

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036839.D
 Acq On : 21 Apr 2021 2:11
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 21 06:40:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1137827	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2867440	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2401037	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1641311	8.58	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.80%

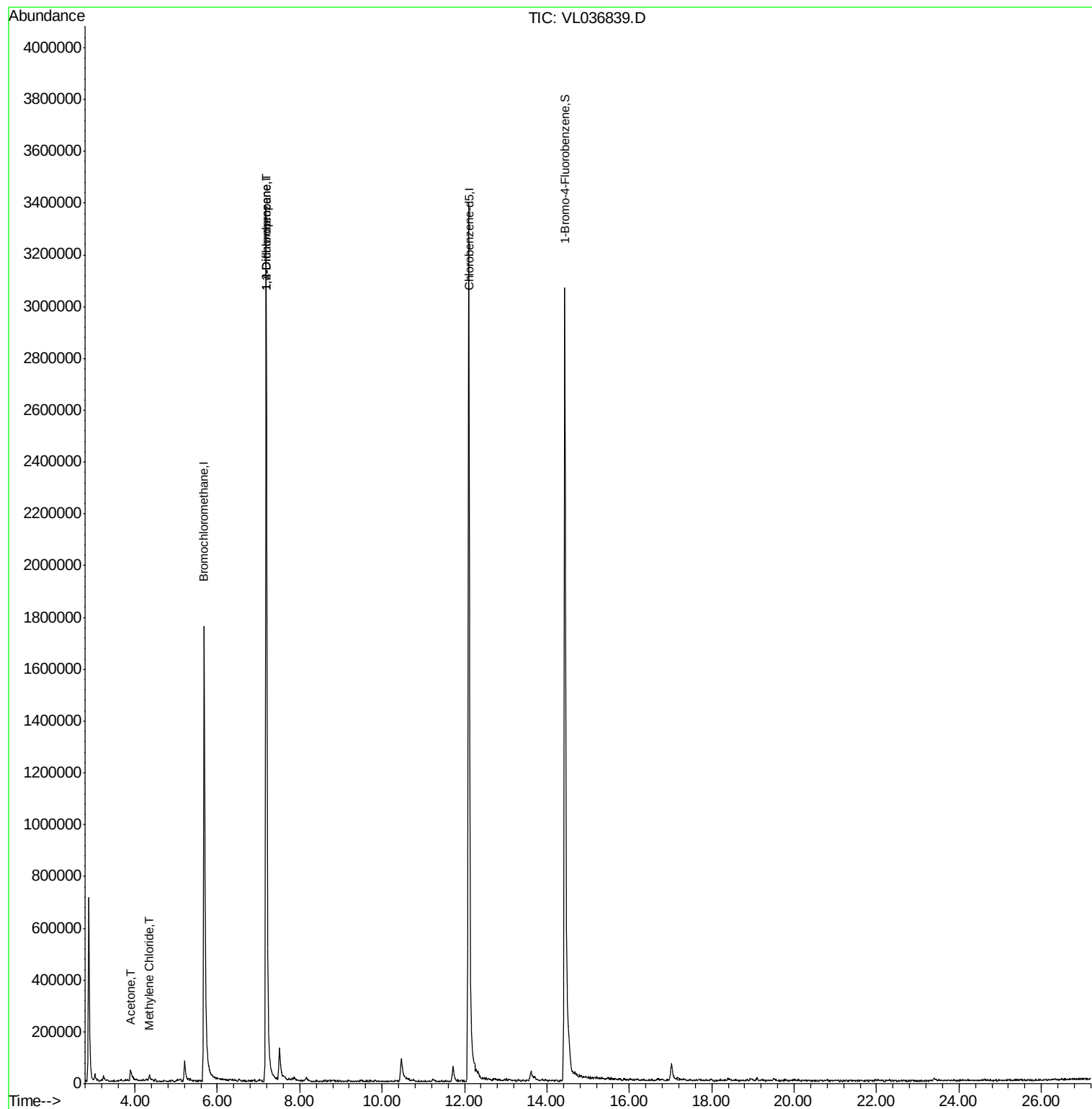
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	33844	0.302	ppbv #	48
20) Methylene Chloride	4.35	84	1717	0.033	ppbv #	7
39) 1,2-Dichloropropane	7.19	63	762919	7.112	ppbv #	23

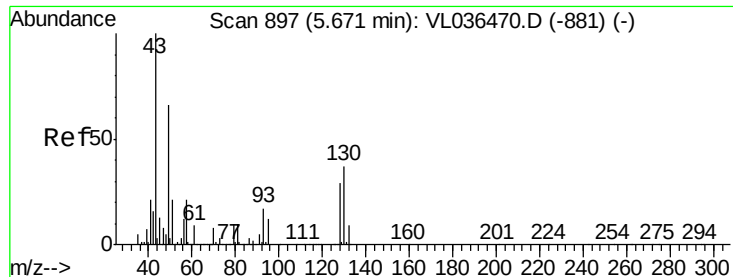
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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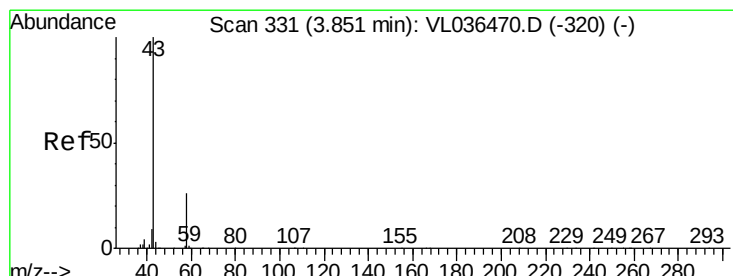
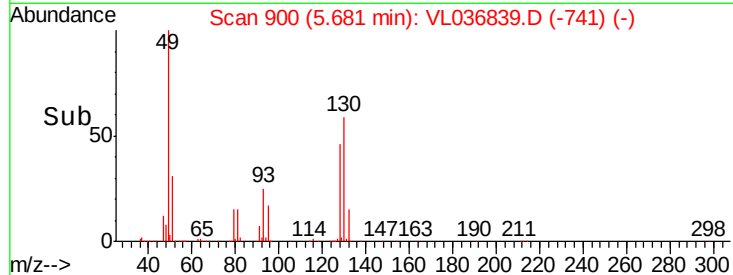
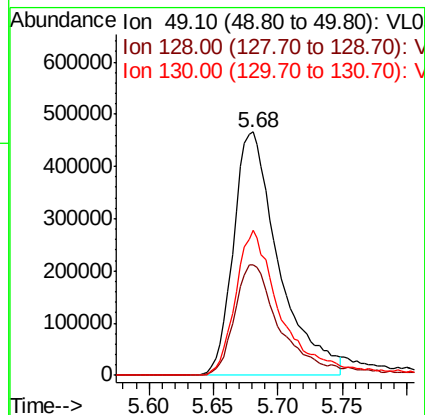
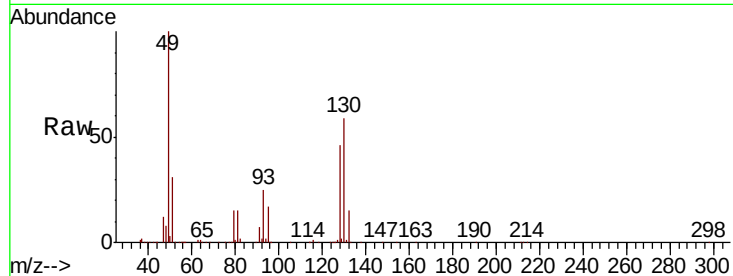
Quant Time: Apr 21 06:40:37 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
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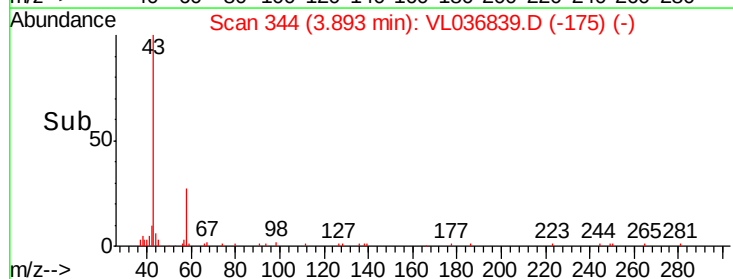
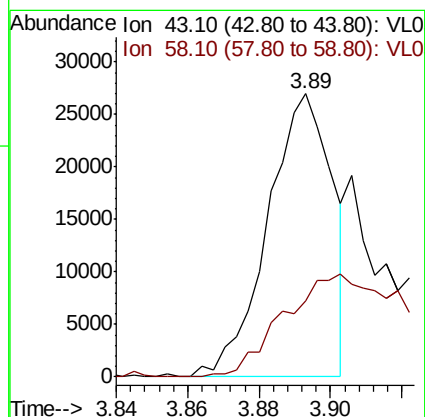
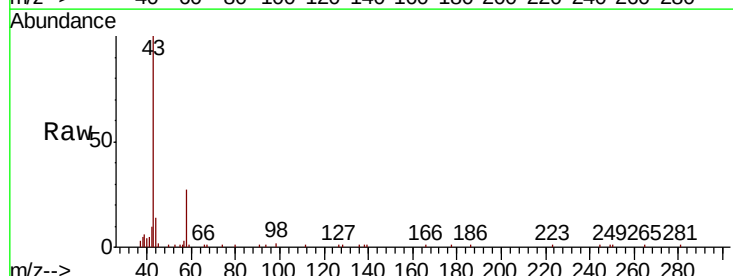
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 21 Apr 2021 2:11

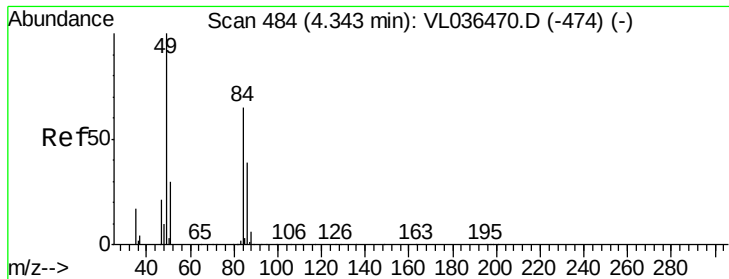
Tot Ion: 49 Resp: 1137827
 Ion Ratio Lower Upper
 49 100
 128 49.3 23.5 70.6
 130 63.3 29.1 87.4



#15
 Acetone
 Concen: 0.302 ppbv
 RT: 3.89 min Scan# 344
 Delta R.T. 0.04 min
 Lab File: VL036839.D
 Acq: 21 Apr 2021 2:11

Tgt Ion: 43 Resp: 33844
 Ion Ratio Lower Upper
 43 100
 58 0.0 21.2 31.8#





#20

Methylene Chloride

Concen: 0.033 ppbv

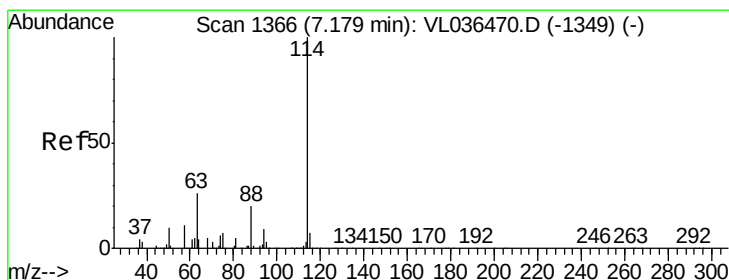
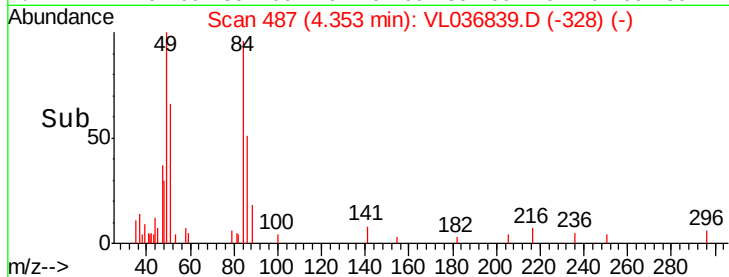
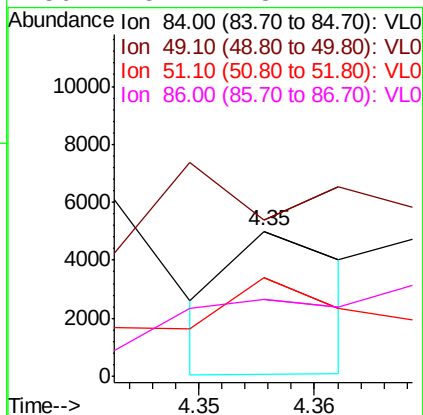
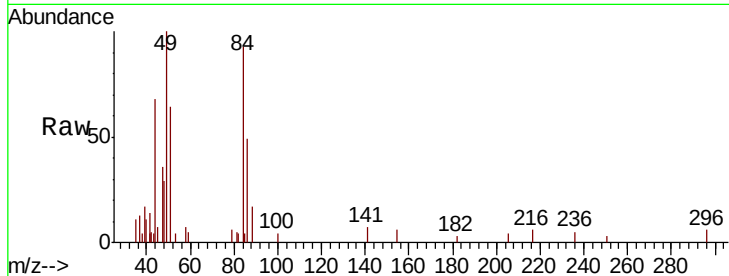
RT: 4.35 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Apr 2021 2:11

Tot Ion:	84	Resp:	1717
Ion	Ratio	Lower	Upper
84	100		
49	0.0	122.9	184.3#
51	75.4	36.9	55.3#
86	13.4	48.2	72.4#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

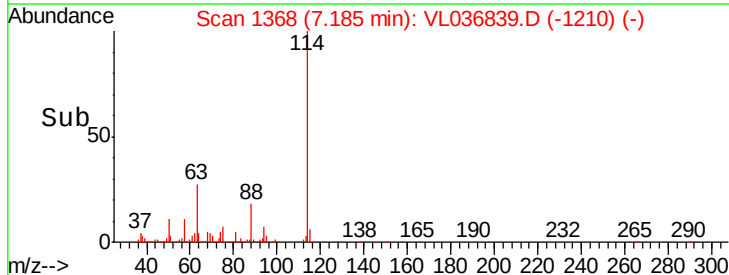
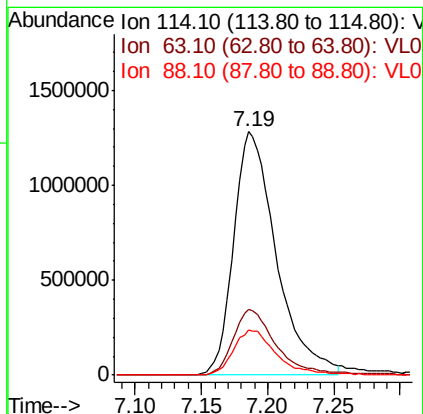
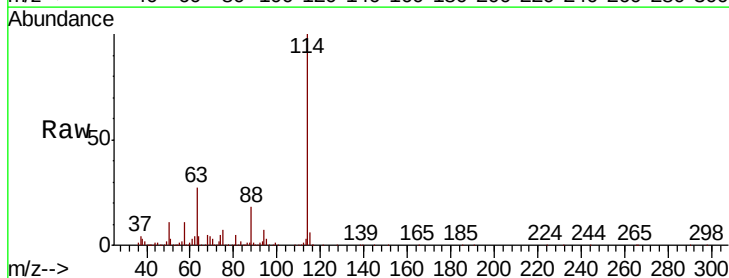
RT: 7.19 min Scan# 1368

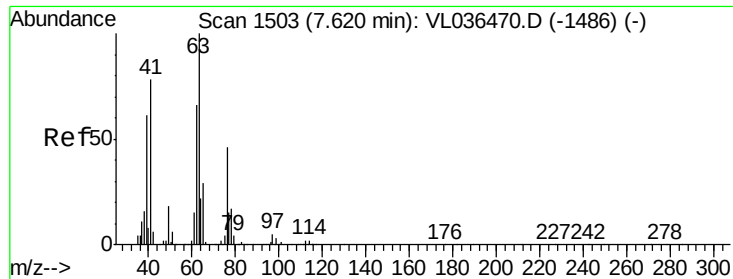
Delta R.T. 0.01 min

Lab File: VL036839.D

Acq: 21 Apr 2021 2:11

Tgt Ion:	114	Resp:	2867440
Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.4	33.6
88	18.9	15.4	23.0





#39

1,2-Dichloropropane

Concen: 7.112 ppbv

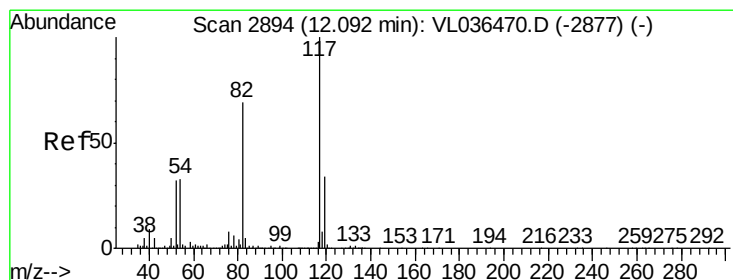
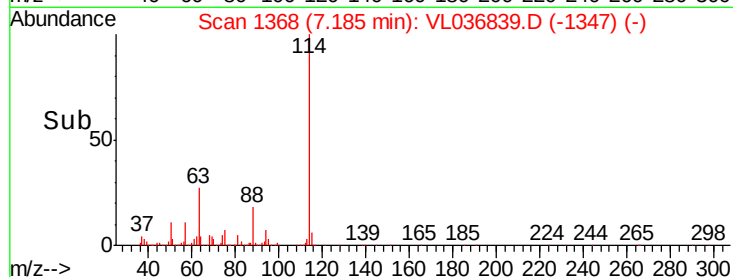
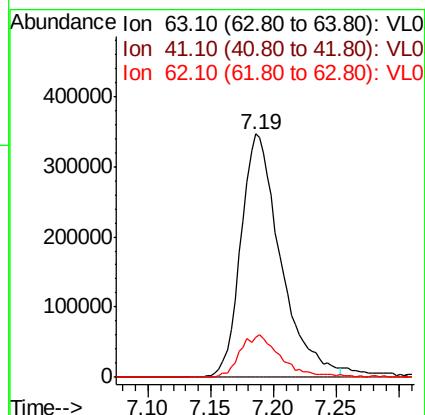
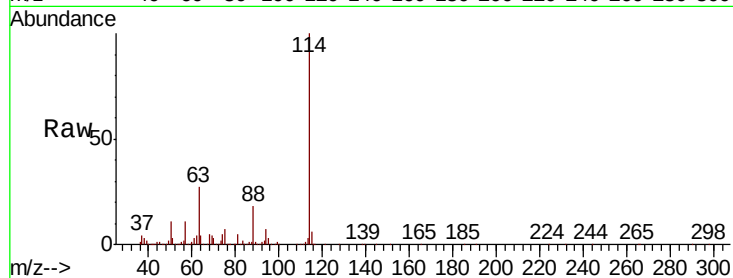
RT: 7.19 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Apr 2021 2:11

Tot Ion:	63	Resp:	762919
Ion	Ratio	Lower	Upper
63	100		
41	0.4	62.4	93.6#
62	16.2	52.8	79.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

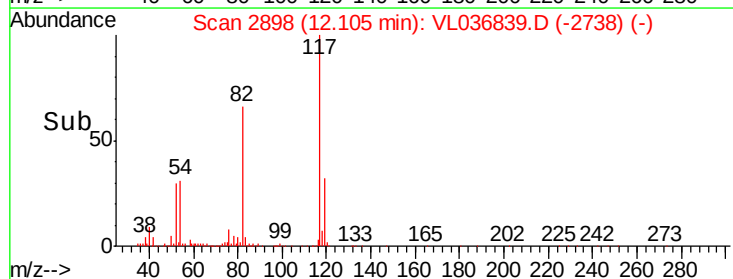
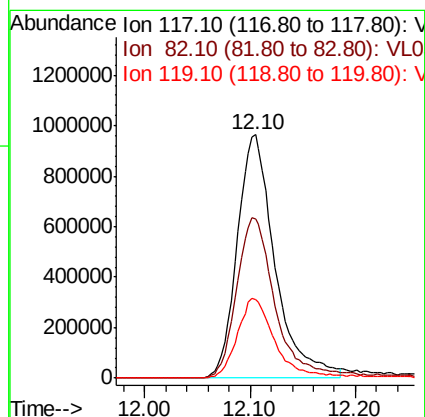
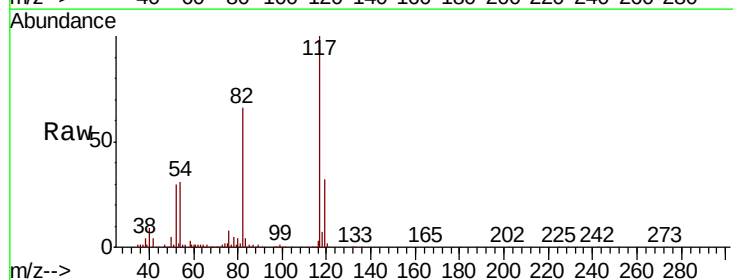
RT: 12.10 min Scan# 2898

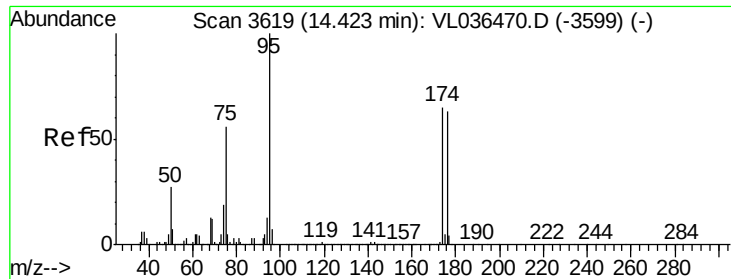
Delta R.T. 0.01 min

Lab File: VL036839.D

Acq: 21 Apr 2021 2:11

Tgt Ion:	117	Resp:	2401037
Ion	Ratio	Lower	Upper
117	100		
82	70.0	57.4	86.0
119	33.8	47.4	71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 8.577 ppbv

RT: 14.43

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Apr 2021 2:11

Tot Ion: 95 Resp: 1641311

Ion Ratio Lower Upper

95 100

174 71.7 51.0 76.6

175 5.1 3.9 5.9

