

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035807.D
 Acq On : 3 Nov 2020 16:45
 Operator : SY/AP
 Sample : VL1103ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 04 05:14:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1332768	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	5846126	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	5394978	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3858516	10.07	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

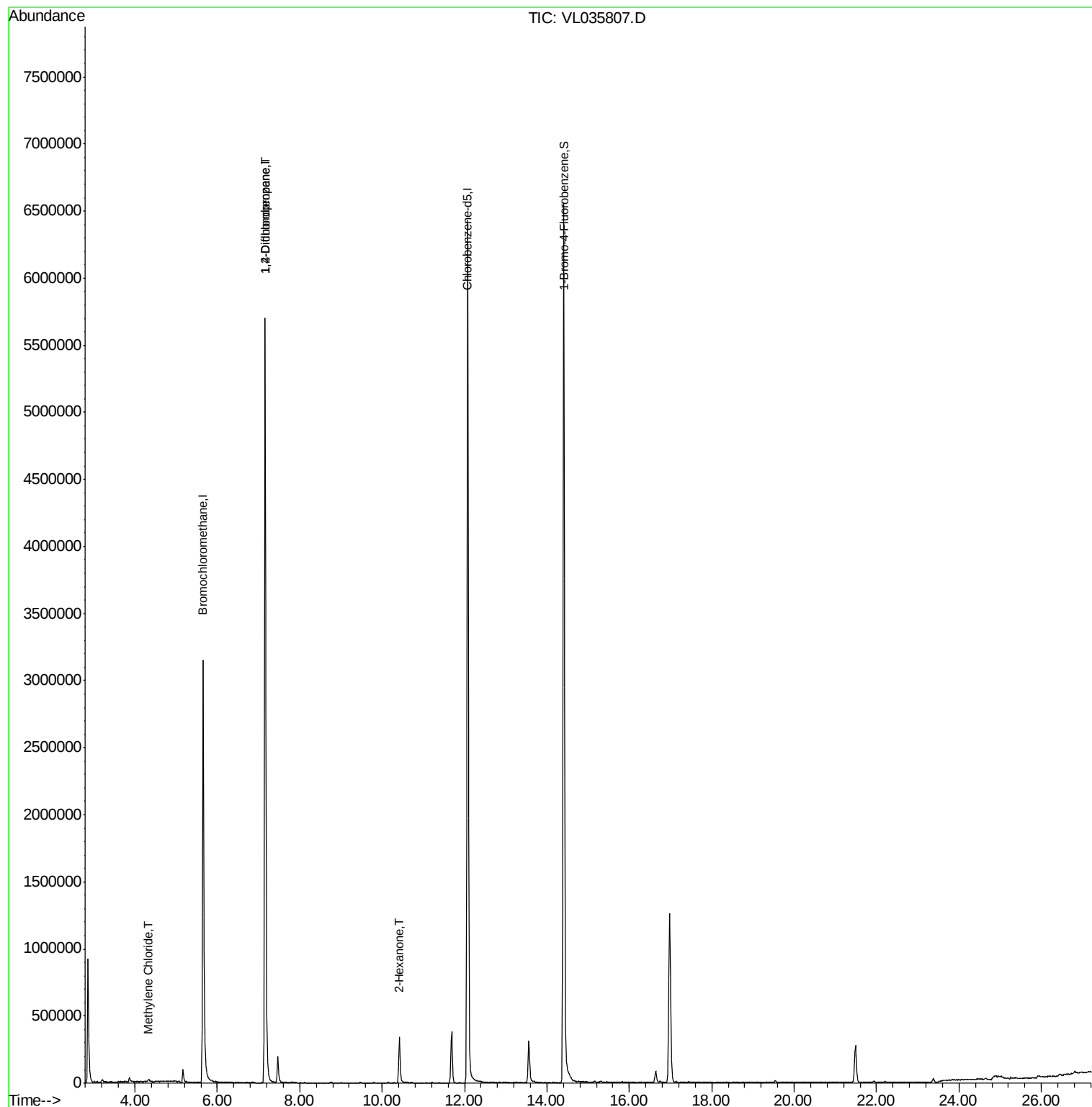
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.33	84	5993	0.060	ppbv #	78
39) 1,2-Dichloropropane	7.16	63	1075834	7.352	ppbv #	30
51) 2-Hexanone	10.42	43	74148	0.318	ppbv #	47

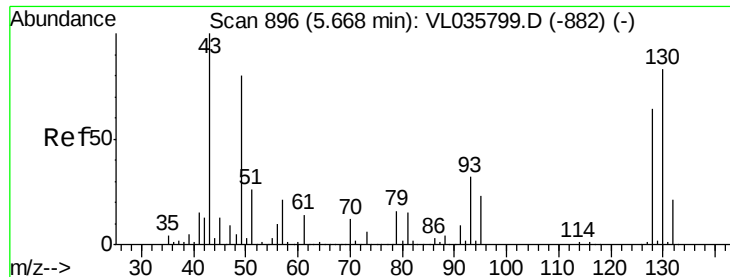
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.02 min

Lab File: VL035807.D

Acq: 3 Nov 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

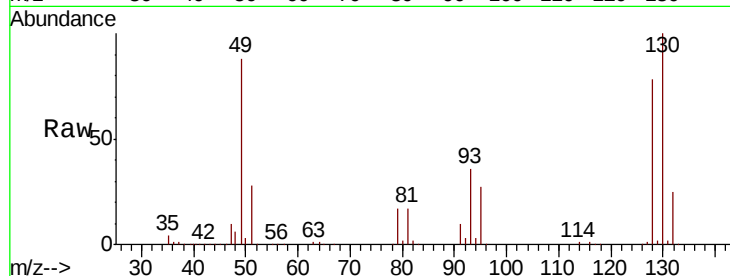
Tot Ion: 49 Resp: 1332768

Ion Ratio Lower Upper

49 100

128 92.0 41.5 124.6

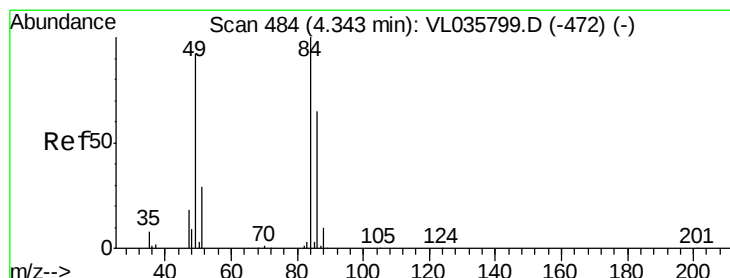
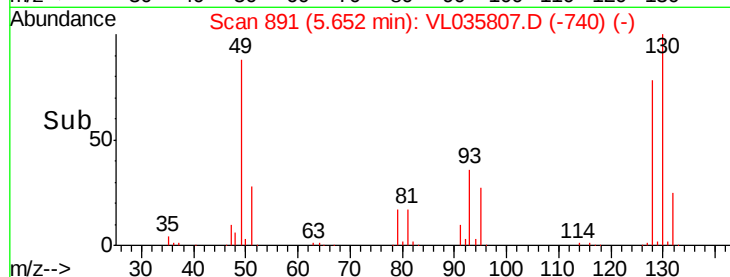
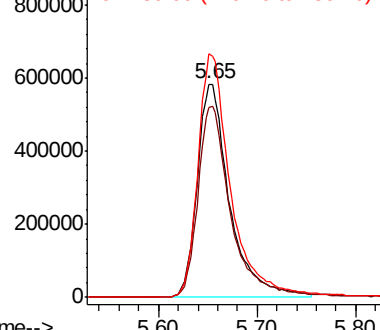
130 118.0 53.7 161.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#20

Methylene Chloride

Concen: 0.060 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.01 min

Lab File: VL035807.D

Acq: 3 Nov 2020 16:45

Tgt Ion: 84 Resp: 5993

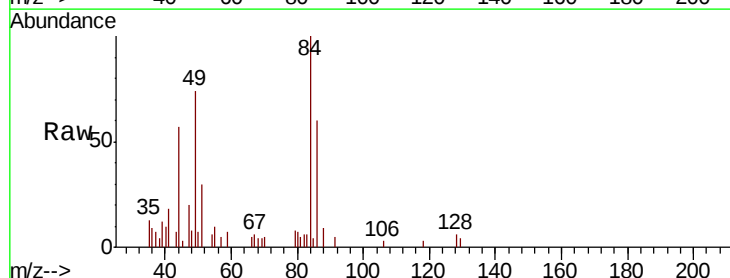
Ion Ratio Lower Upper

84 100

49 55.3 73.8 110.8#

51 33.5 23.0 34.4

86 61.8 52.1 78.1

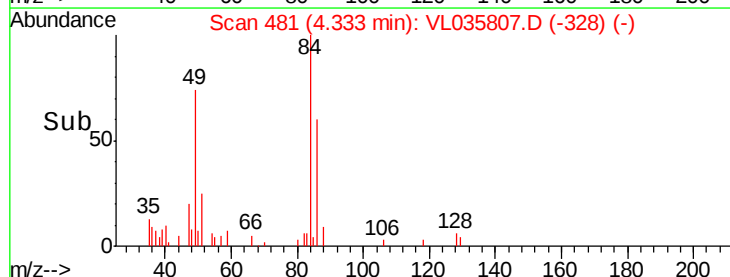
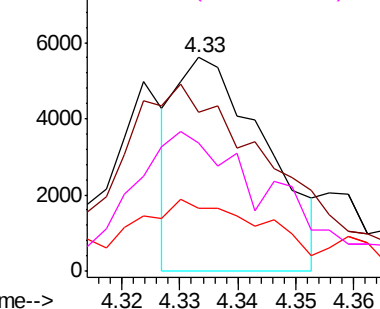


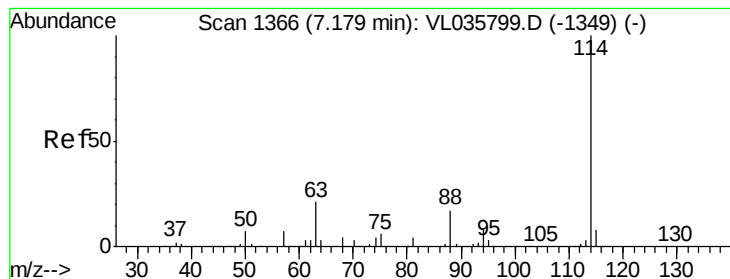
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.02 min

Lab File: VL035807.D

Acq: 3 Nov 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

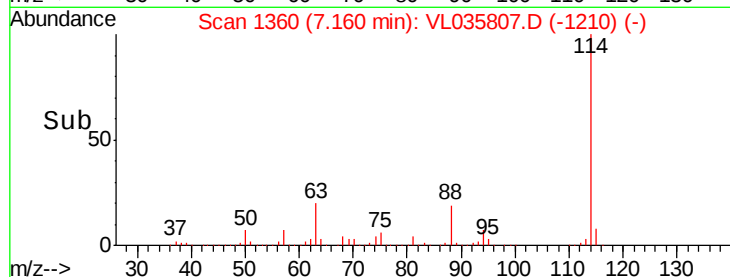
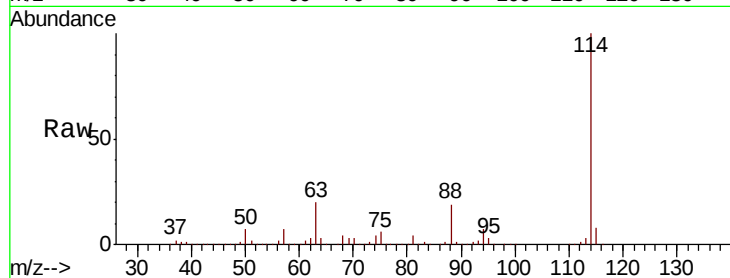
Tot Ion:114 Resp: 5846126

Ion Ratio Lower Upper

114 100

63 18.6 16.1 24.1

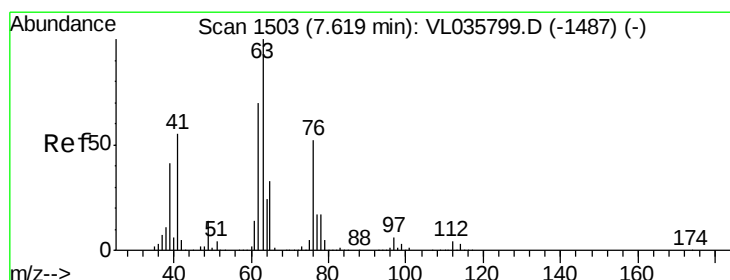
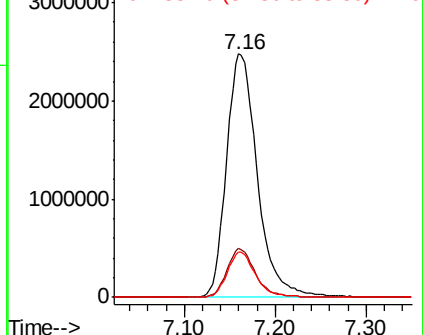
88 17.3 13.7 20.5



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#39

1,2-Dichloropropane

Concen: 7.352 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.46 min

Lab File: VL035807.D

Acq: 3 Nov 2020 16:45

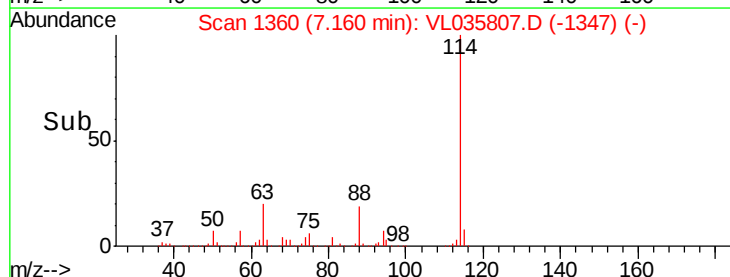
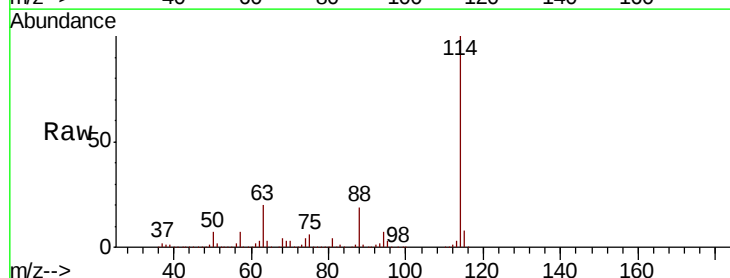
Tgt Ion: 63 Resp: 1075834

Ion Ratio Lower Upper

63 100

41 0.0 43.8 65.6#

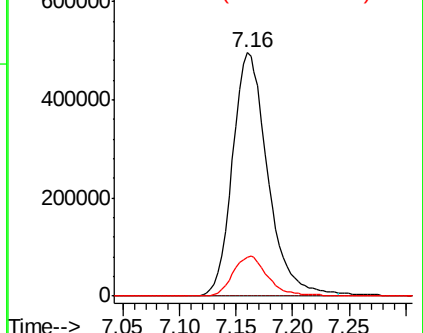
62 16.1 56.2 84.2#

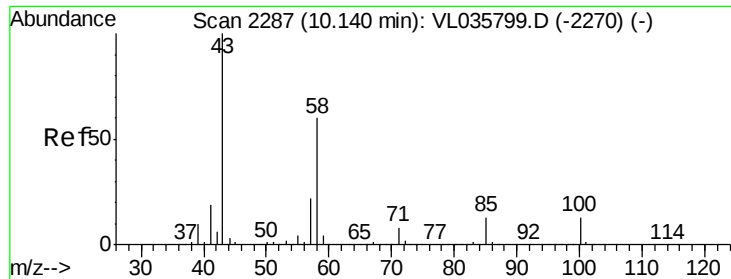


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

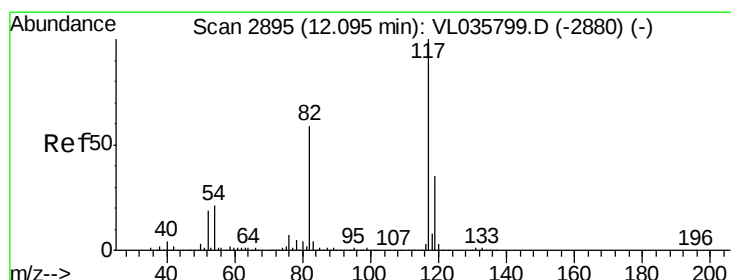
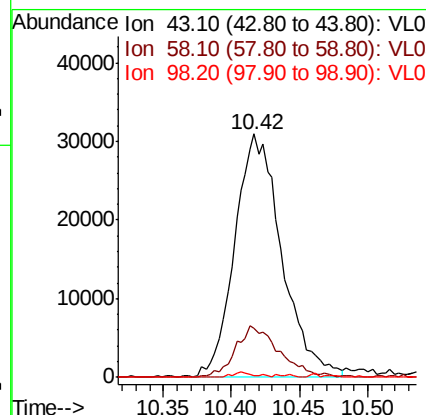
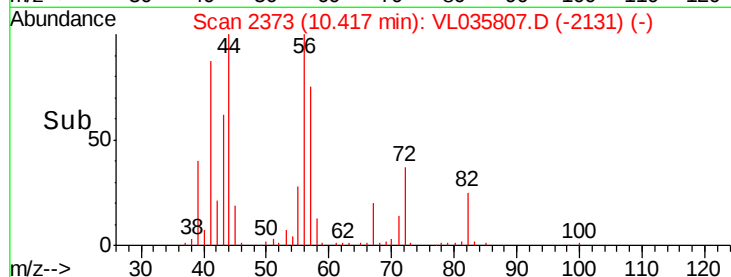
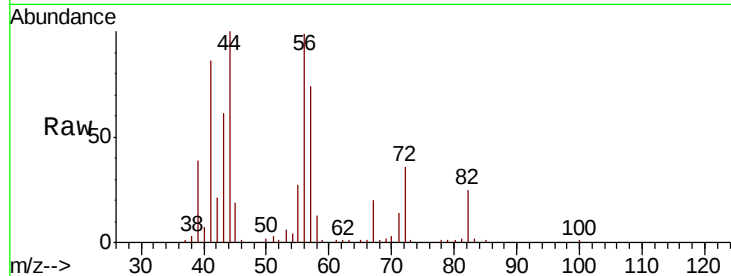




#51
2-Hexanone
Concen: 0.318 ppbv
RT: 10.42 min Scan# 2373
Delta R.T. 0.28 min
Lab File: VL035807.D
Acq: 3 Nov 2020 16:45

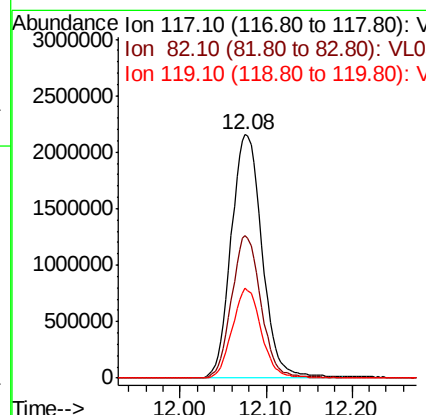
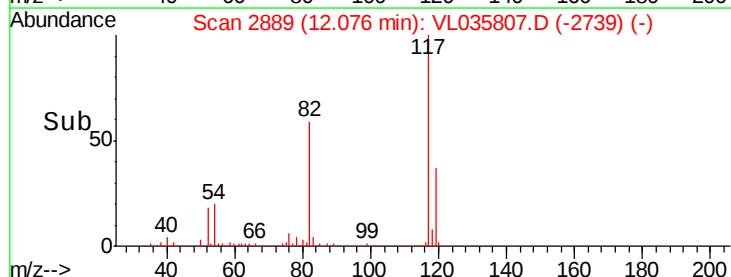
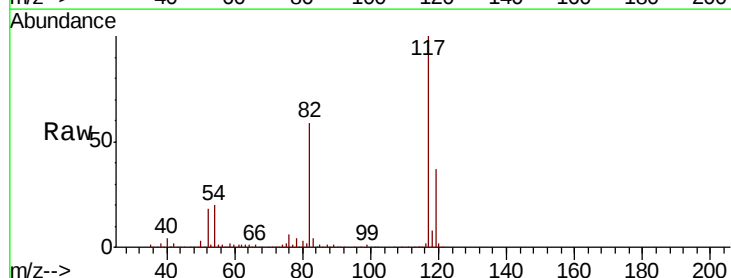
Instrument :
MSVOA_L
ClientSampleId :

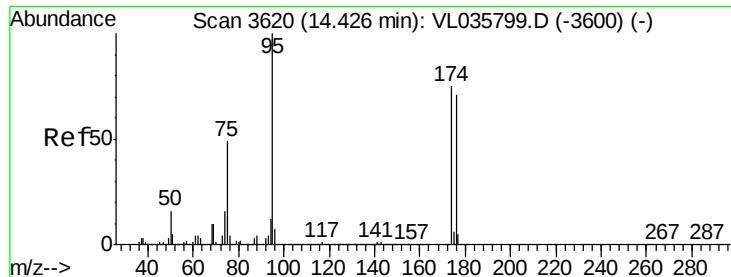
Tot Ion: 43 Resp: 74148
Ion Ratio Lower Upper
43 100
58 19.9 48.3 72.5#
98 1.4 0.6 0.8#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL035807.D
Acq: 3 Nov 2020 16:45

Tgt Ion: 117 Resp: 5394978
Ion Ratio Lower Upper
117 100
82 56.2 50.6 76.0
119 35.1 52.6 78.8#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.067 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.02 min

Lab File: VL035807.D

Acq: 3 Nov 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 3858516

Ion Ratio Lower Upper

95 100

174 73.1 59.8 89.6

175 5.2 4.3 6.5

