

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL083122\
 Data File : VL039606.D
 Acq On : 31 Aug 2022 13:24
 Operator : SY/AP
 Sample : N4408-02DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-EFF-082222DL

Quant Time: Aug 31 23:44:50 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 31 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/01/2022
 Supervised By : Mahesh Dadoda 09/02/2022

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

Internal Standards						
1) Bromochloromethane	5.214	49	1017794	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2622378	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.484	117	2286545	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1654408	9.591	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%
Target Compounds						Qvalue
15) Acetone	3.497	43	246378	2.161	ppbv	93
20) Methylene Chloride	3.960	84	402762	8.695	ppbv	92
26) Hexane	5.237	57	187557	1.884	ppbv #	41
31) cis-1,2-Dichloroethene	5.108	61	102991	1.068	ppbv	89
32) 1,1,1-Trichloroethane	6.025	97	21467m	0.157	ppbv	
34) 2-Butanone	4.819	43	46080m	0.353	ppbv	
38) Trichloroethene	7.311	130	299645	2.798	ppbv	96
52) Tetrachloroethene	10.629	164	79175m	1.047	ppbv	

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

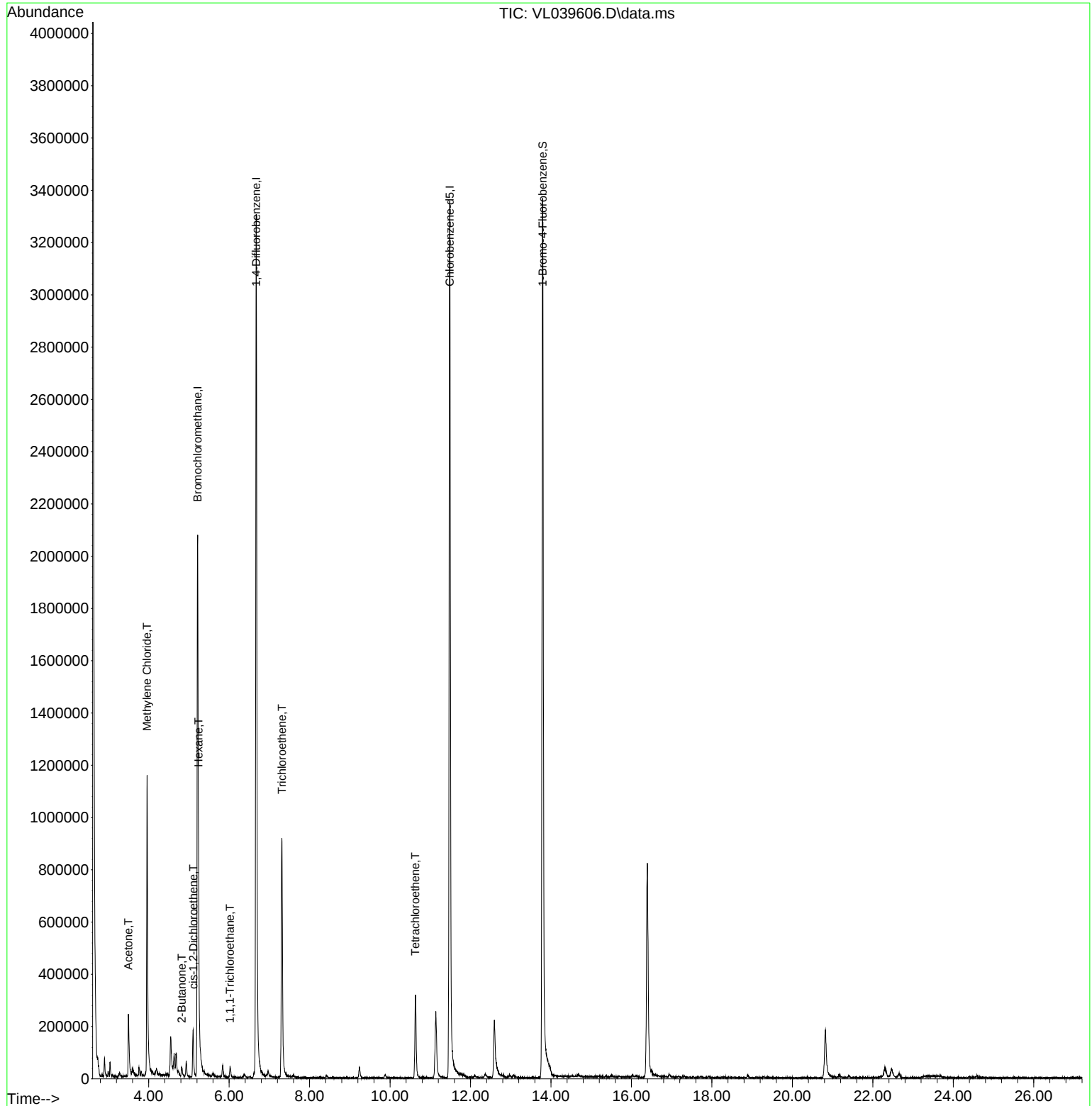
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL083122\
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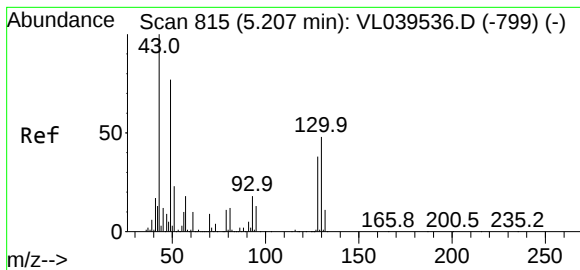
Instrument :
MSVOA_L
ClientSampleId :
SVE-EFF-082222DL

Quant Time: Aug 31 23:44:50 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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Response via : Initial Calibration

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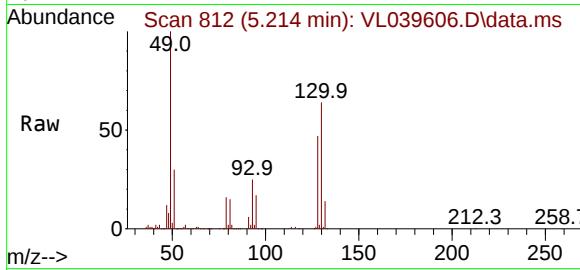
Reviewed By : Semsettin Yesilyurt 09/01/2022
Supervised By : Mahesh Dadoda 09/02/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 815
Delta R.T. 0.007 min
Lab File: VL039606.D
Acq: 31 Aug 2022 13:24

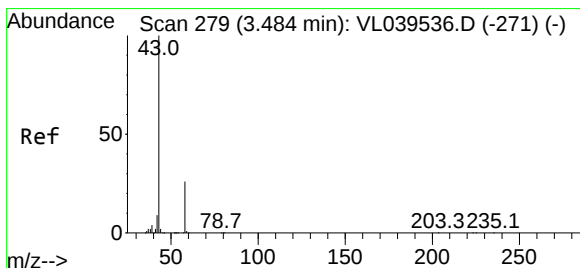
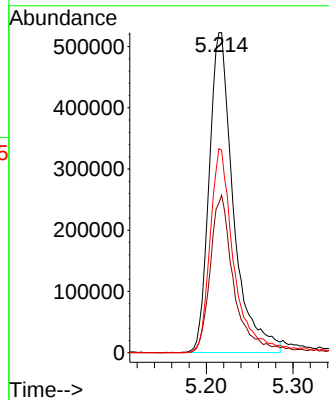
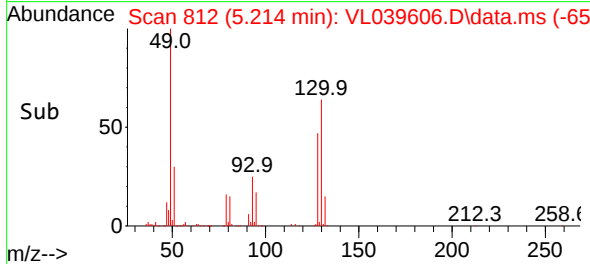
Instrument :
MSVOA_L
ClientSampleId :
SVE-EFF-082222DL



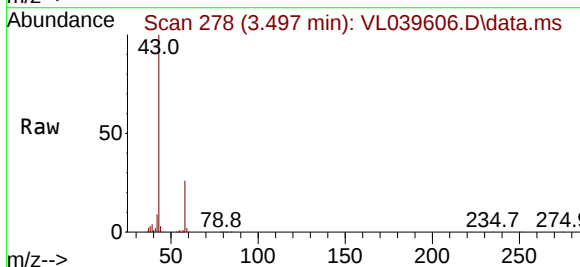
Tgt Ion: 49 Resp: 1017794
Ion Ratio Lower Upper
49 100
128 50.0 26.7 80.0
130 65.5 34.3 102.8

Manual Integrations
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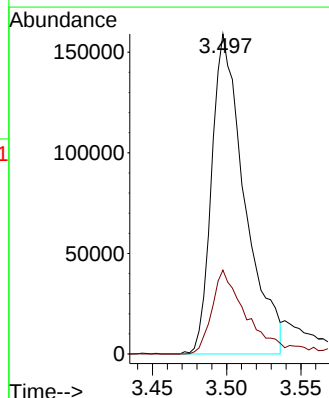
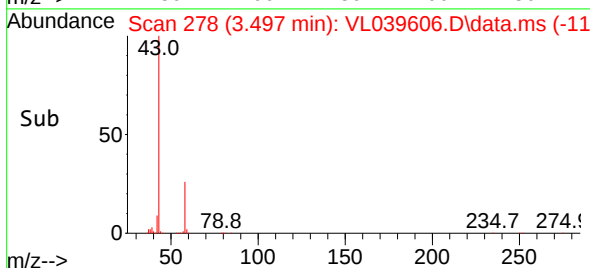
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

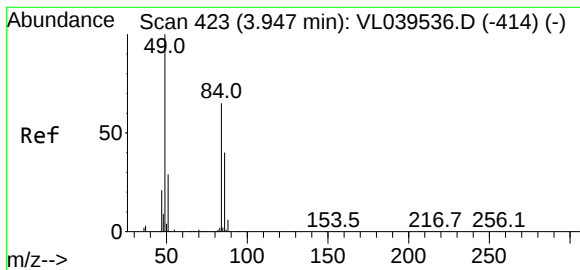


#15
Acetone
Concen: 2.161 ppbv
RT: 3.497 min Scan# 278
Delta R.T. 0.014 min
Lab File: VL039606.D
Acq: 31 Aug 2022 13:24



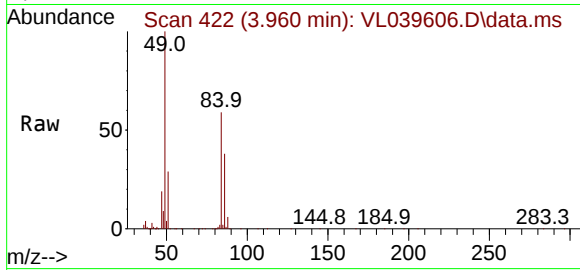
Tgt Ion: 43 Resp: 246378
Ion Ratio Lower Upper
43 100
58 30.0 21.0 31.6





#20
Methylene Chloride
Concen: 8.695 ppbv
RT: 3.960 min Scan# 41
Delta R.T. 0.014 min
Lab File: VL039606.D
Acq: 31 Aug 2022 13:24

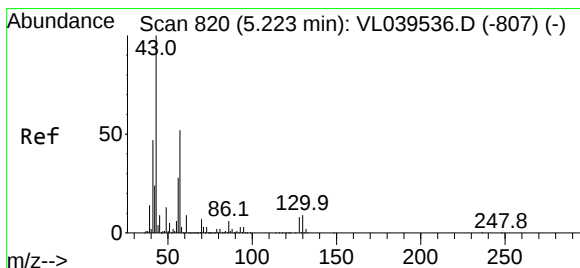
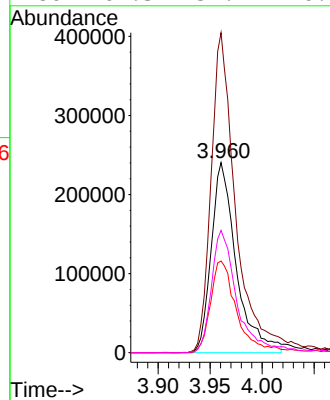
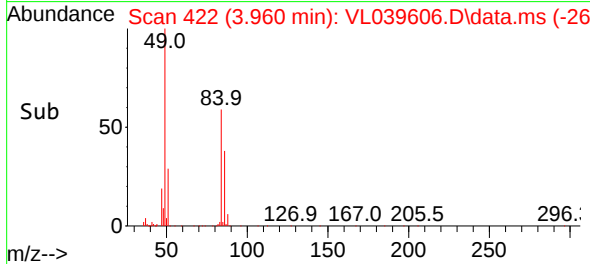
Instrument :
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ClientSampleId :
SVE-EFF-082222DL



Tgt Ion: 84 Resp: 402762
Ion Ratio Lower Upper
84 100
49 168.2 123.1 184.7
51 48.2 34.4 51.6
86 64.3 51.1 76.7

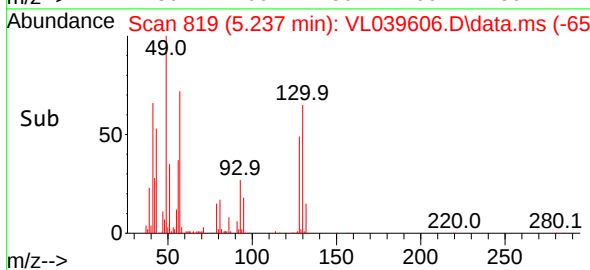
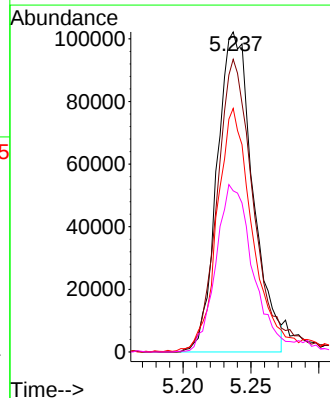
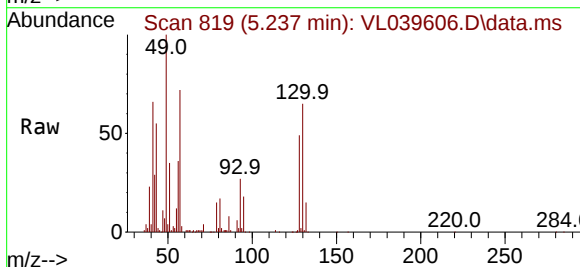
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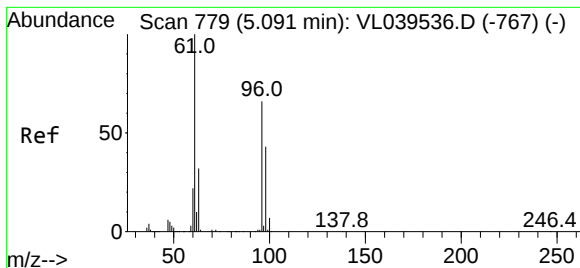
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#26
Hexane
Concen: 1.884 ppbv
RT: 5.237 min Scan# 819
Delta R.T. 0.014 min
Lab File: VL039606.D
Acq: 31 Aug 2022 13:24

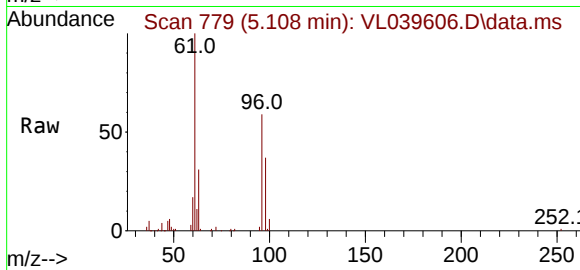
Tgt Ion: 57 Resp: 187557
Ion Ratio Lower Upper
57 100
41 97.3 76.9 115.3
43 77.7 191.0 286.6#
56 57.2 43.2 64.8





#31
 cis-1,2-Dichloroethene
 Concen: 1.068 ppbv
 RT: 5.108 min Scan# 71
 Delta R.T. 0.017 min
 Lab File: VL039606.D
 Acq: 31 Aug 2022 13:24

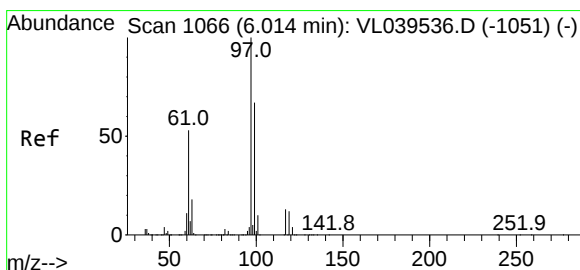
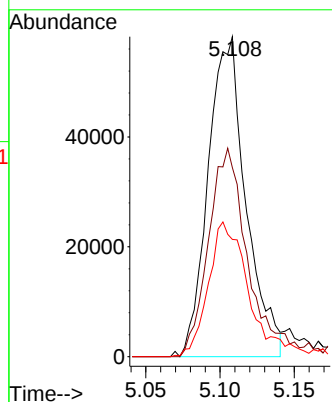
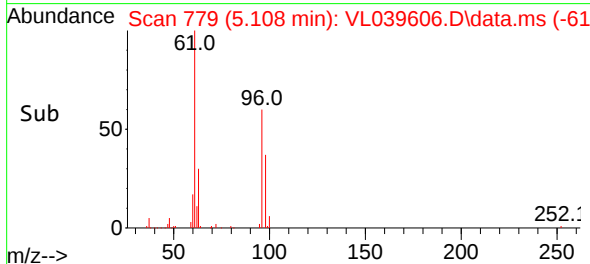
Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-EFF-082222DL



Tgt Ion: 61 Resp: 10299
 Ion Ratio Lower Upper
 61 100
 96 59.1 54.1 81.1
 98 36.3 34.6 52.0

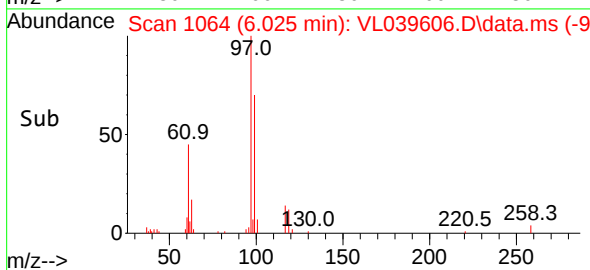
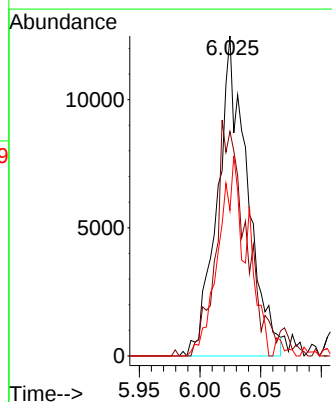
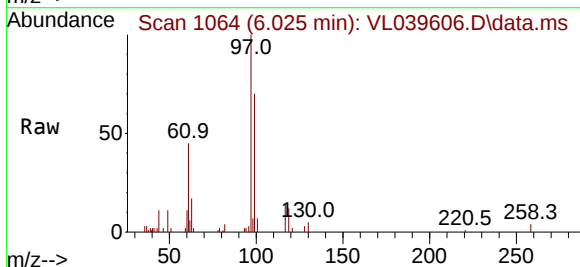
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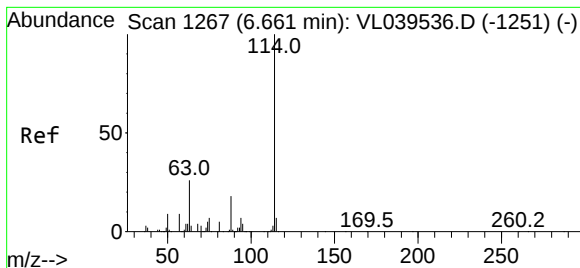
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.157 ppbv m
 RT: 6.025 min Scan# 1064
 Delta R.T. 0.010 min
 Lab File: VL039606.D
 Acq: 31 Aug 2022 13:24

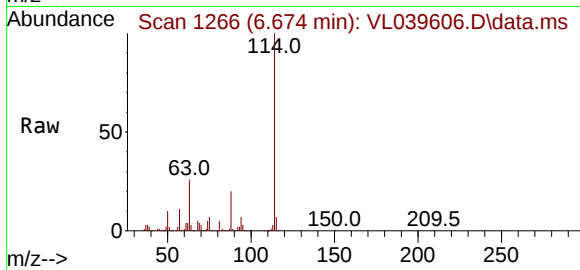
Tgt Ion: 97 Resp: 21467
 Ion Ratio Lower Upper
 97 100
 99 77.1 52.3 78.5
 61 0.0 40.9 61.3#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 1266
Delta R.T. 0.014 min
Lab File: VL039606.D
Acq: 31 Aug 2022 13:24

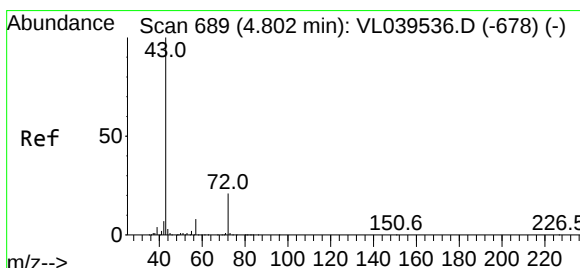
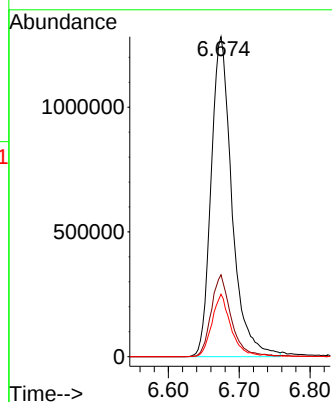
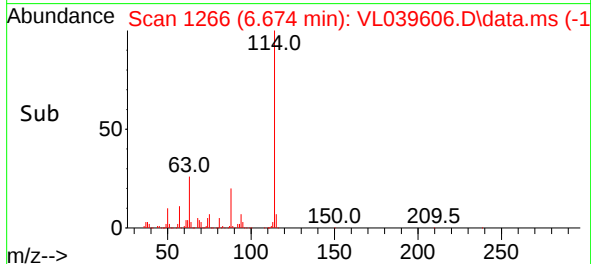
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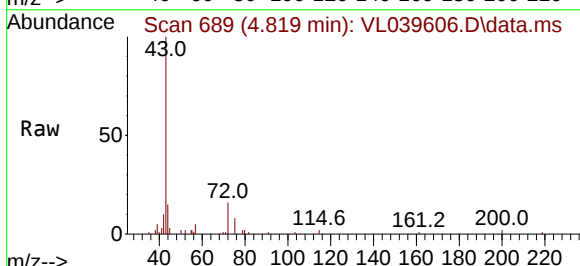
Tgt Ion:114 Resp: 2622378
Ion Ratio Lower Upper
114 100
63 24.8 20.2 30.4
88 18.3 14.5 21.7

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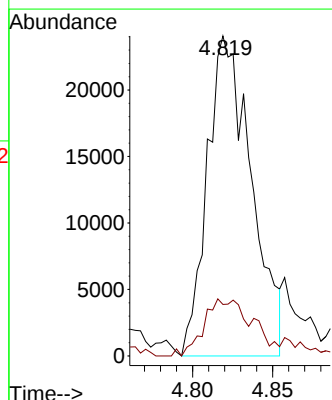
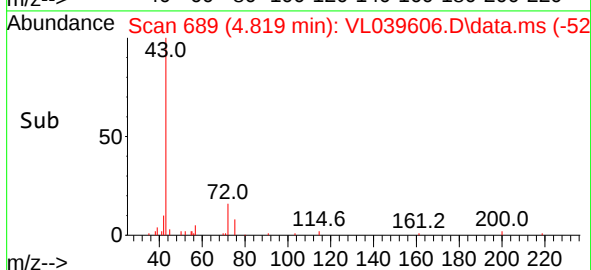
Reviewed By :Semsettin Yesilyurt 09/01/2022
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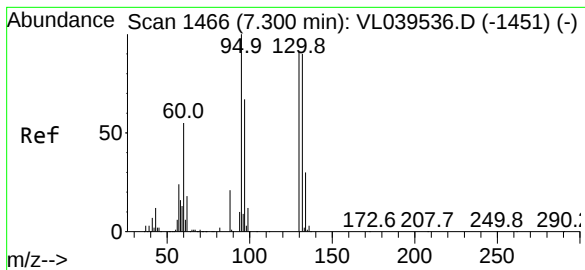


#34
2-Butanone
Concen: 0.353 ppbv m
RT: 4.819 min Scan# 689
Delta R.T. 0.017 min
Lab File: VL039606.D
Acq: 31 Aug 2022 13:24



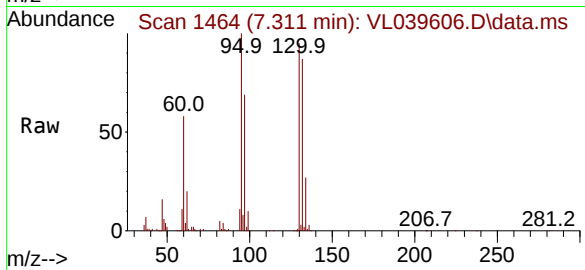
Tgt Ion: 43 Resp: 46080
Ion Ratio Lower Upper
43 100
72 23.0 17.9 26.9





#38
Trichloroethene
Concen: 2.798 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.010 min
Lab File: VL039606.D
Acq: 31 Aug 2022 13:24

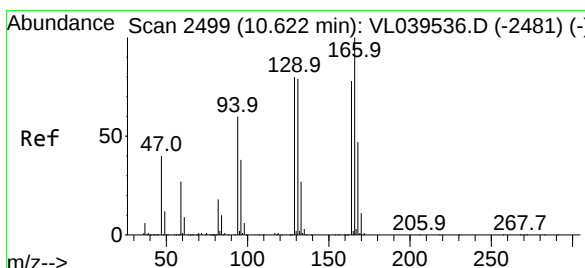
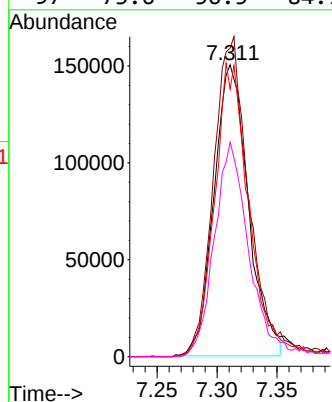
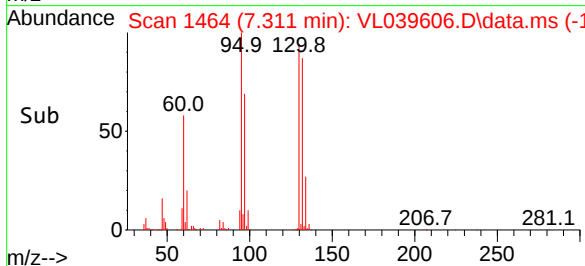
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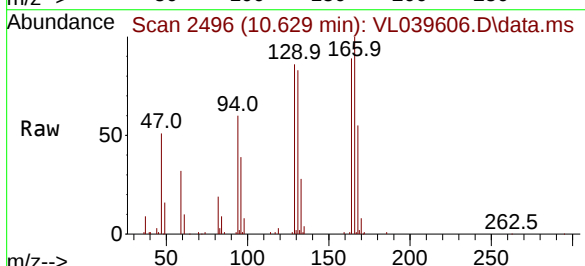
Tgt Ion:130 Resp: 29964
Ion Ratio Lower Upper
130 100
95 105.3 87.3 130.9
132 91.4 76.7 115.1
97 73.6 56.5 84.7

Manual Integrations
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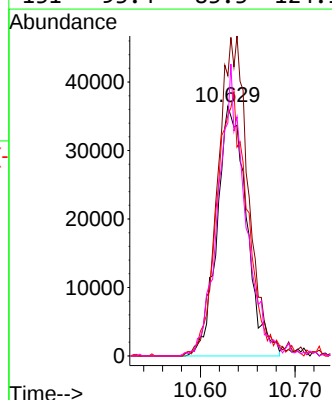
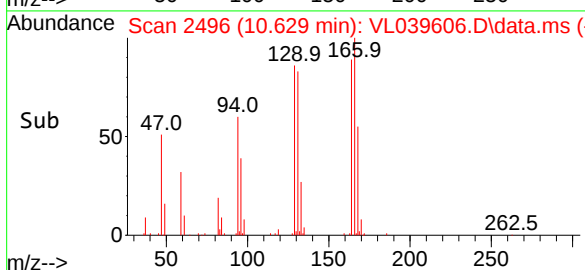
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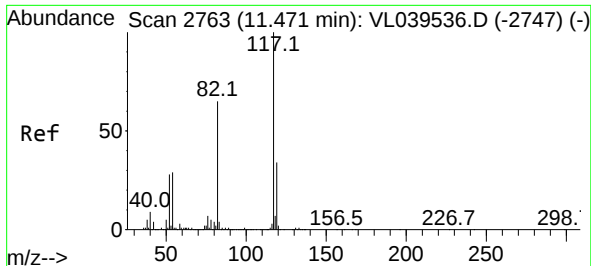


#52
Tetrachloroethene
Concen: 1.047 ppbv m
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL039606.D
Acq: 31 Aug 2022 13:24



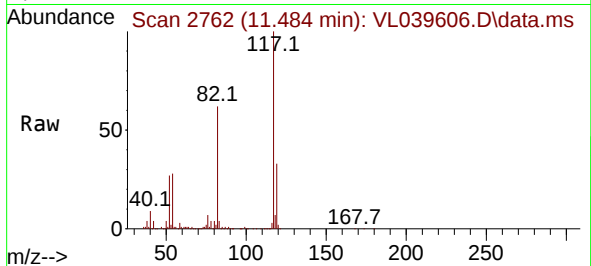
Tgt Ion:164 Resp: 79175
Ion Ratio Lower Upper
164 100
166 112.3 102.2 153.2
129 96.3 85.8 128.8
131 93.4 83.3 124.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 21
Delta R.T. 0.014 min
Lab File: VL039606.D
Acq: 31 Aug 2022 13:24

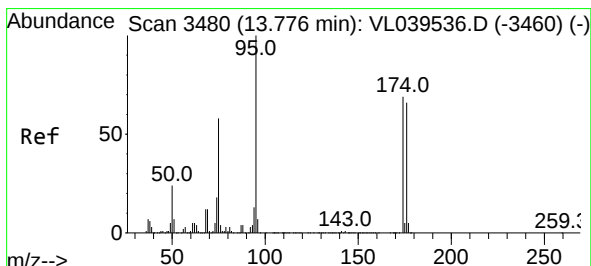
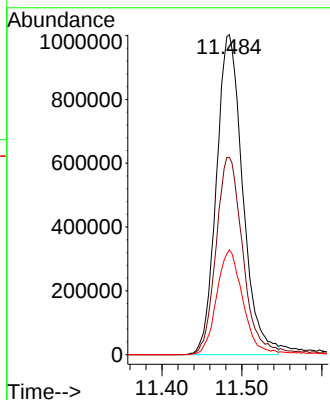
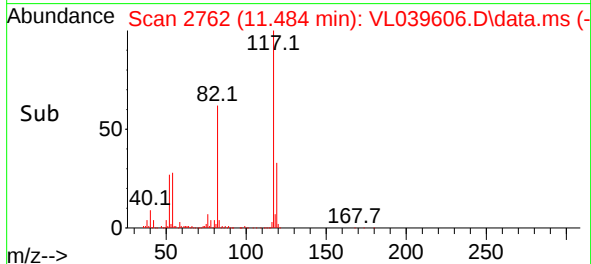
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Tgt Ion: 117 Resp: 228654
Ion Ratio Lower Upper
117 100
82 64.5 50.8 76.2
119 33.5 24.1 36.1

Manual Integrations
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Supervised By :Mahesh Dadoda 09/02/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.591 ppbv
RT: 13.793 min Scan# 3480
Delta R.T. 0.017 min
Lab File: VL039606.D
Acq: 31 Aug 2022 13:24

Tgt Ion: 95 Resp: 1654408
Ion Ratio Lower Upper
95 100
174 74.3 55.9 83.9
175 5.8 4.2 6.4

