

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039954.D
 Acq On : 1 Dec 2022 22:54
 Operator : SY/MD
 Sample : N5826-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 H302022-EFFLUENTDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 05:36:19 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Fri Dec 02 05:29:35 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	1129616	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.619	114	3238040	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.436	117	2948790	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2304326	10.231	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						
13) Ethanol	3.240	45	6895m	1.230	ppbv	Qvalue
15) Acetone	3.452	43	38789m	0.259	ppbv	
20) Methylene Chloride	3.902	84	52481	0.723	ppbv	93
25) Ethyl Acetate	5.179	43	100761	0.366	ppbv #	94
31) cis-1,2-Dichloroethene	5.047	61	23301m	0.210	ppbv	
32) 1,1,1-Trichloroethane	5.967	97	17339m	0.087	ppbv	
38) Trichloroethene	7.256	130	55669m	0.362	ppbv	
52) Tetrachloroethene	10.581	164	63160m	0.613	ppbv	

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

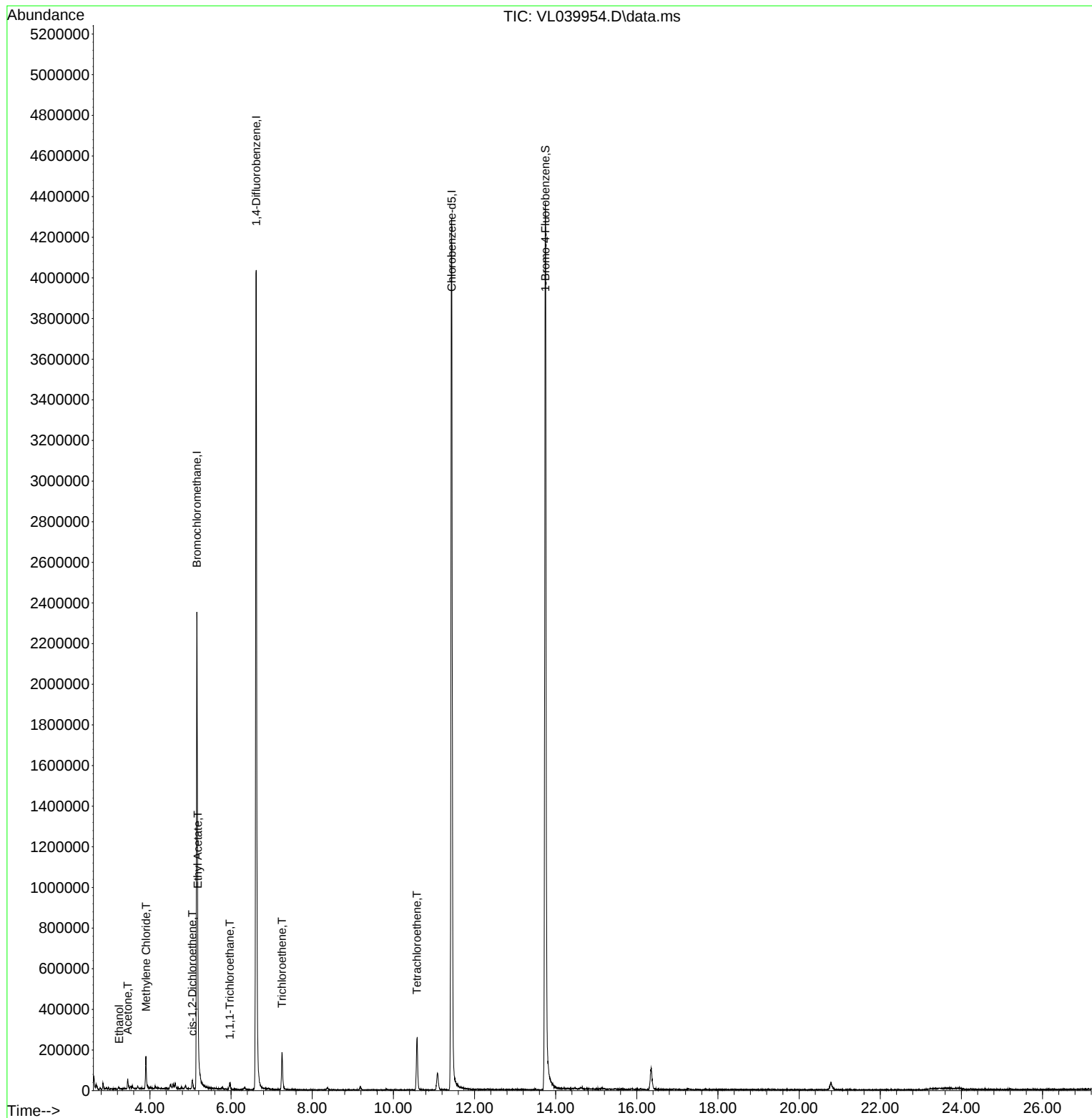
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
Data File : VL039954.D
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Misc : 400mL/MSVOA_L
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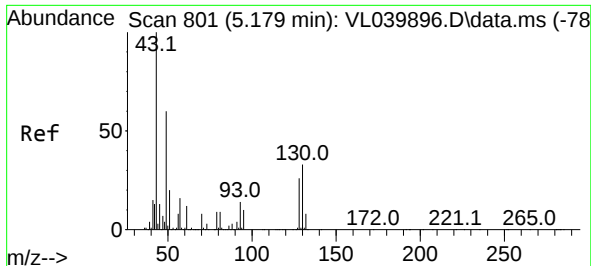
Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENTDL

Quant Time: Dec 02 05:36:19 2022
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Dec 02 05:29:35 2022
Response via : Initial Calibration

Manual Integrations
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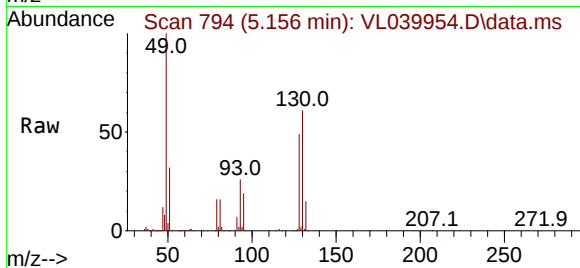
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. -0.017 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

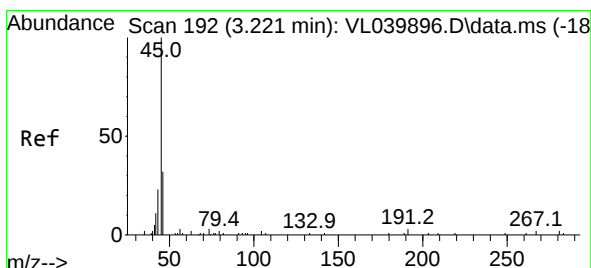
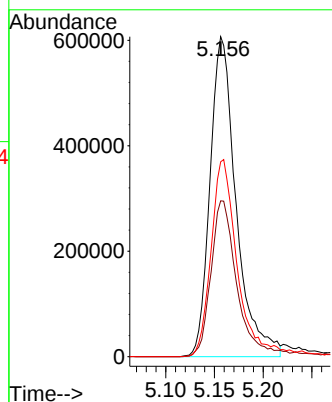
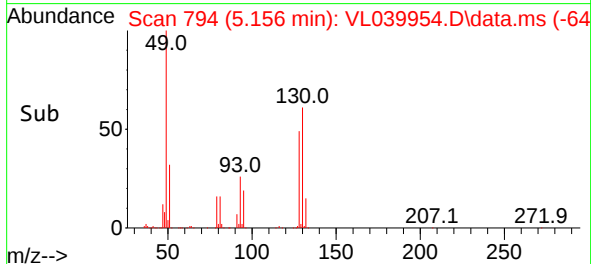
Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENTDL



Tgt Ion: 49 Resp: 1129610
Ion Ratio Lower Upper
49 100
128 50.6 22.1 66.3
130 63.6 27.7 83.1

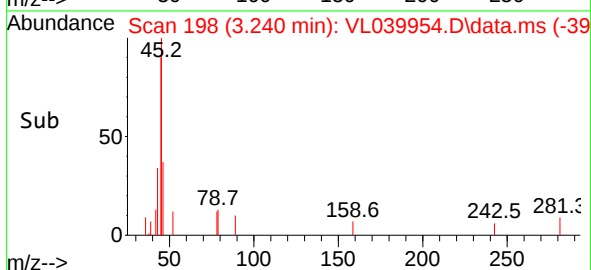
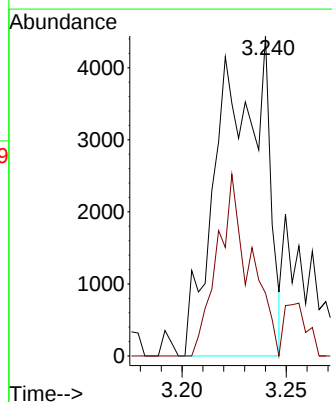
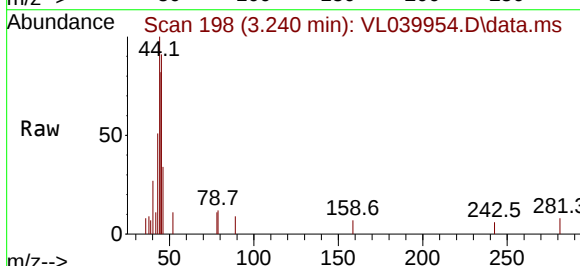
Manual Integrations
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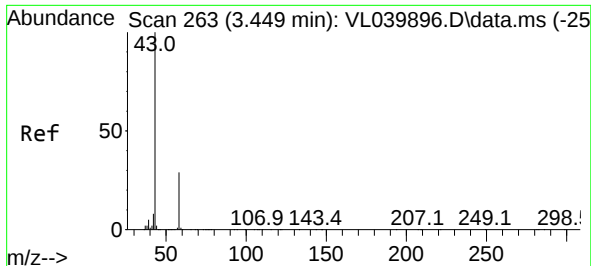
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#13
Ethanol
Concen: 1.230 ppbv m
RT: 3.240 min Scan# 198
Delta R.T. 0.013 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Tgt Ion: 45 Resp: 6895
Ion Ratio Lower Upper
45 100
46 48.5 14.6 58.2





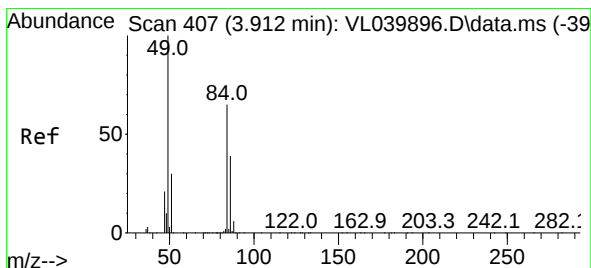
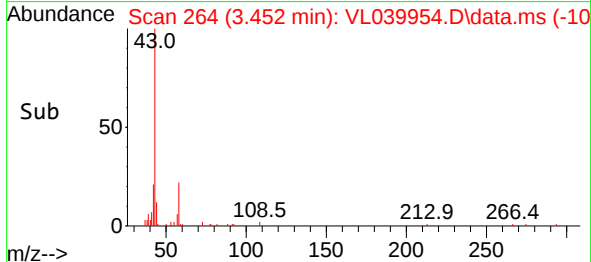
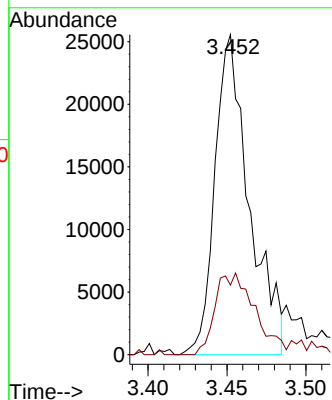
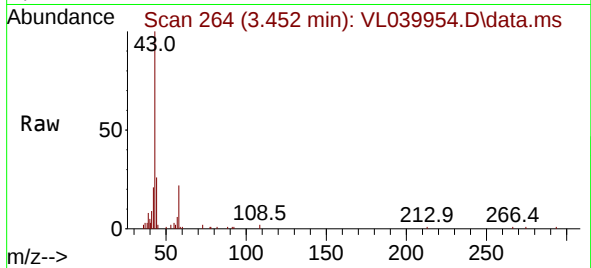
#15
Acetone
Concen: 0.259 ppbv m
RT: 3.452 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
H302022-EFFLUENTDL

Tgt Ion: 43 Resp: 38789
Ion Ratio Lower Upper
43 100
58 32.4 22.9 34.3

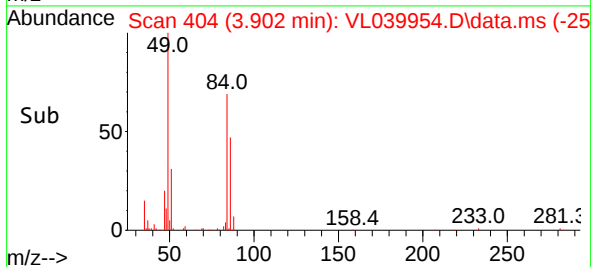
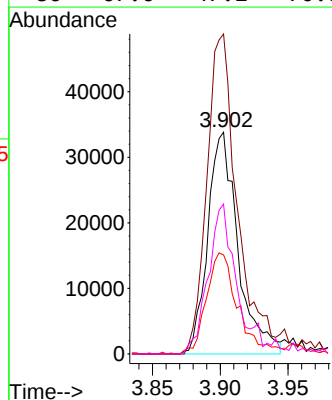
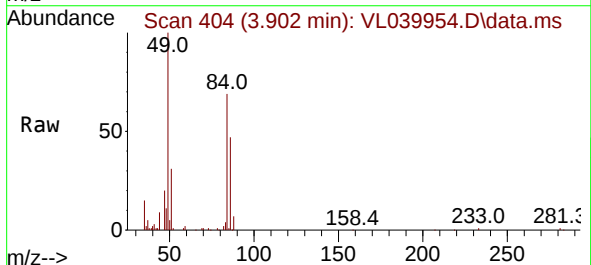
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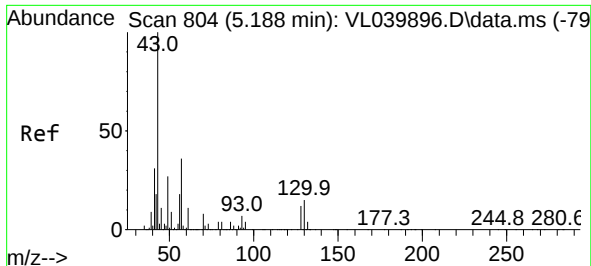
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#20
Methylene Chloride
Concen: 0.723 ppbv
RT: 3.902 min Scan# 404
Delta R.T. -0.010 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

Tgt Ion: 84 Resp: 52481
Ion Ratio Lower Upper
84 100
49 144.3 122.2 183.4
51 44.6 36.3 54.5
86 67.6 47.2 70.8





#25

Ethyl Acetate

Concen: 0.366 ppbv

RT: 5.179 min Scan# 804

Delta R.T. -0.007 min

Lab File: VL039954.D

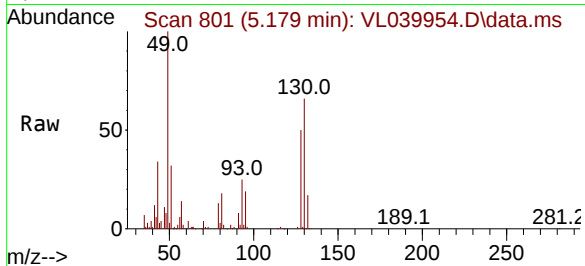
Acq: 1 Dec 2022 22:54

Instrument :

MSVOA_L

ClientSampleId :

H302022-EFFLUENTDL



Tgt Ion: 43 Resp: 10076

Ion Ratio Lower Upper

43 100

45 13.6 8.4 12.6

61 13.0 8.5 12.7

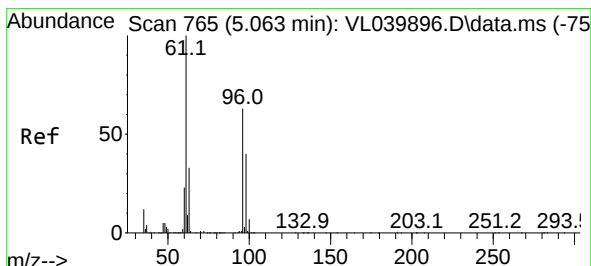
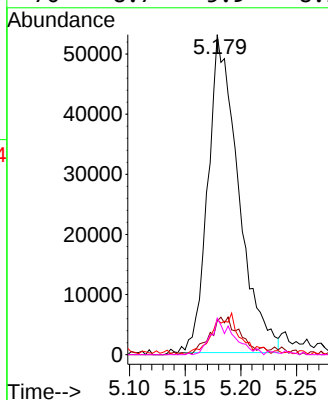
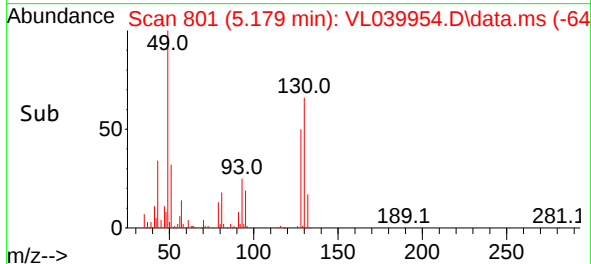
70 8.7 5.9 8.9

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#31

cis-1,2-Dichloroethene

Concen: 0.210 ppbv m

RT: 5.047 min Scan# 760

Delta R.T. -0.010 min

Lab File: VL039954.D

Acq: 1 Dec 2022 22:54

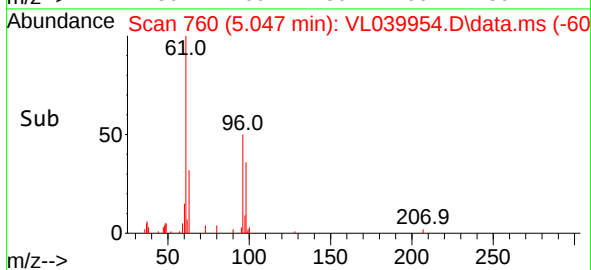
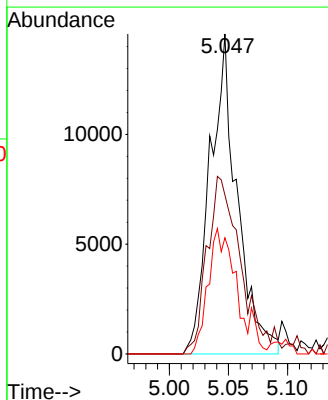
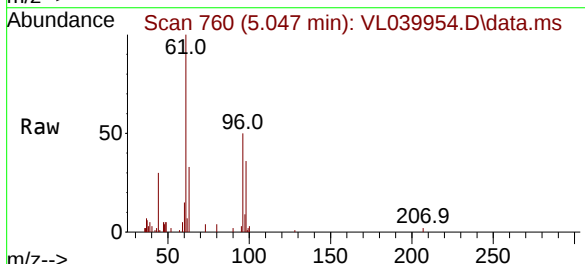
Tgt Ion: 61 Resp: 23301

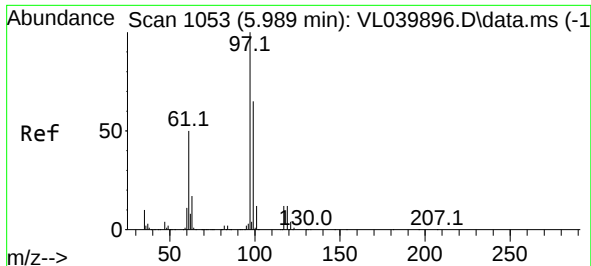
Ion Ratio Lower Upper

61 100

96 49.6 50.3 75.5

98 36.3 32.2 48.2





#32

1,1,1-Trichloroethane

Concen: 0.087 ppbv

RT: 5.967 min Scan# 1046

Delta R.T. -0.016 min

Lab File: VL039954.D

Acq: 1 Dec 2022 22:54

Instrument :

MSVOA_L

ClientSampleId :

H302022-EFFLUENTDL

Tgt Ion: 97 Resp: 17339

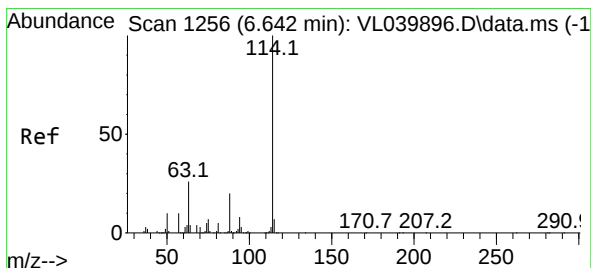
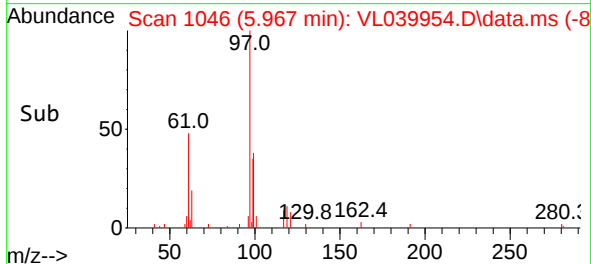
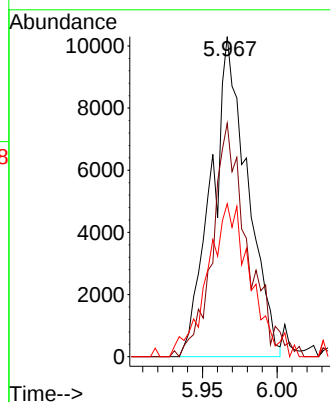
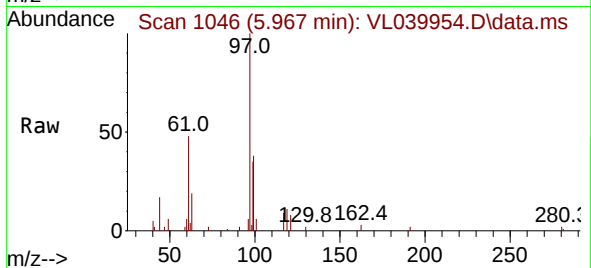
Ion	Ratio	Lower	Upper
97	100		
99	71.0	51.4	77.0
61	57.0	40.7	61.1

Manual Integrations

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.619 min Scan# 1249

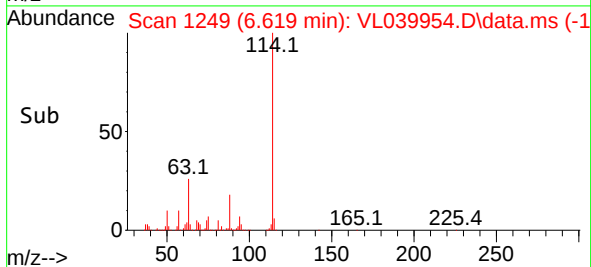
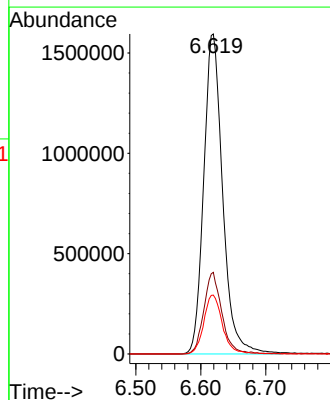
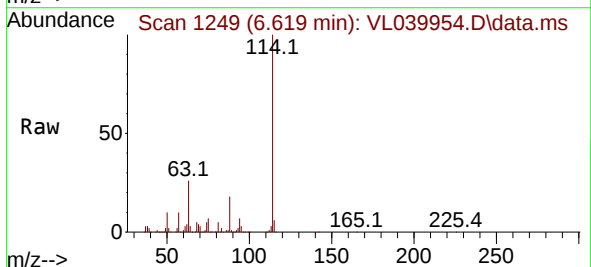
Delta R.T. -0.016 min

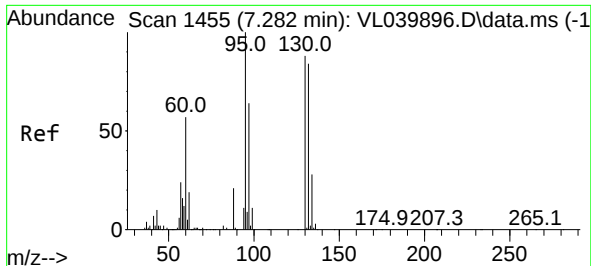
Lab File: VL039954.D

Acq: 1 Dec 2022 22:54

Tgt Ion:114 Resp: 3238040

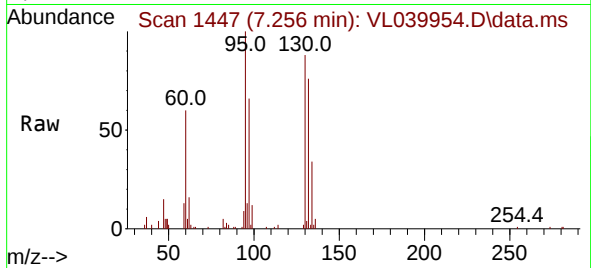
Ion	Ratio	Lower	Upper
114	100		
63	24.4	21.4	32.0
88	18.2	15.3	22.9





#38
 Trichloroethene
 Concen: 0.362 ppbv m
 RT: 7.256 min Scan# 1455
 Delta R.T. -0.019 min
 Lab File: VL039954.D
 Acq: 1 Dec 2022 22:54

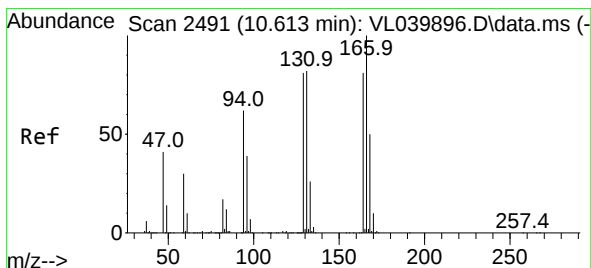
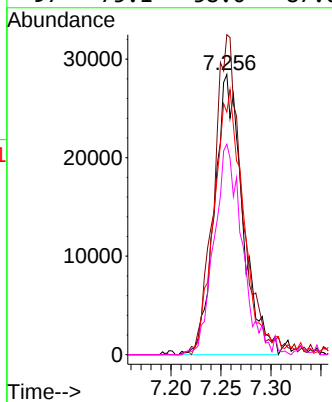
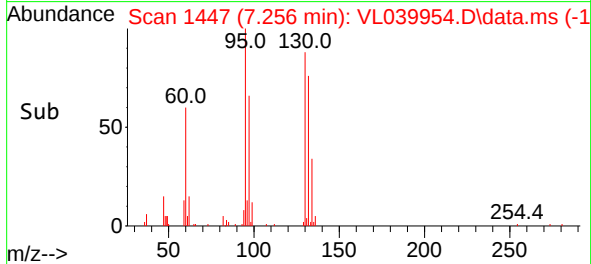
Instrument : MSVOA_L
 ClientSampleId : H302022-EFFLUENTDL



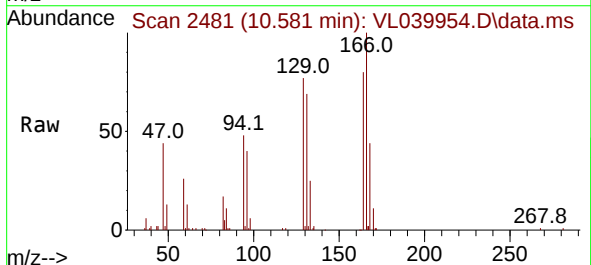
Tgt Ion:130 Resp: 55669
 Ion Ratio Lower Upper
 130 100
 95 114.2 90.6 135.8
 132 86.6 76.2 114.4
 97 75.1 58.0 87.0

Manual Integrations
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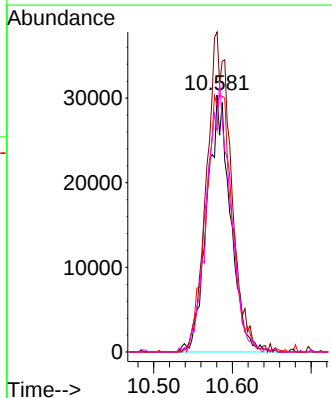
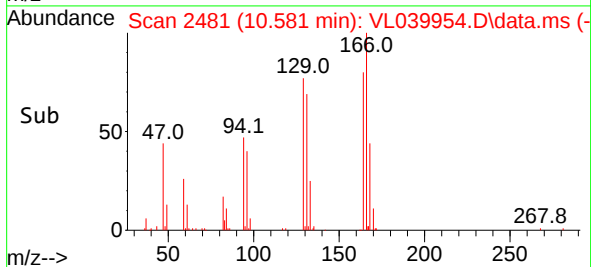
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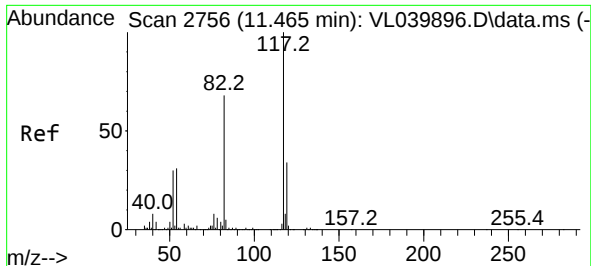


#52
 Tetrachloroethene
 Concen: 0.613 ppbv m
 RT: 10.581 min Scan# 2481
 Delta R.T. -0.023 min
 Lab File: VL039954.D
 Acq: 1 Dec 2022 22:54



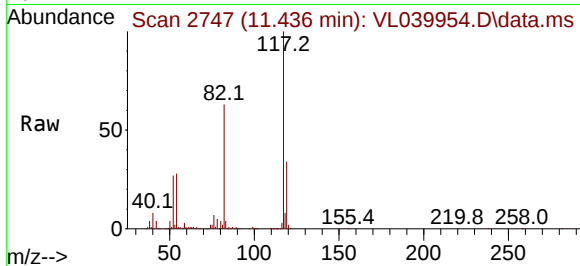
Tgt Ion:164 Resp: 63160
 Ion Ratio Lower Upper
 164 100
 166 124.5 98.3 147.5
 129 96.0 79.7 119.5
 131 86.3 80.2 120.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54

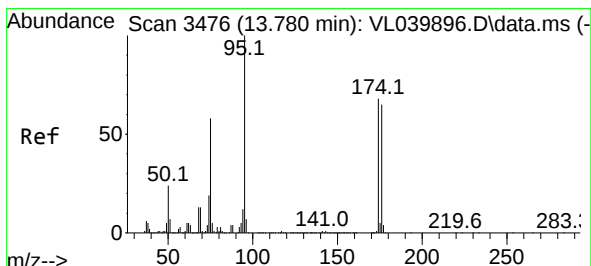
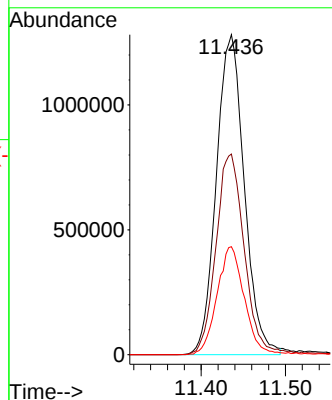
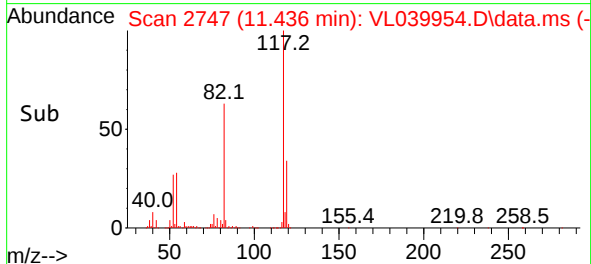
Instrument :
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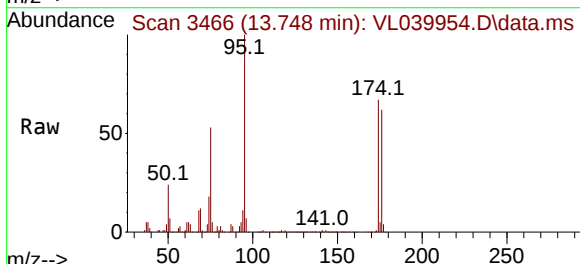
Tgt Ion:117 Resp: 2948790
Ion Ratio Lower Upper
117 100
82 64.1 52.3 78.5
119 33.4 25.7 38.5

Manual Integrations
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Supervised By :Mahesh Dadoda 12/05/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.231 ppbv
RT: 13.748 min Scan# 3466
Delta R.T. -0.016 min
Lab File: VL039954.D
Acq: 1 Dec 2022 22:54



Tgt Ion: 95 Resp: 2304326
Ion Ratio Lower Upper
95 100
174 66.0 53.7 80.5
175 4.9 4.0 6.0

