

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL083122\
 Data File : VL039609.D
 Acq On : 31 Aug 2022 15:24
 Operator : SY/AP
 Sample : N4408-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVE-IN-082222DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 31 23:45:33 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 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	5.217	49	971102	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.674	114	2510066	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.484	117	2215721	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1612022	9.644	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%
Target Compounds						
2) Dichlorodifluoromethane	2.761	85	25430	0.197	ppbv	96
11) Trichlorofluoromethane	3.587	101	19940	0.141	ppbv	84
15) Acetone	3.500	43	591345	5.436	ppbv	92
20) Methylene Chloride	3.960	84	52398	1.186	ppbv	92
31) cis-1,2-Dichloroethene	5.105	61	217143	2.360	ppbv	96
32) 1,1,1-Trichloroethane	6.031	97	75787	0.580	ppbv	98
34) 2-Butanone	4.825	43	69499	0.557	ppbv	94
38) Trichloroethene	7.311	130	219936	2.145	ppbv	93
52) Tetrachloroethene	10.632	164	937738	12.954	ppbv	96
53) Toluene	9.240	91	27458m	0.128	ppbv	

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

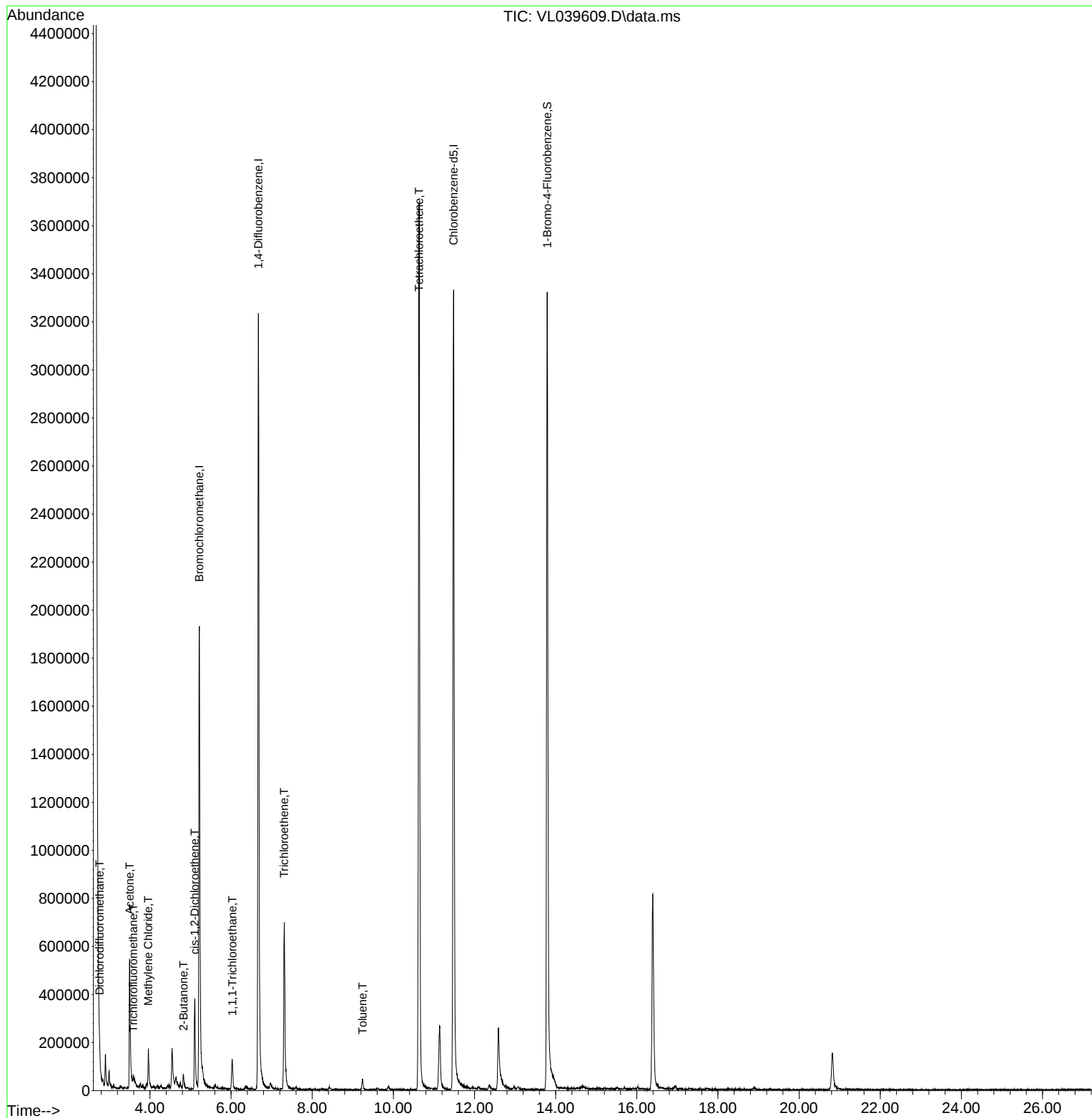
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL083122\
Data File : VL039609.D
Acq On : 31 Aug 2022 15:24
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Sample : N4408-01DL 4X
Misc : 400mL/MSVOA_L
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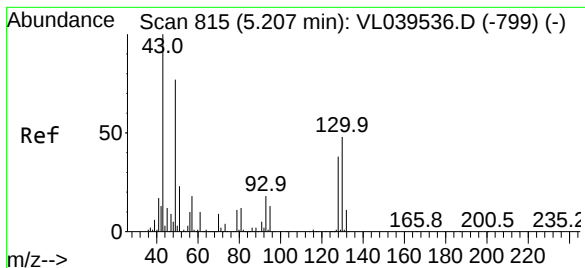
Instrument :
MSVOA_L
ClientSampleId :
SVE-IN-082222DL

Quant Time: Aug 31 23:45:33 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Aug 26 06:05:16 2022
Response via : Initial Calibration

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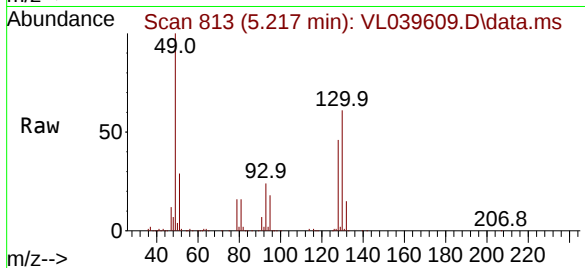
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.217 min Scan# 815
Delta R.T. 0.010 min
Lab File: VL039609.D
Acq: 31 Aug 2022 15:24

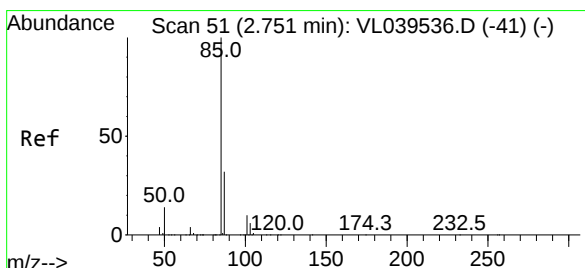
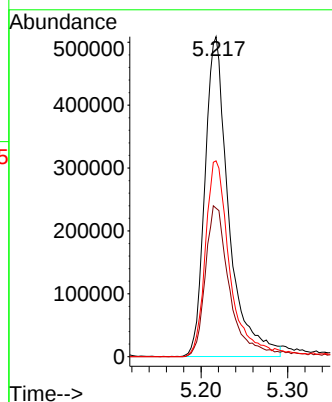
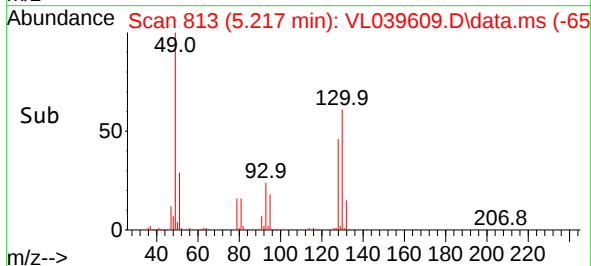
Instrument :
MSVOA_L
ClientSampleId :
SVE-IN-082222DL



Tgt Ion: 49 Resp: 971102
Ion Ratio Lower Upper
49 100
128 49.2 26.7 80.0
130 64.6 34.3 102.8

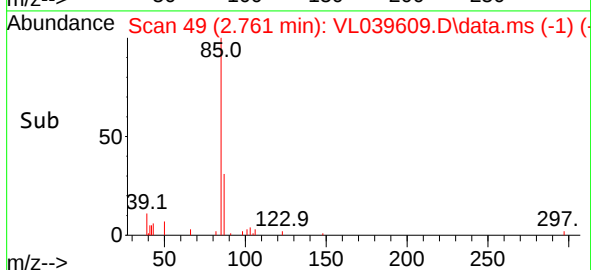
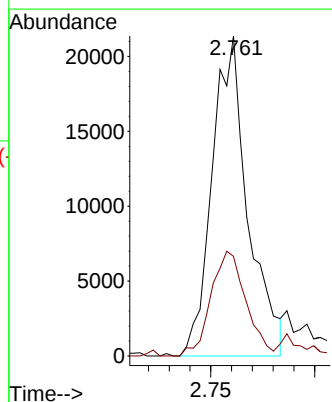
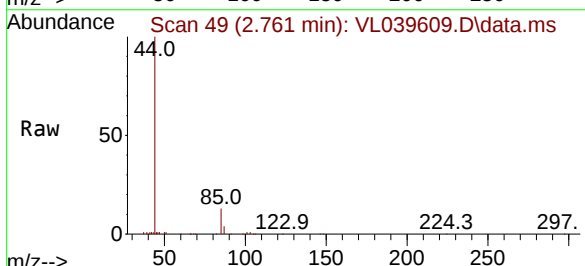
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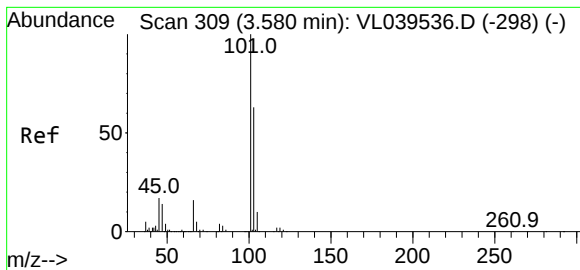
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#2
Dichlorodifluoromethane
Concen: 0.197 ppbv
RT: 2.761 min Scan# 49
Delta R.T. 0.010 min
Lab File: VL039609.D
Acq: 31 Aug 2022 15:24

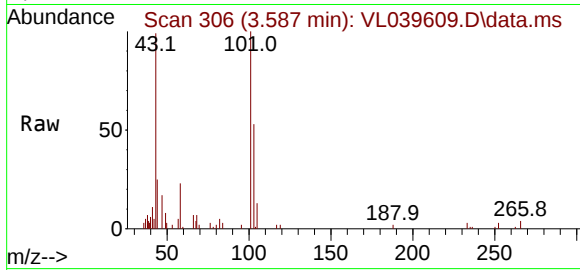
Tgt Ion: 85 Resp: 25430
Ion Ratio Lower Upper
85 100
87 31.1 26.7 40.1





#11
Trichlorofluoromethane
Concen: 0.141 ppbv
RT: 3.587 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039609.D
Acq: 31 Aug 2022 15:24

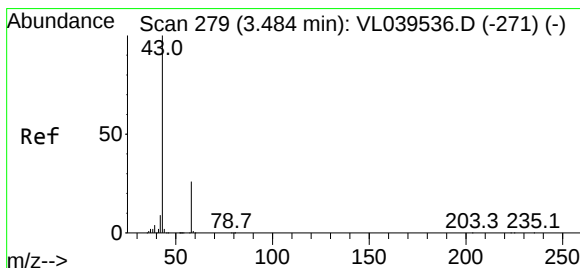
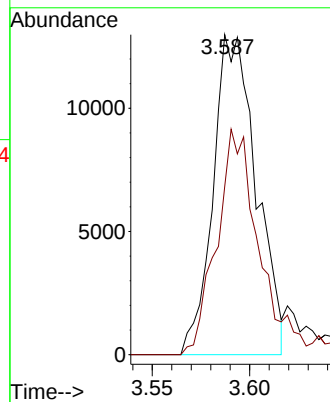
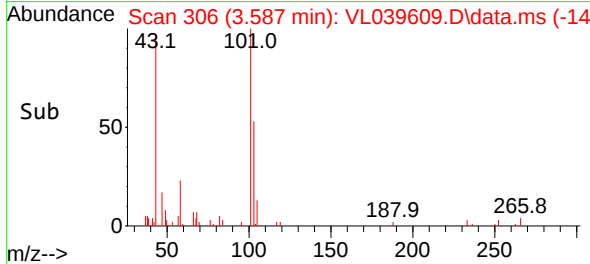
Instrument :
MSVOA_L
ClientSampleId :
SVE-IN-082222DL



Tgt Ion:101 Resp: 19940
Ion Ratio Lower Upper
101 100
103 52.5 51.8 77.8

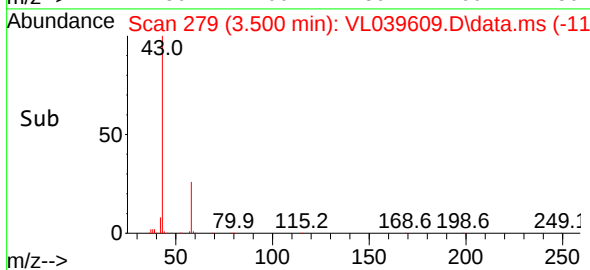
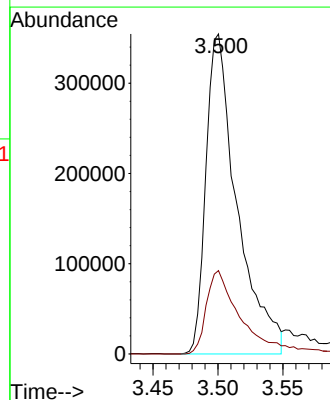
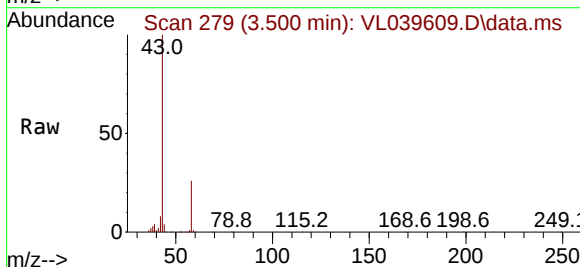
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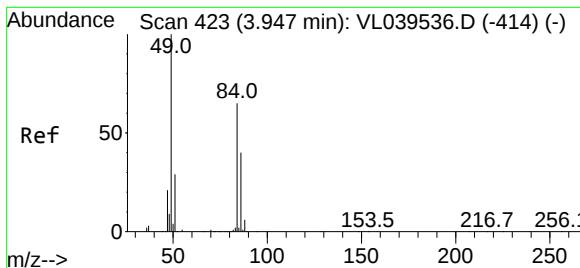
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#15
Acetone
Concen: 5.436 ppbv
RT: 3.500 min Scan# 279
Delta R.T. 0.017 min
Lab File: VL039609.D
Acq: 31 Aug 2022 15:24

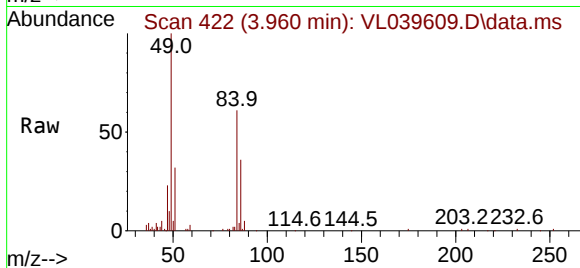
Tgt Ion: 43 Resp: 591345
Ion Ratio Lower Upper
43 100
58 30.6 21.0 31.6





#20
Methylene Chloride
Concen: 1.186 ppbv
RT: 3.960 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL039609.D
Acq: 31 Aug 2022 15:24

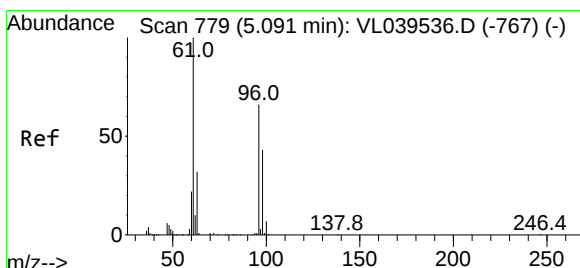
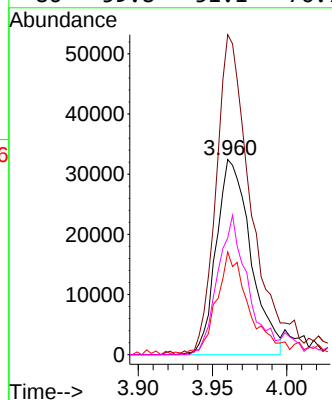
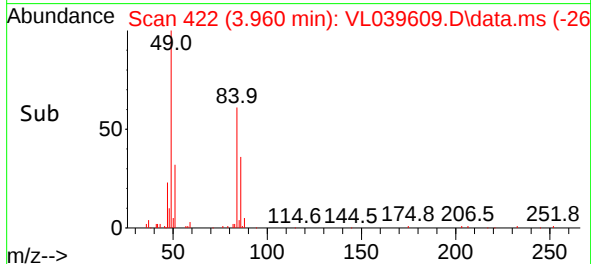
Instrument :
MSVOA_L
ClientSampleId :
SVE-IN-082222DL



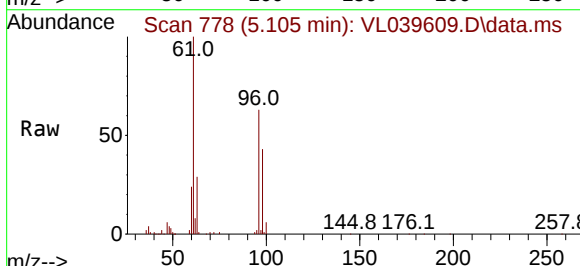
Tgt Ion: 84 Resp: 52398
Ion Ratio Lower Upper
84 100
49 163.4 123.1 184.7
51 51.6 34.4 51.6
86 59.8 51.1 76.7

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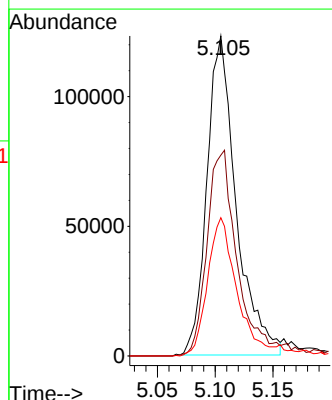
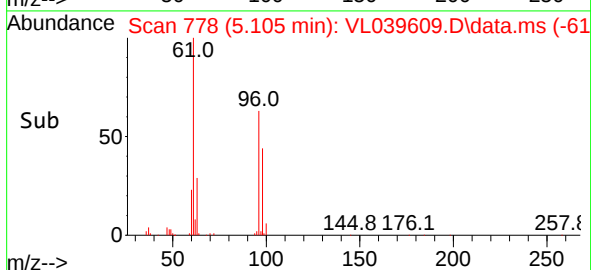
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

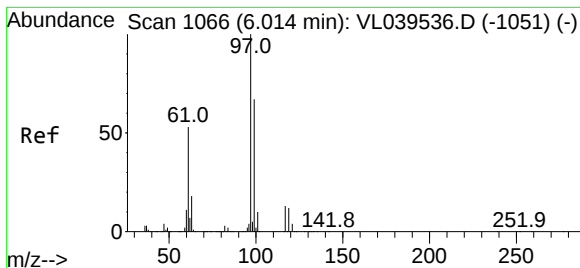


#31
cis-1,2-Dichloroethene
Concen: 2.360 ppbv
RT: 5.105 min Scan# 778
Delta R.T. 0.013 min
Lab File: VL039609.D
Acq: 31 Aug 2022 15:24



Tgt Ion: 61 Resp: 217143
Ion Ratio Lower Upper
61 100
96 62.6 54.1 81.1
98 43.3 34.6 52.0





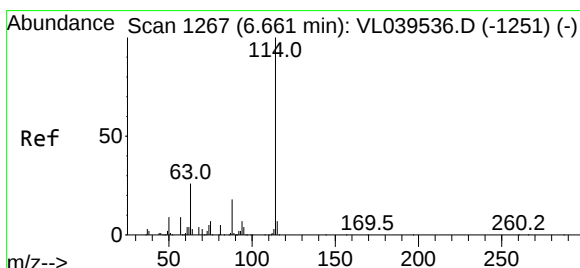
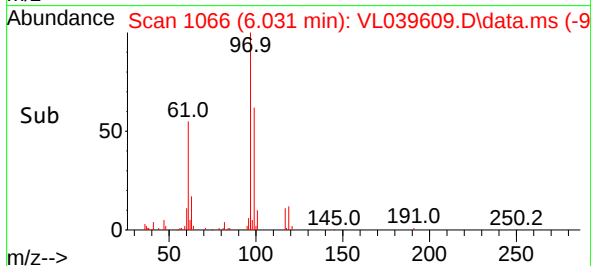
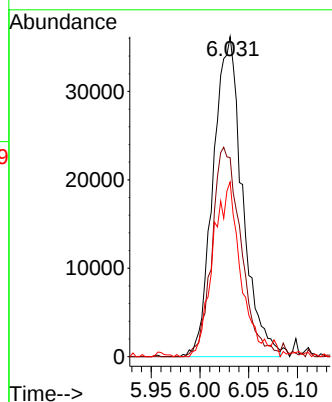
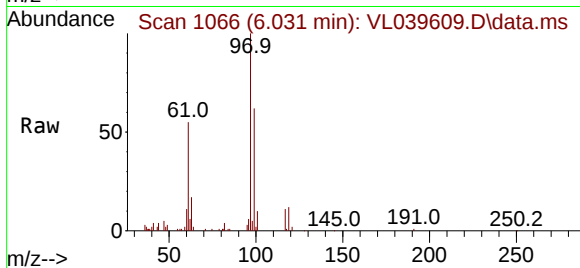
#32
1,1,1-Trichloroethane
Concen: 0.580 ppbv
RT: 6.031 min Scan# 1066
Delta R.T. 0.017 min
Lab File: VL039609.D
Acq: 31 Aug 2022 15:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-IN-082222DL

Tgt Ion: 97 Resp: 7578
Ion Ratio Lower Upper
97 100
99 66.2 52.3 78.5
61 53.7 40.9 61.3

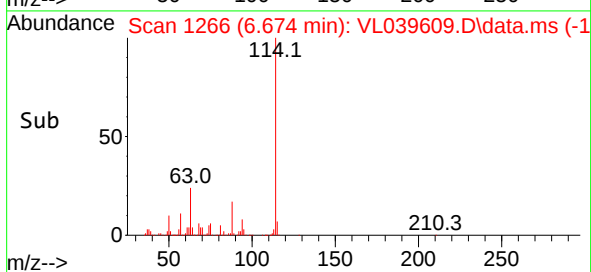
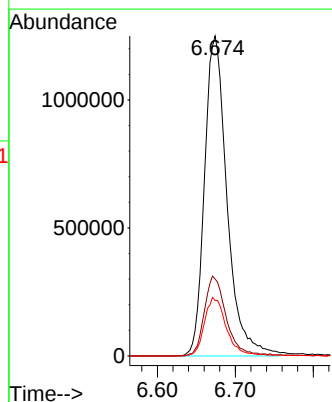
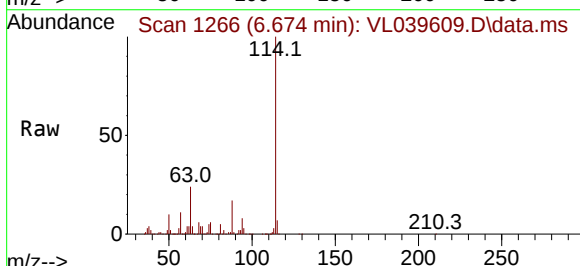
Manual Integrations
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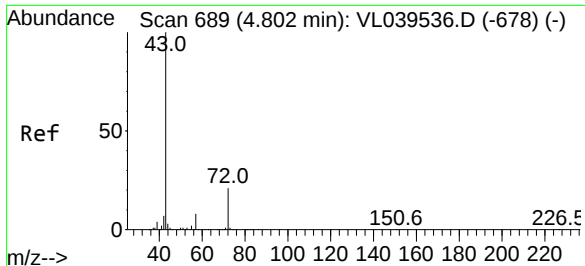
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 1266
Delta R.T. 0.013 min
Lab File: VL039609.D
Acq: 31 Aug 2022 15:24

Tgt Ion:114 Resp: 2510066
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.4
88 18.0 14.5 21.7





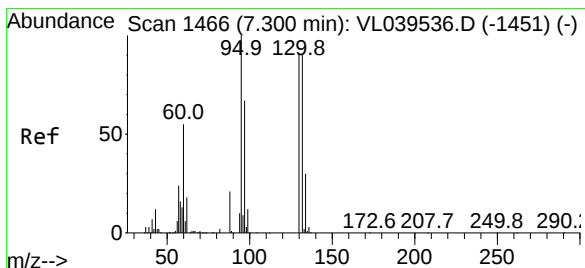
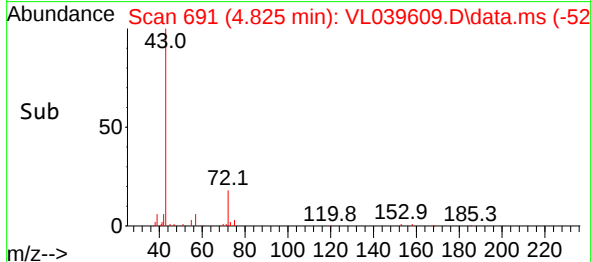
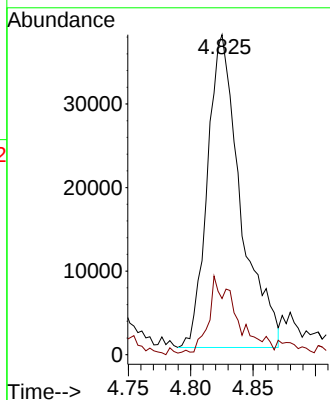
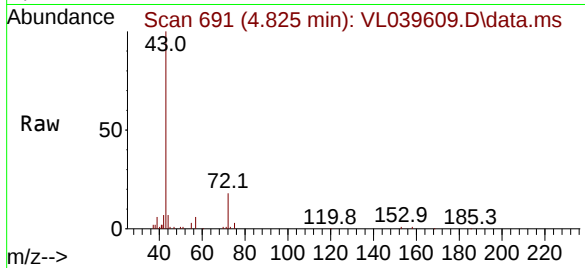
#34
2-Butanone
Concen: 0.557 ppbv
RT: 4.825 min Scan# 691
Delta R.T. 0.023 min
Lab File: VL039609.D
Acq: 31 Aug 2022 15:24

Instrument :
MSVOA_L
ClientSampleId :
SVE-IN-082222DL

Tgt Ion: 43 Resp: 6949
Ion Ratio Lower Upper
43 100
72 25.3 17.9 26.9

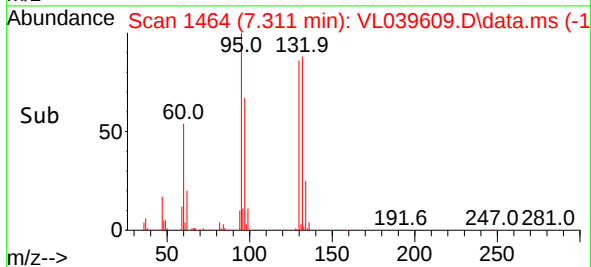
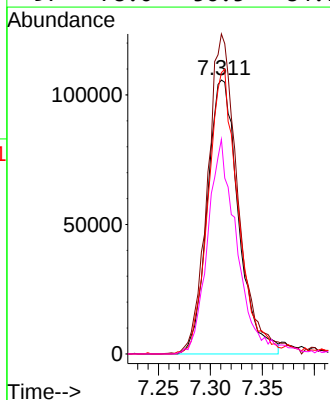
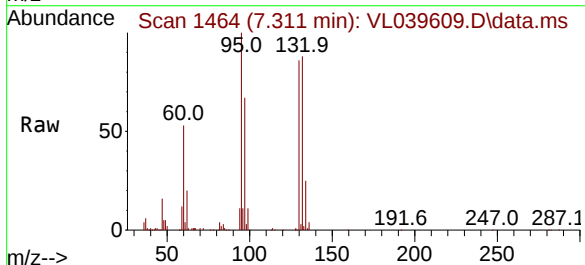
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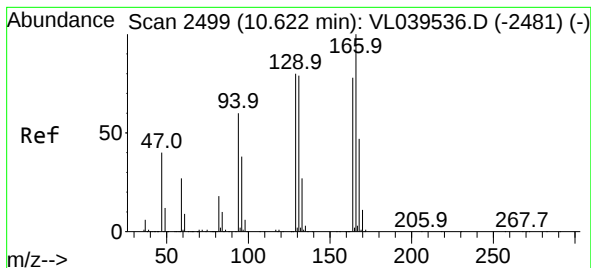
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#38
Trichloroethene
Concen: 2.145 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.010 min
Lab File: VL039609.D
Acq: 31 Aug 2022 15:24

Tgt Ion:130 Resp: 219936
Ion Ratio Lower Upper
130 100
95 116.6 87.3 130.9
132 101.8 76.7 115.1
97 78.0 56.5 84.7





#52

Tetrachloroethene

Concen: 12.954 ppbv

RT: 10.632 min Scan# 2499

Delta R.T. 0.010 min

Lab File: VL039609.D

Acq: 31 Aug 2022 15:24

Instrument :

MSVOA_L

ClientSampleId :

SVE-IN-082222DL

Tgt Ion:164 Resp: 937738

Ion Ratio Lower Upper

164 100

166 122.0 102.2 153.2

129 103.1 85.8 128.8

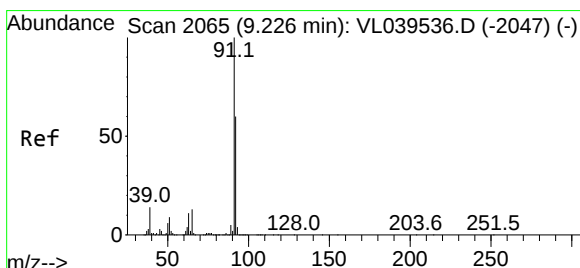
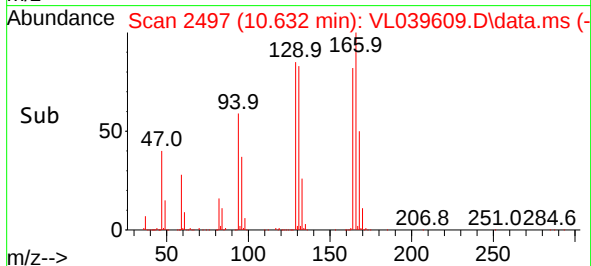
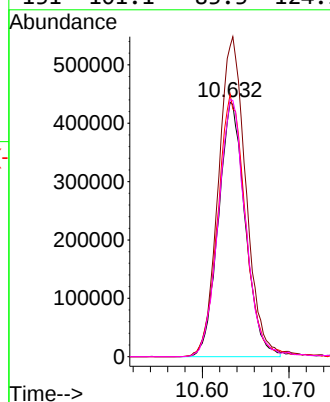
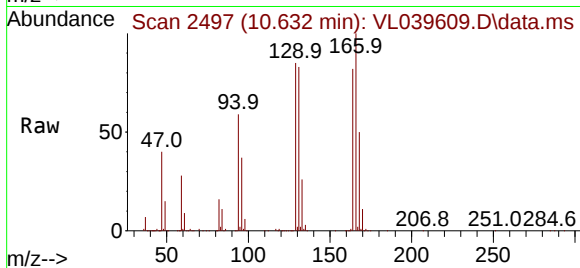
131 101.1 83.3 124.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#53

Toluene

Concen: 0.128 ppbv m

RT: 9.240 min Scan# 2064

Delta R.T. 0.013 min

Lab File: VL039609.D

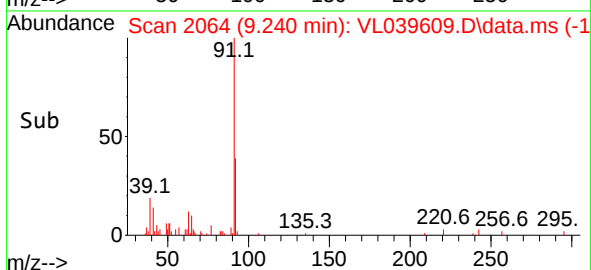
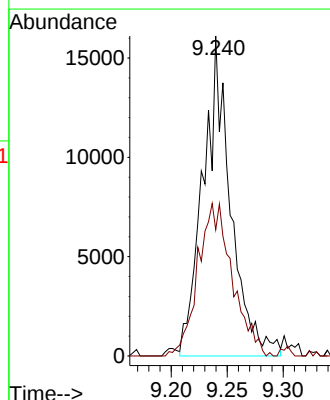
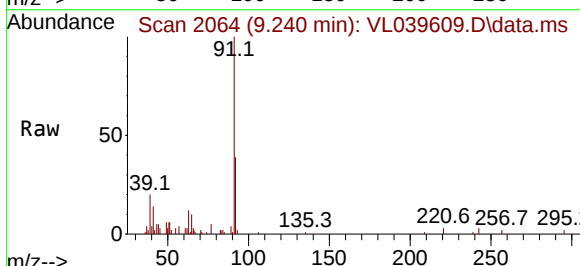
Acq: 31 Aug 2022 15:24

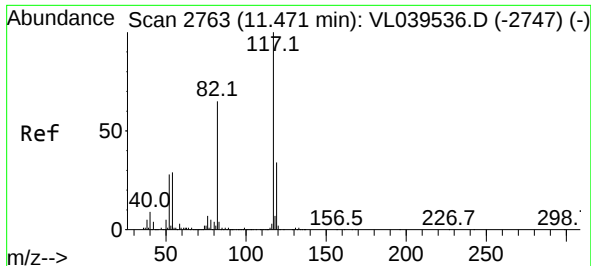
Tgt Ion: 91 Resp: 27458

Ion Ratio Lower Upper

91 100

92 59.7 48.2 72.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.484 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL039609.D

Acq: 31 Aug 2022 15:24

Instrument :

MSVOA_L

ClientSampleId :

SVE-IN-082222DL

Tgt Ion:117 Resp: 221572

Ion Ratio Lower Upper

117 100

82 65.2 50.8 76.2

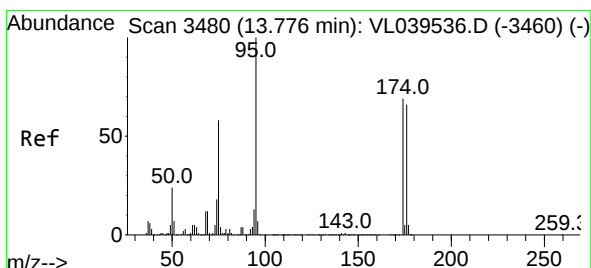
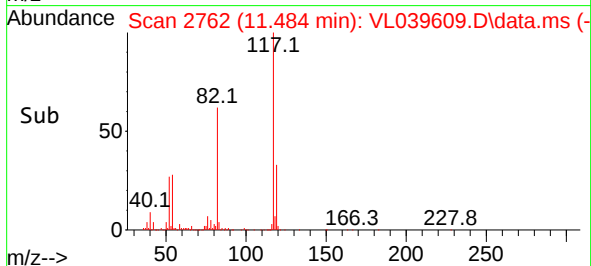
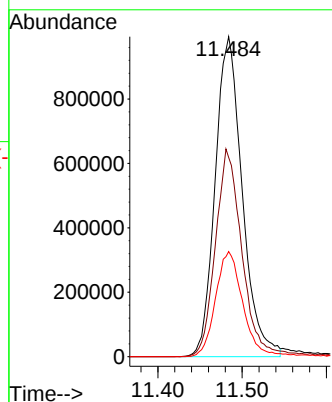
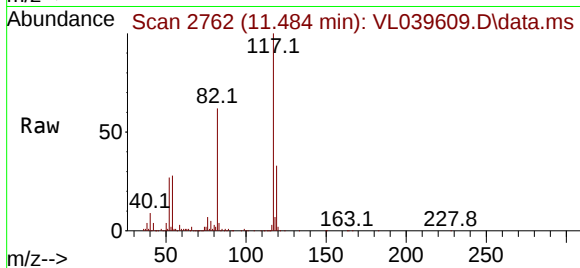
119 33.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.644 ppbv

RT: 13.793 min Scan# 3480

Delta R.T. 0.017 min

Lab File: VL039609.D

Acq: 31 Aug 2022 15:24

Tgt Ion: 95 Resp: 1612022

Ion Ratio Lower Upper

95 100

174 73.1 55.9 83.9

175 5.2 4.2 6.4

