

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
 Data File : VL036248.D
 Acq On : 20 Jan 2021 15:51
 Operator : SY/AP
 Sample : M1171-01DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Quant Time: Jan 21 01:35:06 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)

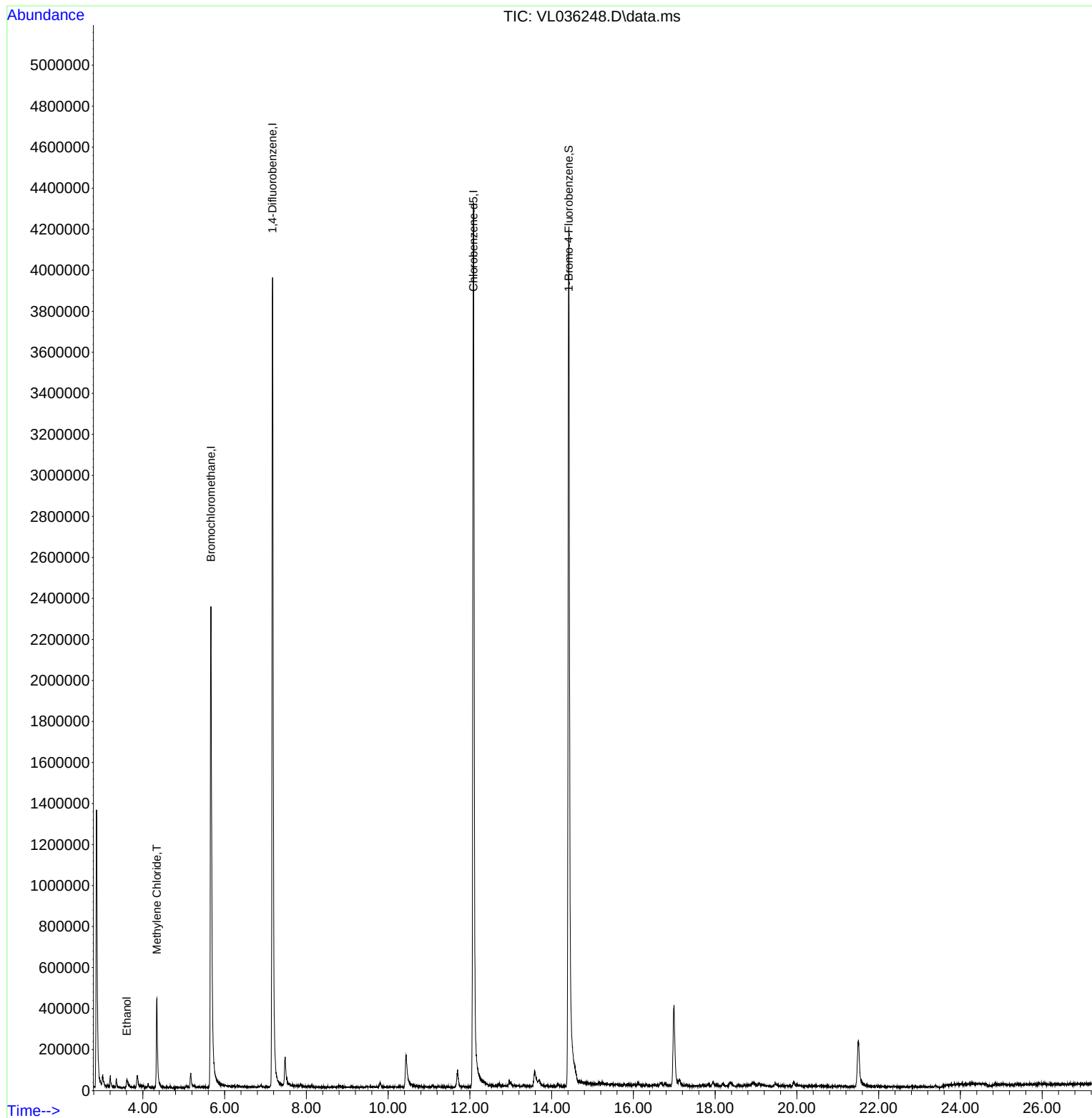
Internal Standards						
1) Bromochloromethane	5.664	49	1460840	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	3099956	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	2797306	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	2339556	10.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%
Target Compounds						
						Qvalue
13) Ethanol	3.610	45	45683	3.41	ppbv	94
20) Methylene Chloride	4.343	84	158938	2.78	ppbv	91

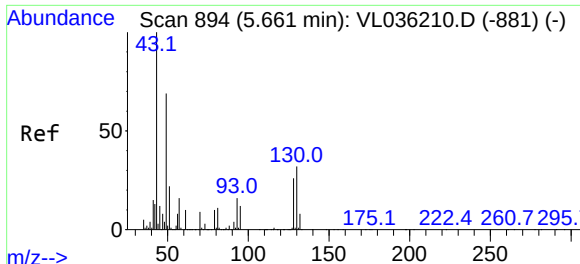
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

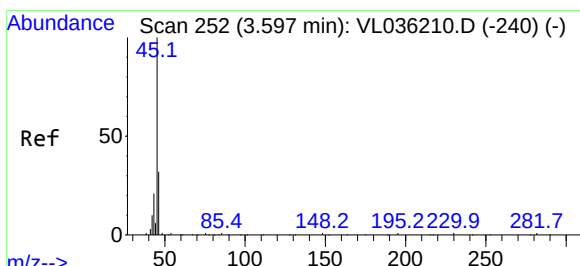
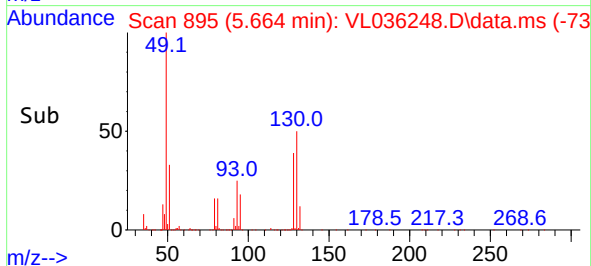
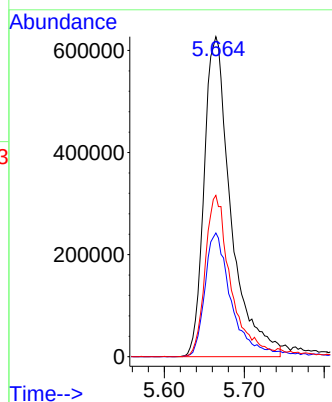
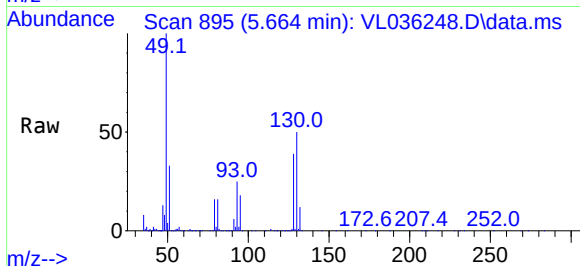




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.664 min Scan# 895
Delta R.T. 0.003 min
Lab File: VL036248.D
Acq: 20 Jan 2021 15:51

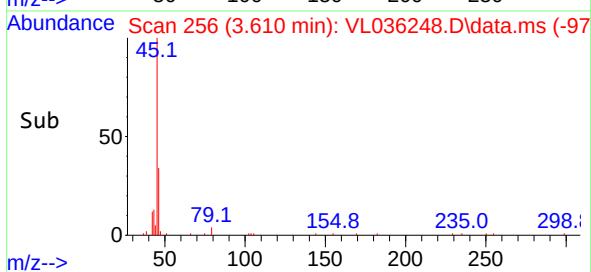
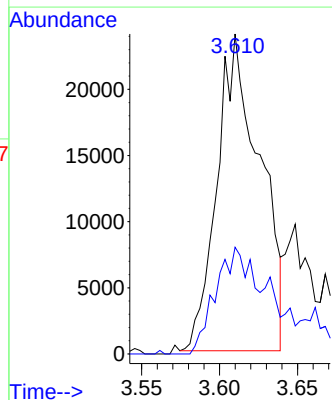
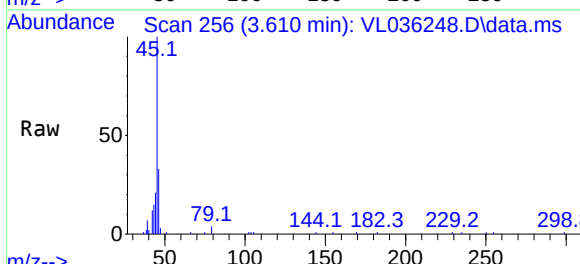
Instrument :
MSVOA_L
ClientSampled :
AA-1DL

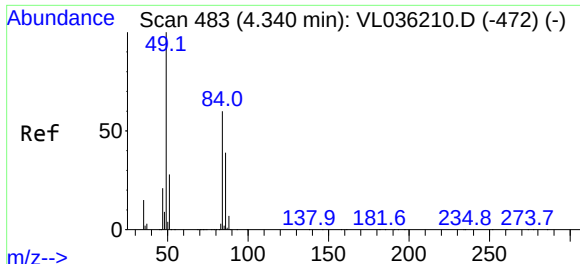
Tgt Ion: 49 Resp: 1460840
Ion Ratio Lower Upper
49 100
128 39.0 20.1 60.2
130 50.7 25.3 75.9



#13
Ethanol
Concen: 3.41 ppbv
RT: 3.610 min Scan# 256
Delta R.T. 0.013 min
Lab File: VL036248.D
Acq: 20 Jan 2021 15:51

Tgt Ion: 45 Resp: 45683
Ion Ratio Lower Upper
45 100
46 52.0 19.2 77.0



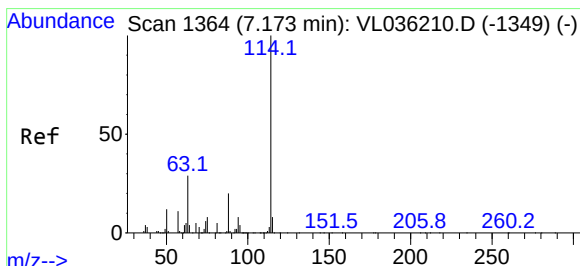
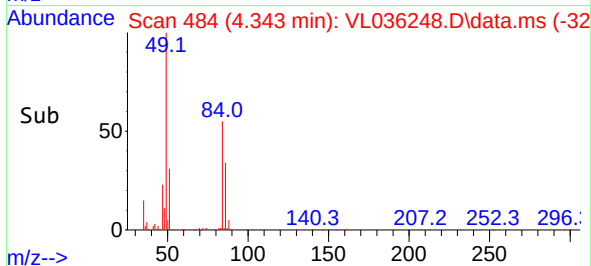
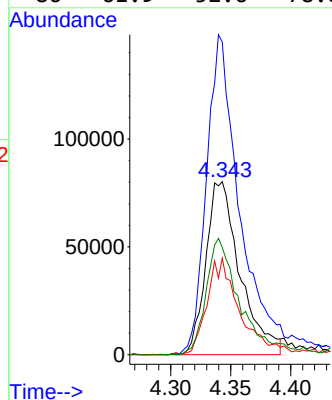
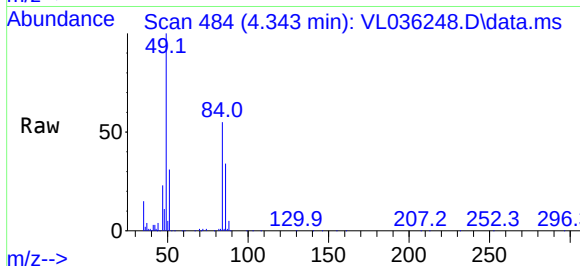


#20
Methylene Chloride
Concen: 2.78 ppbv
RT: 4.343 min Scan# 484
Delta R.T. 0.003 min
Lab File: VL036248.D
Acq: 20 Jan 2021 15:51

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tgt Ion: 84 Resp: 158938

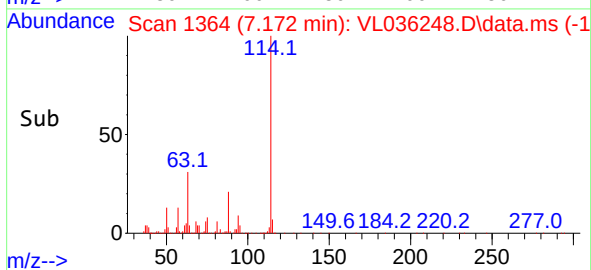
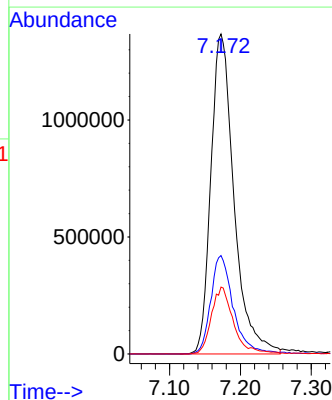
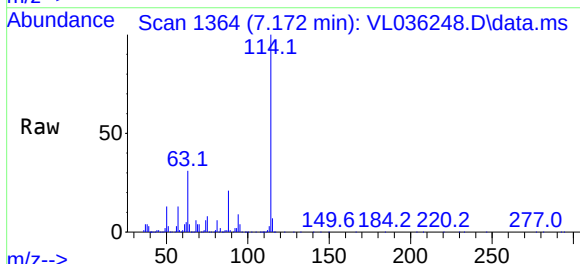
Ion	Ratio	Lower	Upper
84	100		
49	180.1	134.1	201.1
51	55.5	37.4	56.0
86	61.9	52.6	78.8

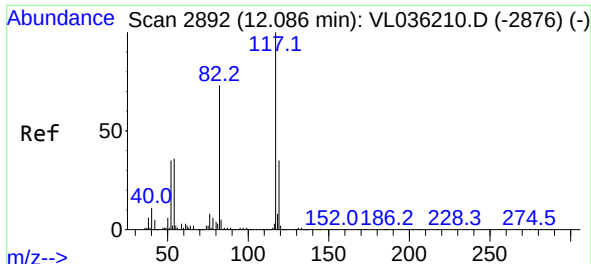


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.172 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VL036248.D
Acq: 20 Jan 2021 15:51

Tgt Ion: 114 Resp: 3099956

Ion	Ratio	Lower	Upper
114	100		
63	30.5	24.7	37.1
88	20.2	16.6	24.8

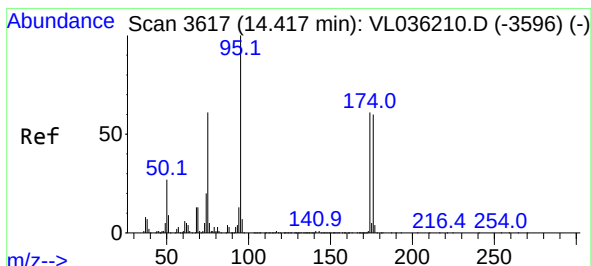
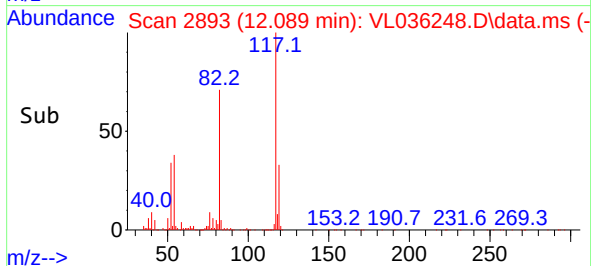
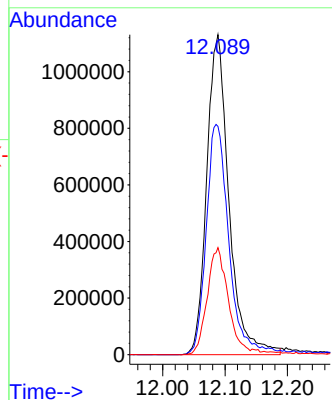
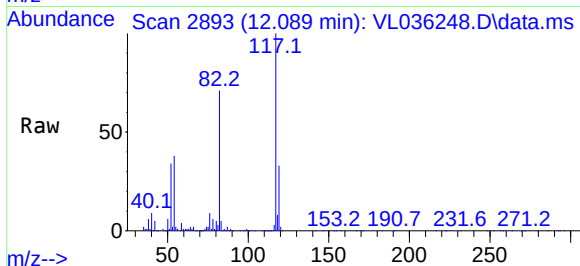




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VL036248.D
Acq: 20 Jan 2021 15:51

Instrument :
MSVOA_L
ClientSampled :
AA-1DL

Tgt Ion:117 Resp: 2797306
Ion Ratio Lower Upper
117 100
82 75.5 59.7 89.5
119 33.1 28.6 43.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.10 ppbv
RT: 14.417 min Scan# 3617
Delta R.T. -0.000 min
Lab File: VL036248.D
Acq: 20 Jan 2021 15:51

Tgt Ion: 95 Resp: 2339556
Ion Ratio Lower Upper
95 100
174 61.0 49.4 74.0
175 4.4 3.8 5.8

