

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL039998.D
 Acq On : 13 Dec 2022 5:32
 Operator : SY/MD
 Sample : N5969-03DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DL2

Quant Time: Dec 13 07:15:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

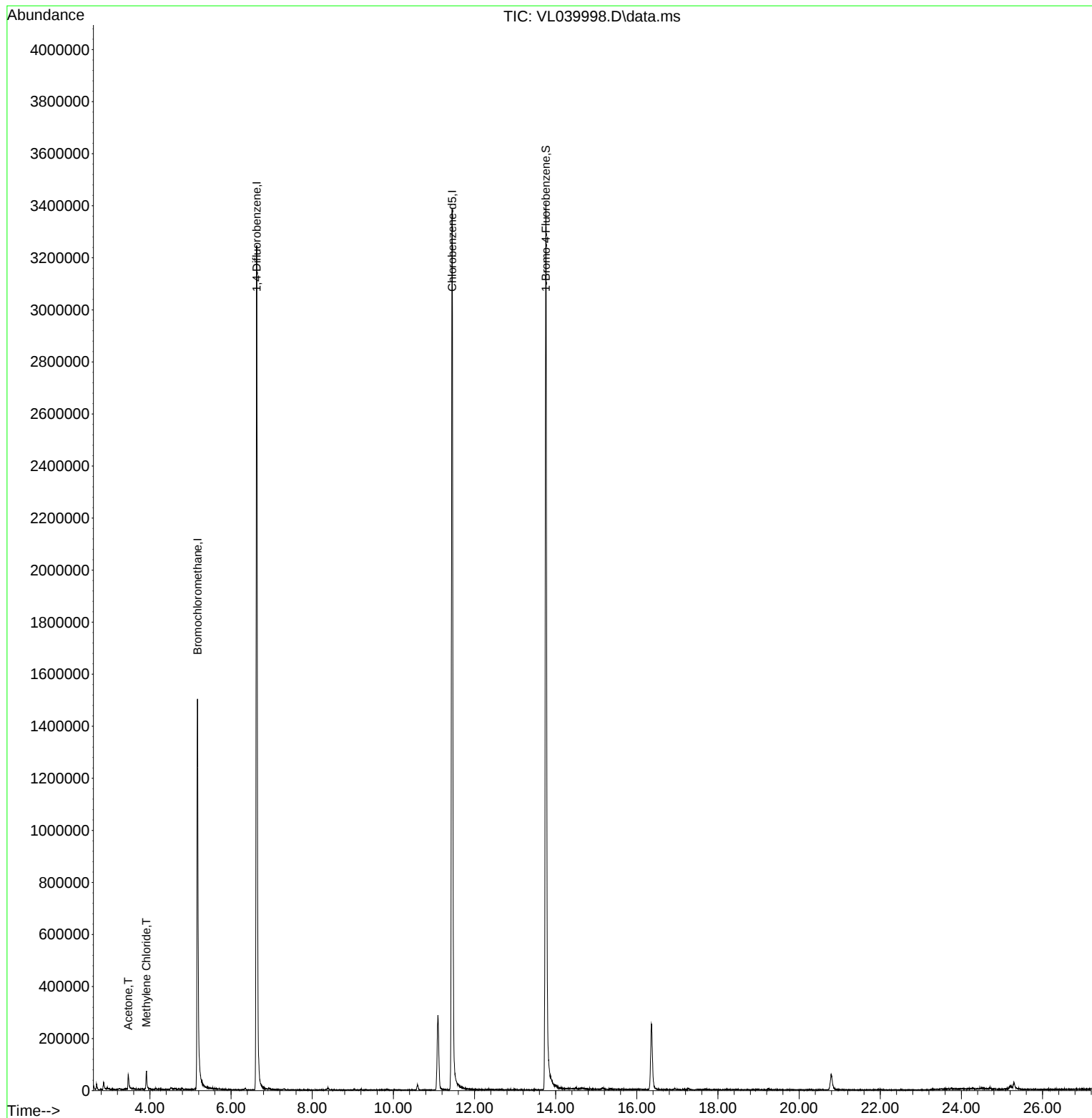
Internal Standards						
1) Bromochloromethane	5.172	49	828972	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.632	114	2586988	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.449	117	2348150	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1816617	10.129	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds						
						Qvalue
15) Acetone	3.465	43	63350	0.576	ppbv	93
20) Methylene Chloride	3.912	84	22782	0.428	ppbv	86

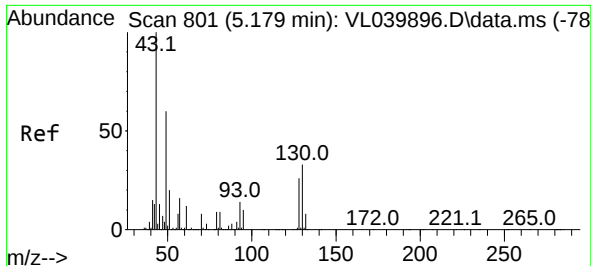
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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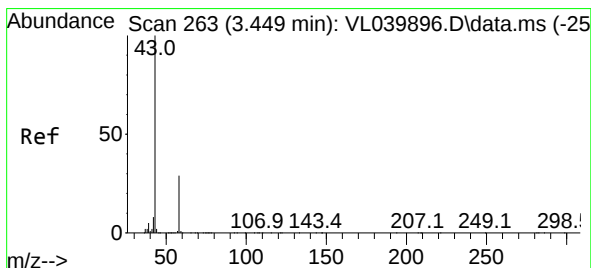
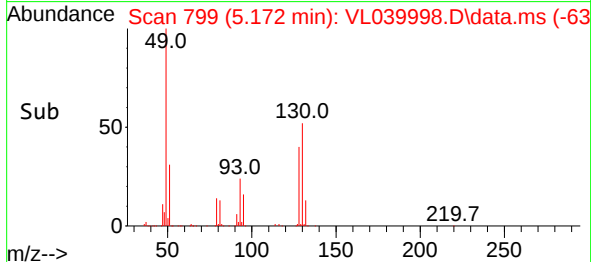
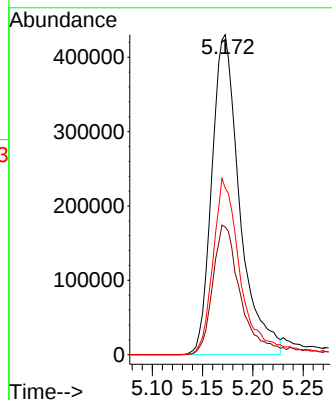
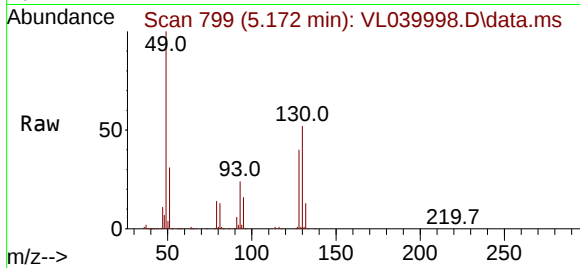




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 79
Delta R.T. 0.016 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

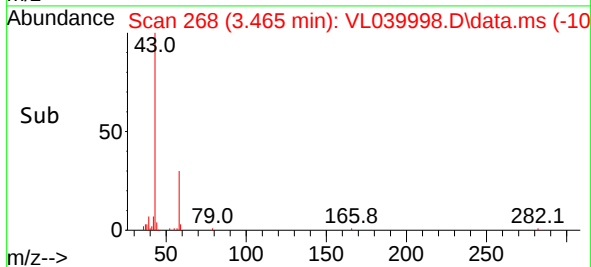
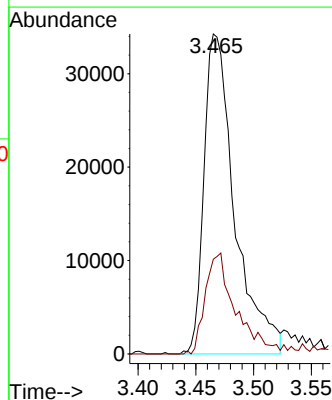
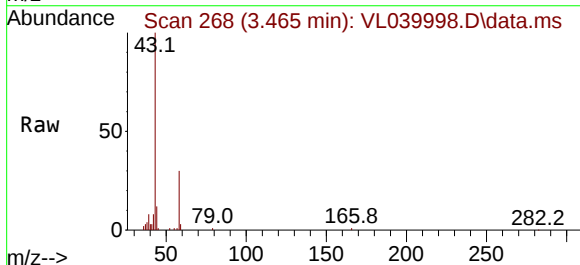
Instrument :
MSVOA_1
ClientSampleId :
SG-2DL2

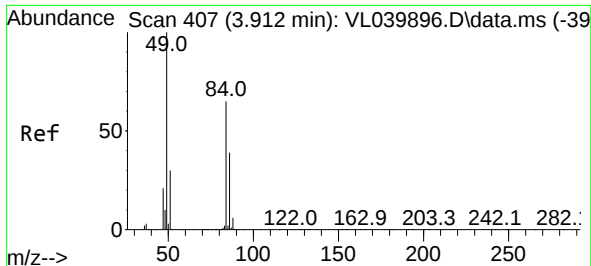
Tgt Ion: 49 Resp: 828972
Ion Ratio Lower Upper
49 100
128 43.5 22.1 66.3
130 57.2 27.7 83.1



#15
Acetone
Concen: 0.576 ppbv
RT: 3.465 min Scan# 268
Delta R.T. 0.032 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Tgt Ion: 43 Resp: 63350
Ion Ratio Lower Upper
43 100
58 32.5 22.9 34.3



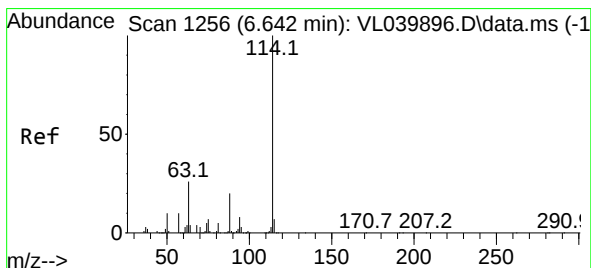
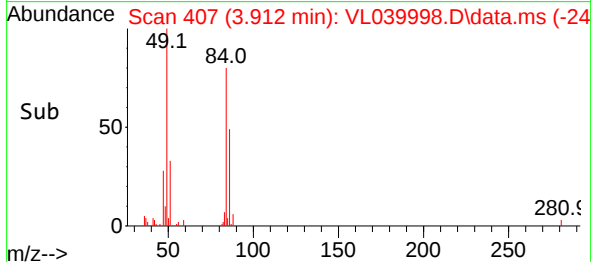
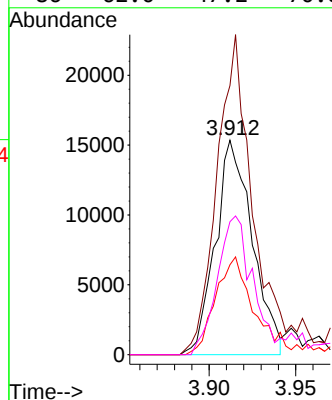
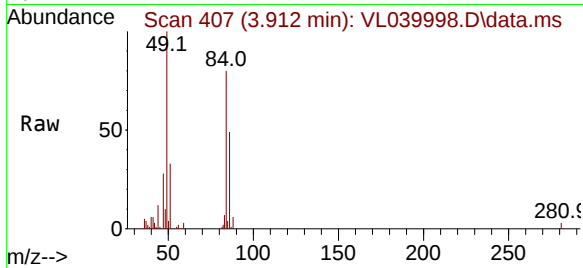


#20
Methylene Chloride
Concen: 0.428 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.016 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Instrument :
MSVOA_1
ClientSampleId :
SG-2DL2

Tgt Ion: 84 Resp: 22782

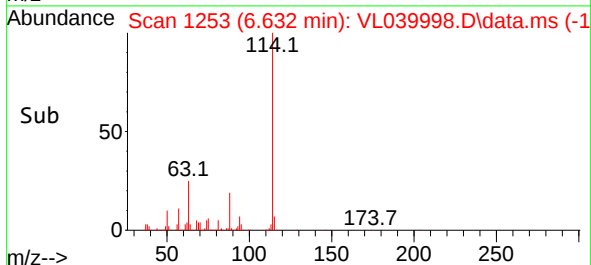
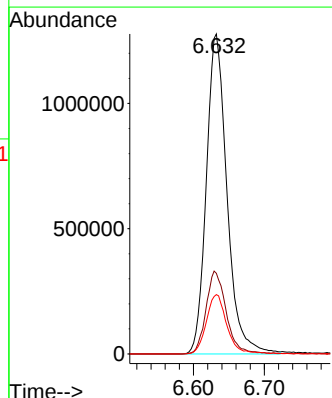
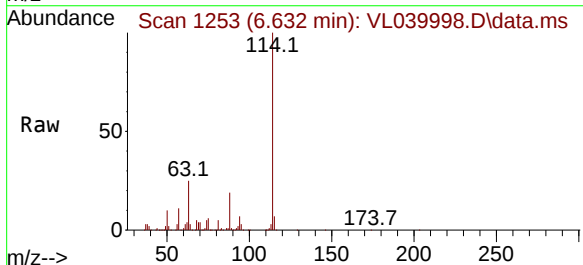
Ion	Ratio	Lower	Upper
84	100		
49	125.5	122.2	183.4
51	41.9	36.3	54.5
86	62.0	47.2	70.8

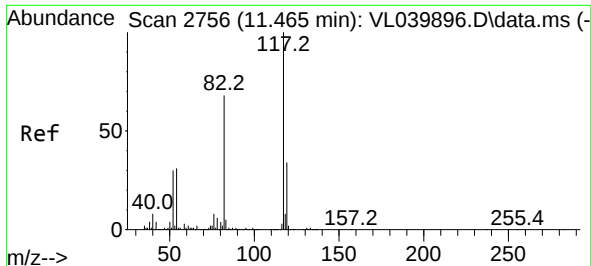


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.013 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Tgt Ion: 114 Resp: 2586988

Ion	Ratio	Lower	Upper
114	100		
63	25.6	21.4	32.0
88	18.5	15.3	22.9

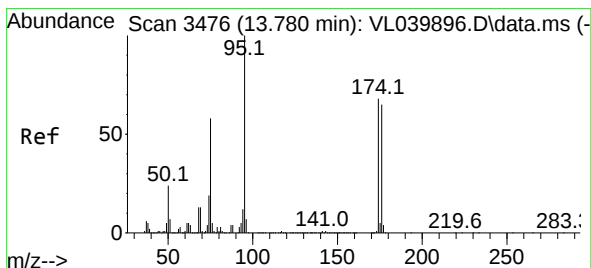
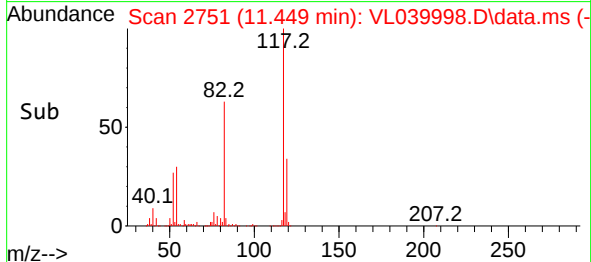
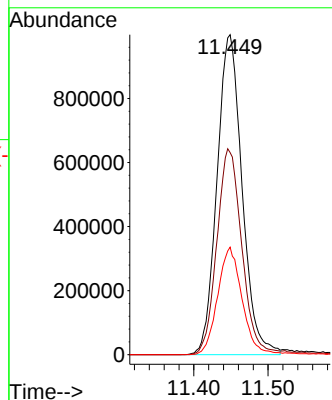
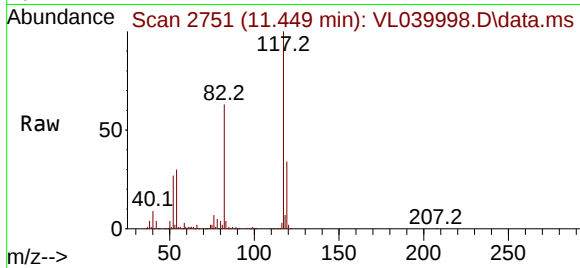




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Instrument :
MSVOA_1
ClientSampleId :
SG-2DL2

Tgt Ion:117 Resp: 2348150
Ion Ratio Lower Upper
117 100
82 65.0 52.3 78.5
119 33.1 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.129 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. 0.016 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Tgt Ion: 95 Resp: 1816617
Ion Ratio Lower Upper
95 100
174 67.5 53.7 80.5
175 4.8 4.0 6.0

