

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
 Data File : VL036252.D
 Acq On : 20 Jan 2021 18:32
 Operator : SY/AP
 Sample : M1171-03DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3DL

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 10:36:12 AM

Quant Time: Jan 21 01:35:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1418809	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	2988336	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.085	117	2709664	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.416	95	2157197	9.62	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.20%
Target Compounds						
						Qvalue
13) Ethanol	3.610	45	90527m	6.95	ppbv	
20) Methylene Chloride	4.343	84	108970	1.96	ppbv	94

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

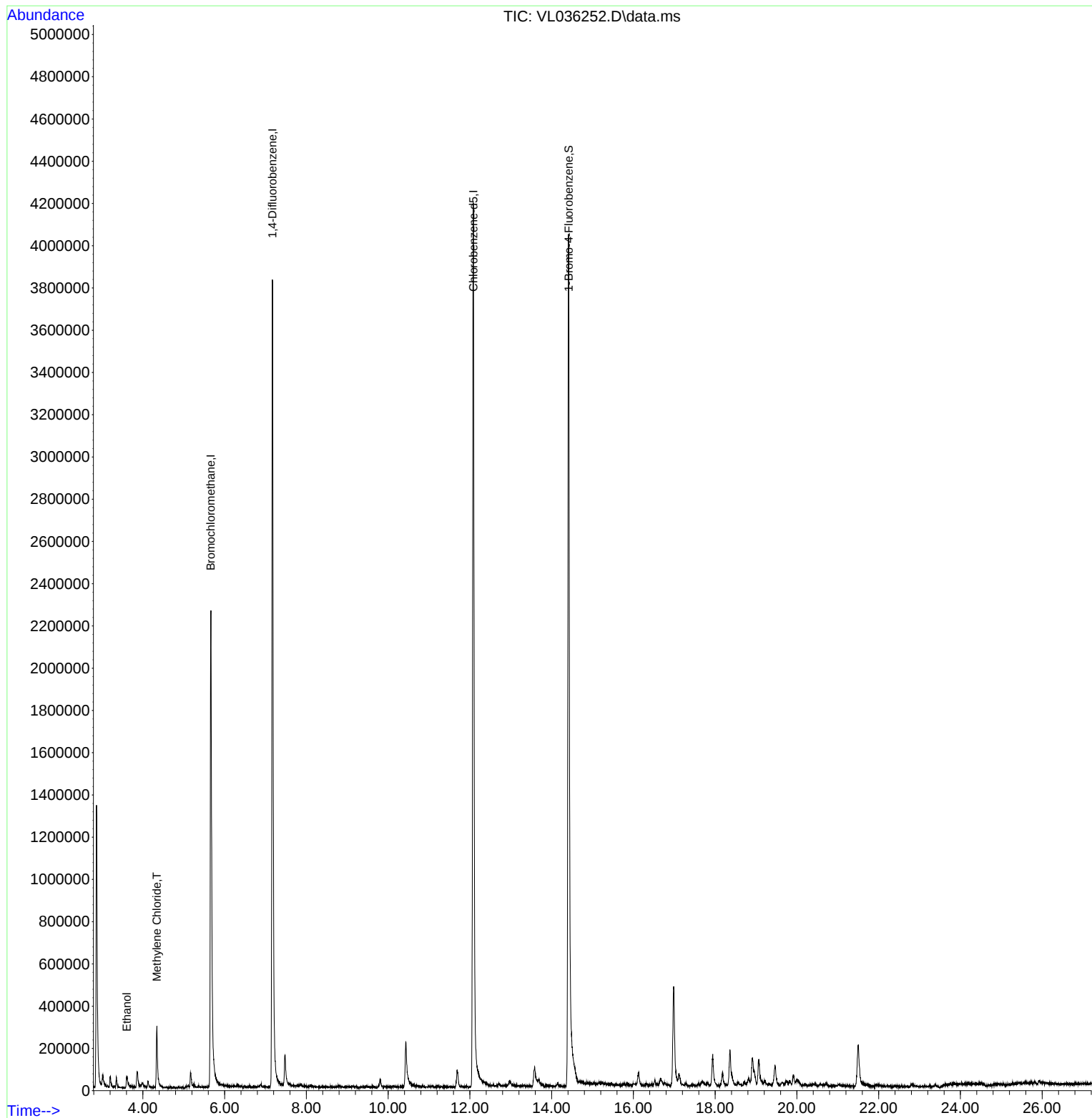
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
Data File : VL036252.D
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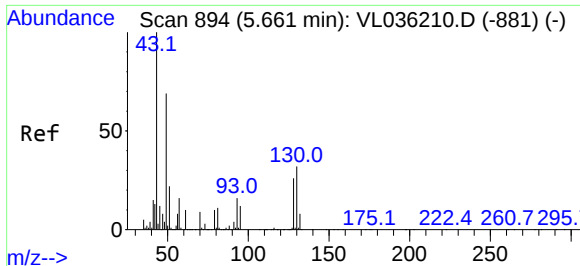
Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

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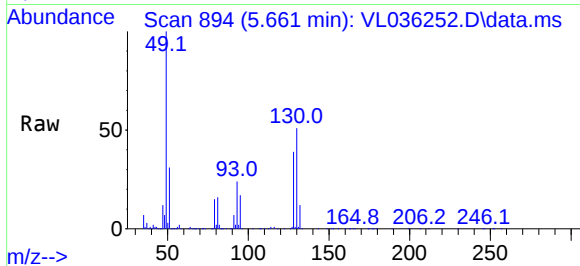
Quant Time: Jan 21 01:35:48 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.000 min
Lab File: VL036252.D
Acq: 20 Jan 2021 18:32

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

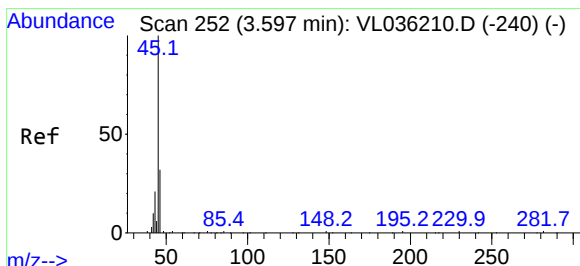
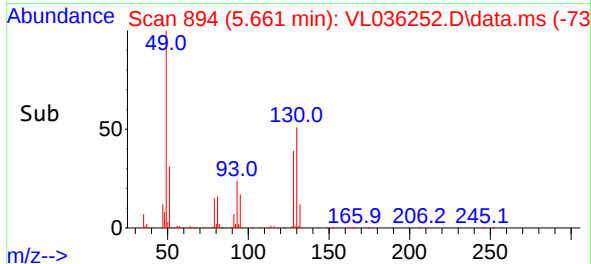
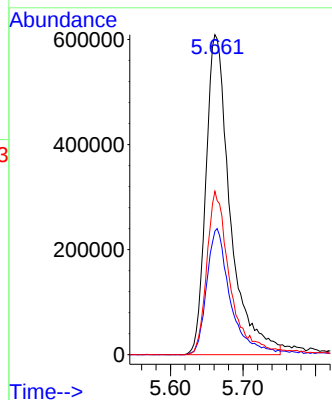


Tgt Ion: 49 Resp: 1418809

Ion	Ratio	Lower	Upper
49	100		
128	39.4	20.1	60.2
130	51.2	25.3	75.9

Manual Integrations
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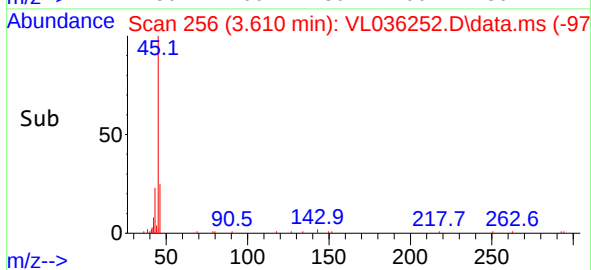
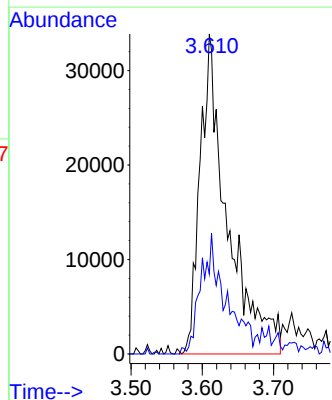
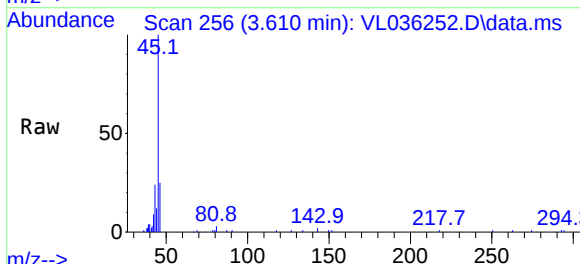
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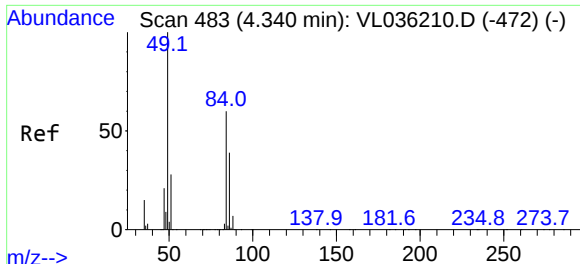


#13
Ethanol
Concen: 6.95 ppbv m
RT: 3.610 min Scan# 256
Delta R.T. 0.013 min
Lab File: VL036252.D
Acq: 20 Jan 2021 18:32

Tgt Ion: 45 Resp: 90527

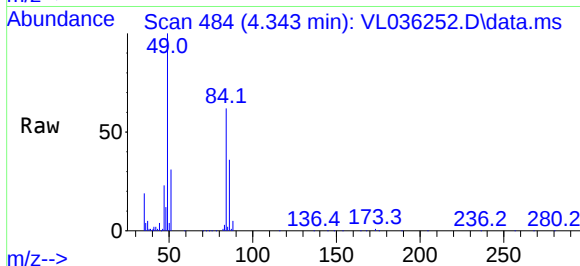
Ion	Ratio	Lower	Upper
45	100		
46	0.0	19.2	77.0#





#20
Methylene Chloride
Concen: 1.96 ppbv
RT: 4.343 min Scan# 484
Delta R.T. 0.003 min
Lab File: VL036252.D
Acq: 20 Jan 2021 18:32

Instrument :
MSVOA_L
ClientSampled :
IA-3DL

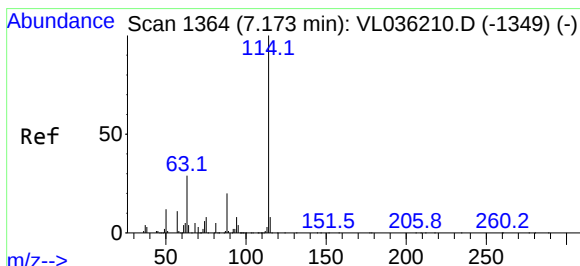
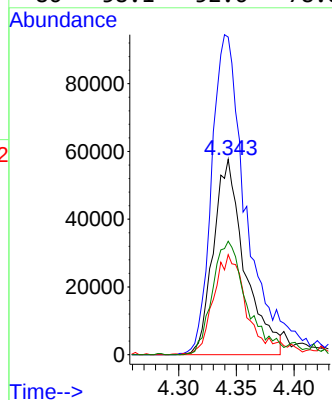
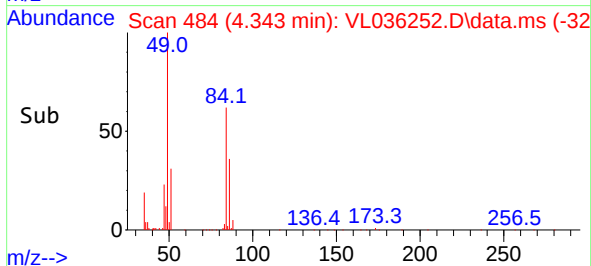


Tgt Ion: 84 Resp: 108970

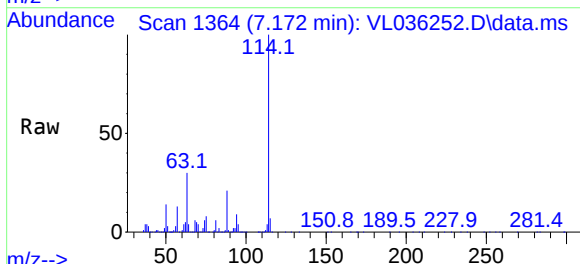
Ion	Ratio	Lower	Upper
84	100		
49	161.9	134.1	201.1
51	51.2	37.4	56.0
86	58.1	52.6	78.8

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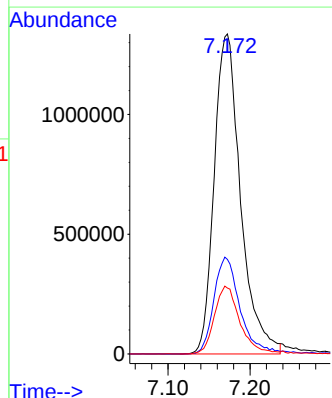
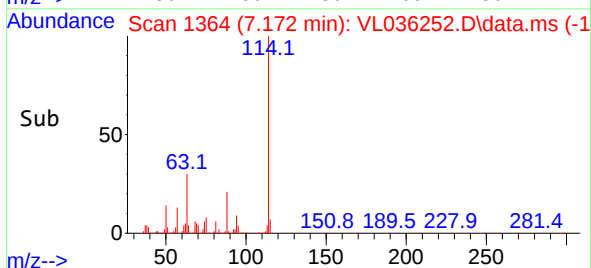


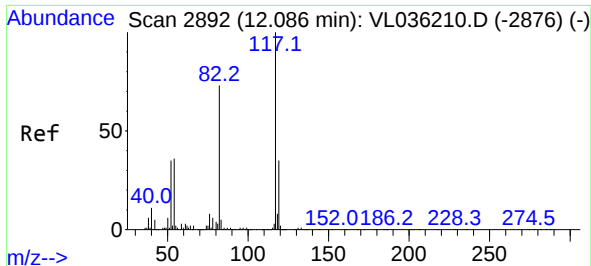
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.172 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VL036252.D
Acq: 20 Jan 2021 18:32



Tgt Ion: 114 Resp: 2988336

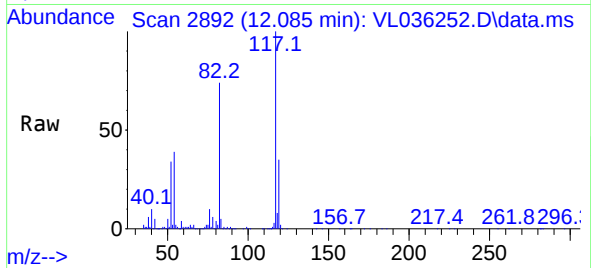
Ion	Ratio	Lower	Upper
114	100		
63	30.7	24.7	37.1
88	21.0	16.6	24.8





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.085 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VL036252.D
Acq: 20 Jan 2021 18:32

Instrument :
MSVOA_L
ClientSampled :
IA-3DL

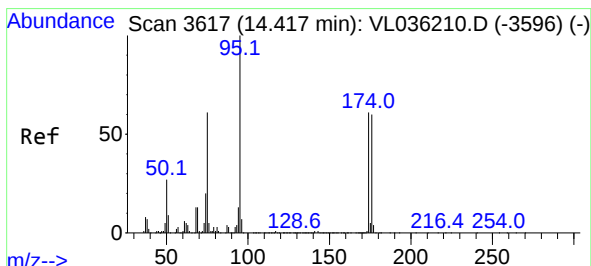
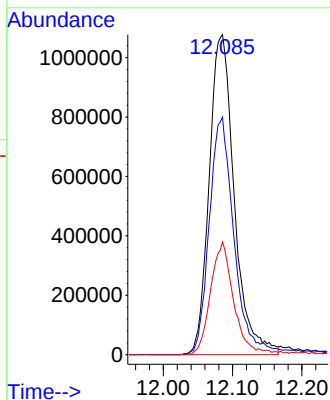
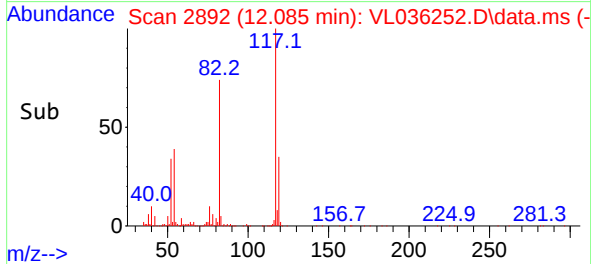


Tgt Ion: 117 Resp: 2709664

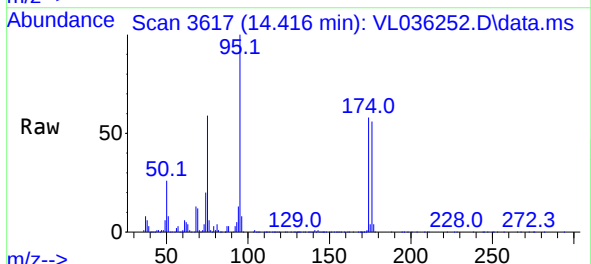
Ion	Ratio	Lower	Upper
117	100		
82	76.5	59.7	89.5
119	33.5	28.6	43.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.62 ppbv
RT: 14.416 min Scan# 3617
Delta R.T. -0.000 min
Lab File: VL036252.D
Acq: 20 Jan 2021 18:32



Tgt Ion: 95 Resp: 2157197

Ion	Ratio	Lower	Upper
95	100		
174	63.0	49.4	74.0
175	4.8	3.8	5.8

