

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122320\
 Data File : VL036200.D
 Acq On : 23 Dec 2020 20:10
 Operator : SY/AP
 Sample : L5196-02DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG1DL

Quant Time: Dec 24 05:26:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1370797	10.00	ppbv	-0.05
33) 1,4-Difluorobenzene	7.15	114	2783184	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2503299	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2098353	10.56	ppbv	-0.06
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.60%

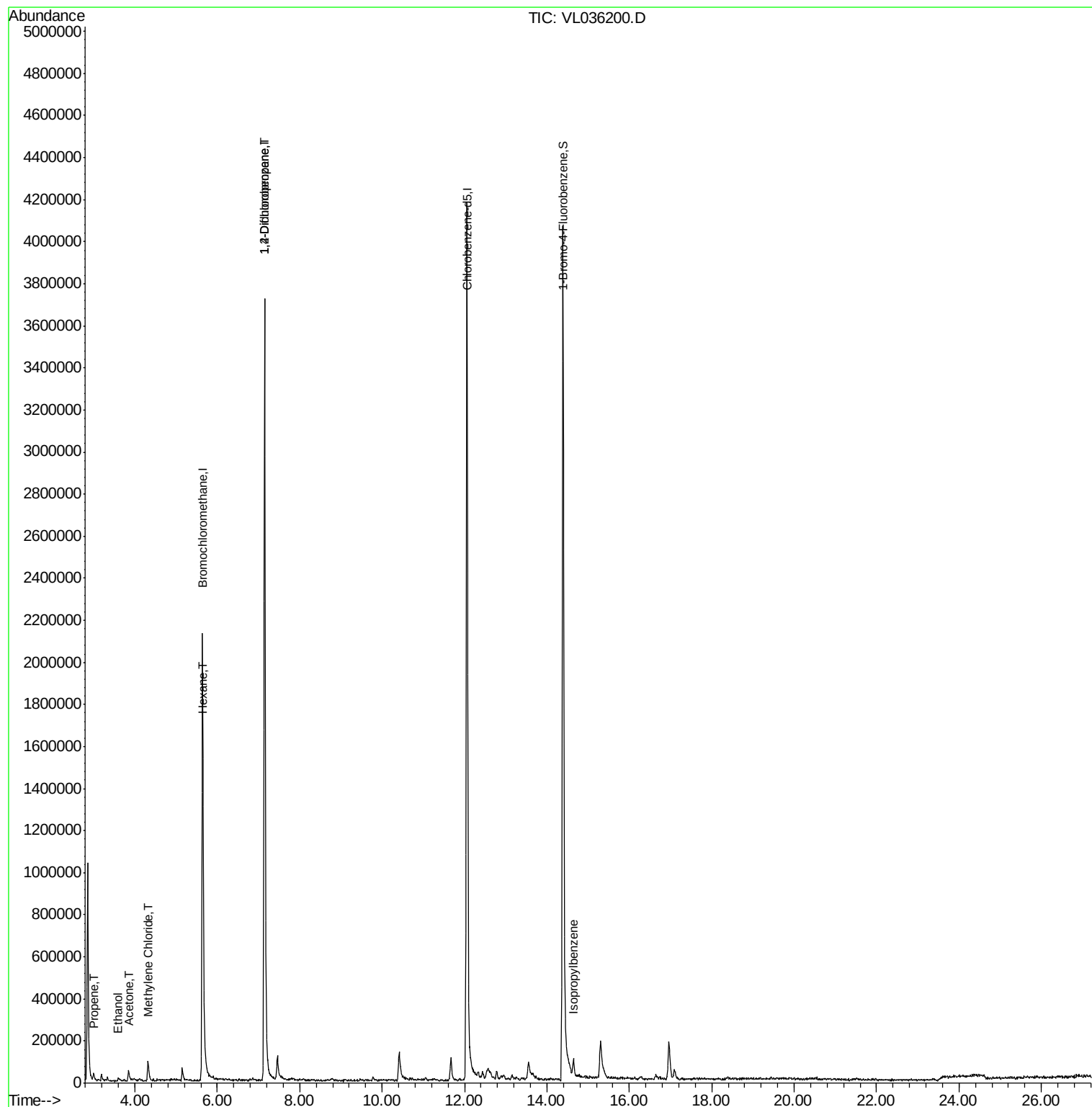
Target Compounds					Ovalue
9) Propene	3.00	41	8638	0.110 ppbv	93
13) Ethanol	3.59	45	11136	1.031 ppbv	61
15) Acetone	3.83	43	15396	0.093 ppbv #	49
20) Methylene Chloride	4.32	84	17821	0.264 ppbv #	91
26) Hexane	5.66	57	18265	0.123 ppbv #	35
39) 1,2-Dichloropropane	7.15	63	893906	9.597 ppbv #	25
62) Isopropylbenzene	14.64	105	62501	0.155 ppbv	99

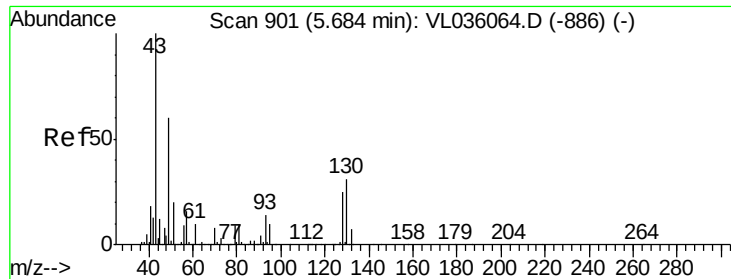
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.05 min

Lab File: VL036200.D

Acq: 23 Dec 2020 20:10

Instrument :

MSVOA_L

ClientSampleId :

SSSG1DL

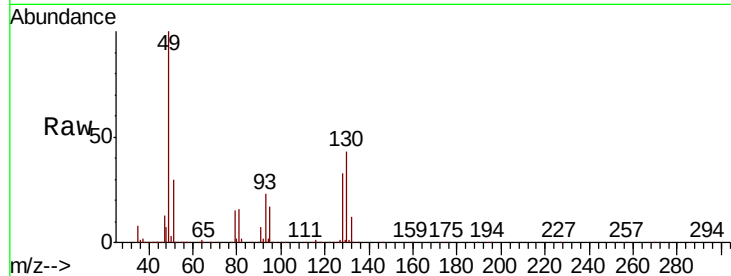
Tot Ion: 49 Resp: 1370797

Ion Ratio Lower Upper

49 100

128 36.6 21.1 63.1

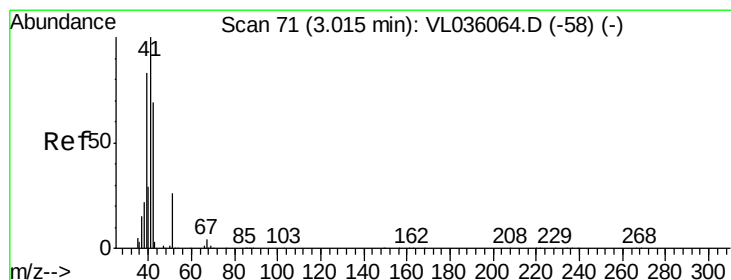
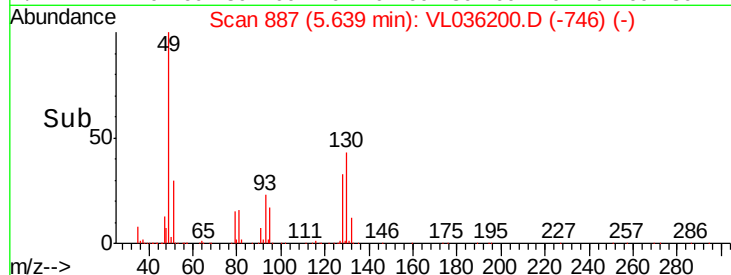
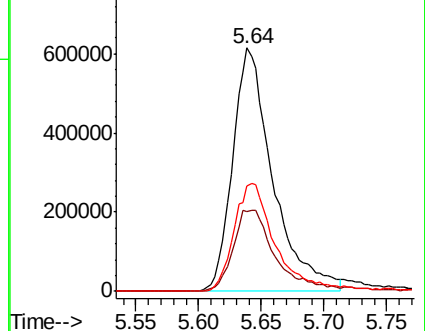
130 47.4 27.1 81.3



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: 0.110 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.02 min

Lab File: VL036200.D

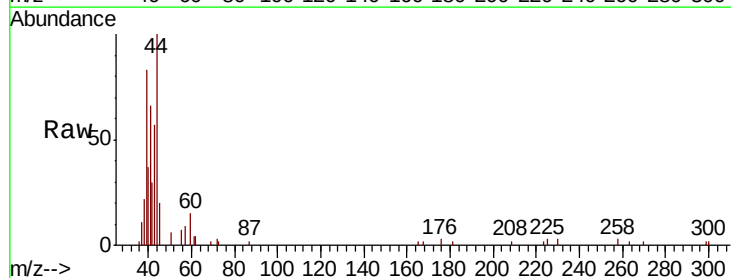
Acq: 23 Dec 2020 20:10

Tgt Ion: 41 Resp: 8638

Ion Ratio Lower Upper

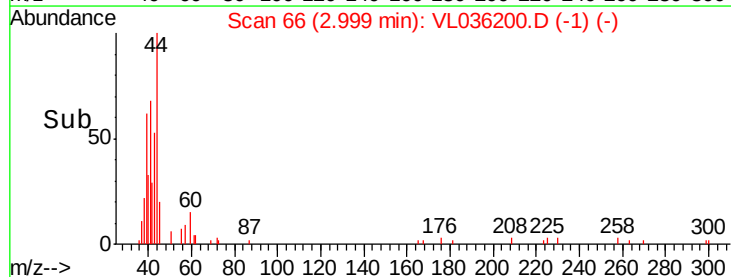
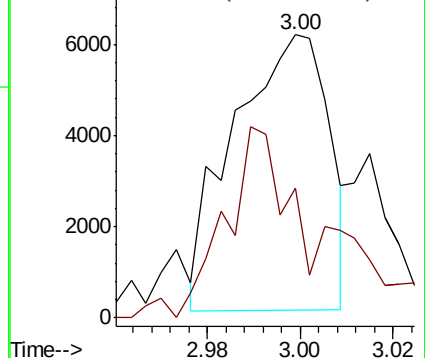
41 100

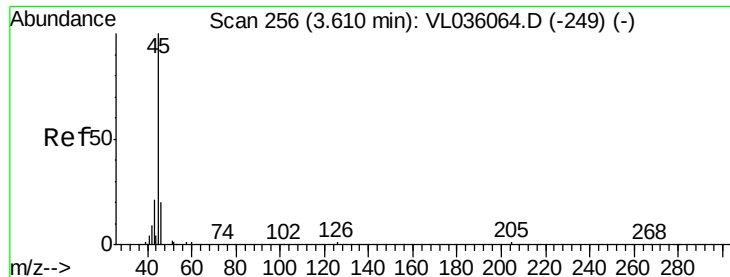
42 76.8 57.0 85.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

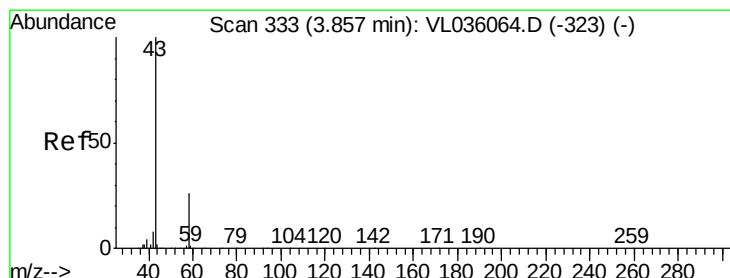
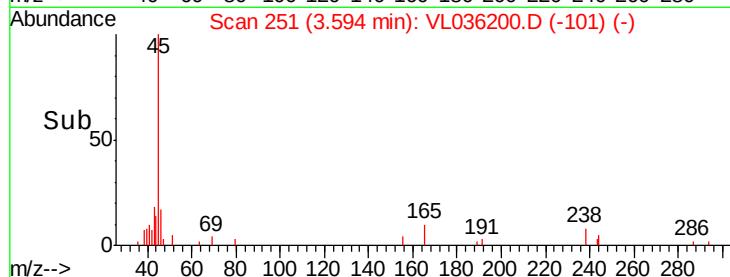
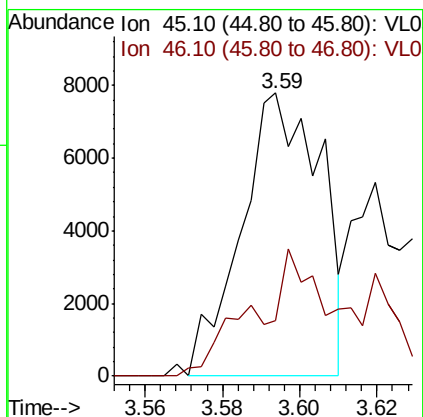
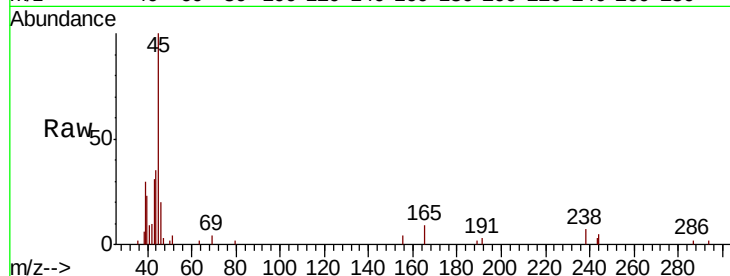




#13
Ethanol
Concen: 1.031 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.02 min
Lab File: VL036200.D
Acq: 23 Dec 2020 20:10

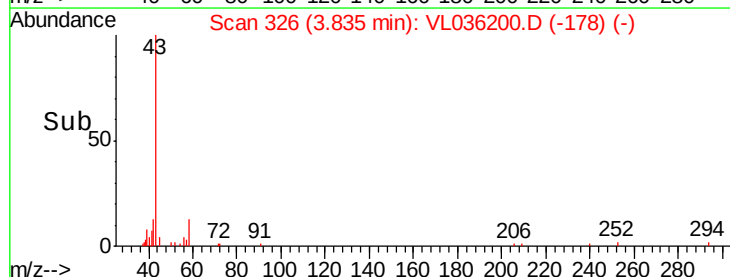
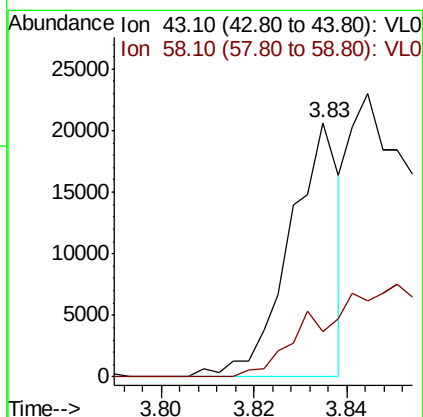
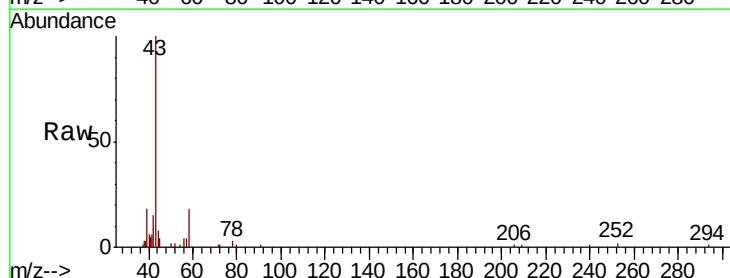
Instrument :
MSVOA_L
ClientSampleId :
SSSG1DL

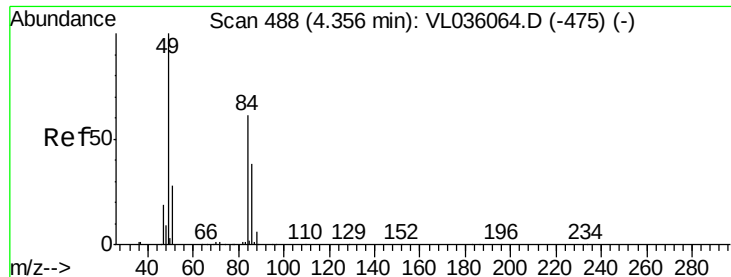
Tot Ion: 45 Resp: 11136
Ion Ratio Lower Upper
45 100
46 73.8 19.0 75.8



#15
Acetone
Concen: 0.093 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.02 min
Lab File: VL036200.D
Acq: 23 Dec 2020 20:10

Tgt Ion: 43 Resp: 15396
Ion Ratio Lower Upper
43 100
58 0.0 20.9 31.3#

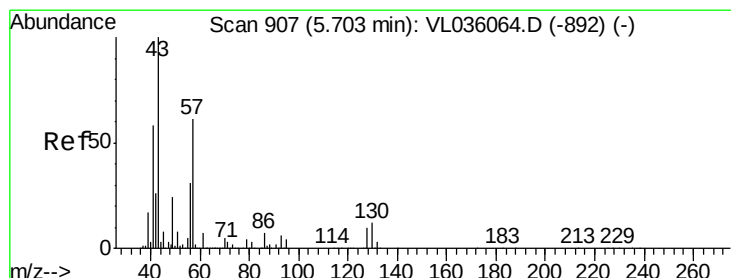
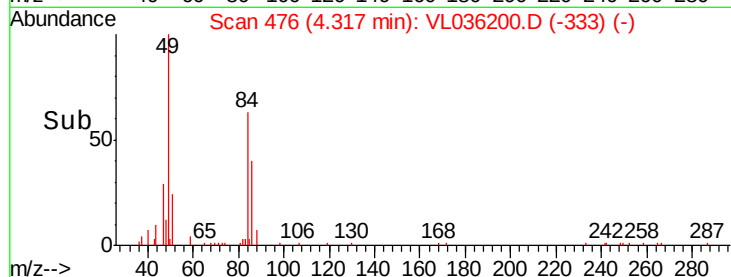
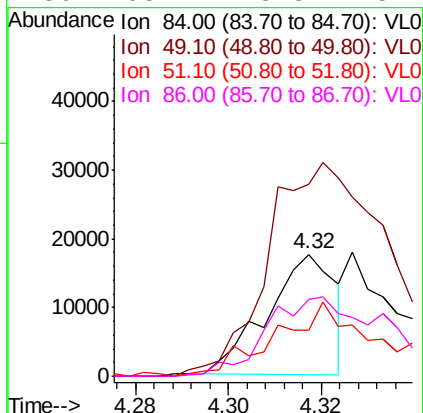
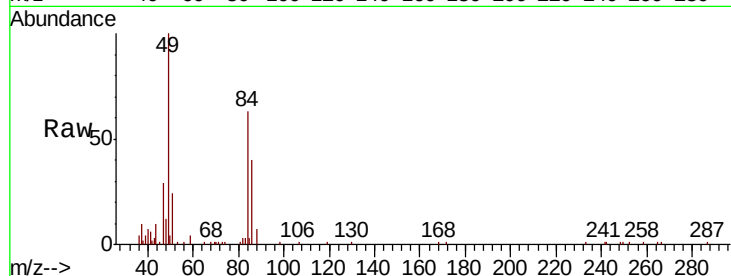




#20
Methylene Chloride
Concen: 0.264 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.04 min
Lab File: VL036200.D
Acq: 23 Dec 2020 20:10

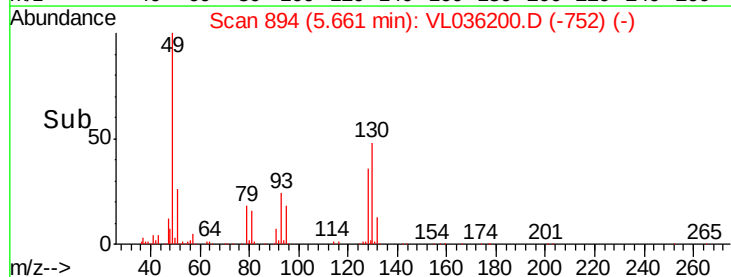
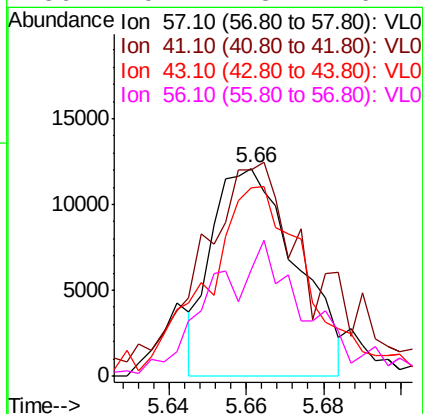
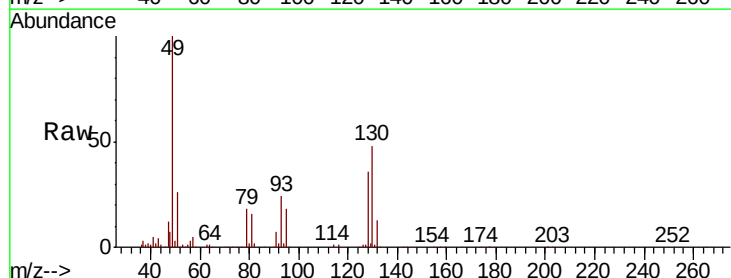
Instrument :
MSVOA_L
ClientSampled :
SSSG1DL

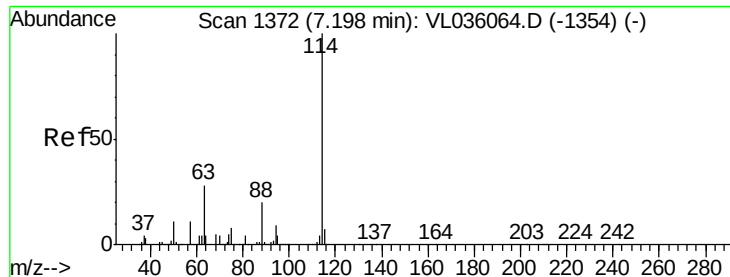
Tot Ion: 84 Resp: 17821
Ion Ratio Lower Upper
84 100
49 155.4 133.0 199.4
51 36.9 38.9 58.3#
86 63.4 48.8 73.2



#26
Hexane
Concen: 0.123 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.04 min
Lab File: VL036200.D
Acq: 23 Dec 2020 20:10

Tgt Ion: 57 Resp: 18265
Ion Ratio Lower Upper
57 100
41 152.5 82.9 124.3#
43 114.3 199.9 299.9#
56 79.1 43.1 64.7#

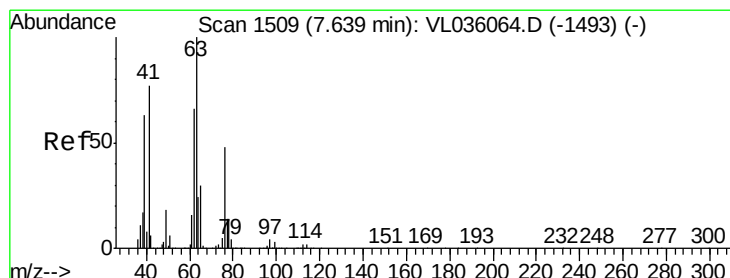
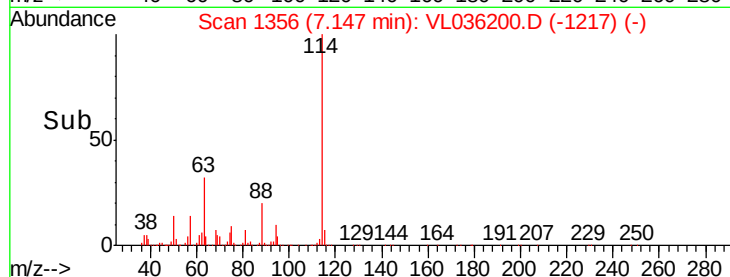
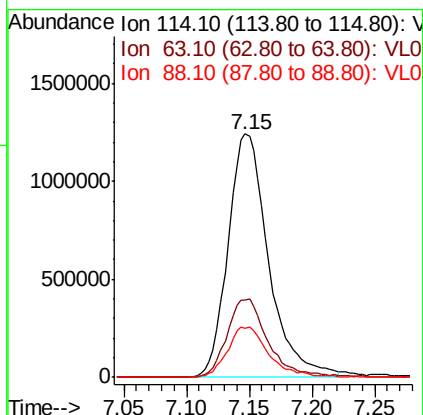
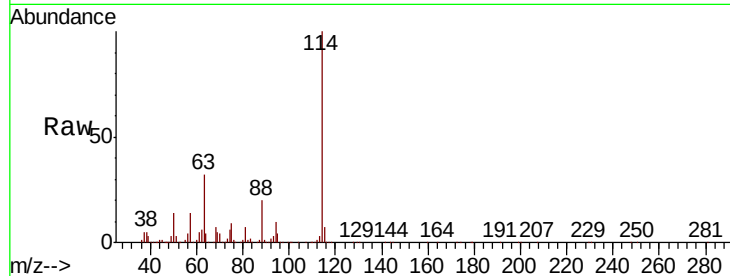




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.05 min
 Lab File: VL036200.D
 Acq: 23 Dec 2020 20:10

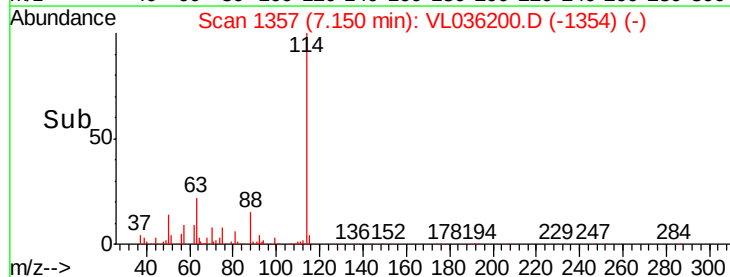
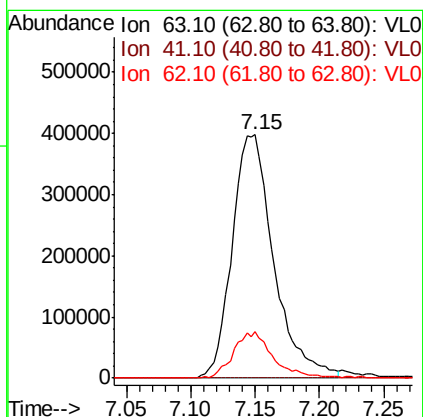
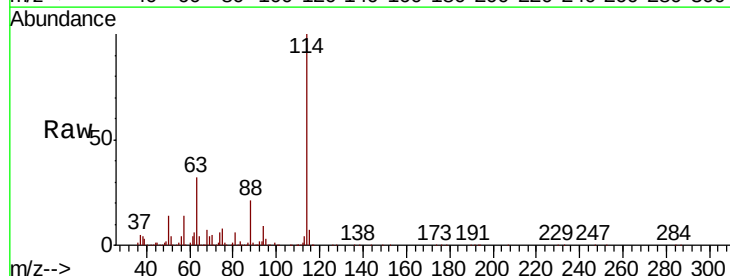
Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG1DL

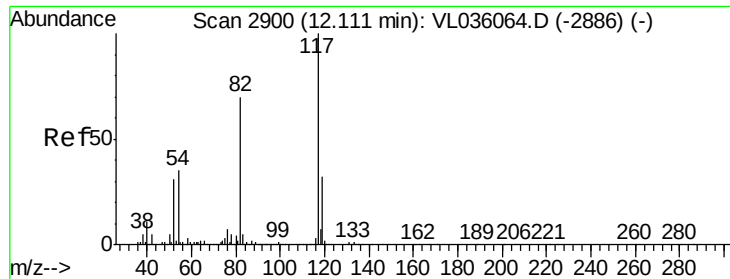
Tot Ion:114 Resp: 2783184
 Ion Ratio Lower Upper
 114 100
 63 32.7 23.6 35.4
 88 21.6 15.8 23.6



#39
 1,2-Dichloropropane
 Concen: 9.597 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.49 min
 Lab File: VL036200.D
 Acq: 23 Dec 2020 20:10

Tgt Ion: 63 Resp: 893906
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.9 92.9#
 62 18.9 52.5 78.7#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2883

Delta R.T. -0.05 min

Lab File: VL036200.D

Acq: 23 Dec 2020 20:10

Instrument :

MSVOA_L

ClientSampleId :

SSSG1DL

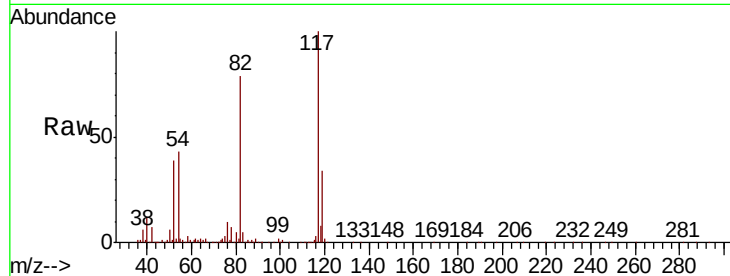
Tot Ion:117 Resp: 2503299

Ion Ratio Lower Upper

117 100

82 80.5 0.0 0.0#

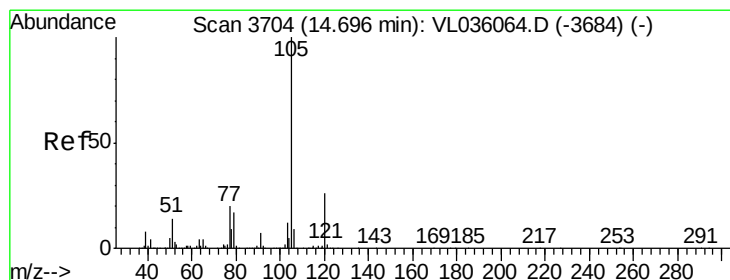
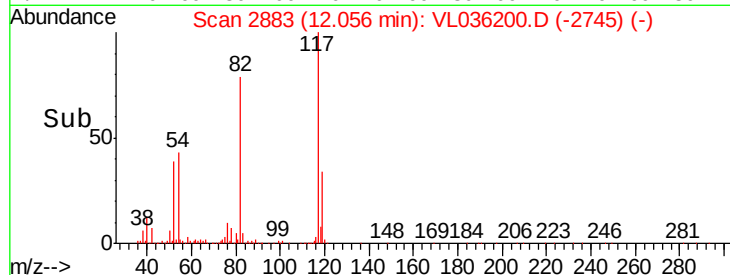
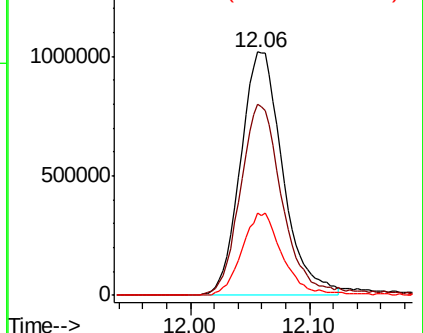
119 33.7 0.0 0.0#



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



#62

Isopropylbenzene

Concen: 0.155 ppbv

RT: 14.64 min Scan# 3688

Delta R.T. -0.05 min

Lab File: VL036200.D

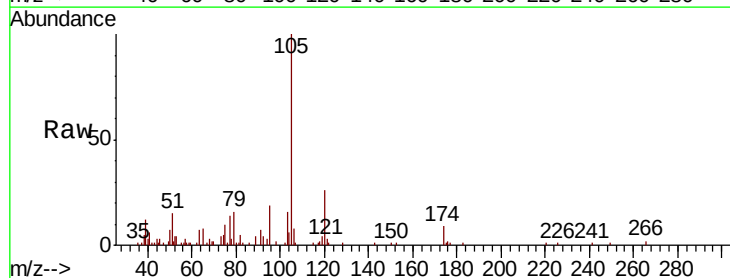
Acq: 23 Dec 2020 20:10

Tgt Ion:105 Resp: 62501

Ion Ratio Lower Upper

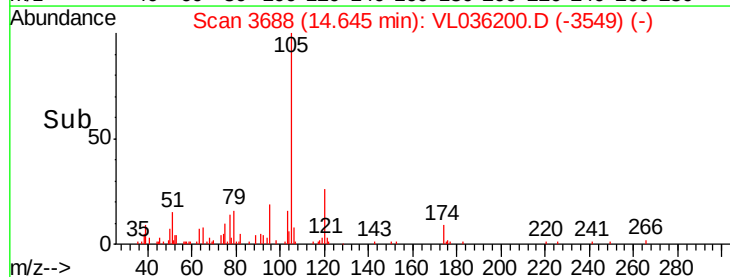
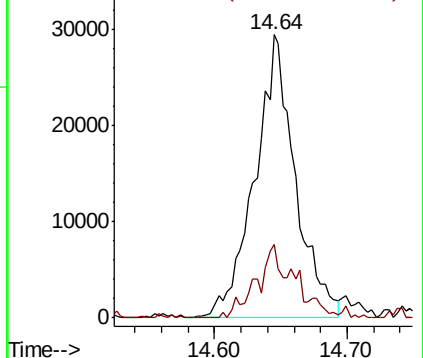
105 100

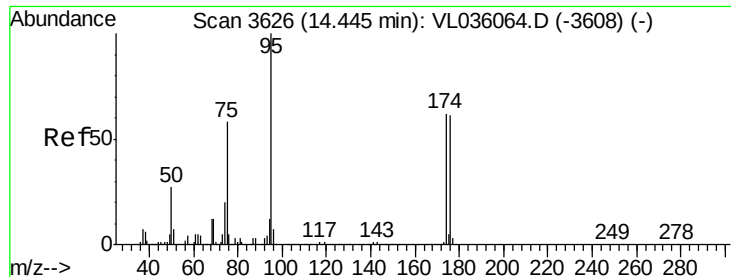
120 24.8 20.1 30.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.557 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T. -0.06 min
 Lab File: VL036200.D
 Acq: 23 Dec 2020 20:10

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG1DL

Tot Ion: 95 Resp: 2098353
 Ion Ratio Lower Upper
 95 100
 174 57.7 50.7 76.1
 175 4.2 4.0 6.0

