

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035850.D
 Acq On : 5 Nov 2020 2:39
 Operator : SY/AP
 Sample : L4220-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 05 04:52:07 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	848183	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	3346010	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	3061926	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2185661	10.05	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

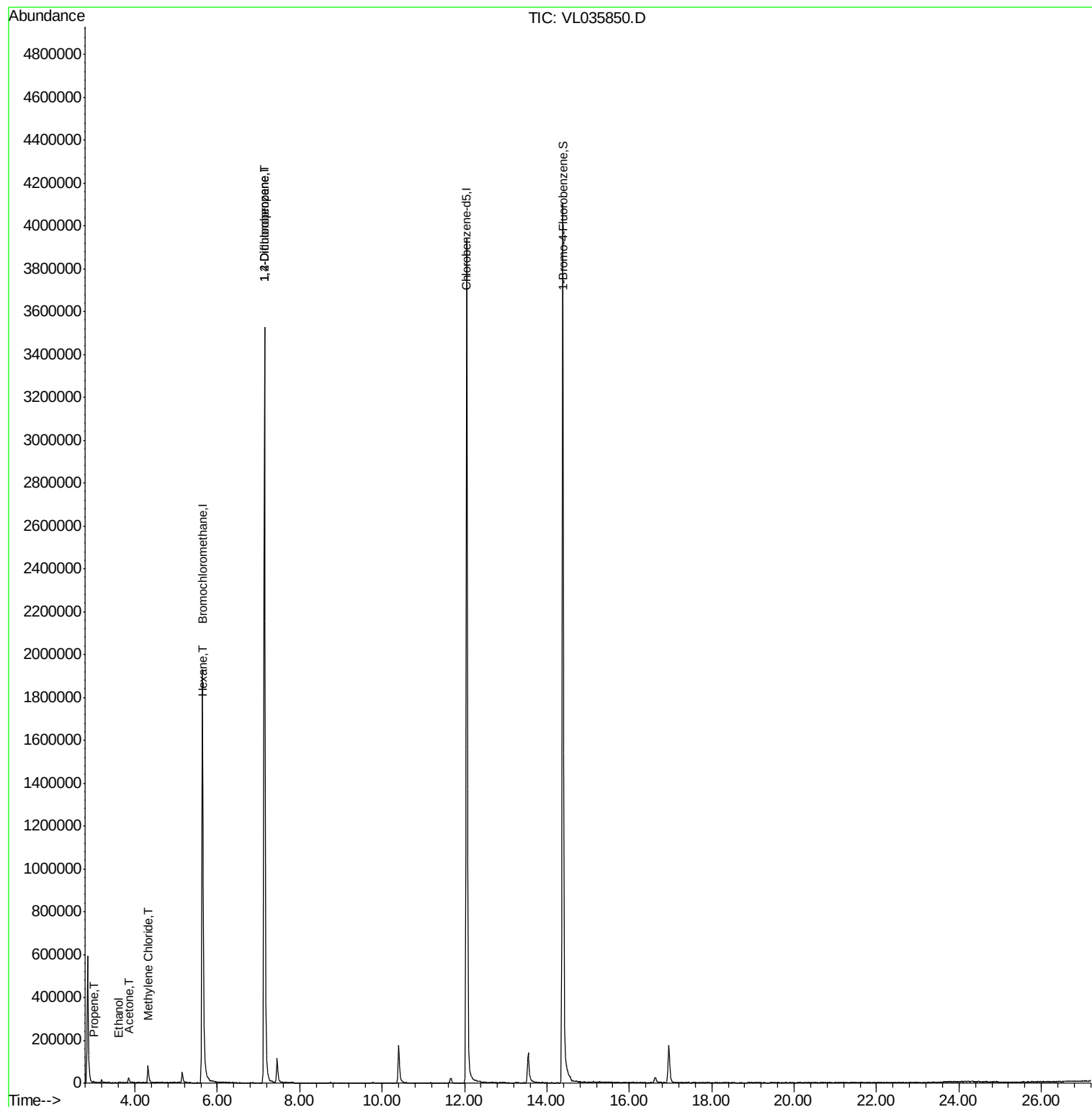
Target Compounds					Ovalue
9) Propene	2.99	41	1162	0.031 ppbv #	15
13) Ethanol	3.59	45	757	0.094 ppbv #	35
15) Acetone	3.84	43	20132	0.222 ppbv #	1
20) Methylene Chloride	4.32	84	43370	0.679 ppbv	95
26) Hexane	5.65	57	20156	0.205 ppbv #	42
39) 1,2-Dichloropropane	7.14	63	637635	7.614 ppbv #	31

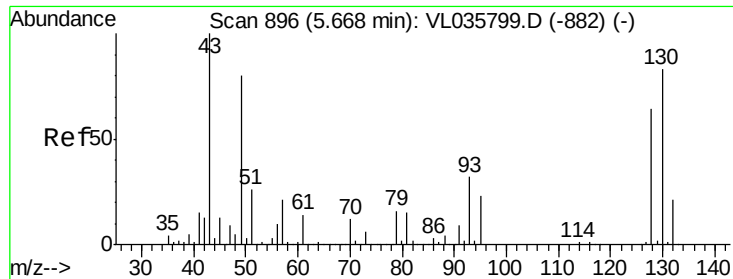
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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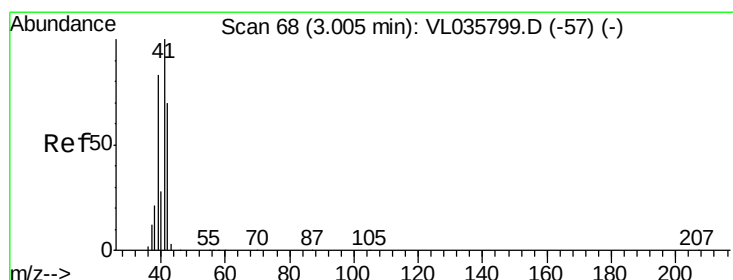
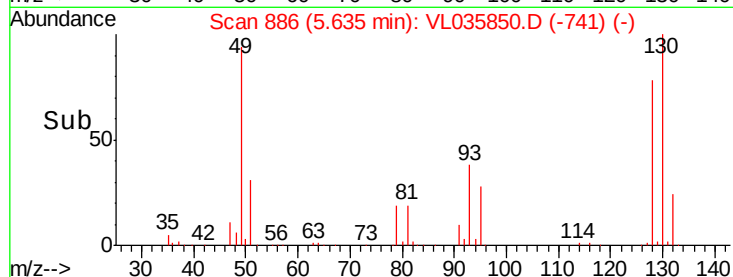
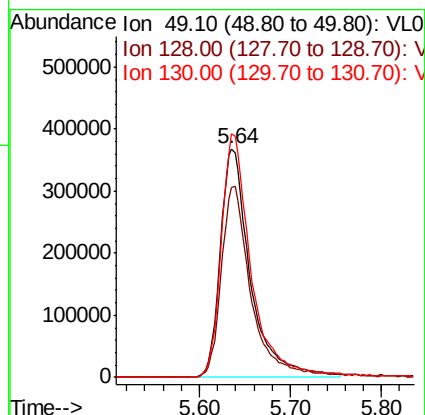
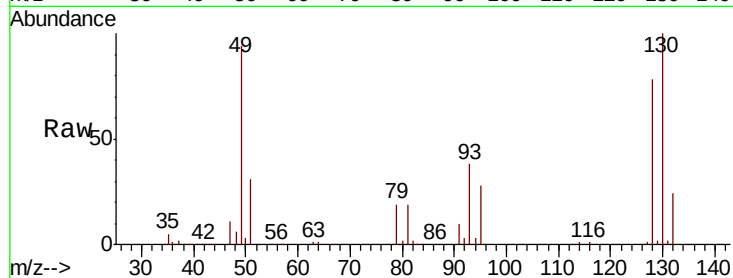




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 886
Delta R.T. -0.03 min
Lab File: VL035850.D
Acq: 5 Nov 2020 2:39

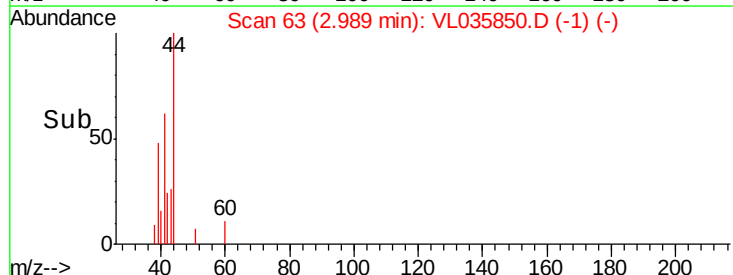
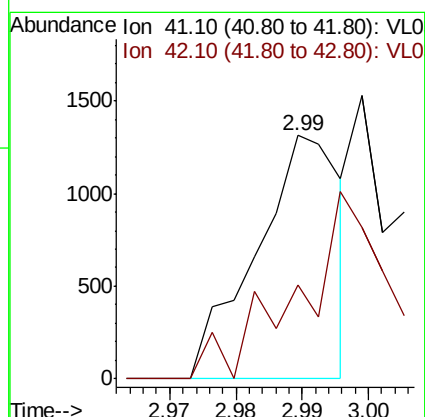
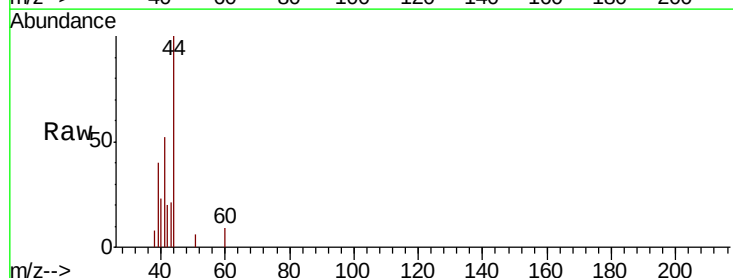
Instrument :
MSVOA_L
ClientSampleId :

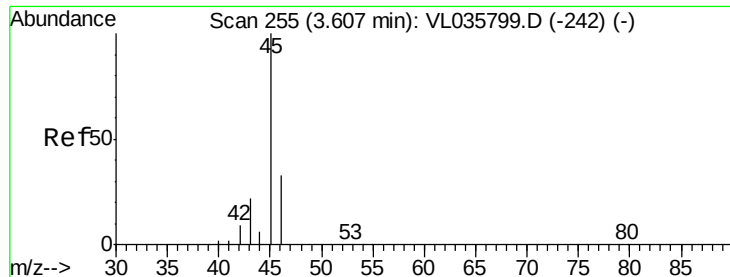
Tot Ion: 49 Resp: 848183
Ion Ratio Lower Upper
49 100
128 83.9 41.5 124.6
130 107.3 53.7 161.1



#9
Propene
Concen: 0.031 ppbv
RT: 2.99 min Scan# 63
Delta R.T. -0.02 min
Lab File: VL035850.D
Acq: 5 Nov 2020 2:39

Tgt Ion: 41 Resp: 1162
Ion Ratio Lower Upper
41 100
42 0.0 56.2 84.4#

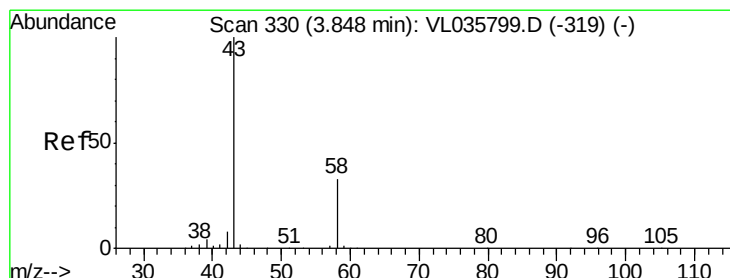
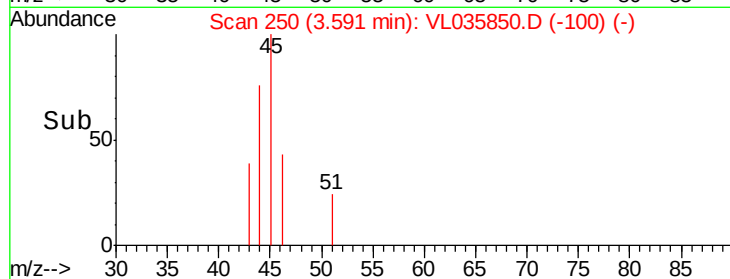
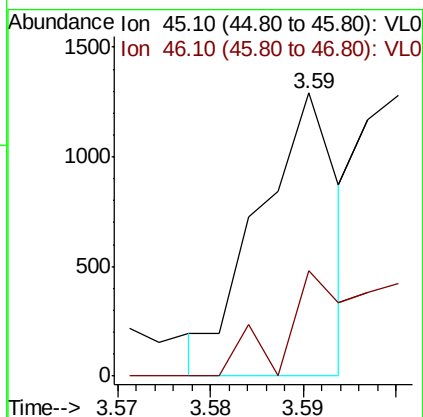
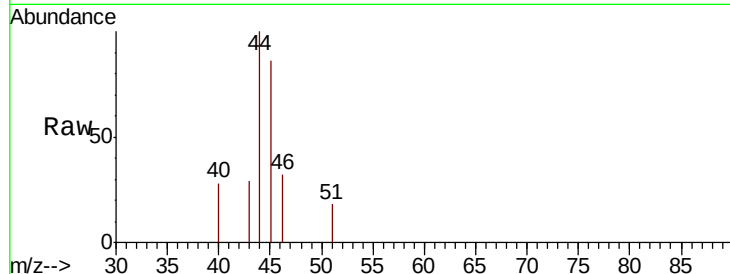




#13
Ethanol
Concen: 0.094 ppbv
RT: 3.59 min Scan# 250
Delta R.T. -0.02 min
Lab File: VL035850.D
Acq: 5 Nov 2020 2:39

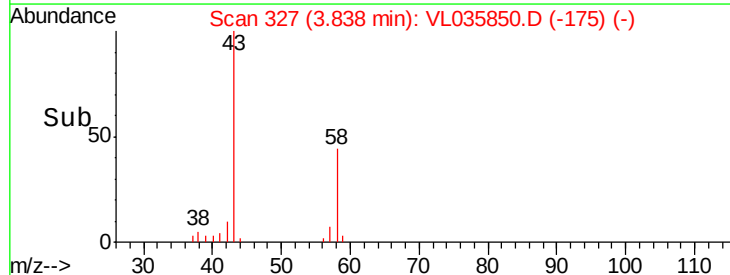
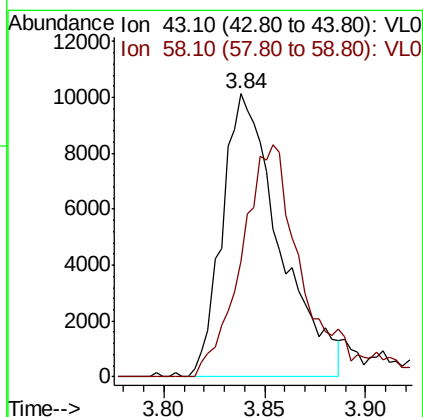
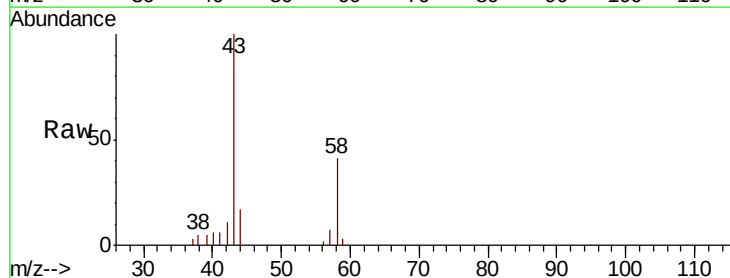
Instrument :
MSVOA_L
ClientSampled :

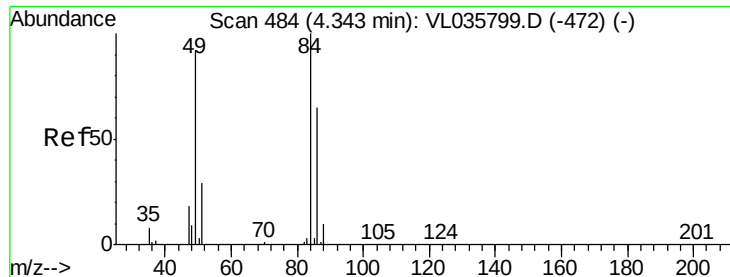
Tot Ion: 45 Resp: 757
Ion Ratio Lower Upper
45 100
46 0.0 16.1 64.5#



#15
Acetone
Concen: 0.222 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL035850.D
Acq: 5 Nov 2020 2:39

Tgt Ion: 43 Resp: 20132
Ion Ratio Lower Upper
43 100
58 92.9 27.5 41.3#

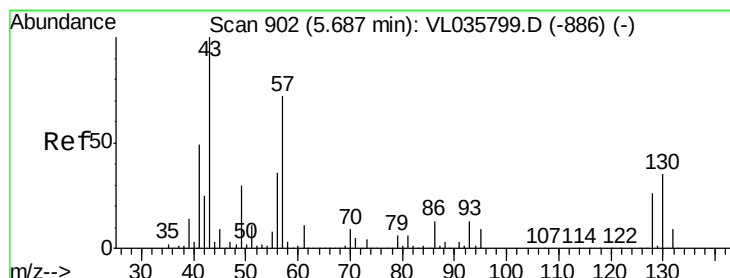
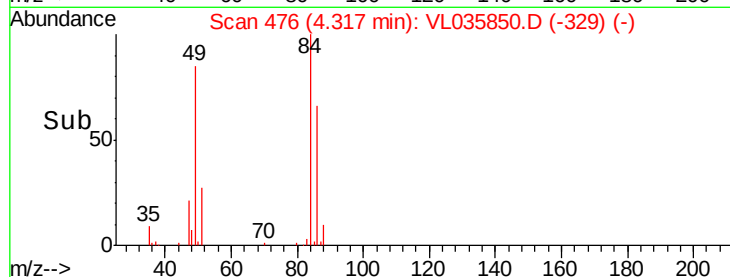
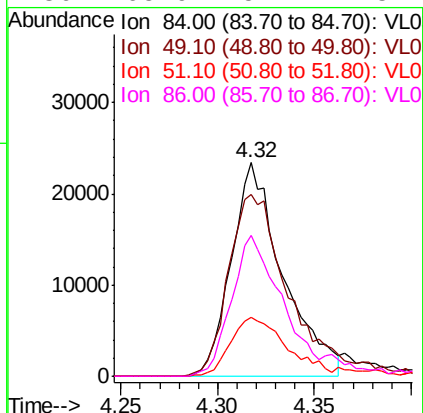
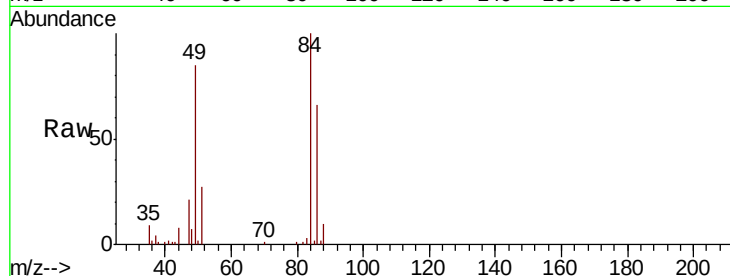




#20
Methvlene Chloride
Concen: 0.679 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL035850.D
Acq: 5 Nov 2020 2:39

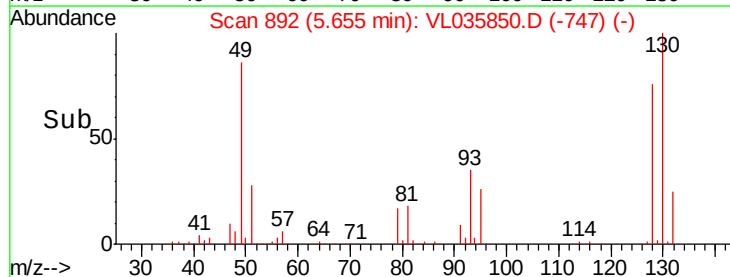
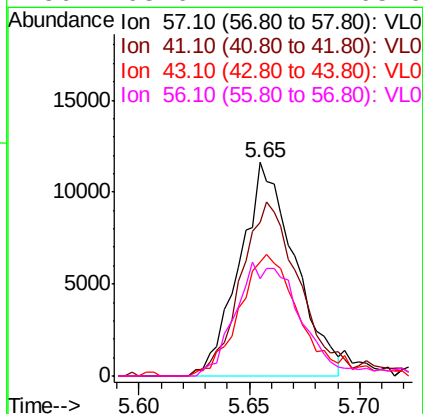
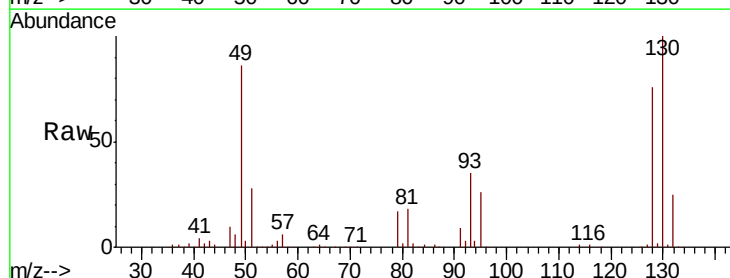
Instrument :
MSVOA_L
ClientSampleId :

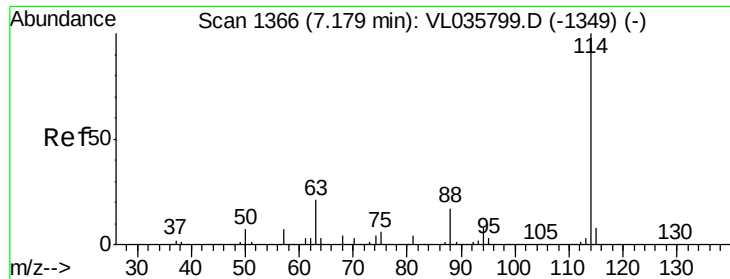
Tot Ion:	84	Resp:	43370
Ion	Ratio	Lower	Upper
84	100		
49	84.0	73.8	110.8
51	27.4	23.0	34.4
86	65.9	52.1	78.1



#26
Hexane
Concen: 0.205 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.03 min
Lab File: VL035850.D
Acq: 5 Nov 2020 2:39

Tgt Ion:	57	Resp:	20156
Ion	Ratio	Lower	Upper
57	100		
41	91.6	58.9	88.3#
43	64.0	150.2	225.2#
56	63.6	42.4	63.6

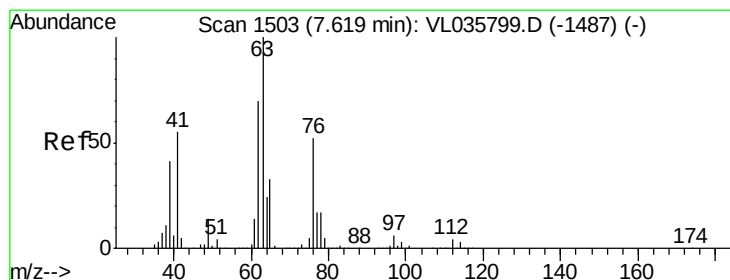
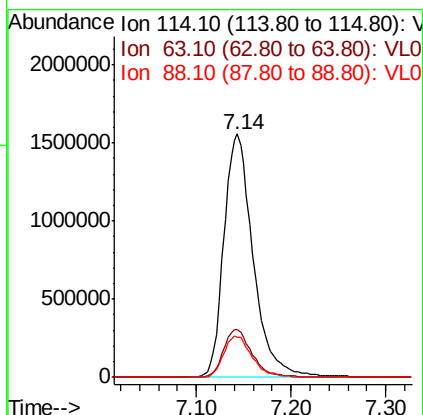
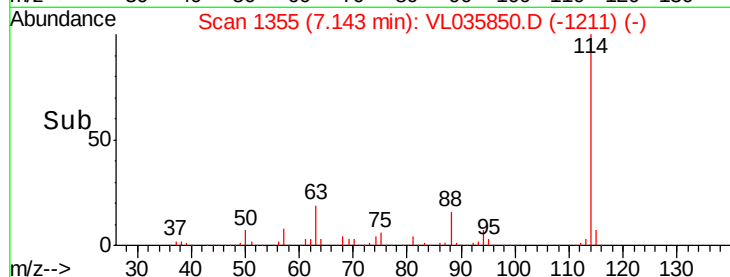
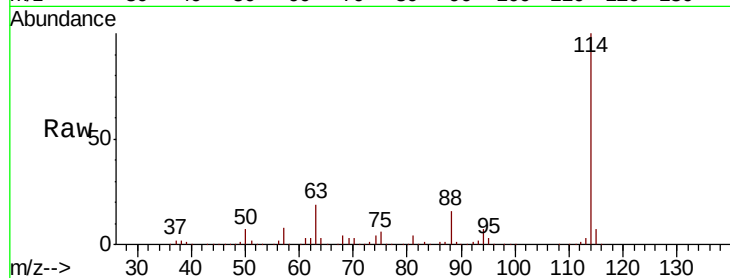




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1355
 Delta R.T. -0.04 min
 Lab File: VL035850.D
 Acq: 5 Nov 2020 2:39

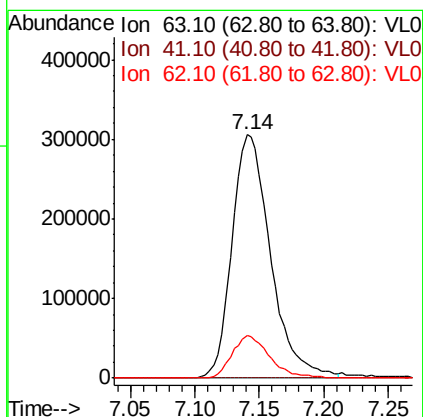
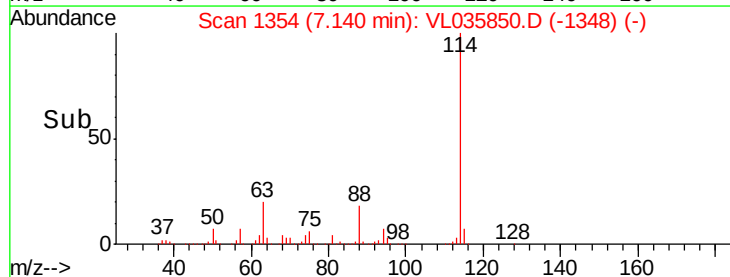
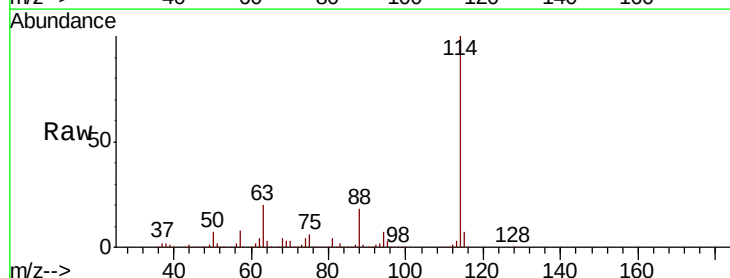
Instrument :
 MSVOA_L
 ClientSampleId :

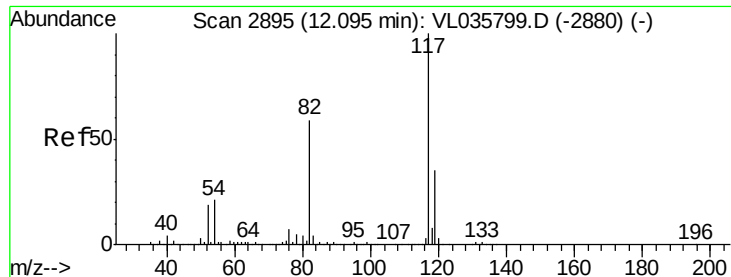
Tot Ion:114 Resp: 3346010
 Ion Ratio Lower Upper
 114 100
 63 19.4 16.1 24.1
 88 16.7 13.7 20.5



#39
 1,2-Dichloropropane
 Concen: 7.614 ppbv
 RT: 7.14 min Scan# 1354
 Delta R.T. -0.48 min
 Lab File: VL035850.D
 Acq: 5 Nov 2020 2:39

Tgt Ion: 63 Resp: 637635
 Ion Ratio Lower Upper
 63 100
 41 0.0 43.8 65.6#
 62 17.4 56.2 84.2#

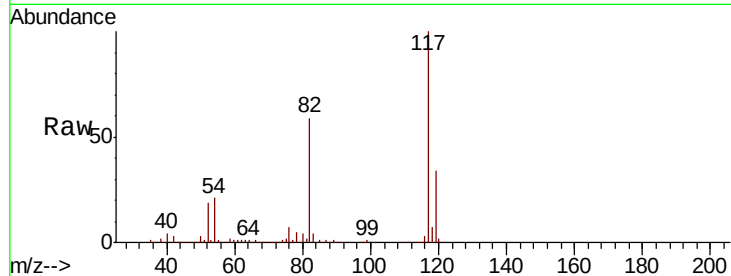




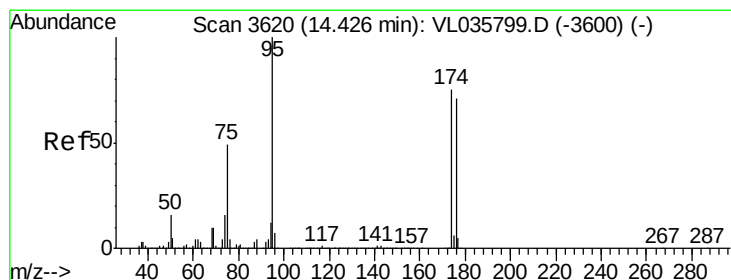
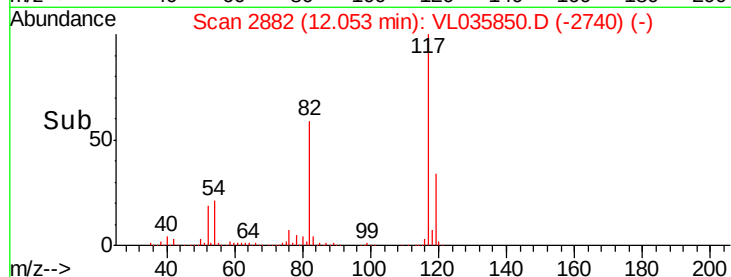
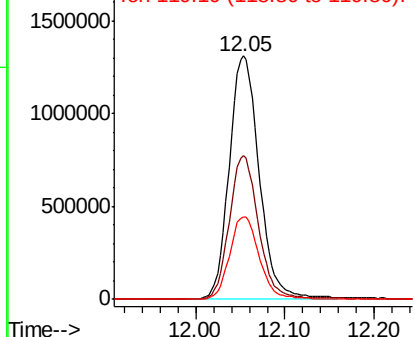
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.04 min
Lab File: VL035850.D
Acq: 5 Nov 2020 2:39

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3061926
Ion Ratio Lower Upper
117 100
82 58.3 50.6 76.0
119 34.0 52.6 78.8#

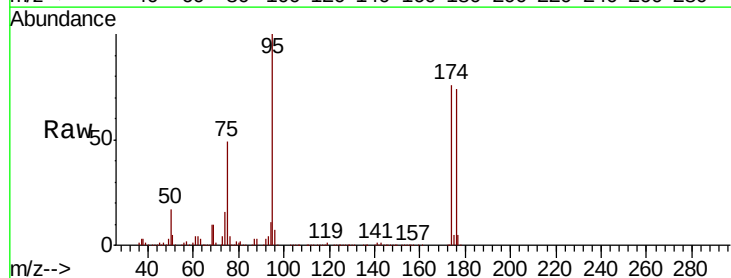


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.047 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.04 min
Lab File: VL035850.D
Acq: 5 Nov 2020 2:39

Tgt Ion: 95 Resp: 2185661
Ion Ratio Lower Upper
95 100
174 78.7 59.8 89.6
175 5.4 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

