

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
 Data File : VL039526.D
 Acq On : 25 Jul 2022 21:26
 Operator : SY/AP
 Sample : N3842-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 08:08:07 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	1123222	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.182	114	3195227	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.092	117	2789256	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.416	95	2066712	9.988	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
9) Propene	3.028	41	21245m	0.330	ppbv	
15) Acetone	3.864	43	284297	2.139	ppbv	92
17) tert-Butyl alcohol	4.320	59	16961m	0.150	ppbv	
20) Methylene Chloride	4.353	84	71145	1.343	ppbv	96
23) Vinyl Acetate	5.086	43	64916m	0.731	ppbv	
26) Hexane	5.690	57	192052	1.749	ppbv #	37
34) 2-Butanone	5.266	43	36536m	0.227	ppbv	
38) Trichloroethene	7.838	130	23307m	0.174	ppbv	
52) Tetrachloroethene	11.230	164	92139	0.926	ppbv	93

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

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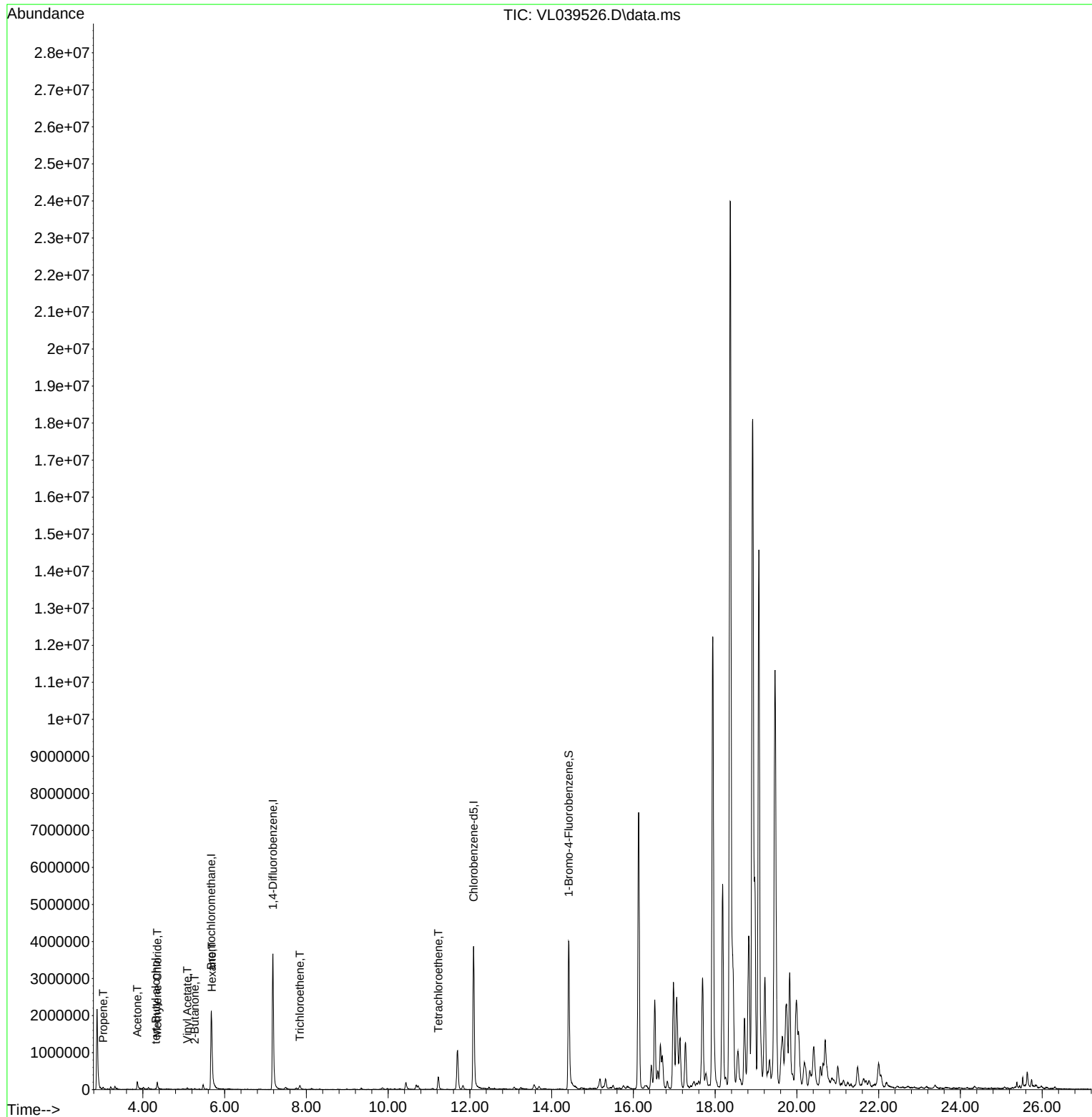
Quant Time: Jul 26 08:08:07 2022

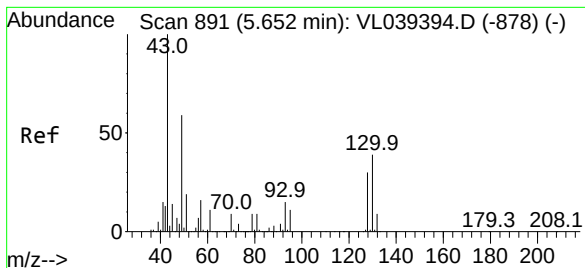
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

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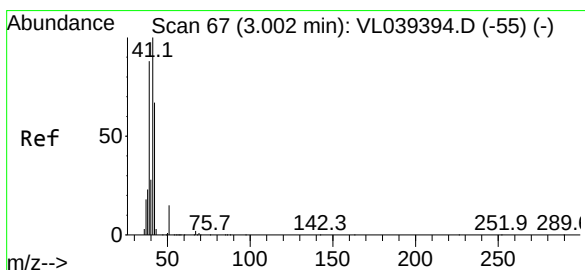
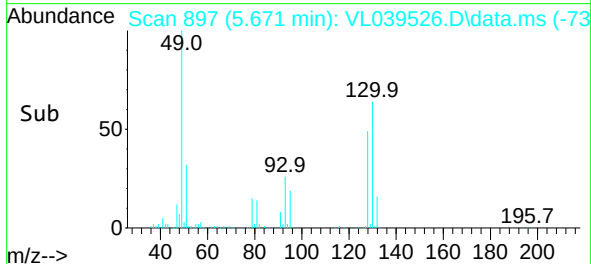
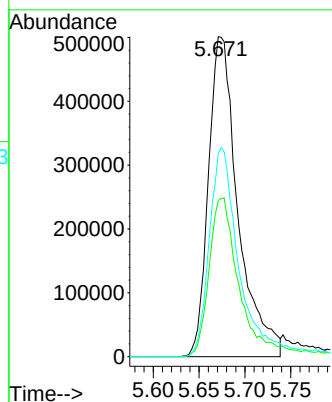
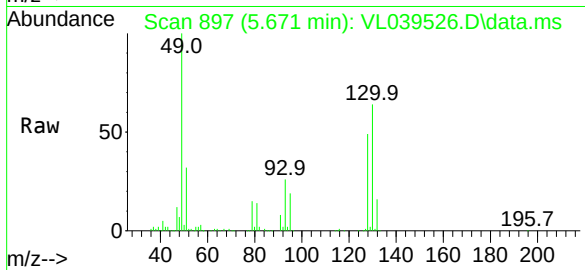
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 891
Delta R.T. 0.019 min
Lab File: VL039526.D
Acq: 25 Jul 2022 21:26

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 112322
Ion Ratio Lower Upper
49 100
128 53.8 26.7 80.0
130 68.7 34.3 102.8

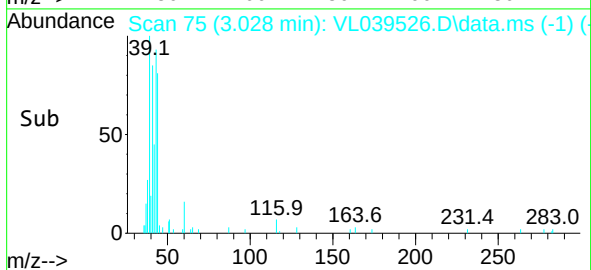
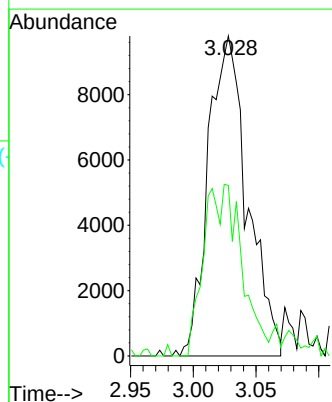
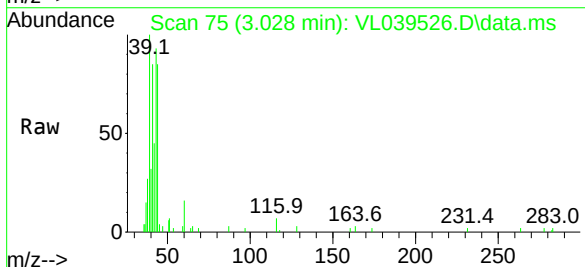
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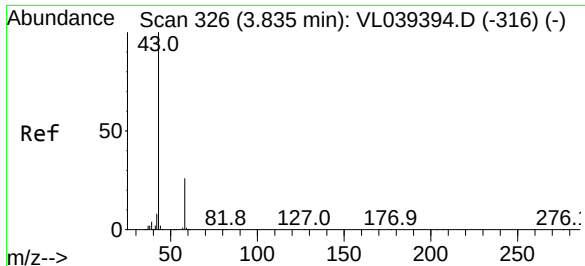
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#9
Propene
Concen: 0.330 ppbv m
RT: 3.028 min Scan# 75
Delta R.T. 0.026 min
Lab File: VL039526.D
Acq: 25 Jul 2022 21:26

Tgt Ion: 41 Resp: 21245
Ion Ratio Lower Upper
41 100
42 53.7 55.2 82.8#





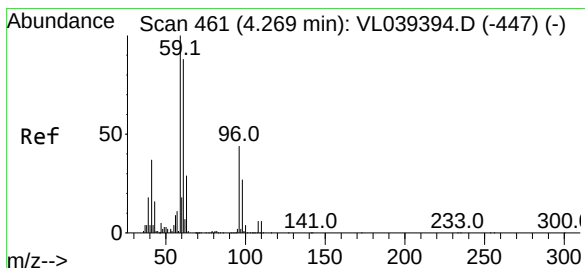
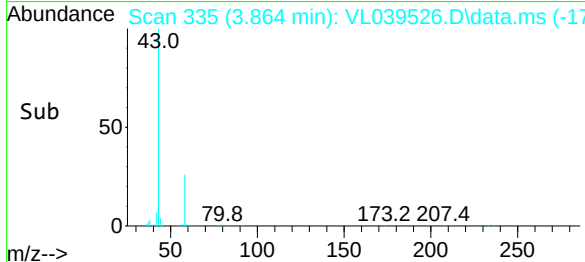
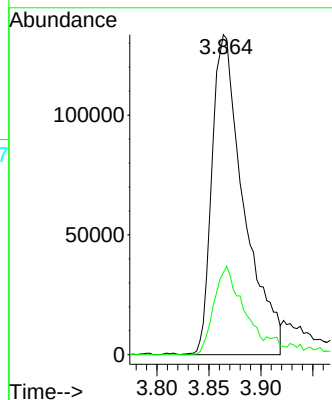
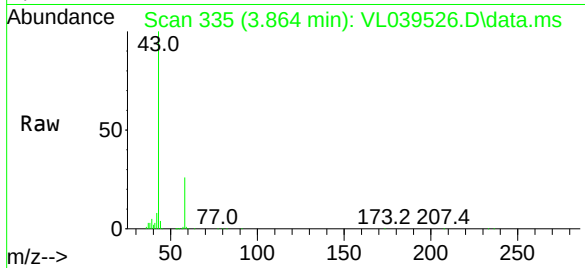
#15
Acetone
Concen: 2.139 ppbv
RT: 3.864 min Scan# 311
Delta R.T. 0.029 min
Lab File: VL039526.D
Acq: 25 Jul 2022 21:26

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 28429
Ion Ratio Lower Upper
43 100
58 30.6 21.0 31.6

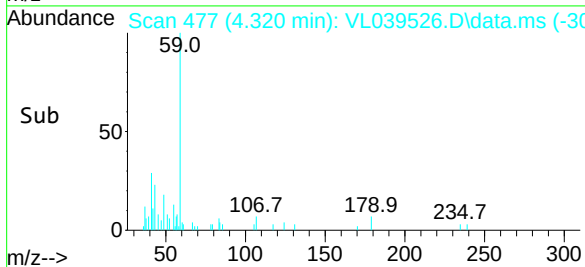
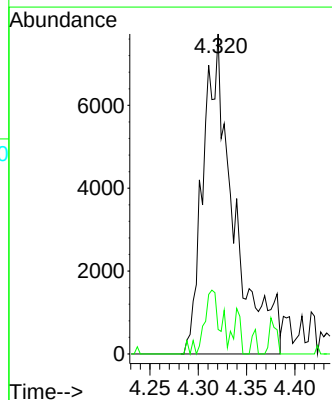
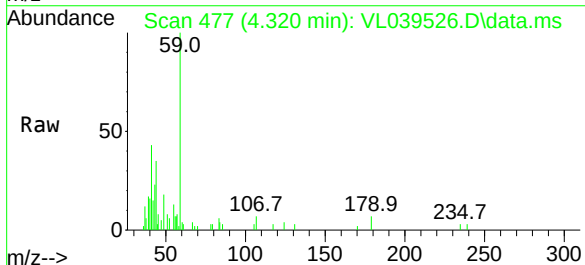
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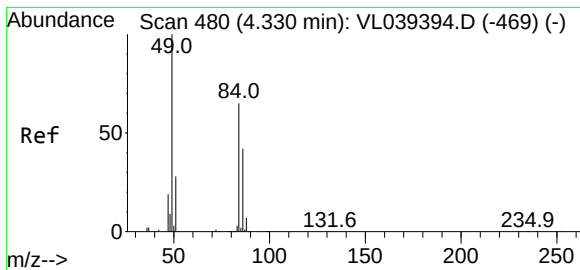
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#17
tert-Butyl alcohol
Concen: 0.150 ppbv m
RT: 4.320 min Scan# 477
Delta R.T. 0.051 min
Lab File: VL039526.D
Acq: 25 Jul 2022 21:26

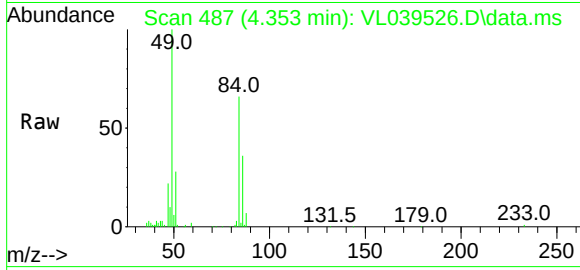
Tgt Ion: 59 Resp: 16961
Ion Ratio Lower Upper
59 100
57 14.8 8.7 13.1#





#20
Methylene Chloride
Concen: 1.343 ppbv
RT: 4.353 min Scan# 41
Delta R.T. 0.022 min
Lab File: VL039526.D
Acq: 25 Jul 2022 21:26

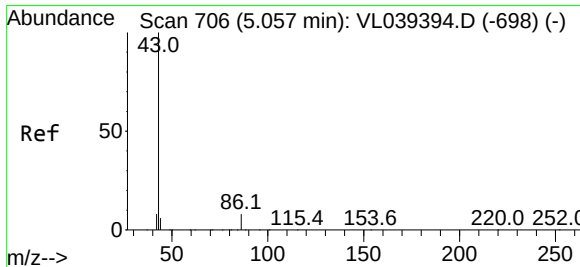
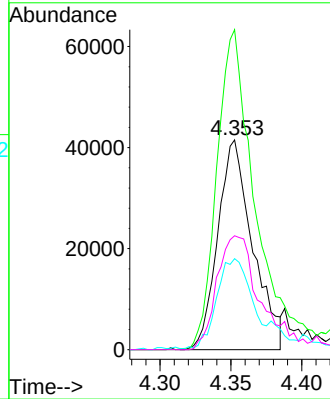
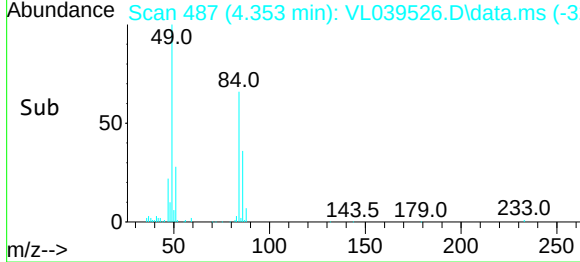
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 84 Resp: 7114
Ion Ratio Lower Upper
84 100
49 152.2 123.1 184.7
51 42.9 34.4 51.6
86 54.3 51.1 76.7

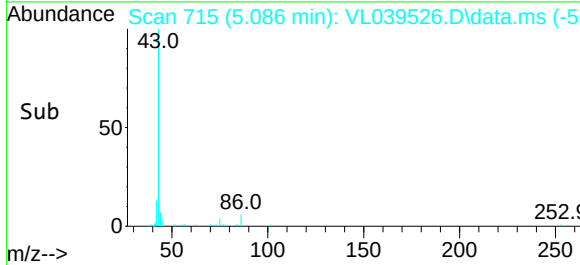
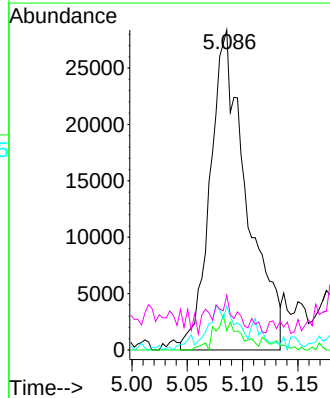
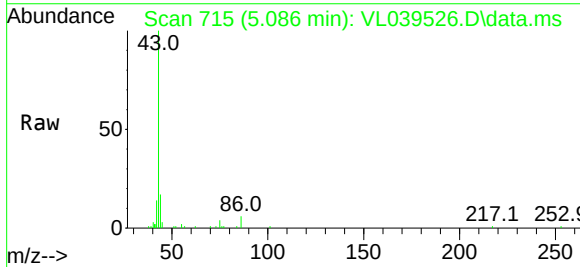
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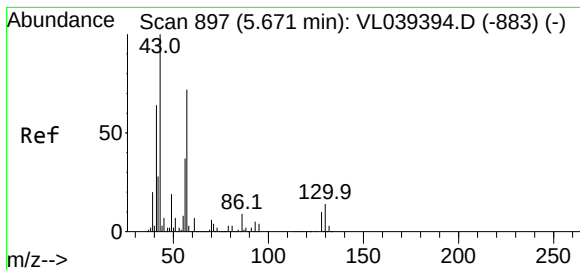
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#23
Vinyl Acetate
Concen: 0.731 ppbv m
RT: 5.086 min Scan# 715
Delta R.T. 0.029 min
Lab File: VL039526.D
Acq: 25 Jul 2022 21:26

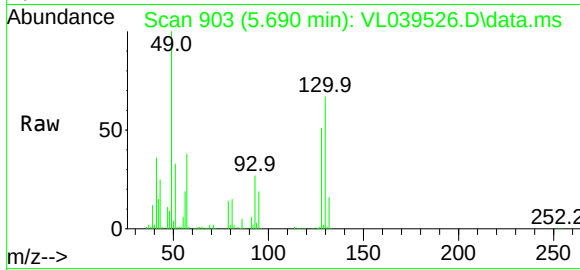
Tgt Ion: 43 Resp: 64916
Ion Ratio Lower Upper
43 100
86 6.0 5.0 7.6
42 13.7 7.7 11.5#
44 17.1 4.6 7.0#





#26
Hexane
Concen: 1.749 ppbv
RT: 5.690 min Scan# 90
Delta R.T. 0.019 min
Lab File: VL039526.D
Acq: 25 Jul 2022 21:26

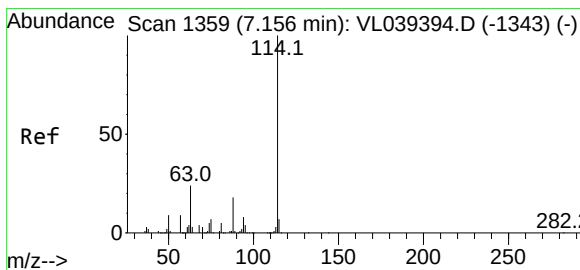
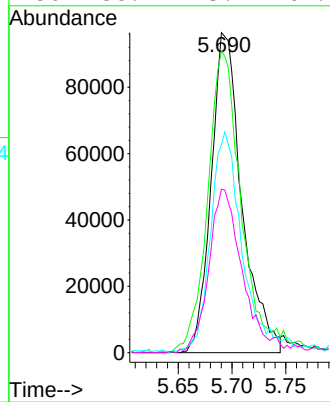
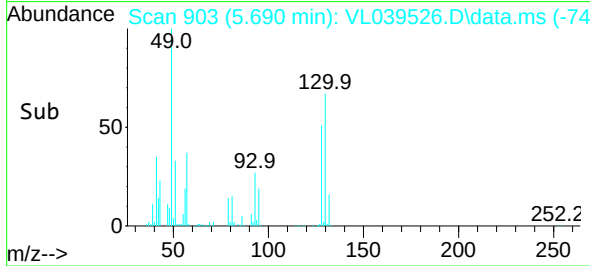
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 192052
Ion Ratio Lower Upper
57 100
41 106.1 76.9 115.3
43 73.4 191.0 286.6
56 58.2 43.2 64.8

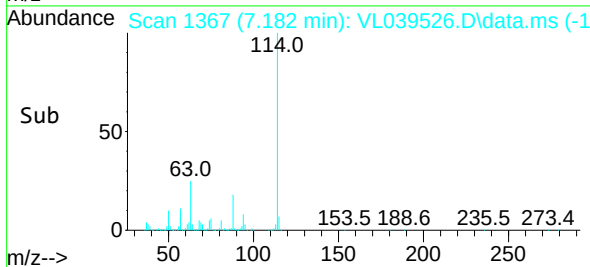
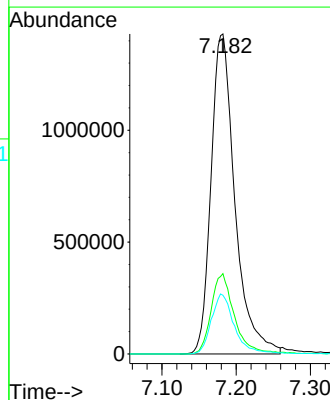
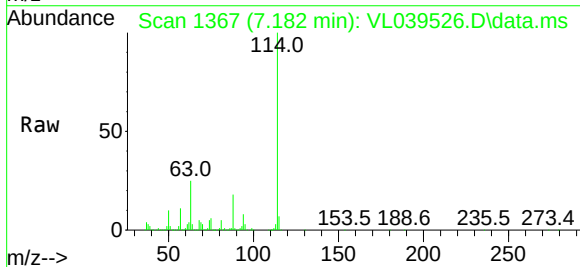
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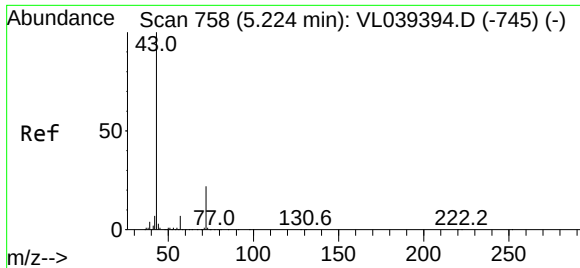
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 1367
Delta R.T. 0.026 min
Lab File: VL039526.D
Acq: 25 Jul 2022 21:26

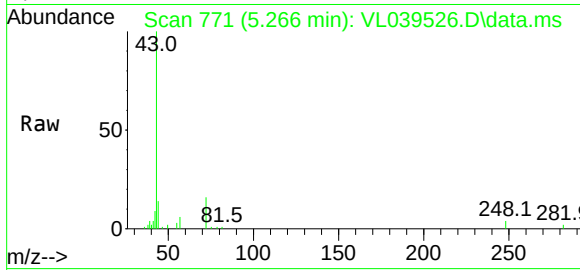
Tgt Ion:114 Resp: 3195227
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.4
88 18.3 14.5 21.7





#34
2-Butanone
Concen: 0.227 ppbv m
RT: 5.266 min Scan# 71
Delta R.T. 0.042 min
Lab File: VL039526.D
Acq: 25 Jul 2022 21:26

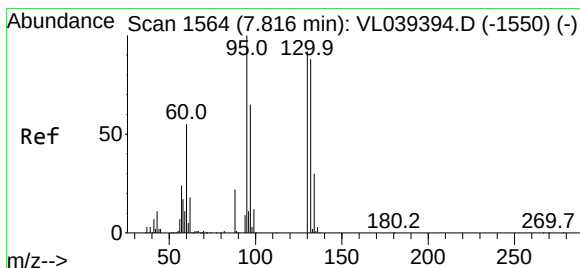
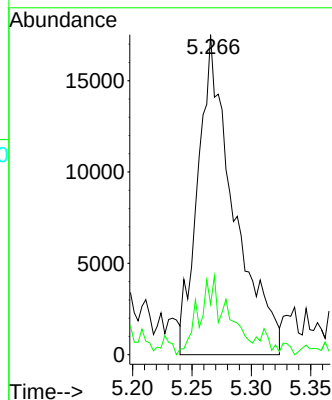
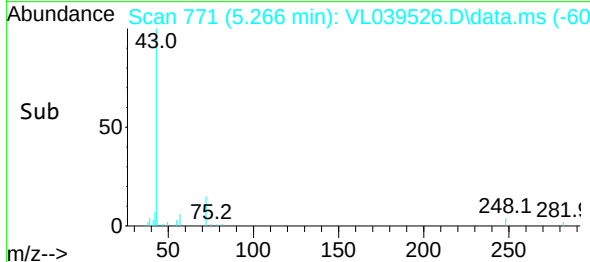
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 36530
Ion Ratio Lower Upper
43 100
72 0.0 17.9 26.9

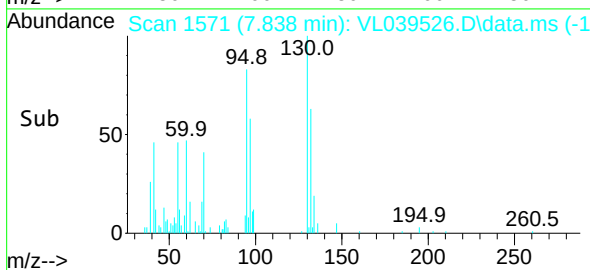
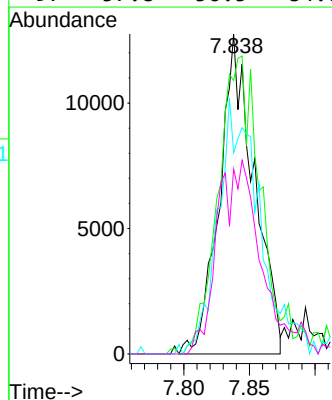
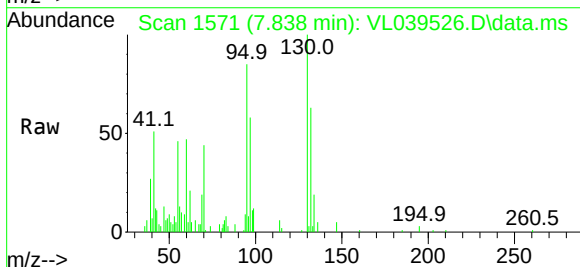
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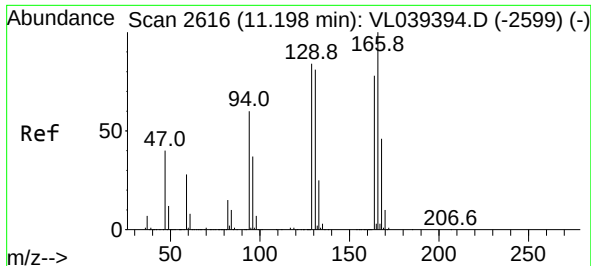
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#38
Trichloroethene
Concen: 0.174 ppbv m
RT: 7.838 min Scan# 1571
Delta R.T. 0.022 min
Lab File: VL039526.D
Acq: 25 Jul 2022 21:26

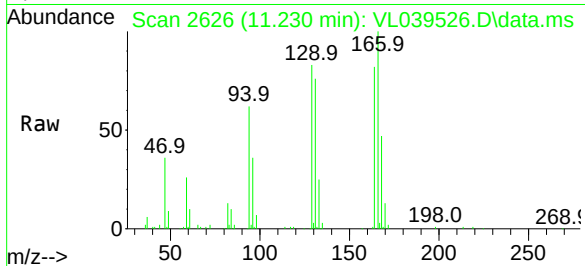
Tgt Ion:130 Resp: 23307
Ion Ratio Lower Upper
130 100
95 85.5 87.3 130.9#
132 62.9 76.7 115.1#
97 57.8 56.5 84.7





#52
Tetrachloroethene
Concen: 0.926 ppbv
RT: 11.230 min Scan# 2616
Delta R.T. 0.032 min
Lab File: VL039526.D
Acq: 25 Jul 2022 21:26

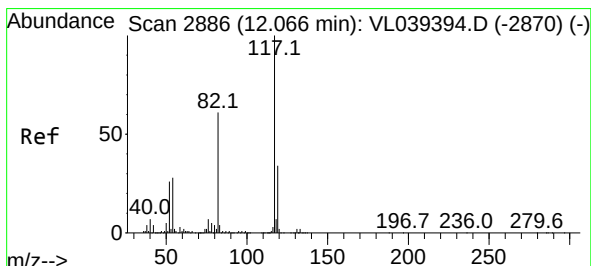
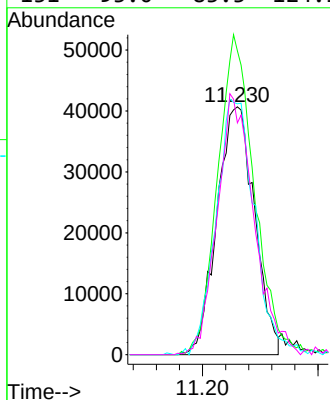
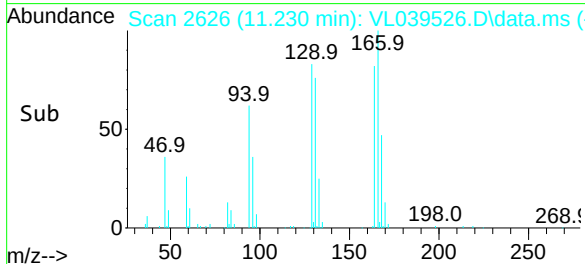
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



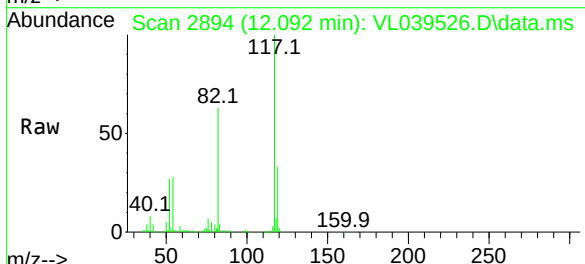
Tgt Ion:164 Resp: 92139
Ion Ratio Lower Upper
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166 122.6 102.2 153.2
129 101.2 85.8 128.8
131 93.0 83.3 124.9

Manual Integrations
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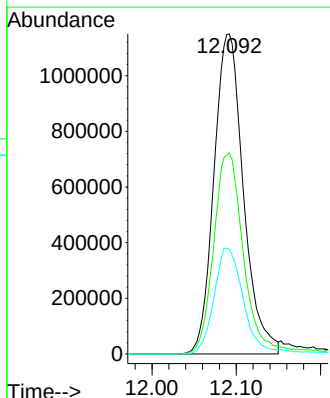
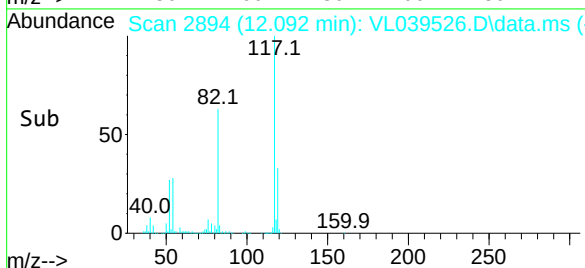
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

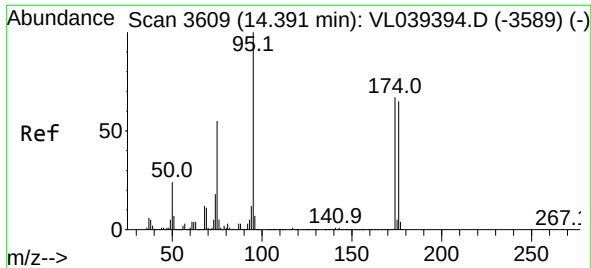


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. 0.026 min
Lab File: VL039526.D
Acq: 25 Jul 2022 21:26



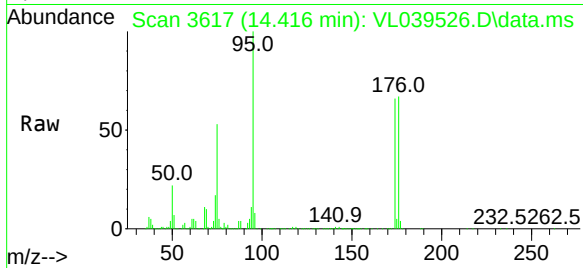
Tgt Ion:117 Resp: 2789256
Ion Ratio Lower Upper
117 100
82 65.5 50.8 76.2
119 34.0 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.988 ppbv
 RT: 14.416 min Scan# 30
 Delta R.T. 0.026 min
 Lab File: VL039526.D
 Acq: 25 Jul 2022 21:26

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion: 95 Resp: 206671

Ion	Ratio	Lower	Upper
95	100		
174	73.8	55.9	83.9
175	5.8	4.2	6.4

Manual Integrations
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