

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035853.D
 Acq On : 5 Nov 2020 4:41
 Operator : SY/AP
 Sample : OC102720 CAN 10320
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 05 06:17:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	5.64	49	830999	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	3172724	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	2910189	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2102627	10.17	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

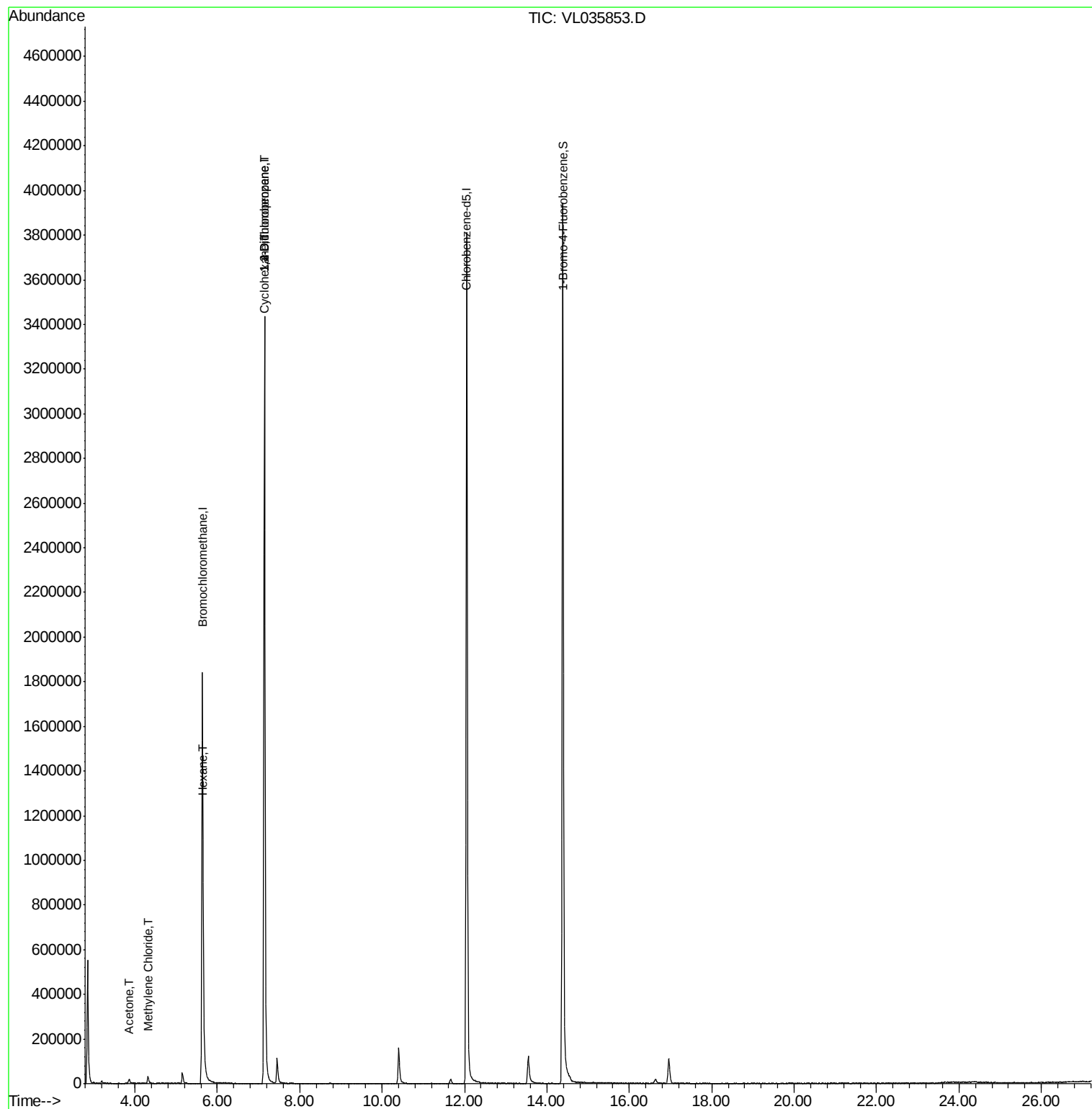
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	15589	0.175	ppbv #	1
20) Methylene Chloride	4.32	84	15359	0.246	ppbv	98
26) Hexane	5.66	57	3263	0.034	ppbv #	30
30) Cyclohexane	7.13	84	6094	0.058	ppbv #	6
39) 1,2-Dichloropropane	7.14	63	623089	7.846	ppbv #	31

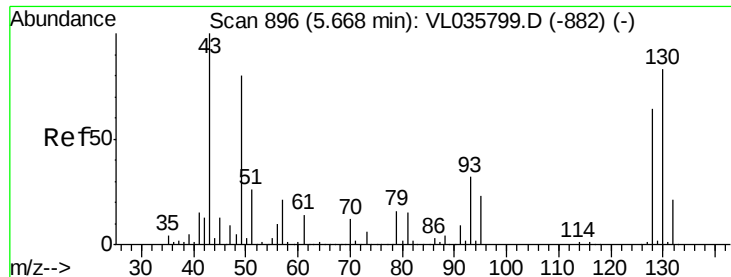
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 886

Delta R.T. -0.03 min

Lab File: VL035853.D

Acq: 5 Nov 2020 4:41

Instrument :

MSVOA_L

ClientSampled :

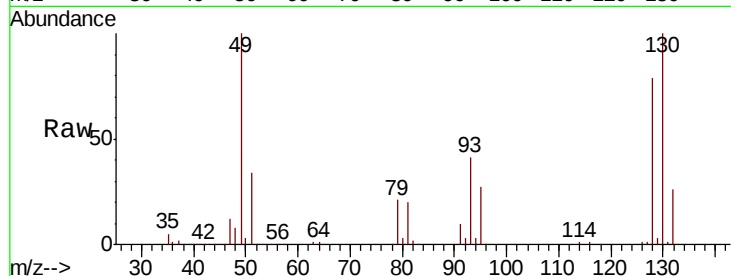
Tot Ion: 49 Resp: 830999

Ion Ratio Lower Upper

49 100

128 82.0 41.5 124.6

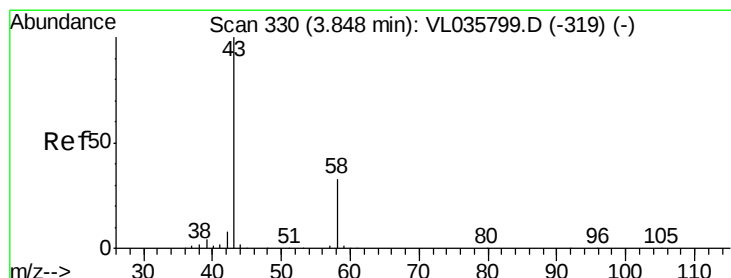
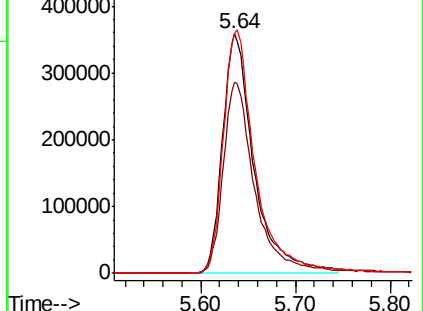
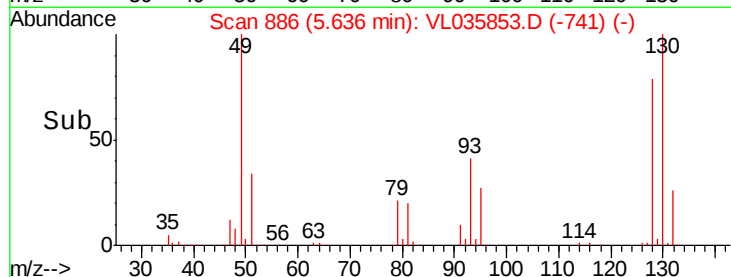
130 105.0 53.7 161.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.175 ppbv

RT: 3.85 min Scan# 330

Delta R.T. -0.00 min

Lab File: VL035853.D

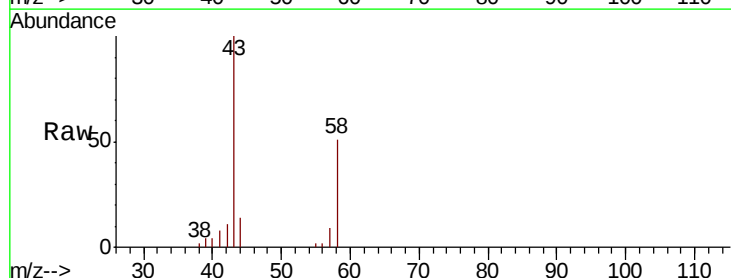
Acq: 5 Nov 2020 4:41

Tgt Ion: 43 Resp: 15589

Ion Ratio Lower Upper

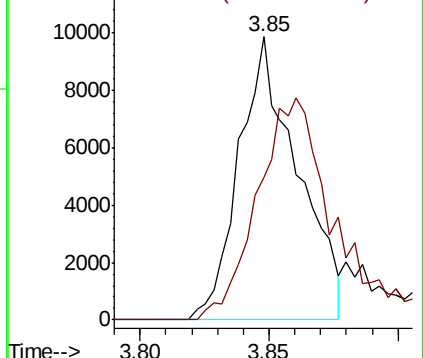
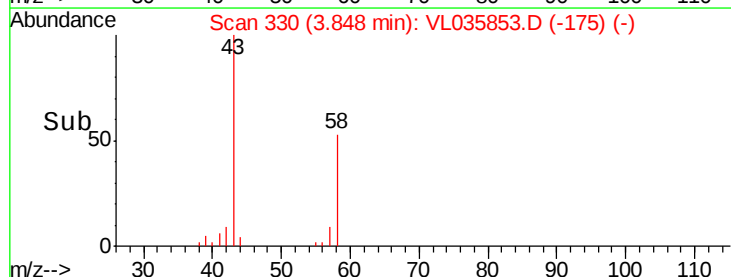
43 100

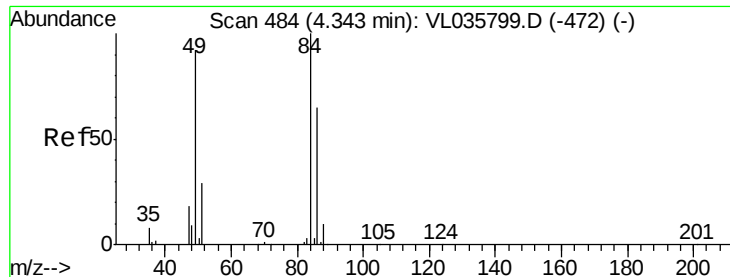
58 109.3 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

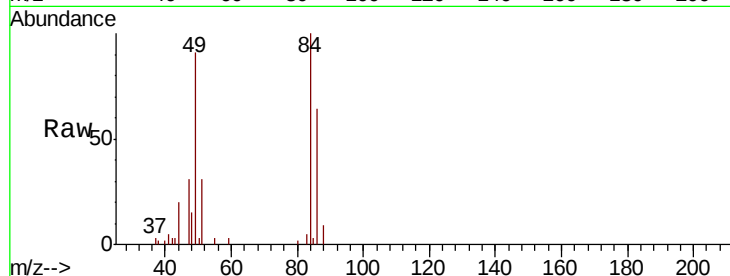




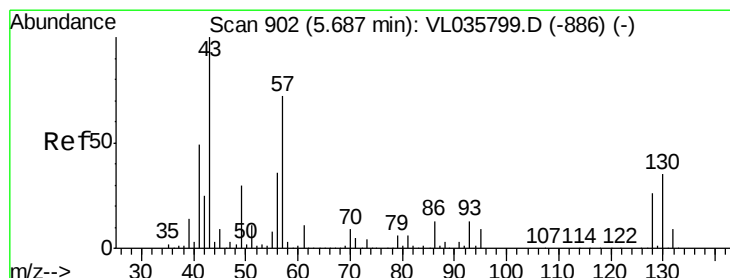
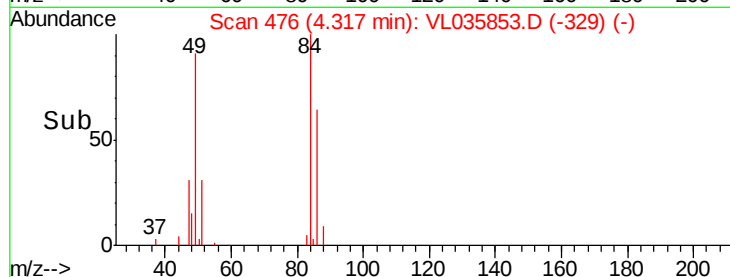
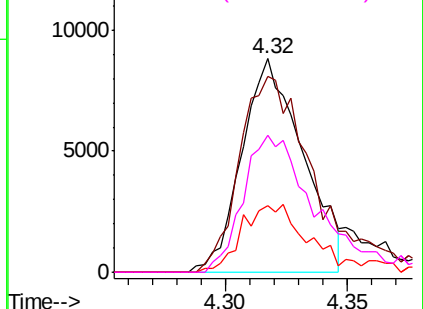
#20
Methvlene Chloride
Concen: 0.246 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL035853.D
Acq: 5 Nov 2020 4:41

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	84	Resp:	15359
Ion	Ratio	Lower	Upper
84	100		
49	91.5	73.8	110.8
51	31.4	23.0	34.4
86	64.2	52.1	78.1

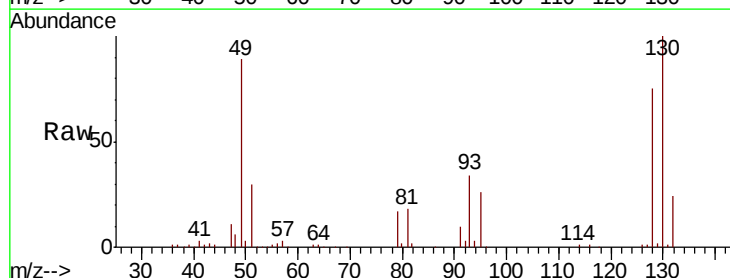


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

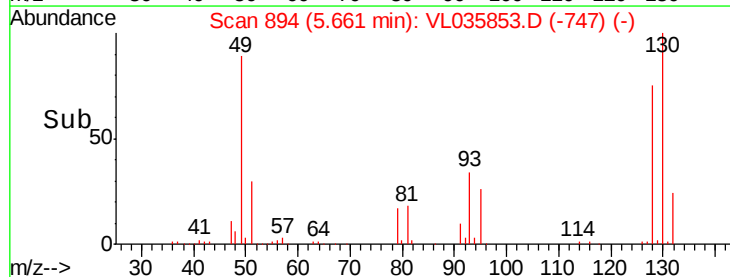
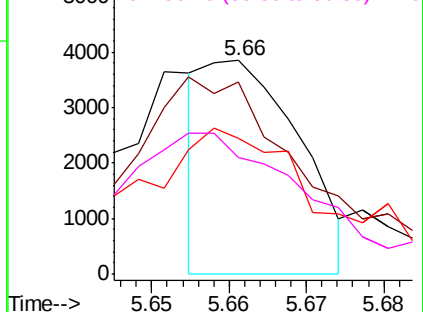


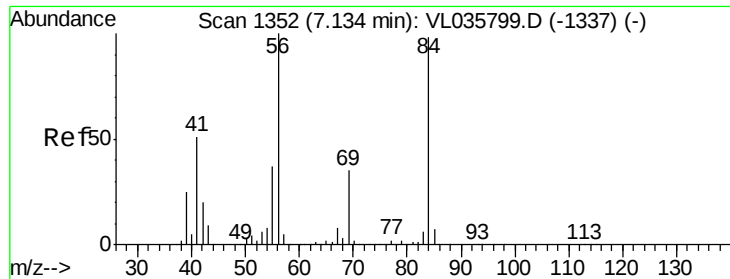
#26
Hexane
Concen: 0.034 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL035853.D
Acq: 5 Nov 2020 4:41

Tgt Ion:	57	Resp:	3263
Ion	Ratio	Lower	Upper
57	100		
41	210.6	58.9	88.3#
43	161.8	150.2	225.2
56	141.5	42.4	63.6#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

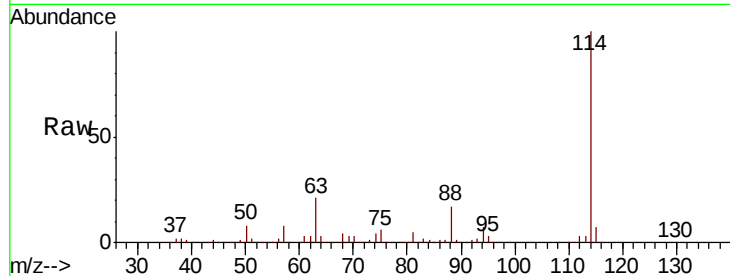




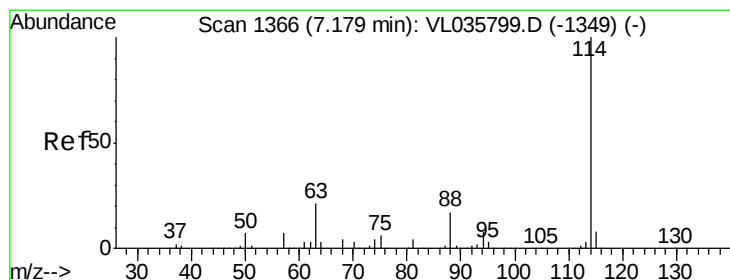
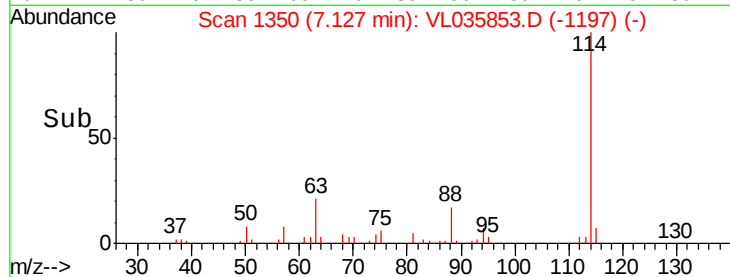
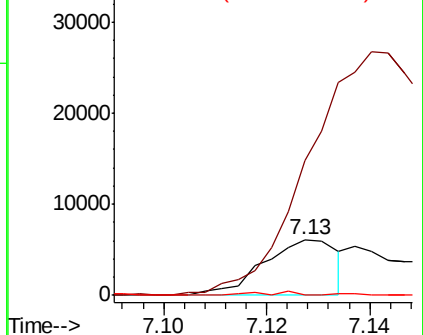
#30
Cyclohexane
Concen: 0.058 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL035853.D
Acq: 5 Nov 2020 4:41

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 6094
Ion Ratio Lower Upper
84 100
56 0.0 86.4 129.6#
41 0.0 42.1 63.1#

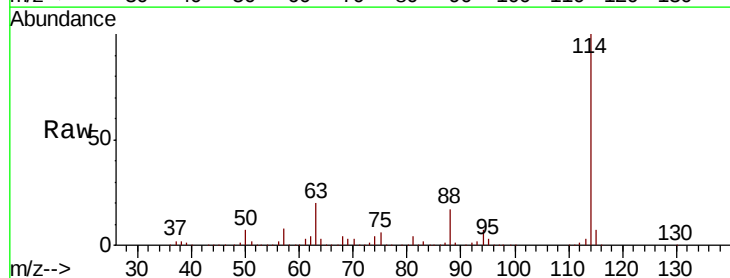


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

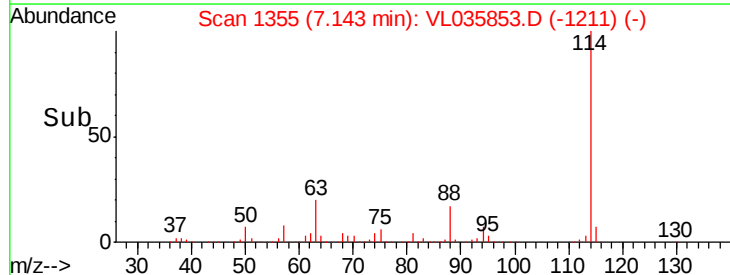
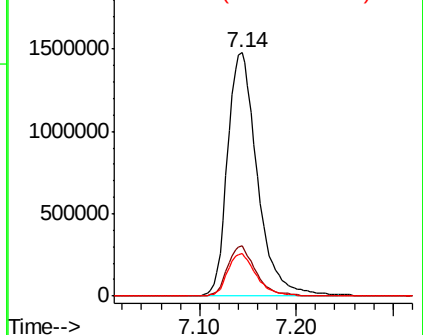


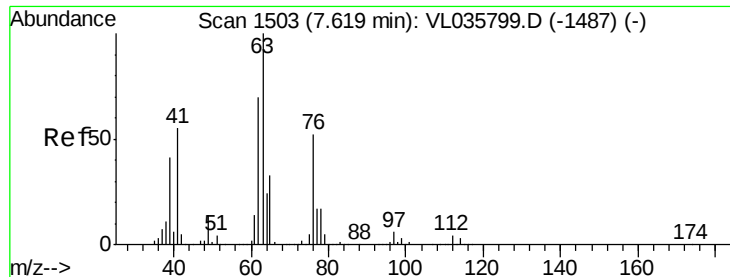
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.04 min
Lab File: VL035853.D
Acq: 5 Nov 2020 4:41

Tgt Ion: 114 Resp: 3172724
Ion Ratio Lower Upper
114 100
63 19.9 16.1 24.1
88 17.0 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

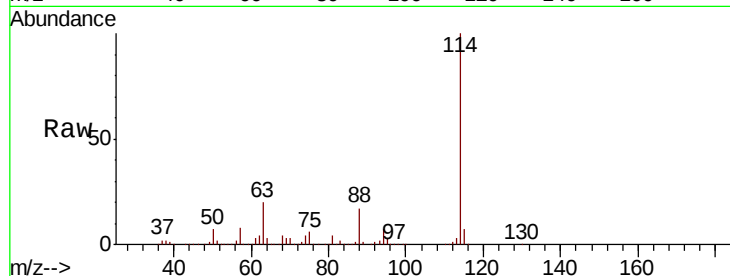




#39
 1,2-Dichloropropane
 Concen: 7.846 ppbv
 RT: 7.14 min Scan# 1355
 Delta R.T. -0.48 min
 Lab File: VL035853.D
 Acq: 5 Nov 2020 4:41

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	17.4	56.2	84.2#

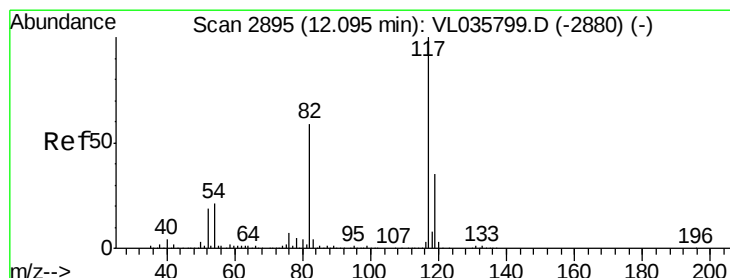
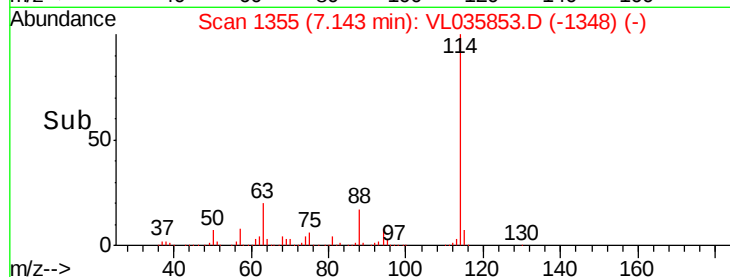
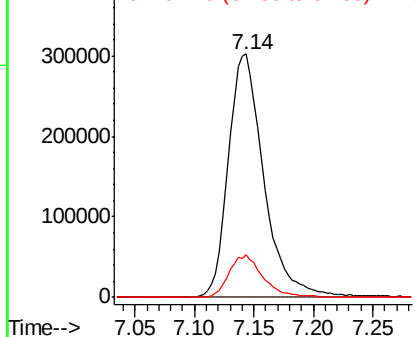


Abundance

Ion 63.10 (62.80 to 63.80): VL0

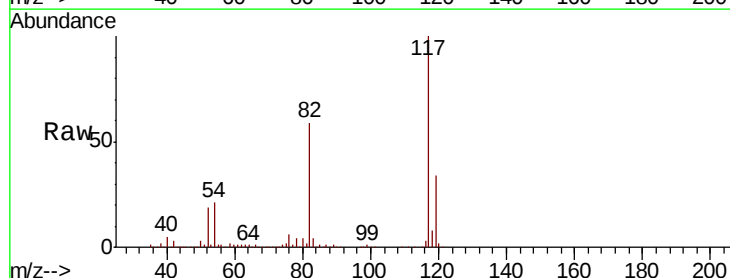
Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.05 min Scan# 2882
 Delta R.T. -0.04 min
 Lab File: VL035853.D
 Acq: 5 Nov 2020 4:41

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.9	50.6	76.0
119	34.0	52.6	78.8#

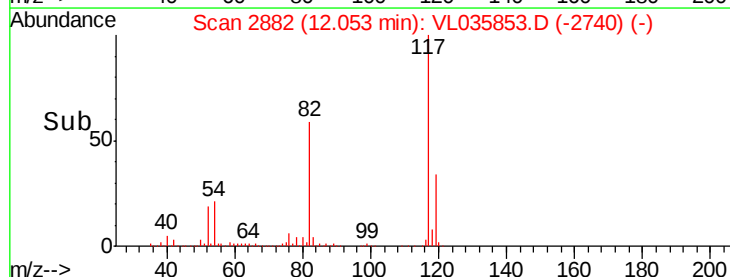
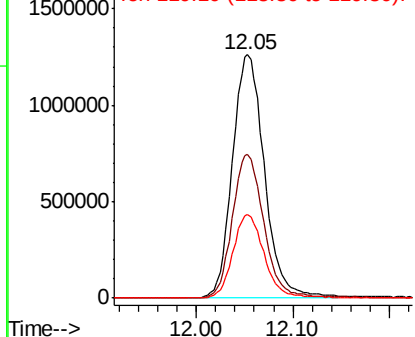


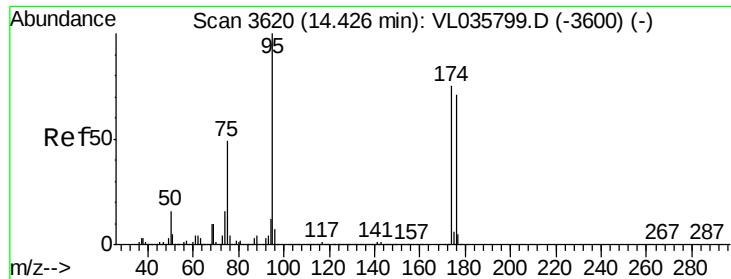
Abundance

Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.169 ppbv

RT: 14.38 min Scan# 3607

Delta R.T. -0.04 min

Lab File: VL035853.D

Acq: 5 Nov 2020 4:41

Instrument :

MSVOA_L

ClientSampleId :

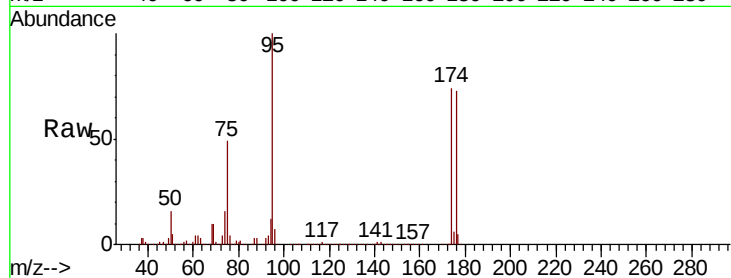
Tot Ion: 95 Resp: 2102627

Ion Ratio Lower Upper

95 100

174 76.5 59.8 89.6

175 5.5 4.3 6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0
1200000
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

