

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012720\
 Data File : VL034562.D
 Acq On : 27 Jan 2020 15:38
 Operator : SY/AP
 Sample : OC012020 CAN 10300
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 28 00:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 09 03:01:19 2020
 QLast Update : Thu Jan 09 03:01:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	919776	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1842420	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1852318	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1539713	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

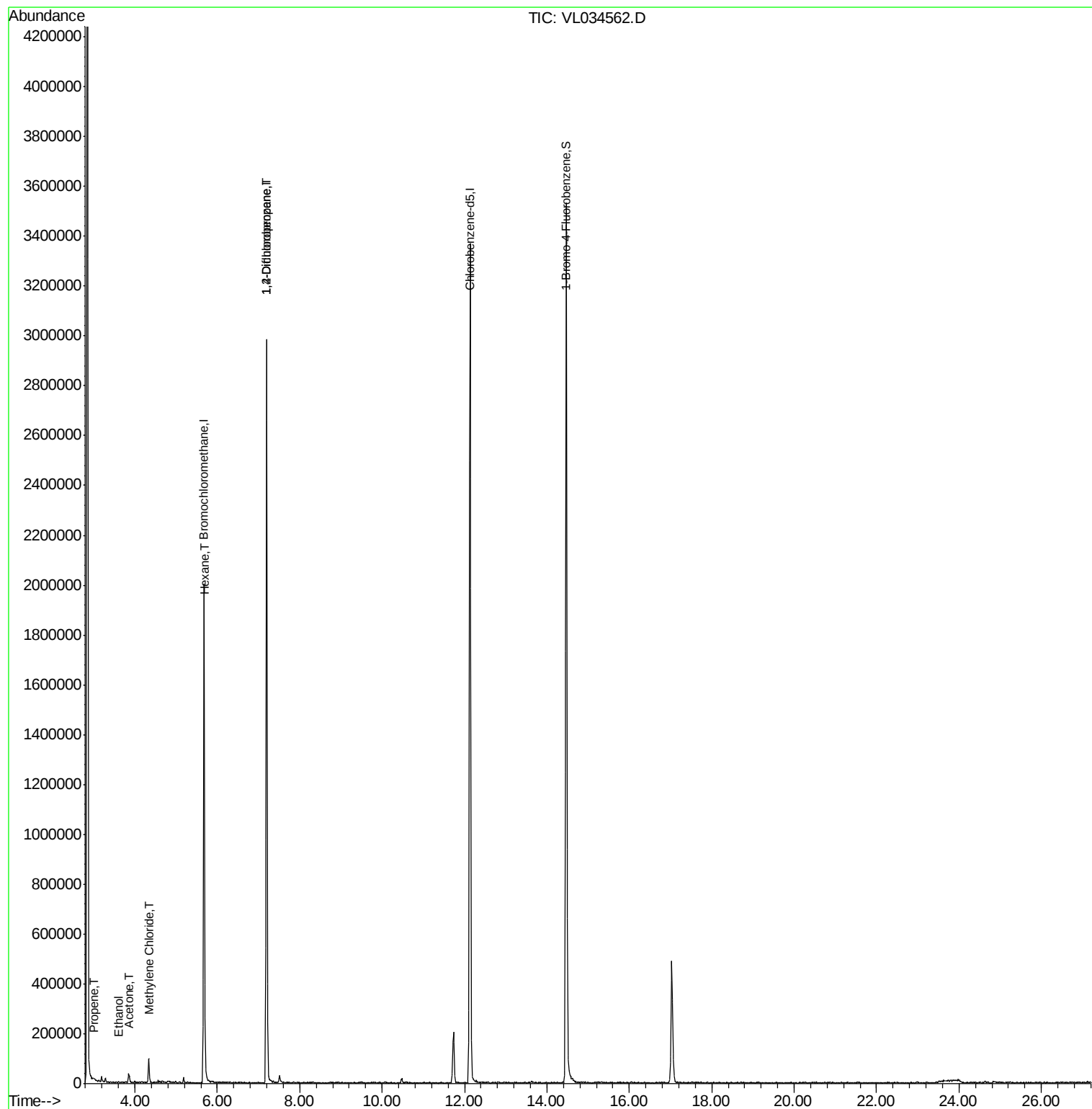
Target Compounds					Ovalue
9) Propene	2.99	41	1363	0.032	ppbv 86
13) Ethanol	3.59	45	345	0.029	ppbv # 38
15) Acetone	3.85	43	24069	0.179	ppbv # 50
20) Methylene Chloride	4.34	84	31361	0.594	ppbv 88
26) Hexane	5.69	57	2916	0.033	ppbv # 42
39) 1,2-Dichloropropane	7.20	63	547044	8.283	ppbv # 22

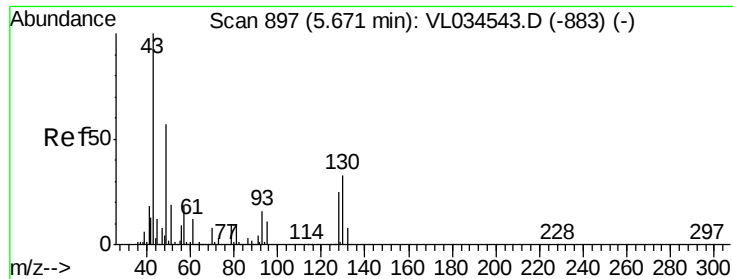
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.00 min

Lab File: VL034562.D

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Instrument :
MSVOA_L
ClientSampleId :

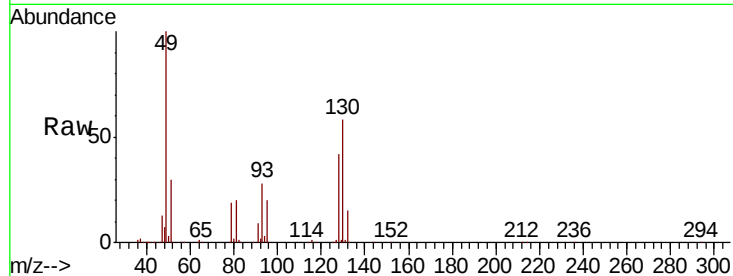
Tot Ion: 49 Resp: 919776

Ion Ratio Lower Upper

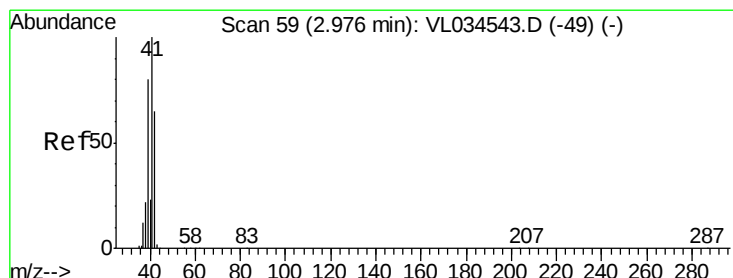
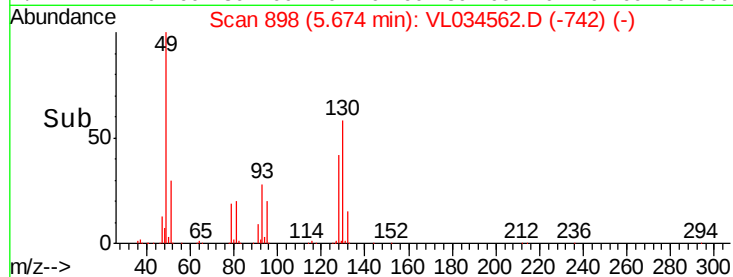
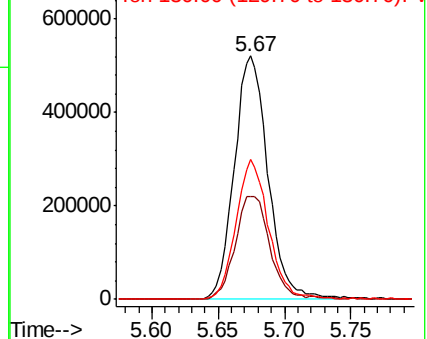
49 100

128 44.0 22.4 67.2

130 56.3 28.3 85.0



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



#9

Propene

Concen: 0.032 ppbv

RT: 2.99 min Scan# 64

Delta R.T. 0.02 min

Lab File: VL034562.D

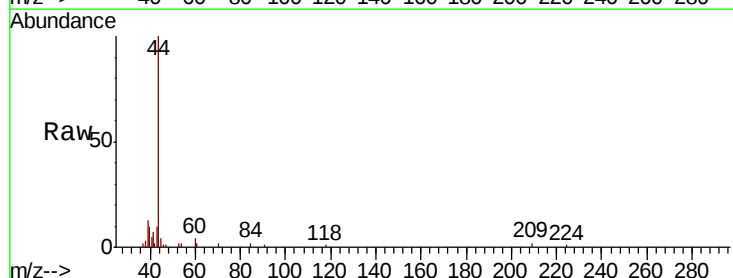
Acq: 27 Jan 2020 15:38

Tgt Ion: 41 Resp: 1363

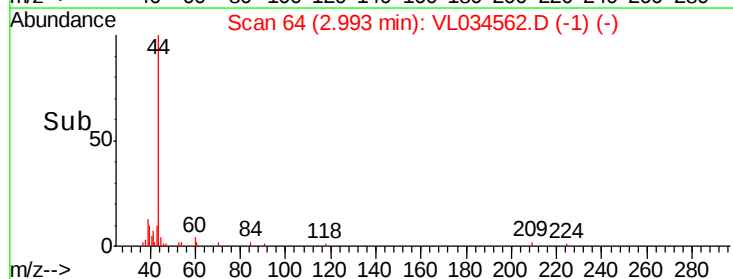
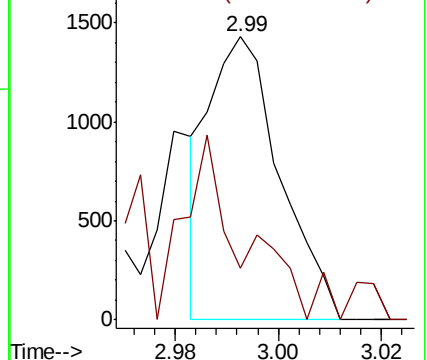
Ion Ratio Lower Upper

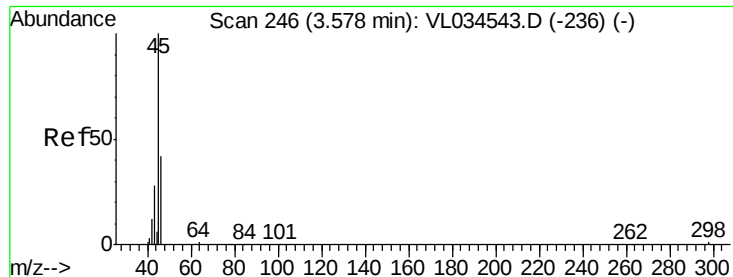
41 100

42 81.0 55.8 83.6



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0

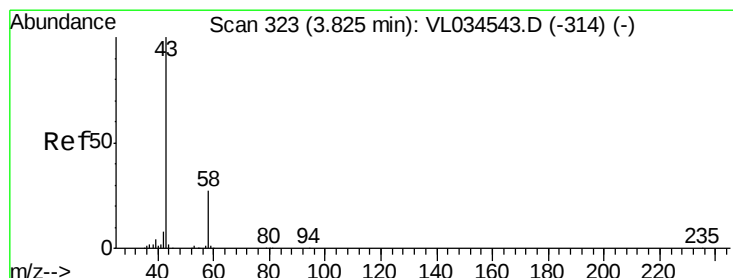
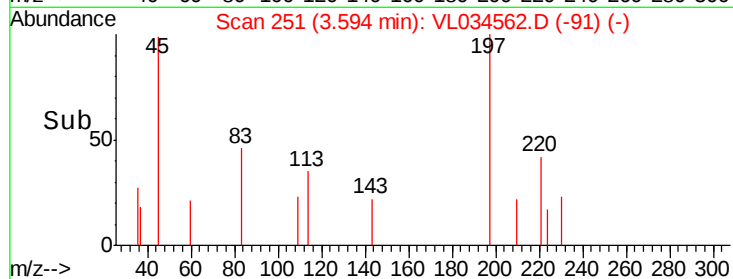
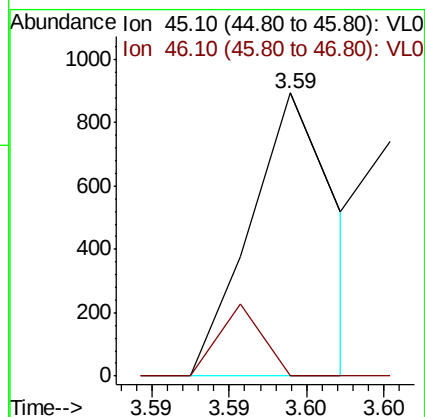
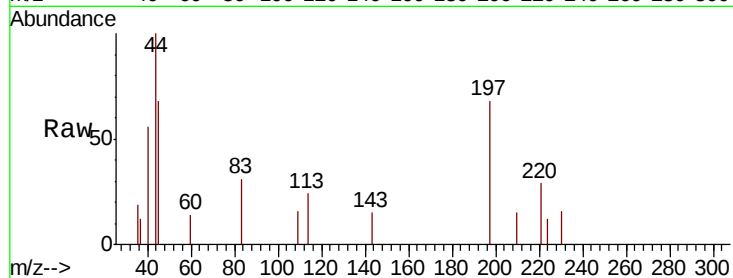




#13
Ethanol
Concen: 0.029 ppbv
RT: 3.59 min Scan# 251
Delta R.T. 0.01 min
Lab File: VL034562.D
Acq: 27 Jan 2020 15:38

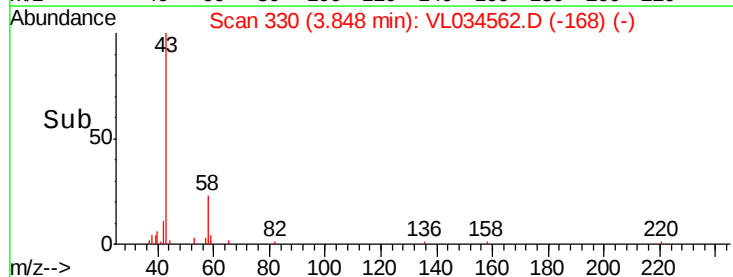
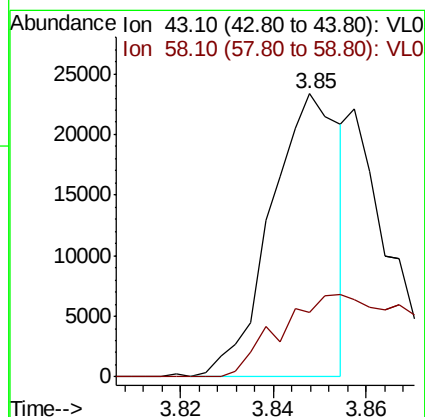
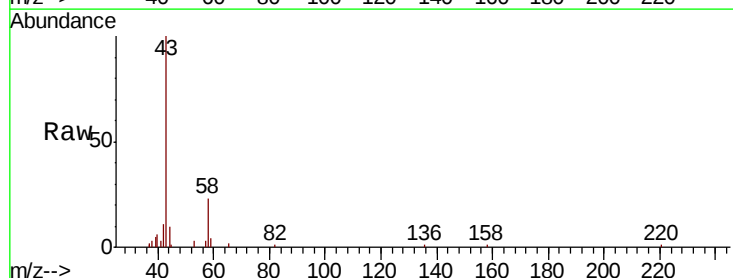
Instrument :
MSVOA_L
ClientSampleId :

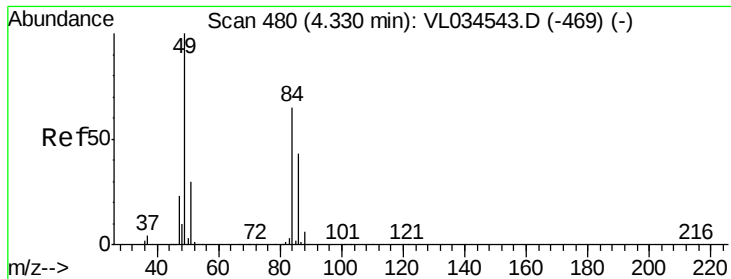
Tot Ion: 45 Resp: 345
Ion Ratio Lower Upper
45 100
46 0.0 14.9 59.7#



#15
Acetone
Concen: 0.179 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.02 min
Lab File: VL034562.D
Acq: 27 Jan 2020 15:38

Tgt Ion: 43 Resp: 24069
Ion Ratio Lower Upper
43 100
58 0.0 20.4 30.6#

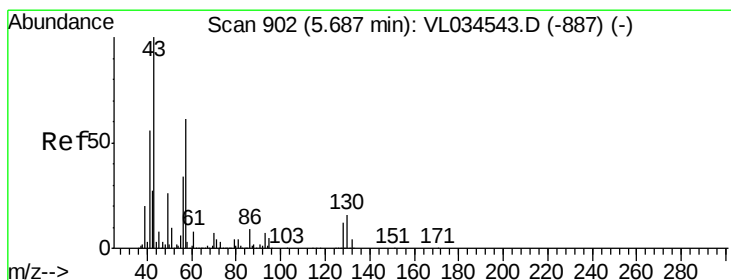
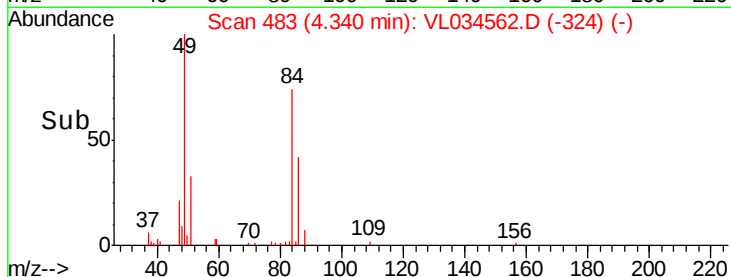
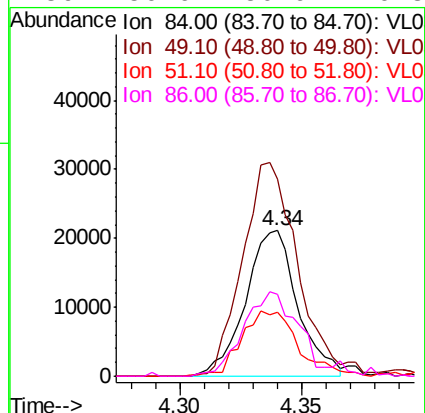
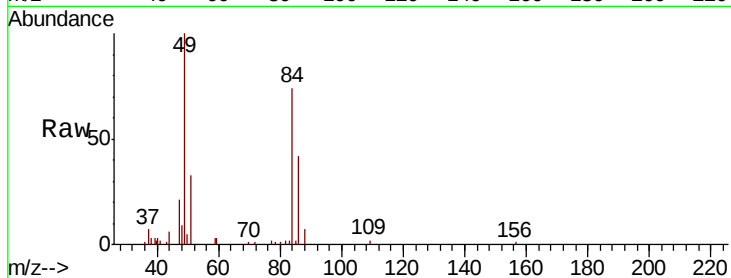




#20
Methvlene Chloride
Concen: 0.594 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.01 min
Lab File: VL034562.D
Acq: 27 Jan 2020 15:38

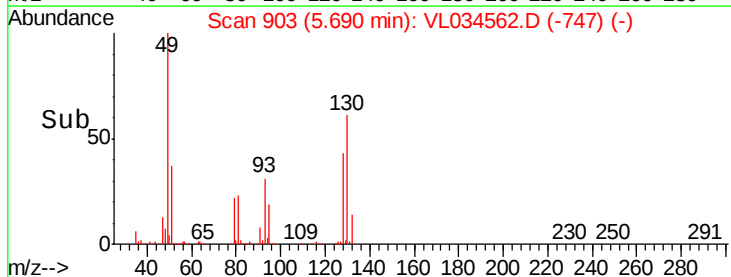
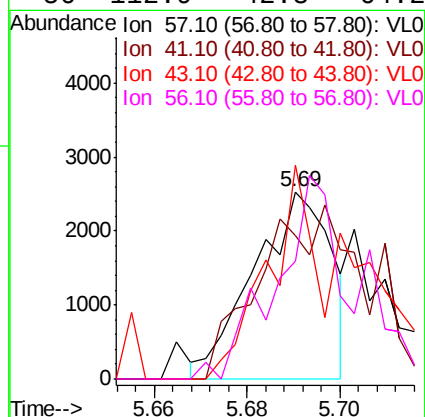
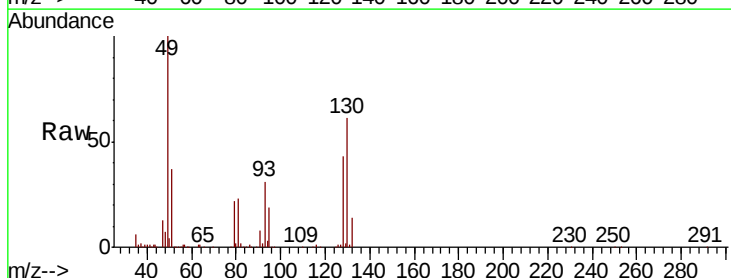
Instrument :
MSVOA_L
ClientSampleId :

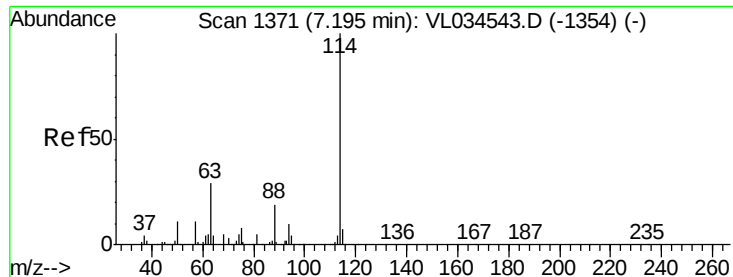
Tot Ion:	84	Resp:	31361
Ion	Ratio	Lower	Upper
84	100		
49	135.7	124.4	186.6
51	43.5	37.0	55.6
86	56.6	50.9	76.3



#26
Hexane
Concen: 0.033 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.00 min
Lab File: VL034562.D
Acq: 27 Jan 2020 15:38

Tgt Ion:	57	Resp:	2916
Ion	Ratio	Lower	Upper
57	100		
41	127.2	75.3	112.9#
43	133.8	189.4	284.2#
56	112.9	42.8	64.2#

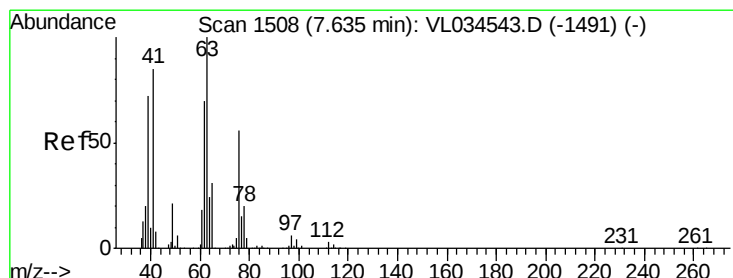
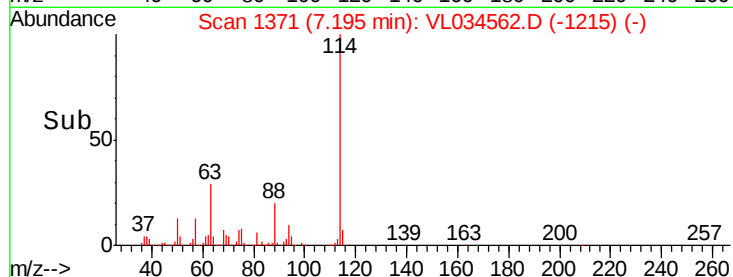
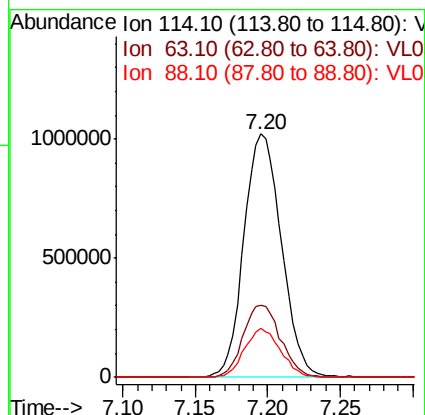
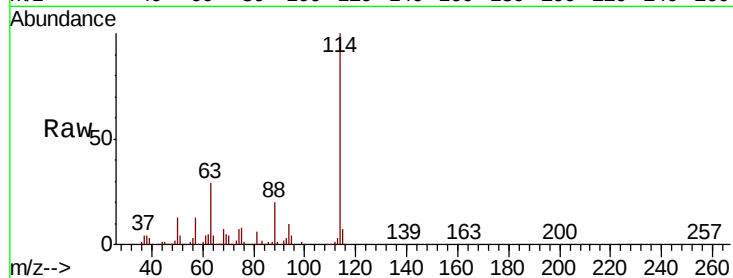




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: VL034562.D
 Acq: 27 Jan 2020 15:38

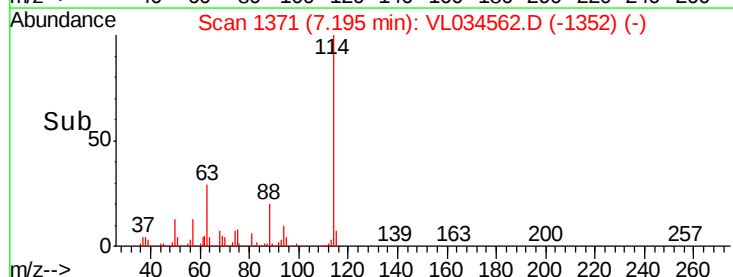
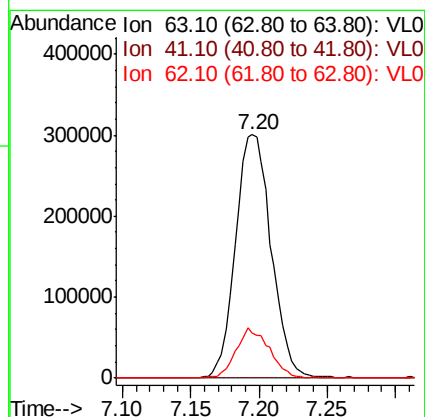
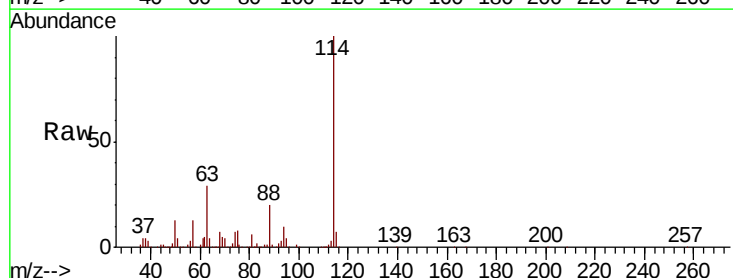
Instrument :
 MSVOA_L
 ClientSampleId :

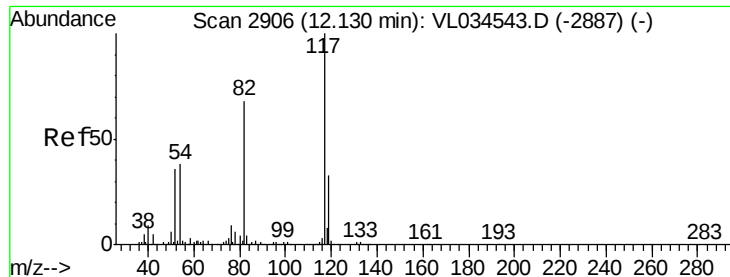
Tot Ion:114 Resp: 1842420
 Ion Ratio Lower Upper
 114 100
 63 29.8 24.1 36.1
 88 19.4 15.7 23.5



#39
 1,2-Dichloropropane
 Concen: 8.283 ppbv
 RT: 7.20 min Scan# 1371
 Delta R.T. -0.44 min
 Lab File: VL034562.D
 Acq: 27 Jan 2020 15:38

Tgt Ion: 63 Resp: 547044
 Ion Ratio Lower Upper
 63 100
 41 0.0 66.1 99.1#
 62 18.5 54.9 82.3#

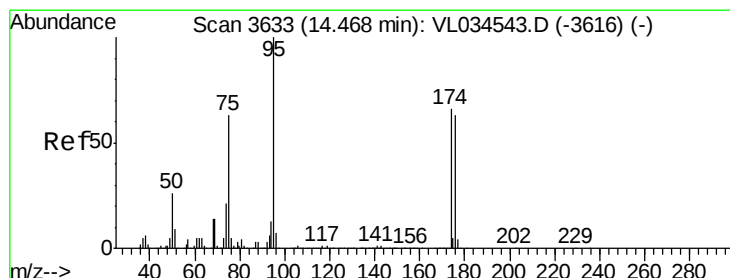
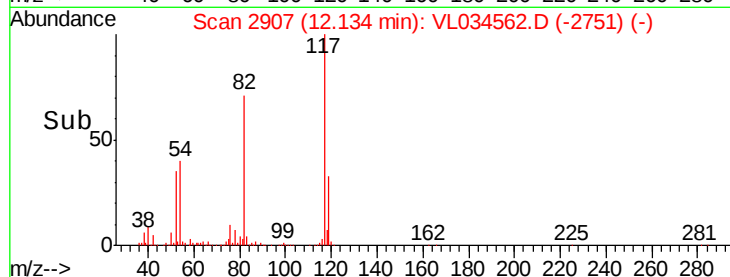
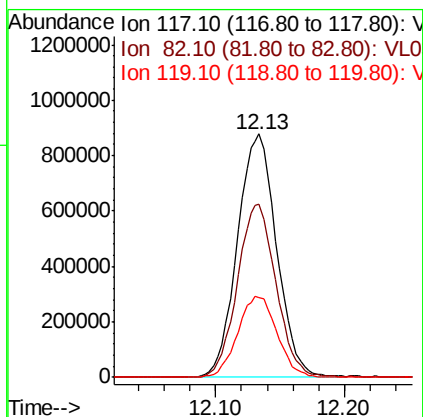
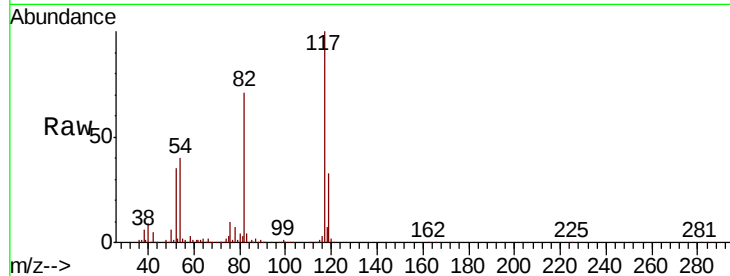




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.00 min
Lab File: VL034562.D
Acq: 27 Jan 2020 15:38

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:117 Resp: 1852318
Ion Ratio Lower Upper
117 100
82 70.5 56.2 84.4
119 33.5 27.1 40.7



#68
1-Bromo-4-Fluorobenzene
Concen: 9.961 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. 0.00 min
Lab File: VL034562.D
Acq: 27 Jan 2020 15:38

Tgt Ion: 95 Resp: 1539713
Ion Ratio Lower Upper
95 100
174 63.3 52.4 78.6
175 4.6 3.9 5.9

