

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111020\
 Data File : VL035899.D
 Acq On : 10 Nov 2020 21:51
 Operator : SY/AP
 Sample : OC102920 CAN 10604
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 11 01:24:29 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	5.65	49	1051034	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3876439	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3634973	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2640782	10.23	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

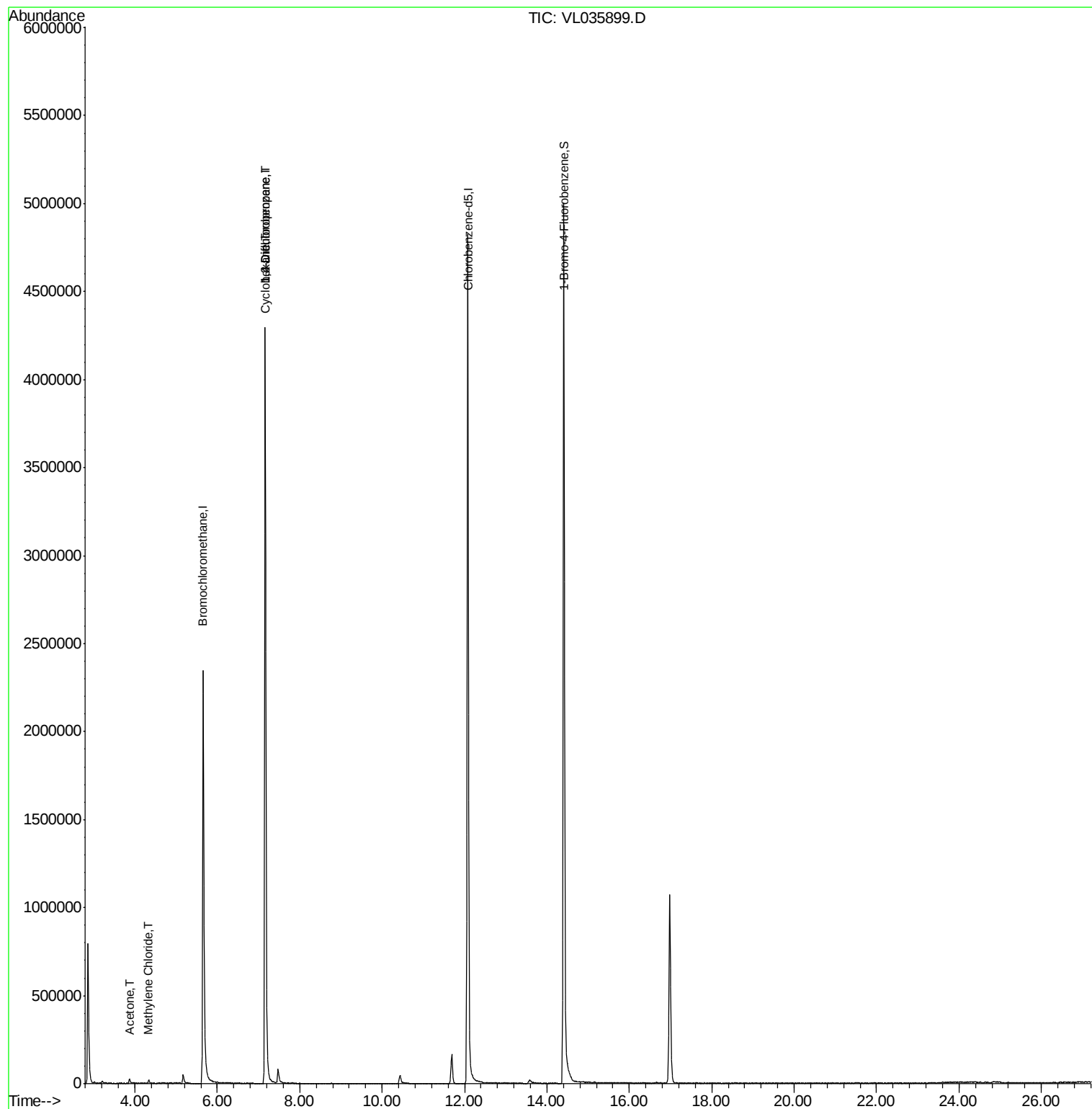
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	13582	0.121	ppbv #	40
20) Methylene Chloride	4.33	84	5531	0.070	ppbv	96
30) Cyclohexane	7.15	84	9185	0.069	ppbv #	6
39) 1,2-Dichloropropane	7.16	63	795172	8.196	ppbv #	30

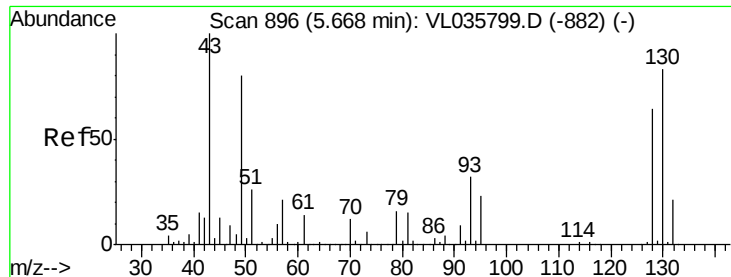
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL035899.D

Acq: 10 Nov 2020 21:51

Instrument :

MSVOA_L

ClientSampleId :

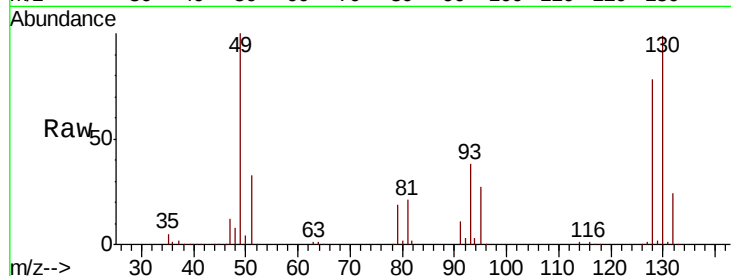
Tot Ion: 49 Resp: 1051034

Ion Ratio Lower Upper

49 100

128 81.3 41.5 124.6

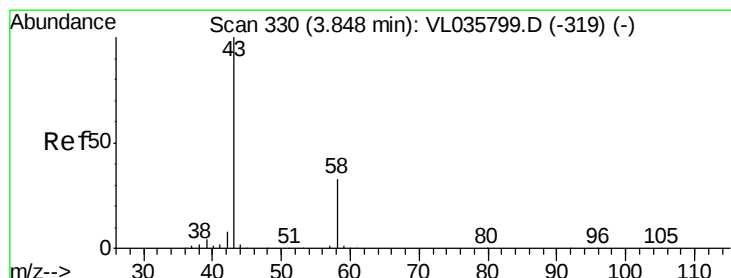
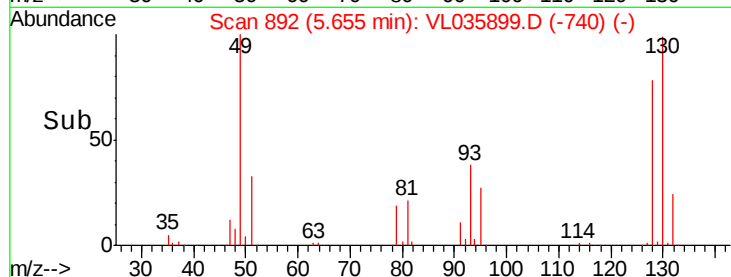
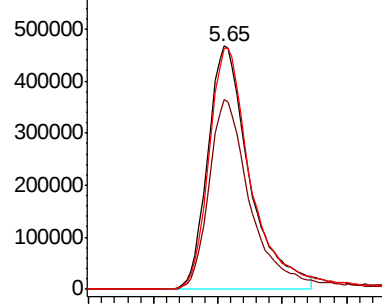
130 104.7 53.7 161.1



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: 0.121 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.02 min

Lab File: VL035899.D

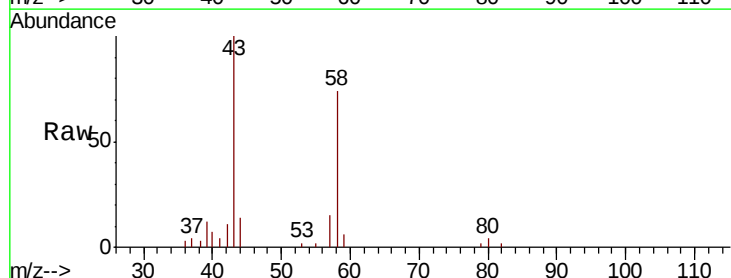
Acq: 10 Nov 2020 21:51

Tgt Ion: 43 Resp: 13582

Ion Ratio Lower Upper

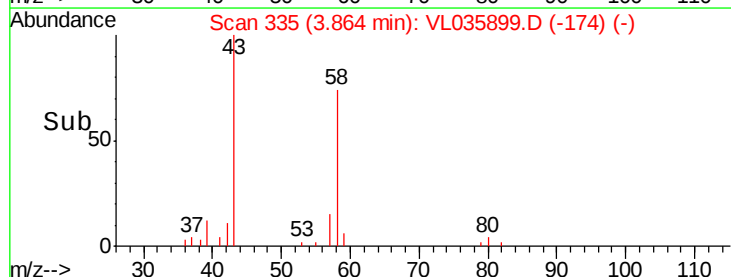
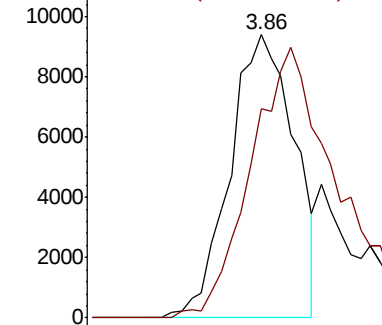
43 100

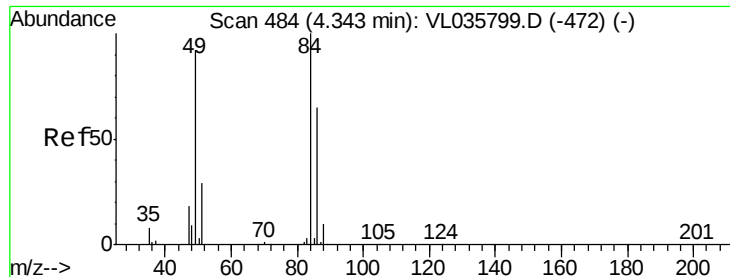
58 0.0 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

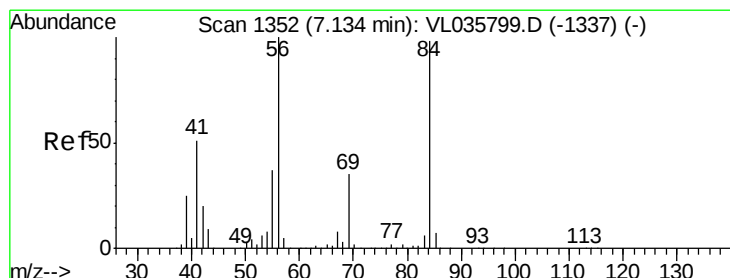
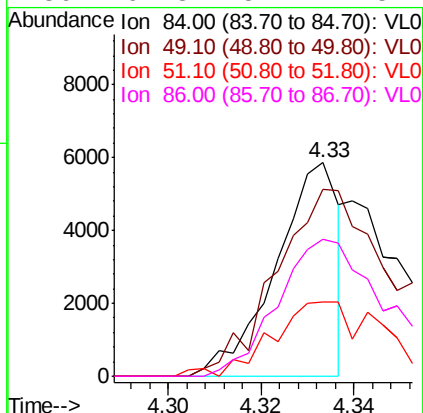
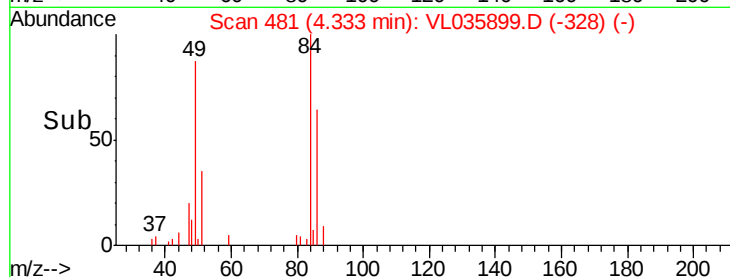
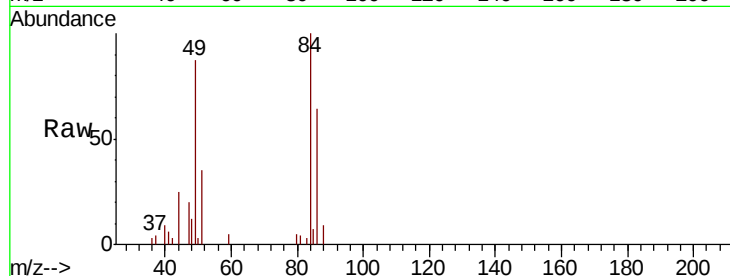




#20
Methvlene Chloride
Concen: 0.070 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL035899.D
Acq: 10 Nov 2020 21:51

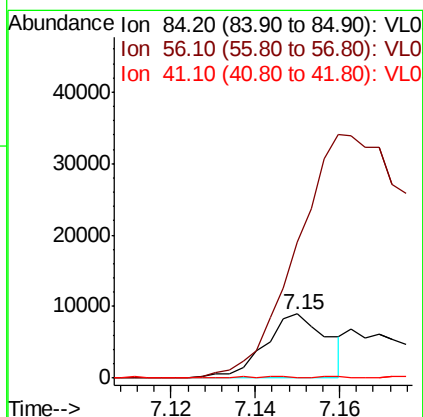
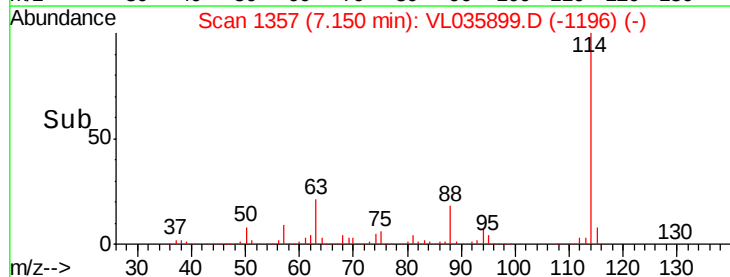
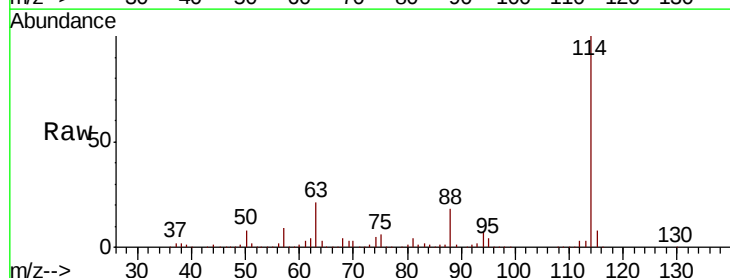
Instrument :
MSVOA_L
ClientSampleId :

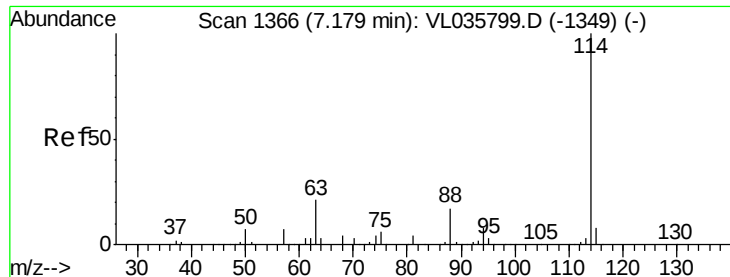
Tot Ion:	84	Resp:	5531
Ion	Ratio	Lower	Upper
84	100		
49	87.4	73.8	110.8
51	32.2	23.0	34.4
86	64.3	52.1	78.1



#30
Cyclohexane
Concen: 0.069 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.02 min
Lab File: VL035899.D
Acq: 10 Nov 2020 21:51

Tgt Ion:	84	Resp:	9185
Ion	Ratio	Lower	Upper
84	100		
56	0.0	86.4	129.6#
41	0.0	42.1	63.1#

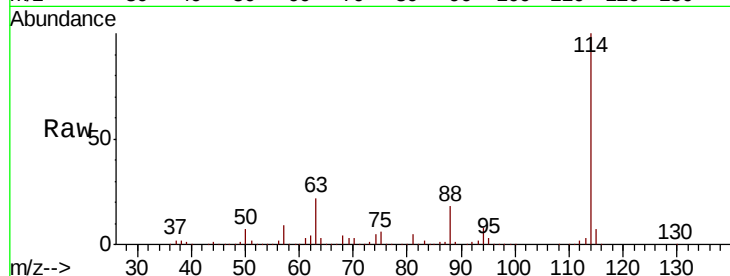




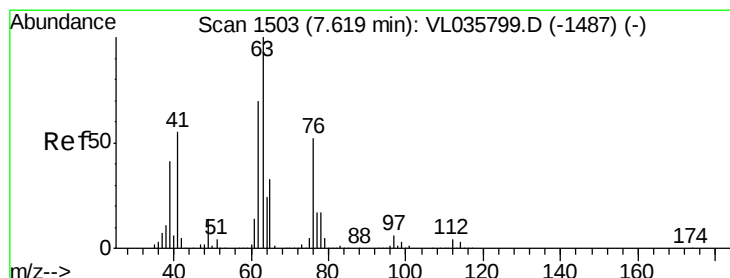
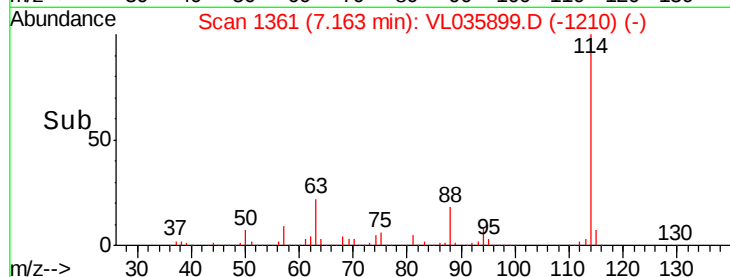
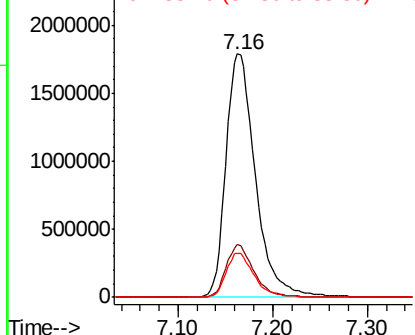
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: VL035899.D
 Acq: 10 Nov 2020 21:51

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3876439
 Ion Ratio Lower Upper
 114 100
 63 20.7 16.1 24.1
 88 17.4 13.7 20.5

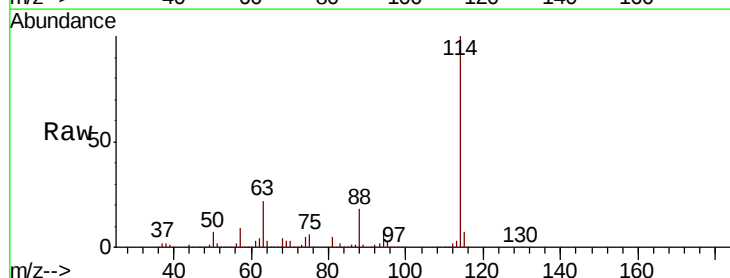


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

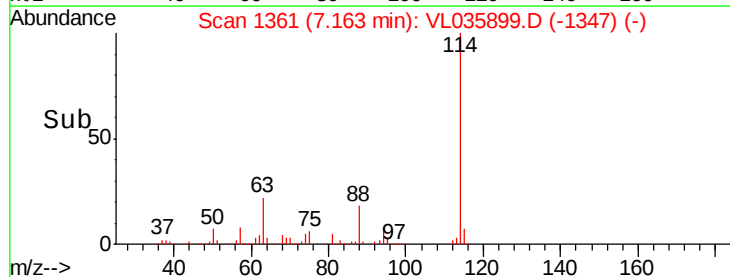
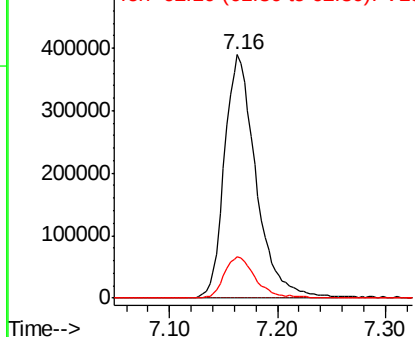


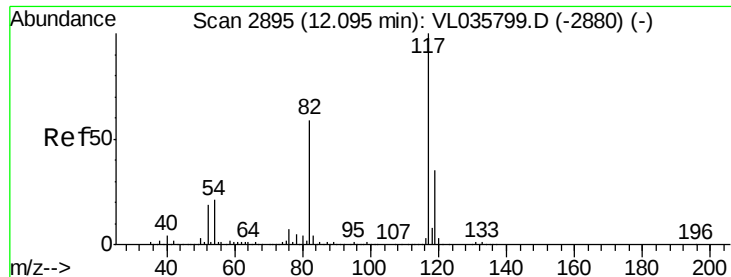
#39
 1,2-Dichloropropane
 Concen: 8.196 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.46 min
 Lab File: VL035899.D
 Acq: 10 Nov 2020 21:51

Tgt Ion: 63 Resp: 795172
 Ion Ratio Lower Upper
 63 100
 41 0.0 43.8 65.6#
 62 17.1 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

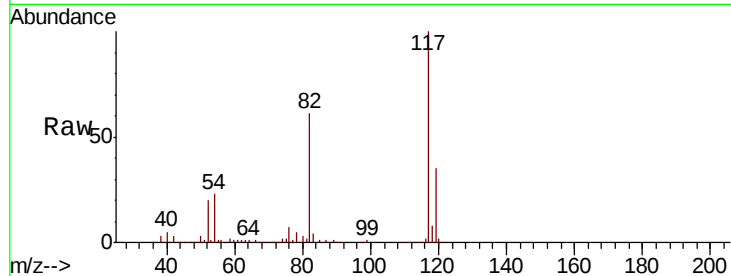




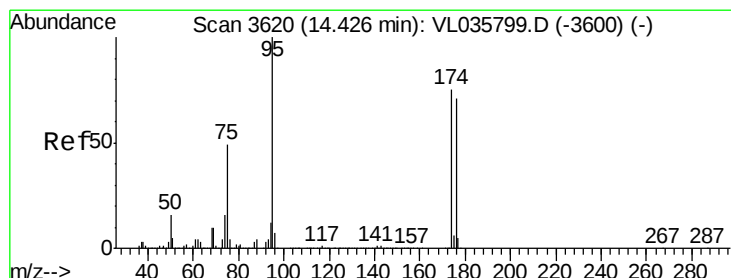
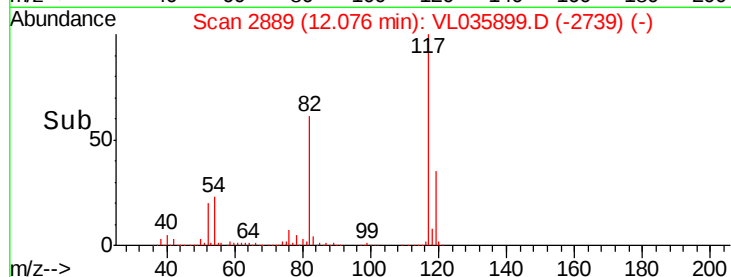
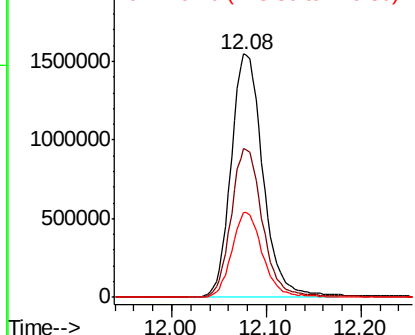
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL035899.D
Acq: 10 Nov 2020 21:51

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3634973
Ion Ratio Lower Upper
117 100
82 61.3 50.6 76.0
119 34.3 52.6 78.8#

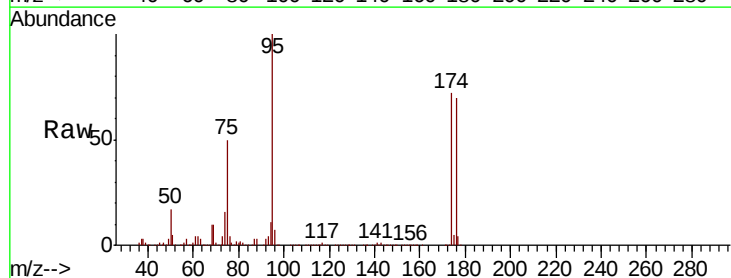


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.225 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.02 min
Lab File: VL035899.D
Acq: 10 Nov 2020 21:51

Tgt Ion: 95 Resp: 2640782
Ion Ratio Lower Upper
95 100
174 75.2 59.8 89.6
175 5.2 4.3 6.5



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

