

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037942.D
 Acq On : 1 Nov 2021 17:02
 Operator : SY/AP
 Sample : VL1101ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1101ABL01

Quant Time: Nov 02 06:06:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 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	5.665	49	1550279	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	4487420	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	3851300	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.407	95	2754155	9.838	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%

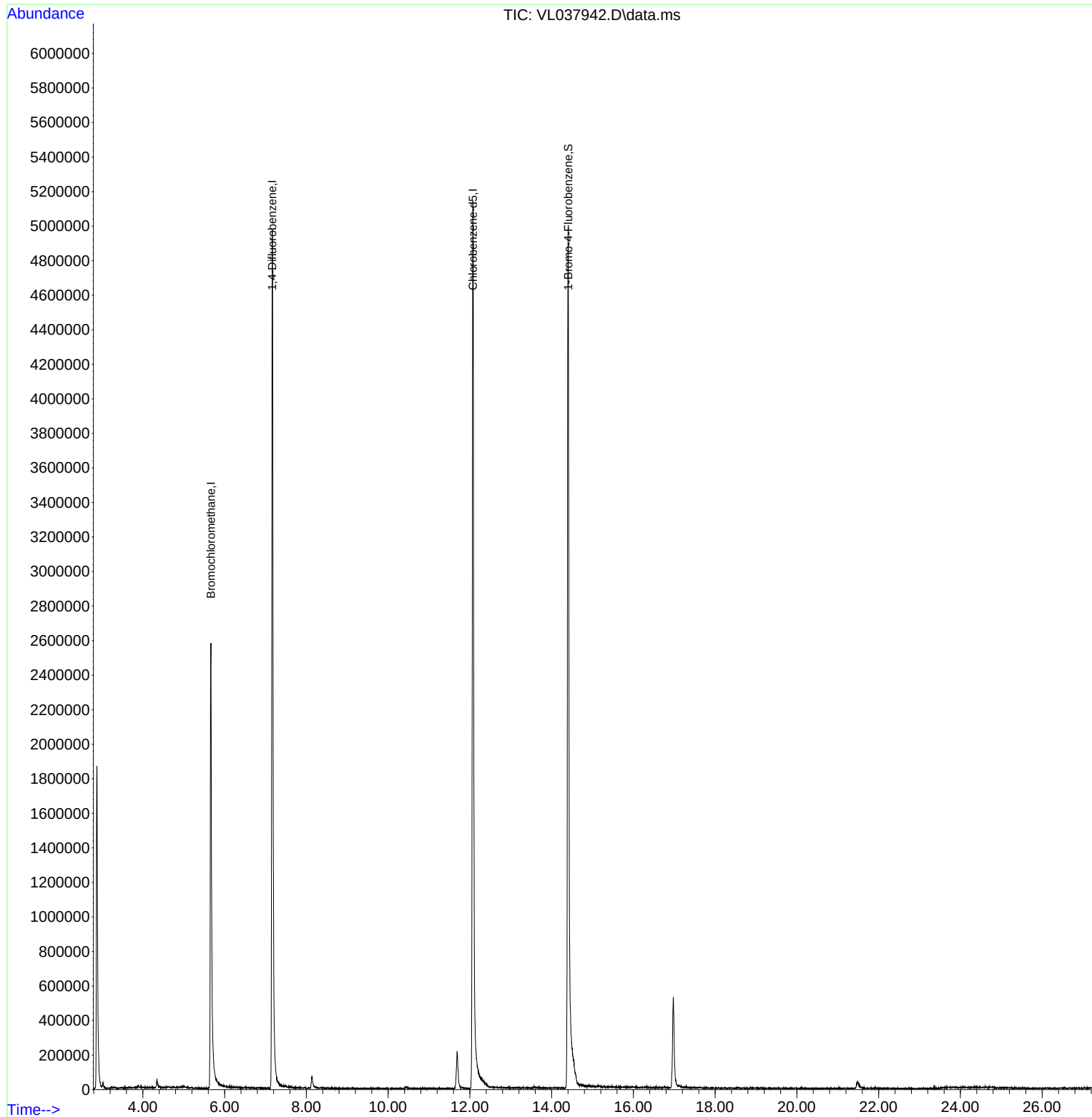
Target Compounds	Qvalue

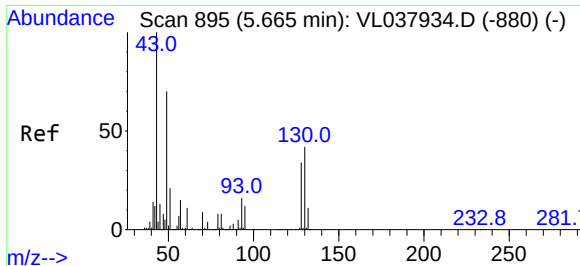
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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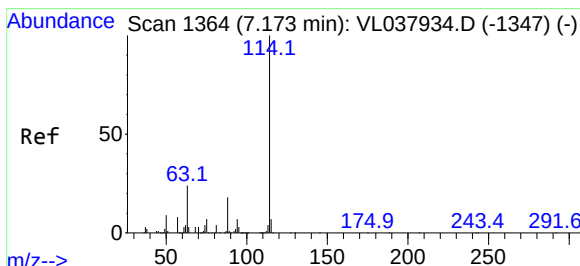
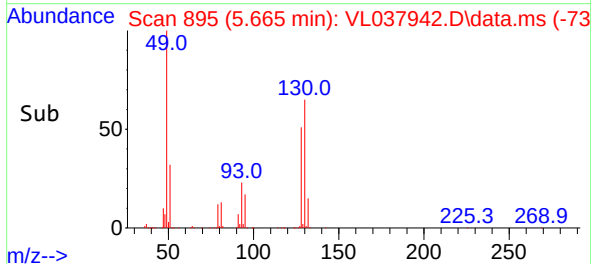
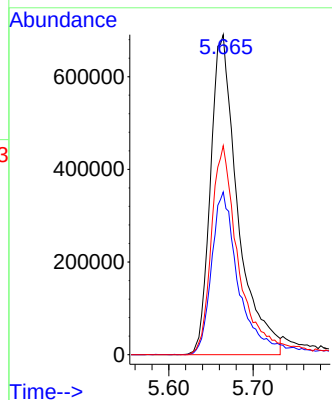
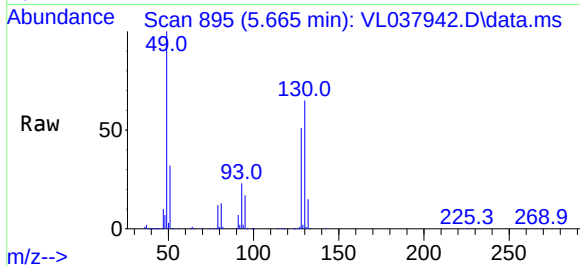


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 895
Delta R.T. 0.000 min
Lab File: VL037942.D
Acq: 1 Nov 2021 17:02

Instrument :
MSVOA_1
ClientSampleId :
VL1101ABL01

Tgt Ion: 49 Resp: 1550279

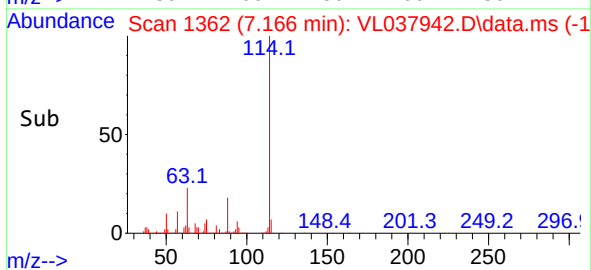
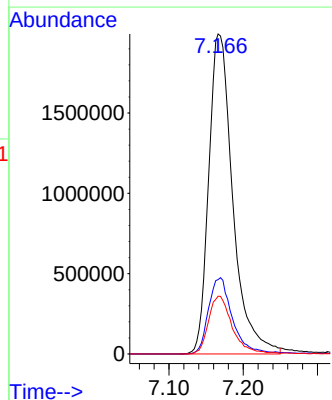
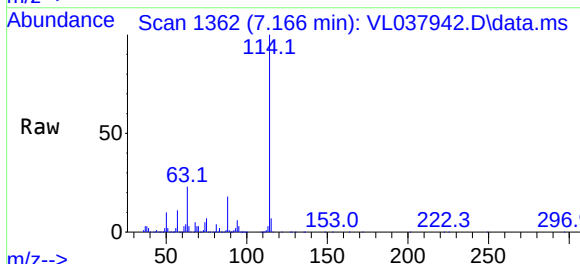
Ion	Ratio	Lower	Upper
49	100		
128	53.8	27.0	81.0
130	69.0	33.4	100.2

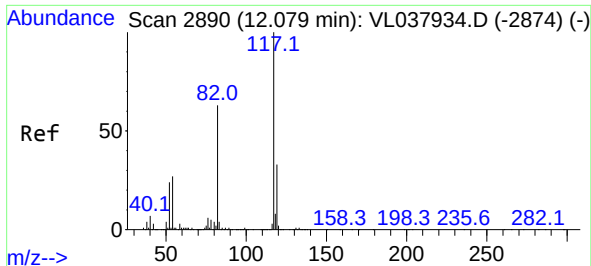


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VL037942.D
Acq: 1 Nov 2021 17:02

Tgt Ion: 114 Resp: 4487420

Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.4	29.0
88	18.1	14.2	21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.076 min Scan# 2889

Delta R.T. -0.003 min

Lab File: VL037942.D

Acq: 1 Nov 2021 17:02

Instrument :

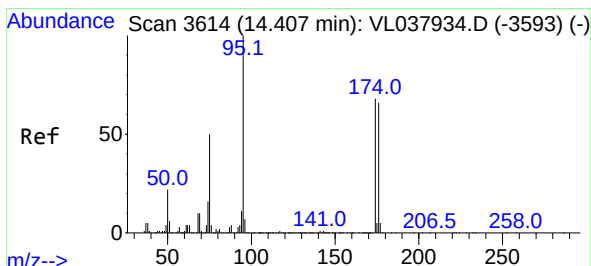
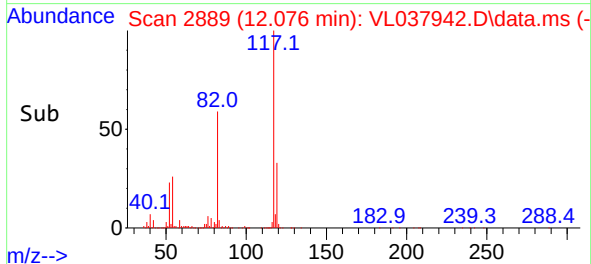
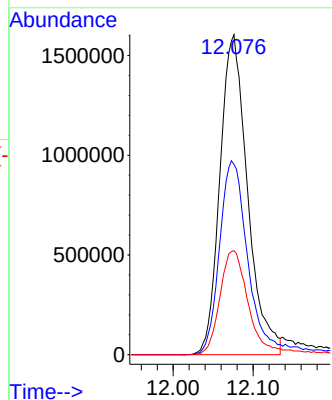
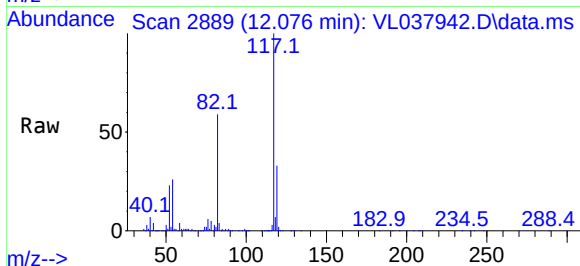
MSVOA_1

ClientSampleId :

VL1101ABL01

Tgt Ion:117 Resp: 3851300

Ion	Ratio	Lower	Upper
117	100		
82	66.8	51.0	76.6
119	34.8	26.9	40.3



#68

1-Bromo-4-Fluorobenzene

Concen: 9.838 ppbv

RT: 14.407 min Scan# 3614

Delta R.T. 0.000 min

Lab File: VL037942.D

Acq: 1 Nov 2021 17:02

Tgt Ion: 95 Resp: 2754155

Ion	Ratio	Lower	Upper
95	100		
174	76.6	58.3	87.5
175	5.8	4.6	6.8

