

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110221\
 Data File : VL037973.D
 Acq On : 2 Nov 2021 18:27
 Operator : SY/AP
 Sample : M4425-01DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021

Quant Time: Nov 03 03:50:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Nov 03 03:50:36 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	1333923	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	3859379	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.066	117	3362691	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	2363860	9.671	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.700%
Target Compounds						
						Qvalue
38) Trichloroethene	7.822	130	22140m	0.170	ppbv	
52) Tetrachloroethene	11.208	164	475795	3.991	ppbv	94

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

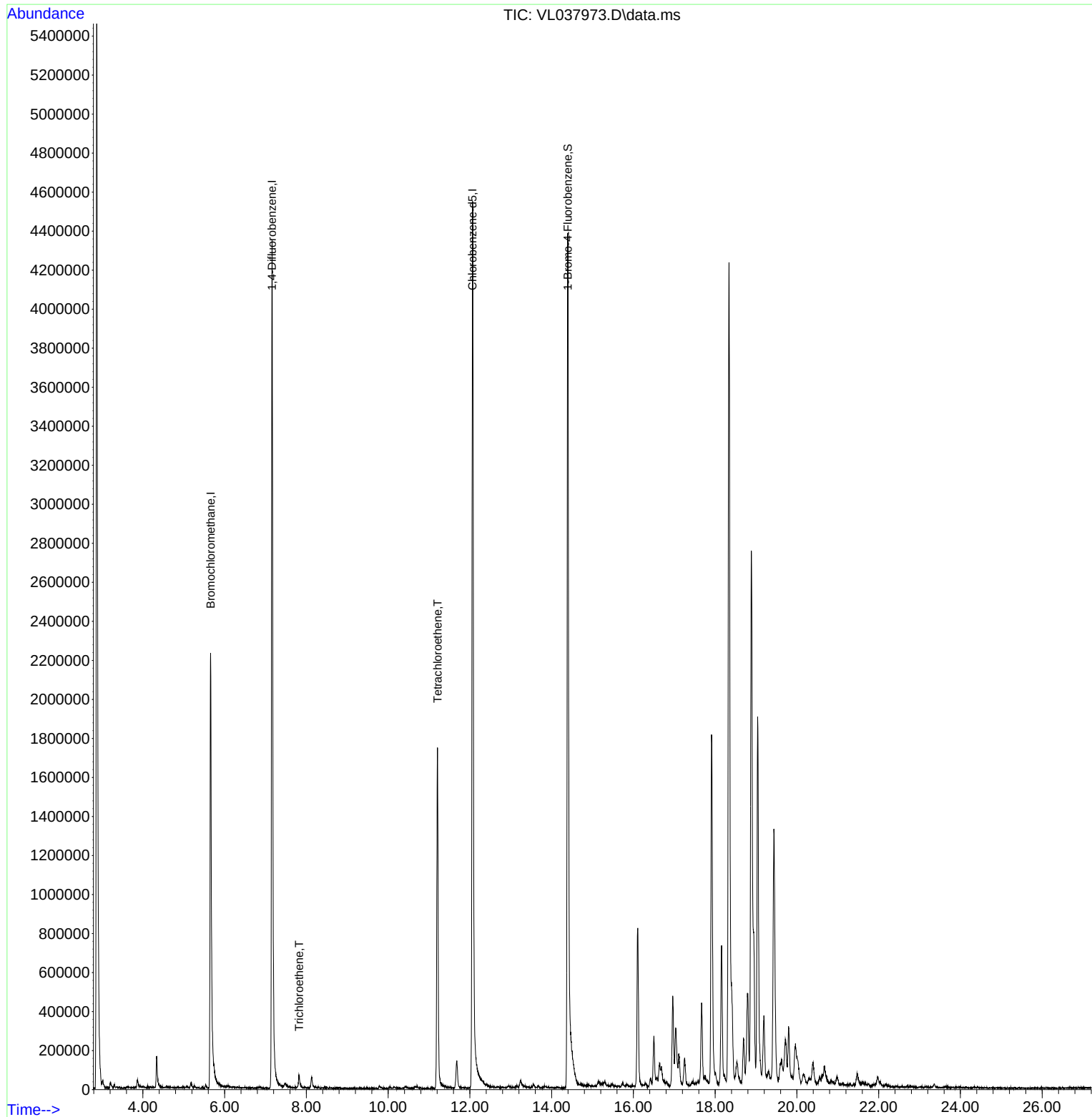
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110221\
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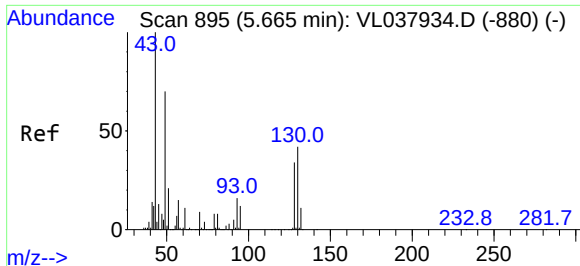
Instrument :
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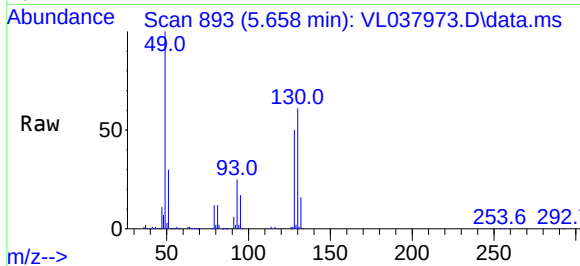
Quant Time: Nov 03 03:50:36 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 895
Delta R.T. -0.006 min
Lab File: VL037973.D
Acq: 2 Nov 2021 18:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

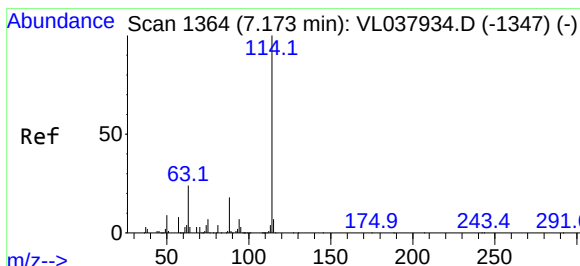
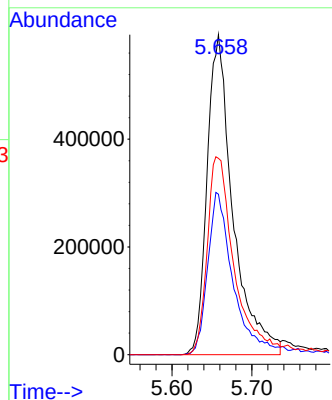
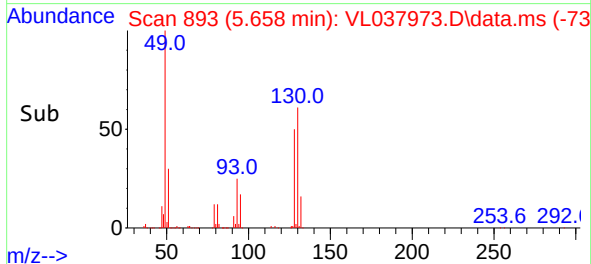


Tgt Ion: 49 Resp: 133392

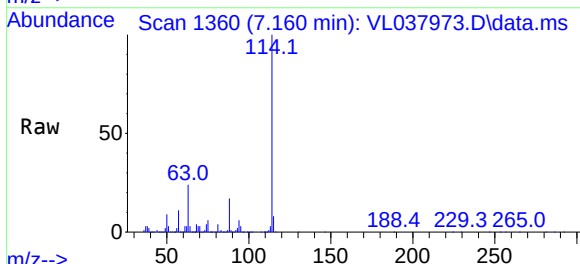
Ion	Ratio	Lower	Upper
49	100		
128	52.6	27.0	81.0
130	67.6	33.4	100.2

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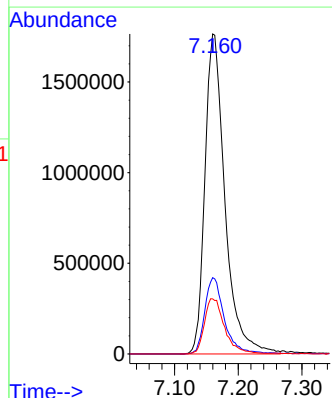
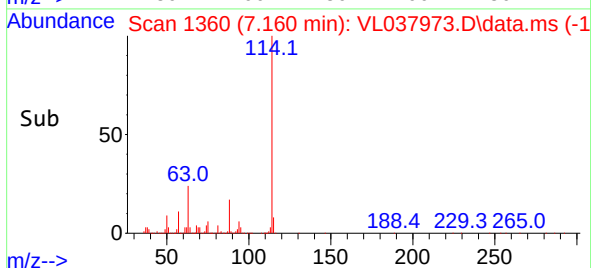


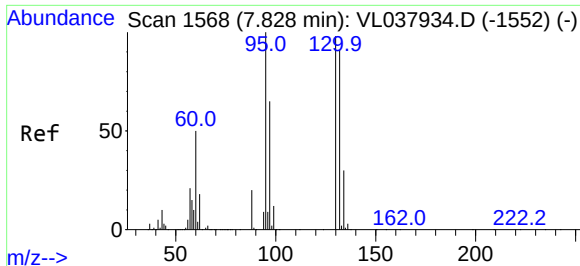
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1360
Delta R.T. -0.013 min
Lab File: VL037973.D
Acq: 2 Nov 2021 18:27



Tgt Ion:114 Resp: 3859379

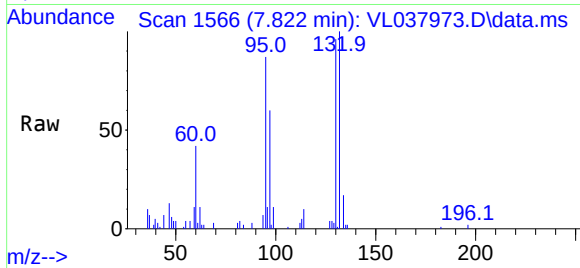
Ion	Ratio	Lower	Upper
114	100		
63	23.4	19.4	29.0
88	17.7	14.2	21.4





#38
Trichloroethene
Concen: 0.170 ppbv m
RT: 7.822 min Scan# 1
Delta R.T. -0.006 min
Lab File: VL037973.D
Acq: 2 Nov 2021 18:27

Instrument :
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ClientSampleId :
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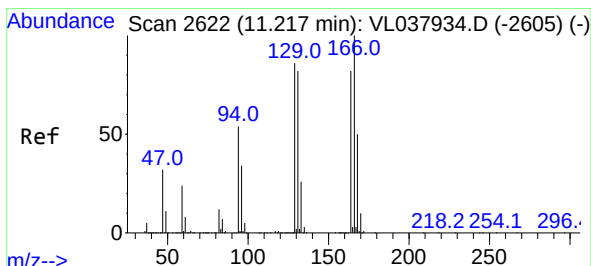
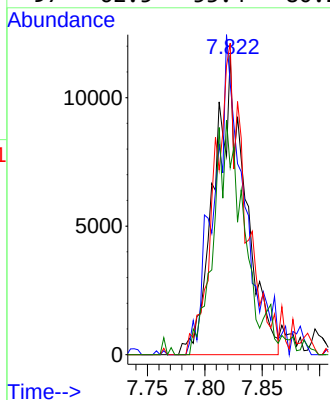
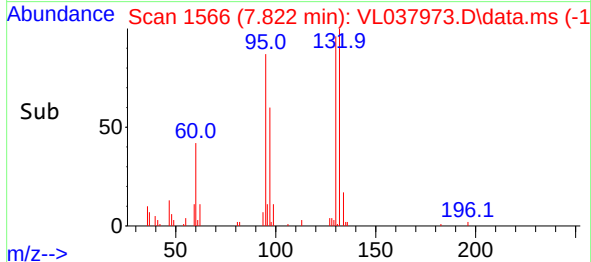


Tgt Ion:130 Resp: 22140

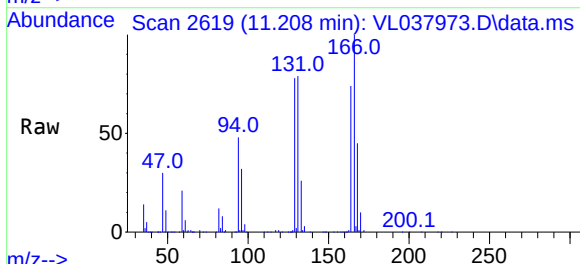
Ion	Ratio	Lower	Upper
130	100		
95	90.7	81.8	122.8
132	104.0	74.2	111.2
97	62.5	53.4	80.2

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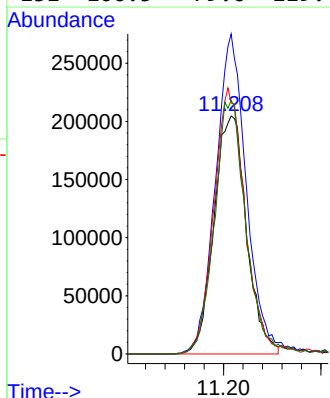
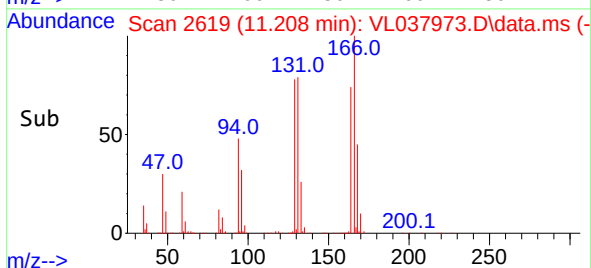


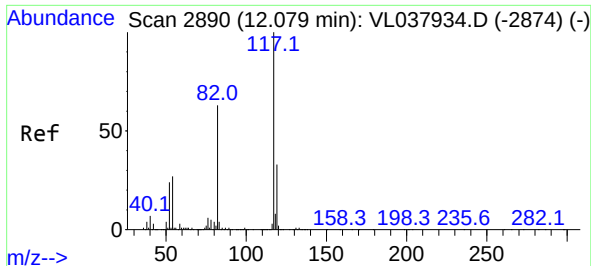
#52
Tetrachloroethene
Concen: 3.991 ppbv
RT: 11.208 min Scan# 2619
Delta R.T. -0.010 min
Lab File: VL037973.D
Acq: 2 Nov 2021 18:27



Tgt Ion:164 Resp: 475795

Ion	Ratio	Lower	Upper
164	100		
166	134.2	97.6	146.4
129	105.1	84.2	126.2
131	106.5	79.6	119.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.066 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL037973.D

Acq: 2 Nov 2021 18:27

Instrument :

MSVOA_L

ClientSampleId :

SV1DL2

Tgt Ion:117 Resp: 336269

Ion Ratio Lower Upper

117 100

82 64.9 51.0 76.6

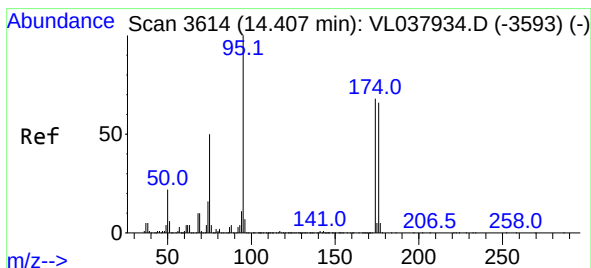
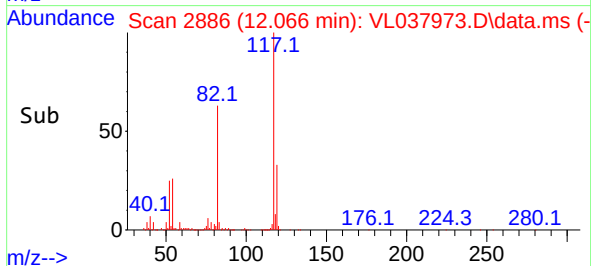
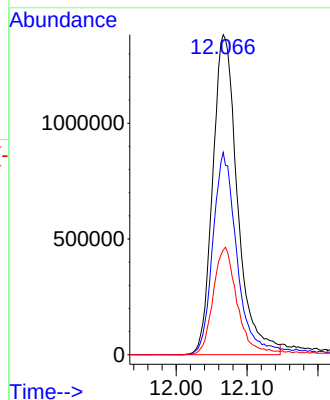
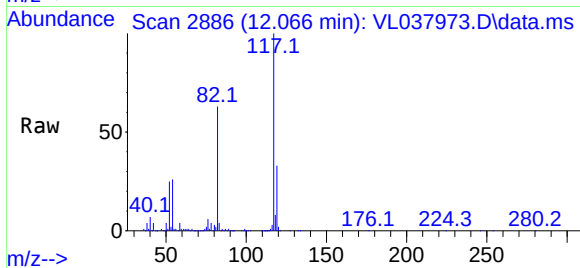
119 33.2 26.9 40.3

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.671 ppbv

RT: 14.394 min Scan# 3610

Delta R.T. -0.013 min

Lab File: VL037973.D

Acq: 2 Nov 2021 18:27

Tgt Ion: 95 Resp: 2363860

Ion Ratio Lower Upper

95 100

174 76.5 58.3 87.5

175 5.9 4.6 6.8

