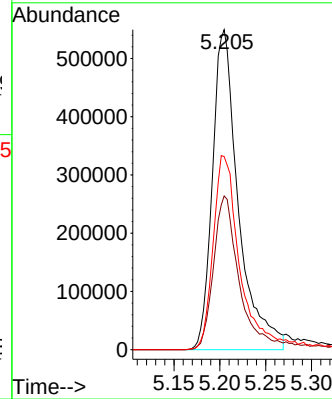
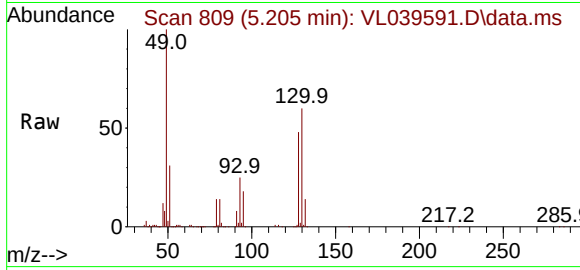
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.002 min
Lab File: VL039591.D
Acq: 25 Aug 2022 23:43

Instrument : MSVOA_L
Client Sample Id : SV1DL

Tgt Ion: 49 Resp: 108340
Ion Ratio Lower Upper
49 100
128 51.0 26.7 80.0
130 64.4 34.3 102.8

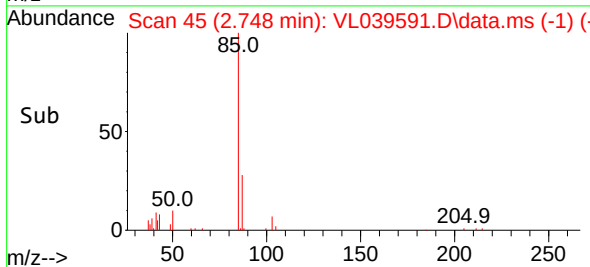
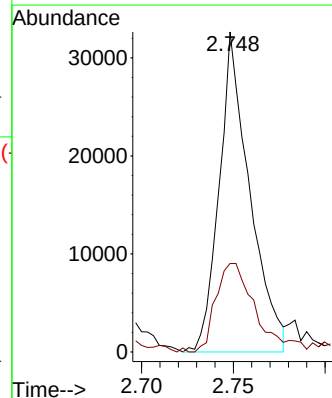
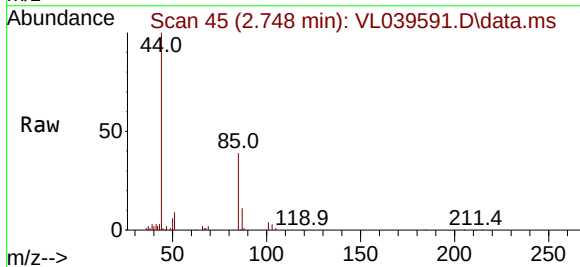
Manual Integrations
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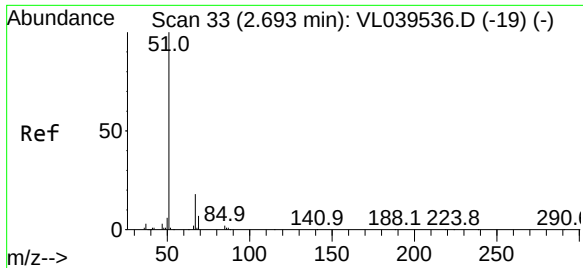
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#2
Dichlorodifluoromethane
Concen: 0.262 ppbv
RT: 2.748 min Scan# 45
Delta R.T. -0.002 min
Lab File: VL039591.D
Acq: 25 Aug 2022 23:43

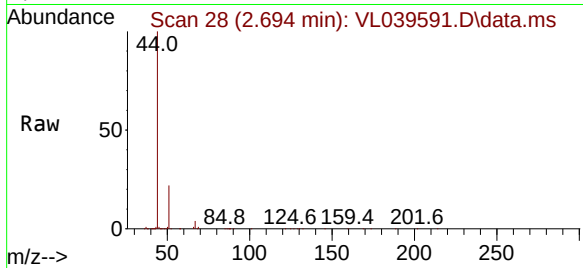
Tgt Ion: 85 Resp: 37768
Ion Ratio Lower Upper
85 100
87 26.4 26.7 40.1#





#3
Chlorodifluoromethane
Concen: 1.694 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.001 min
Lab File: VL039591.D
Acq: 25 Aug 2022 23:43

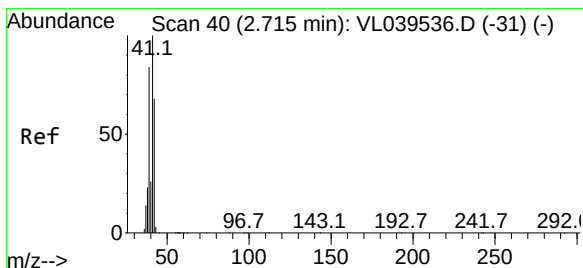
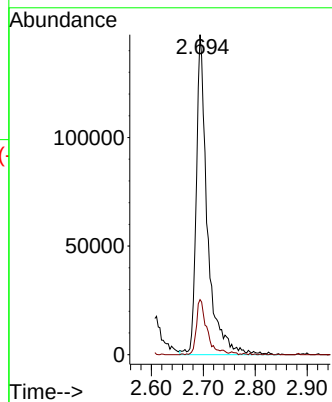
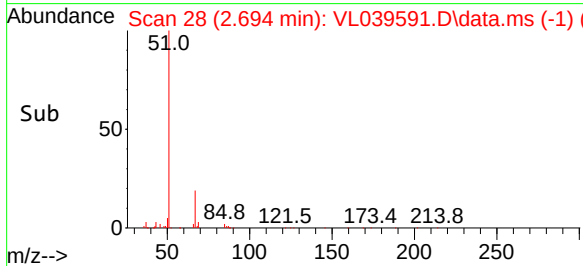
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



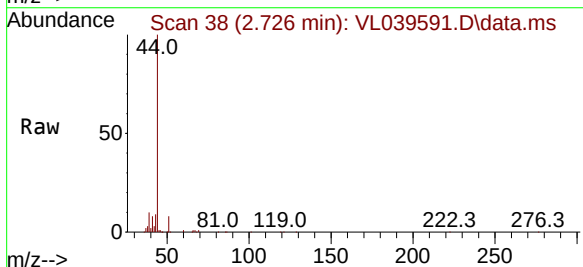
Tgt Ion: 51 Resp: 21861
Ion Ratio Lower Upper
51 100
67 17.1 15.7 23.5

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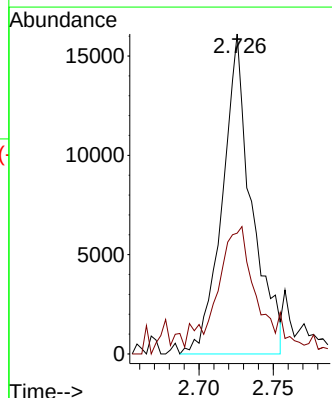
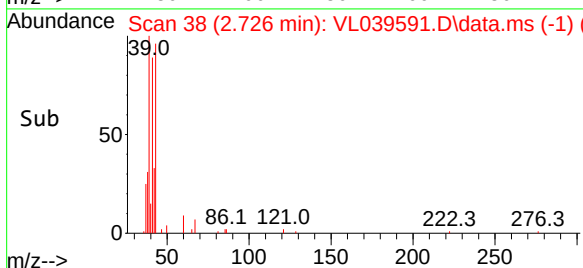
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

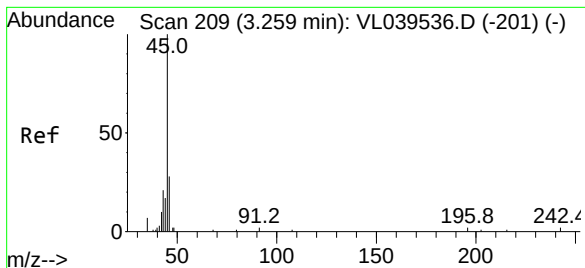


#9
Propene
Concen: 0.374 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.010 min
Lab File: VL039591.D
Acq: 25 Aug 2022 23:43



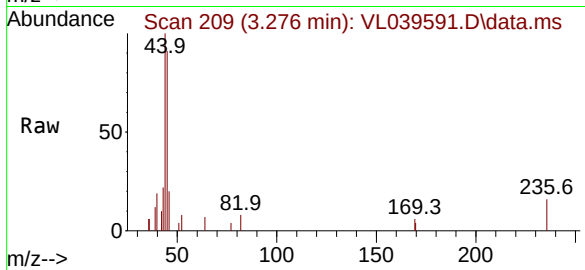
Tgt Ion: 41 Resp: 22117
Ion Ratio Lower Upper
41 100
42 66.2 55.2 82.8





#13
Ethanol
Concen: 1.150 ppbv m
RT: 3.276 min Scan# 209
Delta R.T. 0.017 min
Lab File: VL039591.D
Acq: 25 Aug 2022 23:43

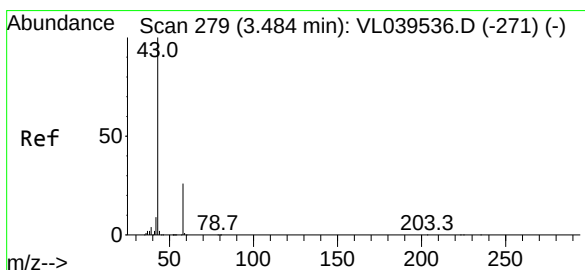
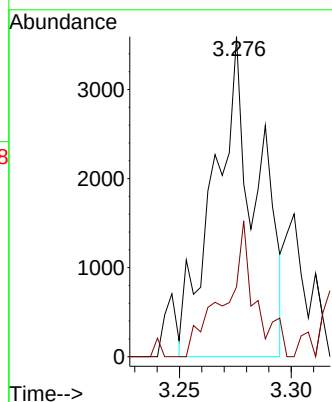
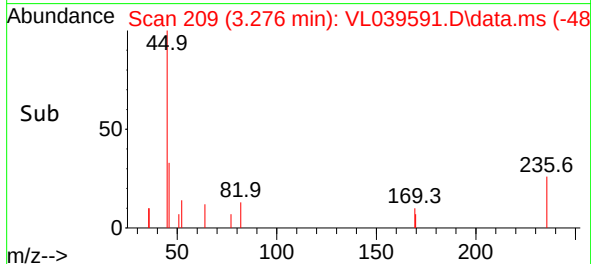
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 45 Resp: 4880
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

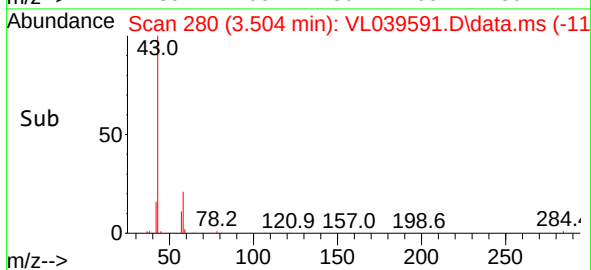
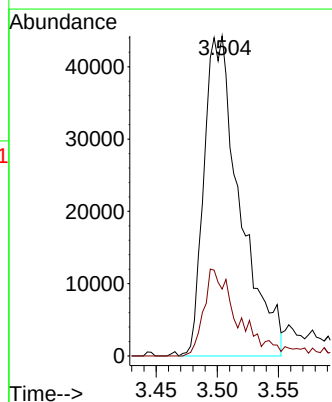
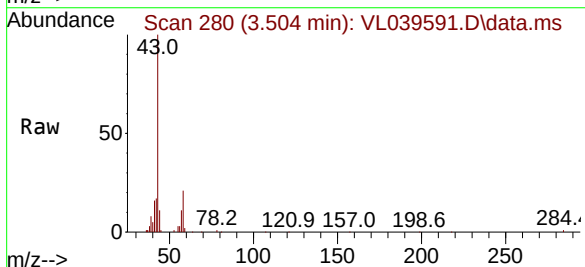
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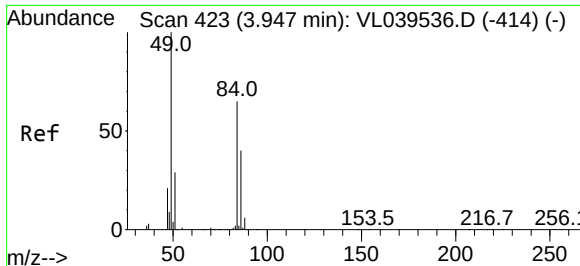
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#15
Acetone
Concen: 0.745 ppbv m
RT: 3.504 min Scan# 280
Delta R.T. 0.020 min
Lab File: VL039591.D
Acq: 25 Aug 2022 23:43

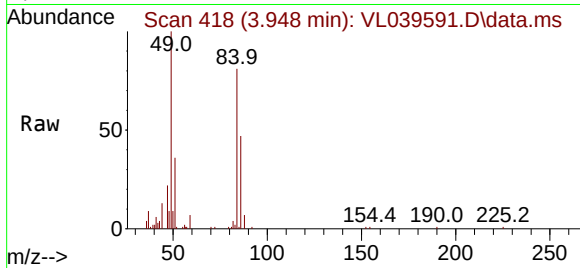
Tgt Ion: 43 Resp: 90389
Ion Ratio Lower Upper
43 100
58 27.4 21.0 31.6





#20
Methylene Chloride
Concen: 0.601 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.001 min
Lab File: VL039591.D
Acq: 25 Aug 2022 23:43

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

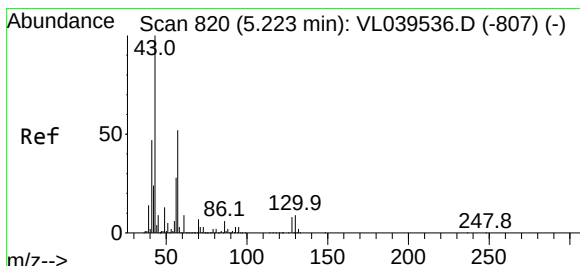
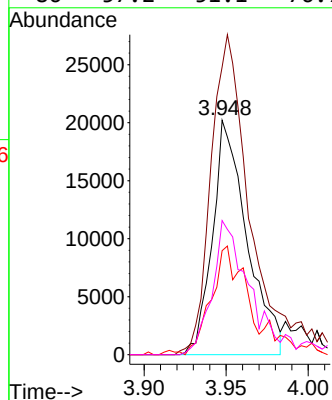
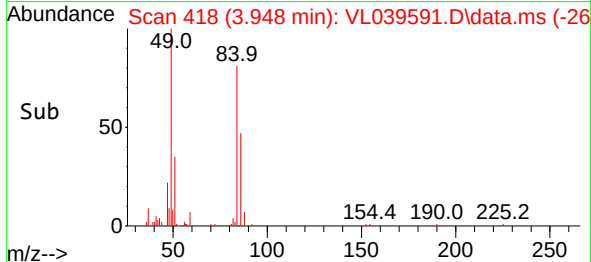


Tgt Ion: 84 Resp: 29629

Ion	Ratio	Lower	Upper
84	100		
49	121.1	123.1	184.7
51	43.2	34.4	51.6
86	57.2	51.1	76.7

Manual Integrations
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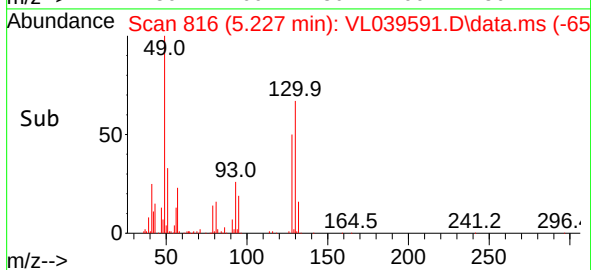
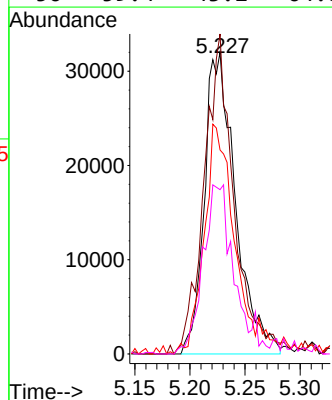
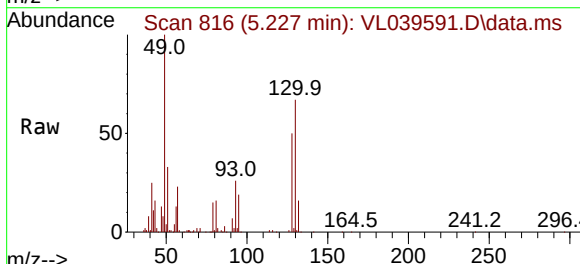
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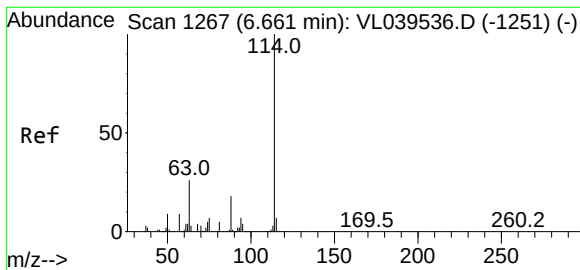


#26
Hexane
Concen: 0.593 ppbv m
RT: 5.227 min Scan# 816
Delta R.T. 0.004 min
Lab File: VL039591.D
Acq: 25 Aug 2022 23:43

Tgt Ion: 57 Resp: 62823

Ion	Ratio	Lower	Upper
57	100		
41	0.0	76.9	115.3
43	77.7	191.0	286.6
56	59.4	43.2	64.8





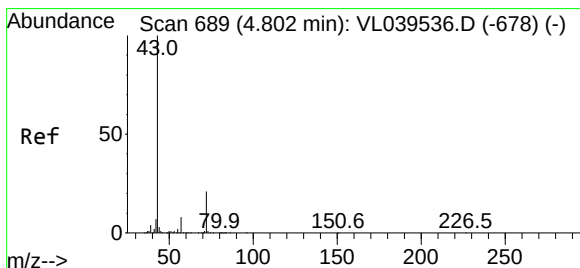
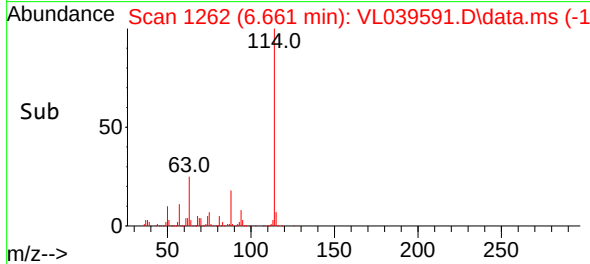
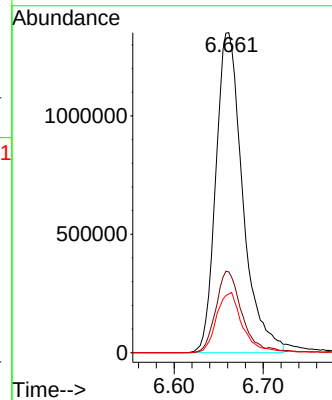
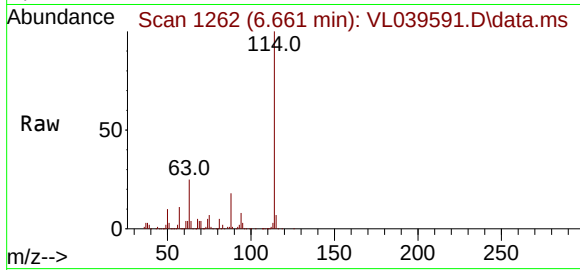
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 114
Delta R.T. 0.001 min
Lab File: VL039591.D
Acq: 25 Aug 2022 23:43

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:114 Resp: 282464
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.4
88 18.4 14.5 21.7

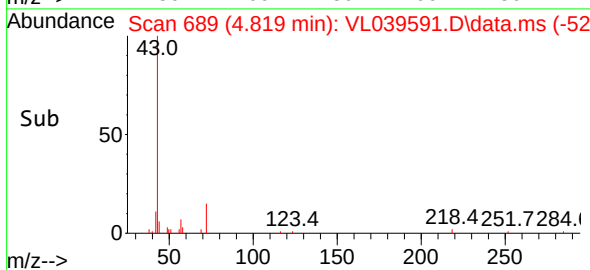
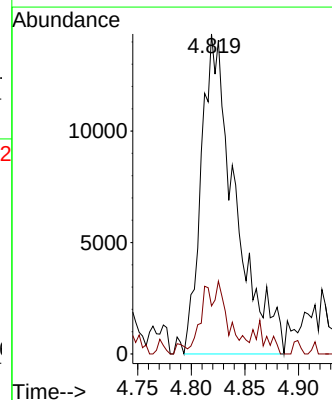
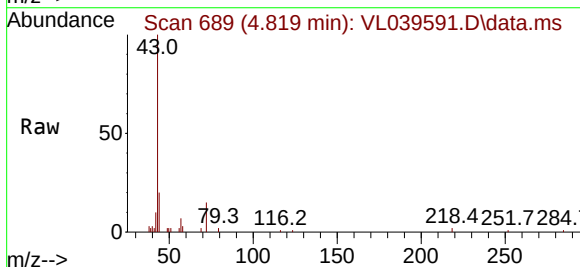
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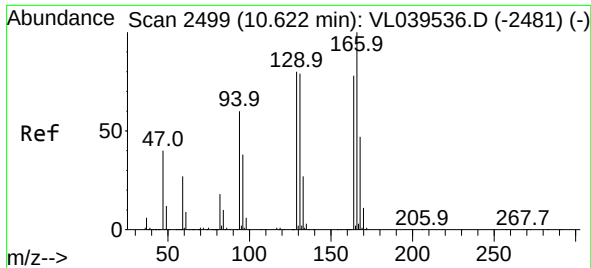
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#34
2-Butanone
Concen: 0.226 ppbv m
RT: 4.819 min Scan# 689
Delta R.T. 0.017 min
Lab File: VL039591.D
Acq: 25 Aug 2022 23:43

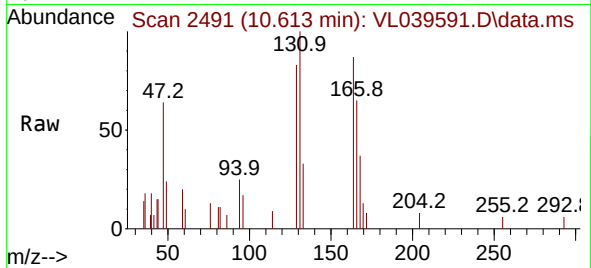
Tgt Ion: 43 Resp: 31718
Ion Ratio Lower Upper
43 100
72 22.3 17.9 26.9





#52
Tetrachloroethene
Concen: 0.065 ppbv m
RT: 10.613 min Scan# 2499
Delta R.T. -0.009 min
Lab File: VL039591.D
Acq: 25 Aug 2022 23:43

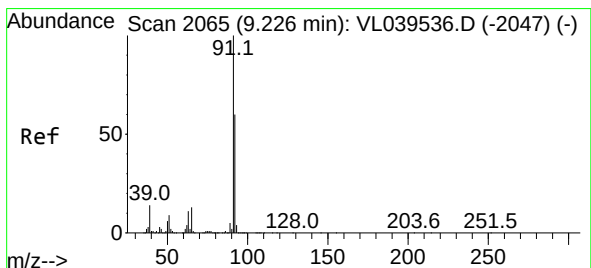
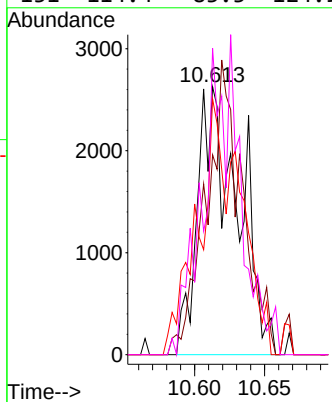
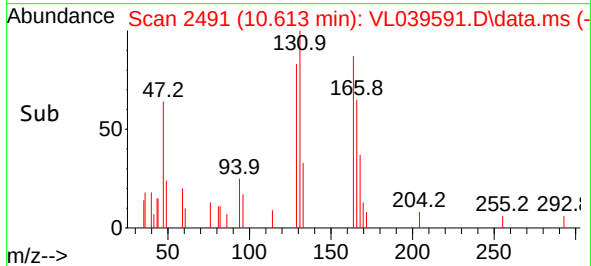
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SV1DL



Tgt Ion:164 Resp: 5262
Ion Ratio Lower Upper
164 100
166 74.6 102.2 153.2
129 95.4 85.8 128.8
131 114.4 83.3 124.9

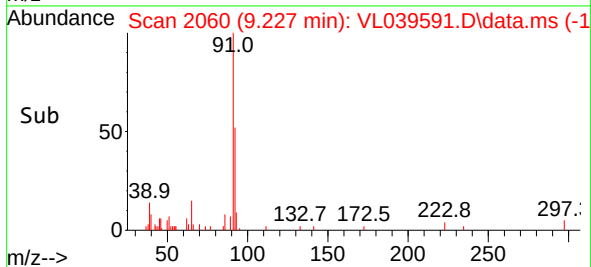
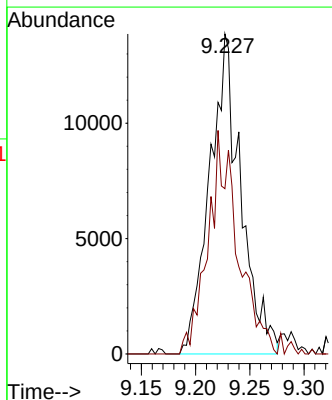
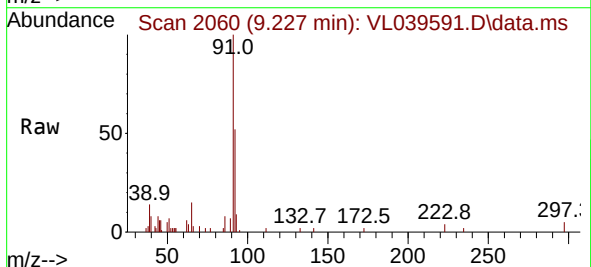
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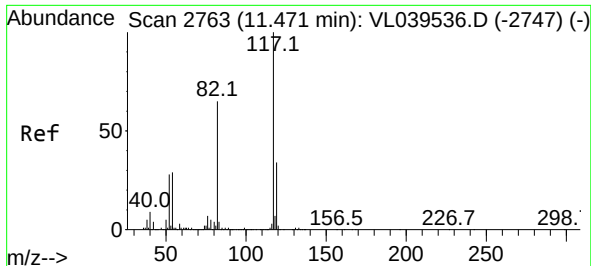
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#53
Toluene
Concen: 0.115 ppbv m
RT: 9.227 min Scan# 2060
Delta R.T. 0.001 min
Lab File: VL039591.D
Acq: 25 Aug 2022 23:43

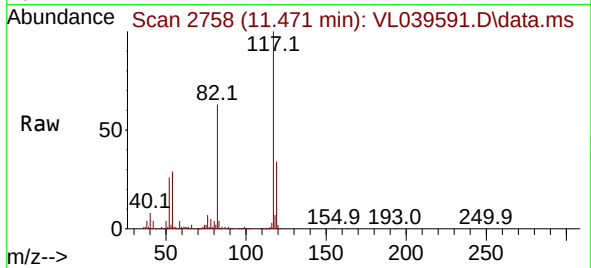
Tgt Ion: 91 Resp: 27640
Ion Ratio Lower Upper
91 100
92 68.4 48.2 72.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2114
Delta R.T. 0.001 min
Lab File: VL039591.D
Acq: 25 Aug 2022 23:43

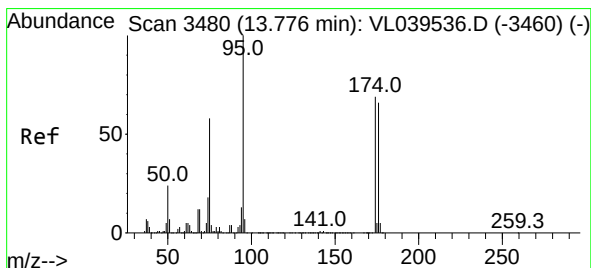
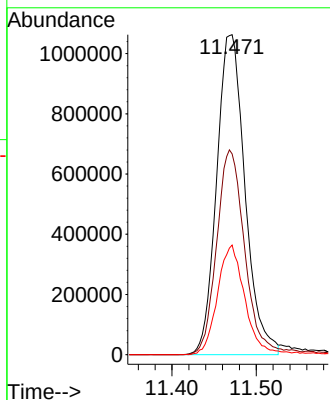
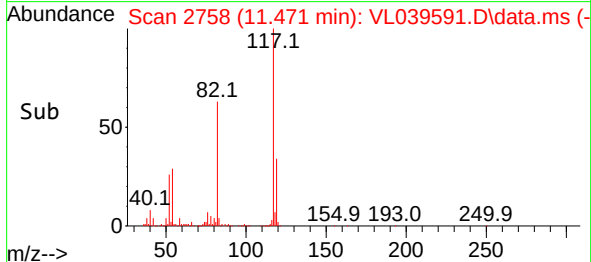
Instrument :
MSVOA_L
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SV1DL



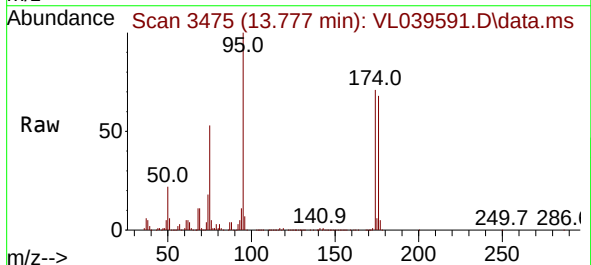
Tgt Ion: 117 Resp: 2485114
Ion Ratio Lower Upper
117 100
82 65.0 50.8 76.2
119 33.5 24.1 36.1

Manual Integrations
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Supervised By :Semsettin Yesilyurt 08/29/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.790 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.001 min
Lab File: VL039591.D
Acq: 25 Aug 2022 23:43



Tgt Ion: 95 Resp: 1835396
Ion Ratio Lower Upper
95 100
174 71.0 55.9 83.9
175 5.4 4.2 6.4

