

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091020\
 Data File : VL035591.D
 Acq On : 10 Sep 2020 20:01
 Operator : SY/AP
 Sample : CAN 10334
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10334

Quant Time: Sep 11 08:14:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1017155	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4086418	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4111265	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3111557	10.66	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.60%

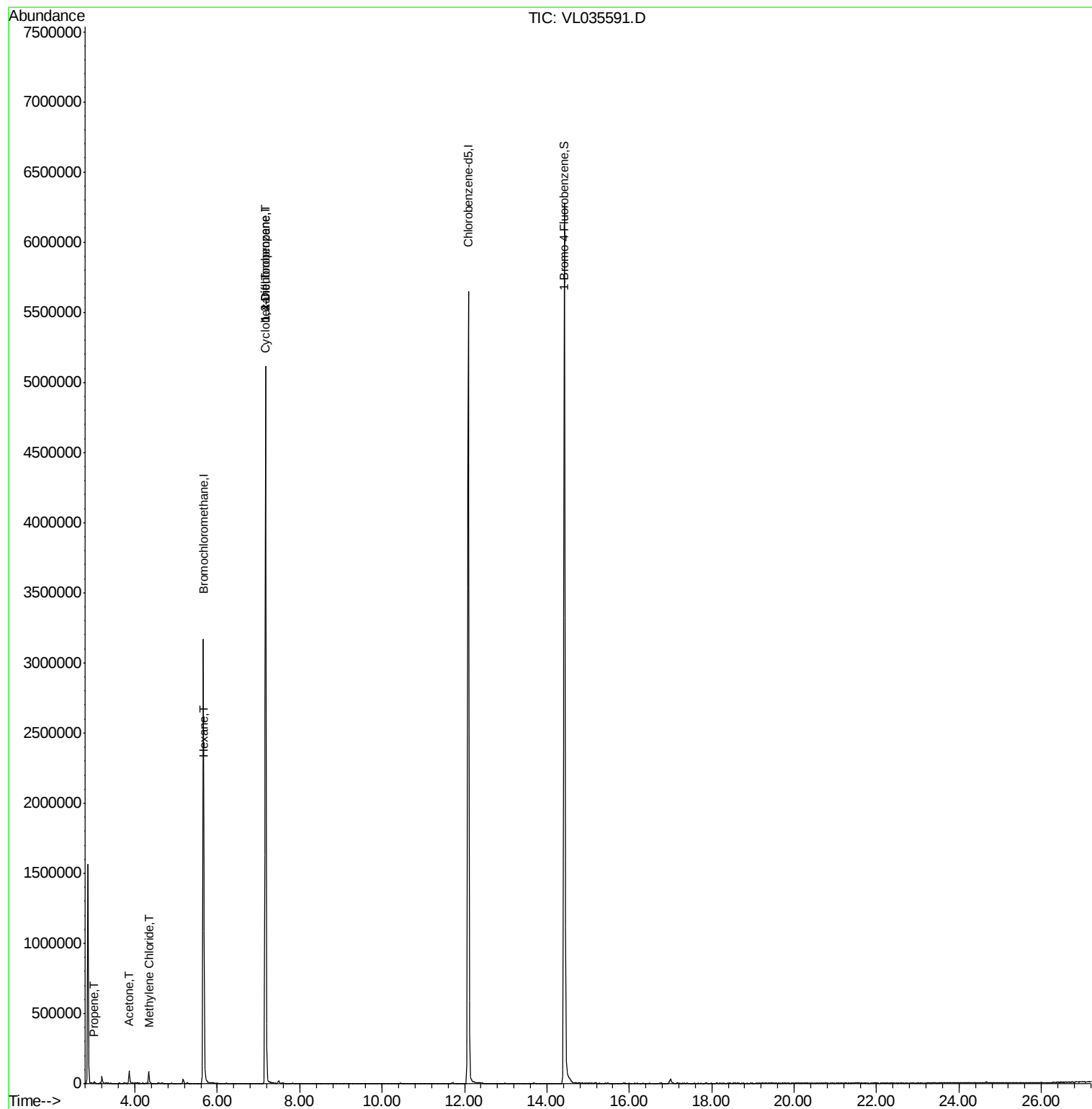
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	3755	0.087	ppbv	90
15) Acetone	3.86	43	81768	0.729	ppbv #	82
20) Methylene Chloride	4.33	84	38912	0.466	ppbv	97
26) Hexane	5.68	57	8372	0.075	ppbv #	46
30) Cyclohexane	7.16	84	5958	0.050	ppbv #	9
39) 1,2-Dichloropropane	7.17	63	773029	8.651	ppbv #	33

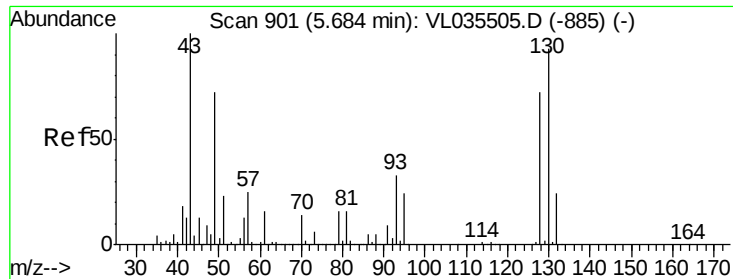
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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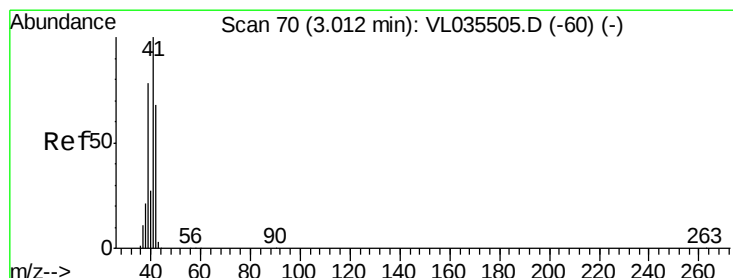
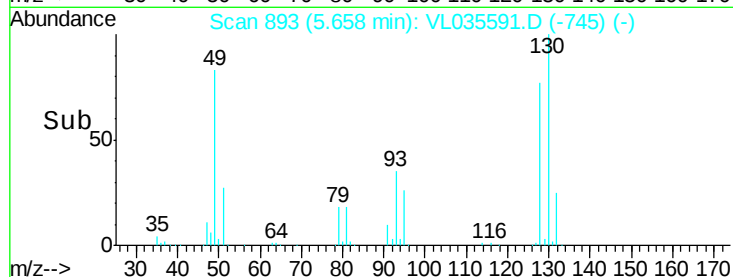
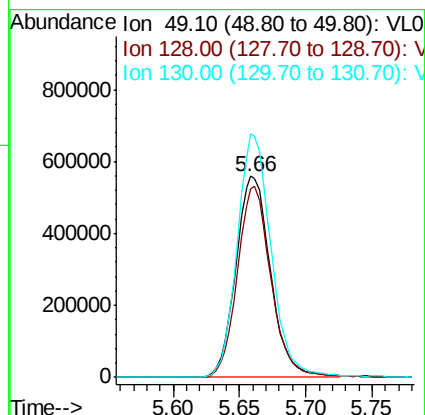
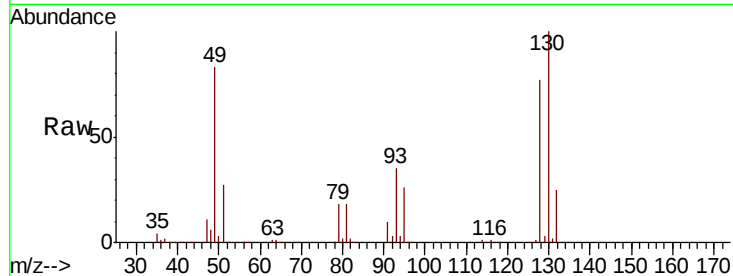




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035591.D
Acq: 10 Sep 2020 20:01

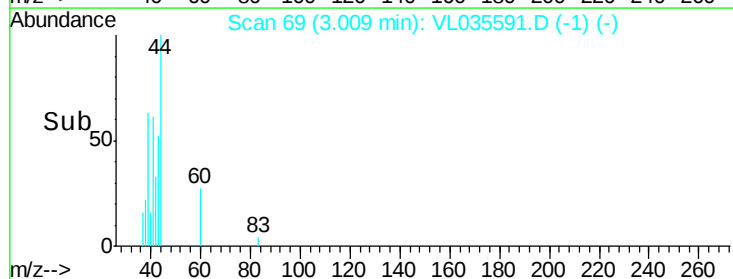
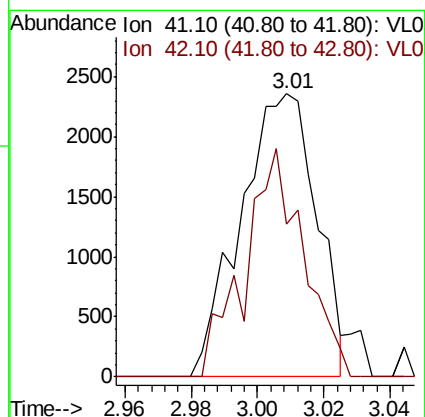
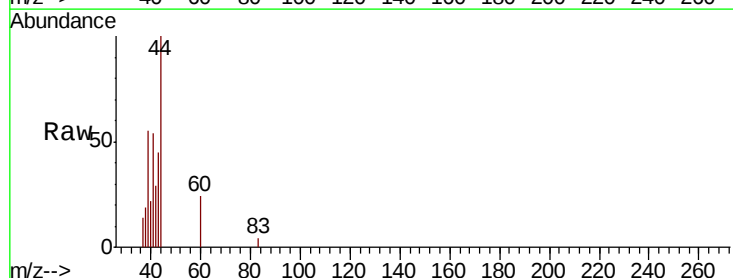
Instrument :
MSVOA_L
ClientSampleId :
CAN 10334

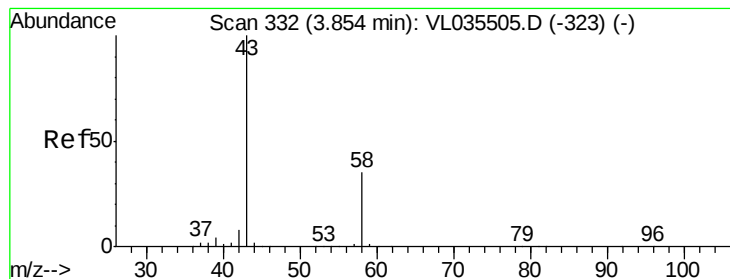
Tot Ion: 49 Resp: 1017155
Ion Ratio Lower Upper
49 100
128 93.0 50.0 150.1
130 119.2 64.4 193.2



#9
Propene
Concen: 0.087 ppbv
RT: 3.01 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL035591.D
Acq: 10 Sep 2020 20:01

Tgt Ion: 41 Resp: 3755
Ion Ratio Lower Upper
41 100
42 62.1 56.3 84.5





#15

Acetone

Concen: 0.729 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.00 min

Lab File: VL035591.D

Acq: 10 Sep 2020 20:01

Instrument :

MSVOA_L

ClientSampleId :

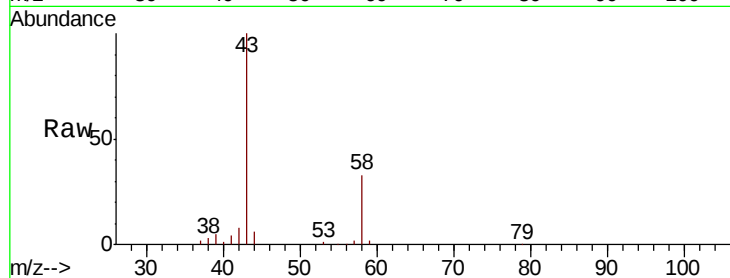
CAN 10334

Tot Ion: 43 Resp: 81768

Ion Ratio Lower Upper

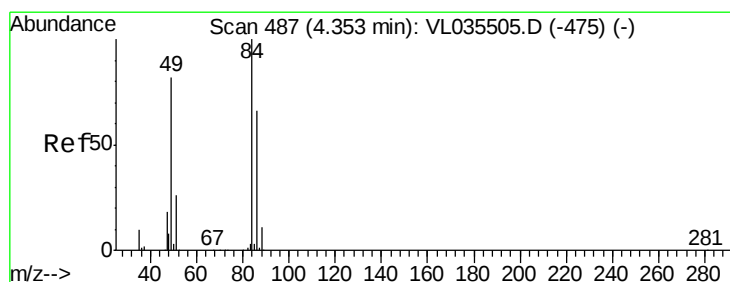
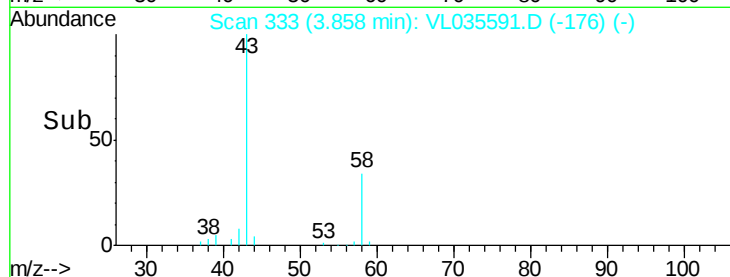
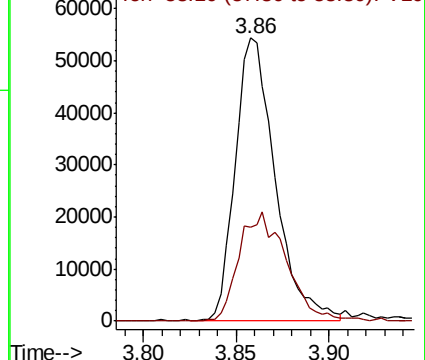
43 100

58 46.0 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.466 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.02 min

Lab File: VL035591.D

Acq: 10 Sep 2020 20:01

Tgt Ion: 84 Resp: 38912

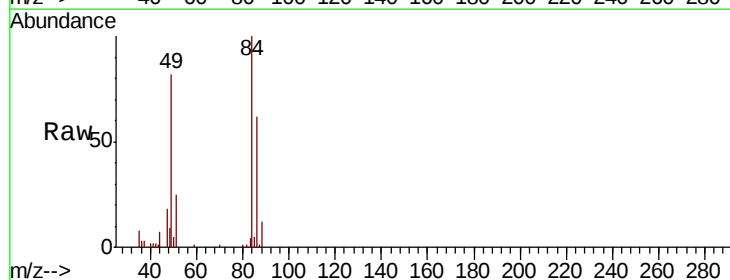
Ion Ratio Lower Upper

84 100

49 82.3 65.4 98.0

51 25.0 21.5 32.3

86 62.2 52.9 79.3

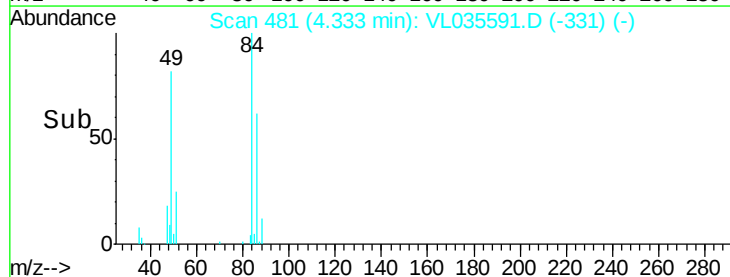
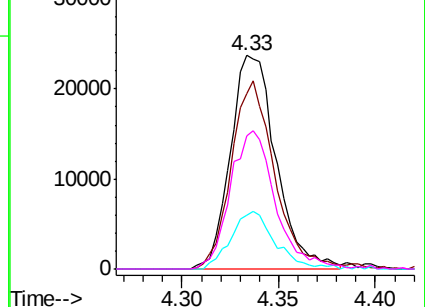


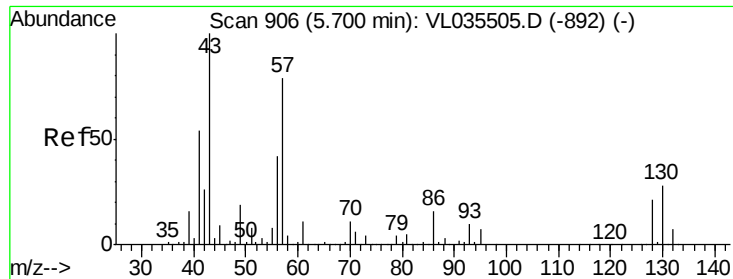
Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 0.075 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.02 min

Lab File: VL035591.D

Acq: 10 Sep 2020 20:01

Instrument :

MSVOA_L

ClientSampleId :

CAN 10334

Tot Ion: 57 Resp: 8372

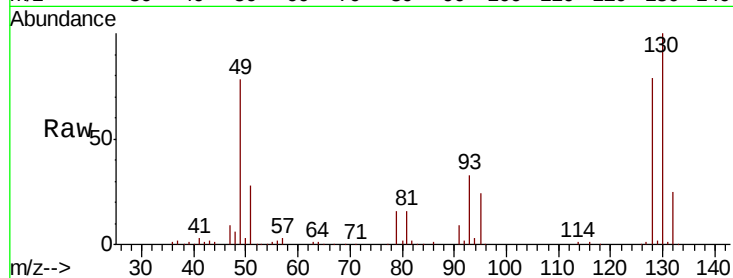
Ion Ratio Lower Upper

57 100

41 92.9 55.9 83.9#

43 73.8 141.8 212.8#

56 66.6 41.8 62.8#

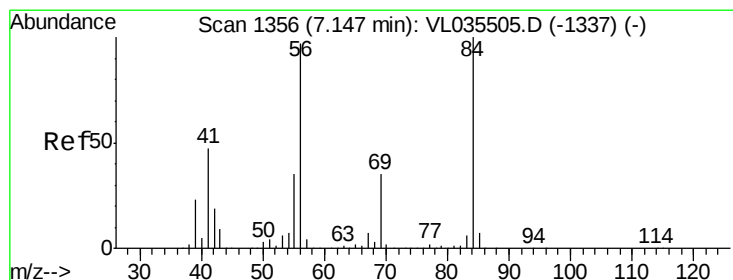
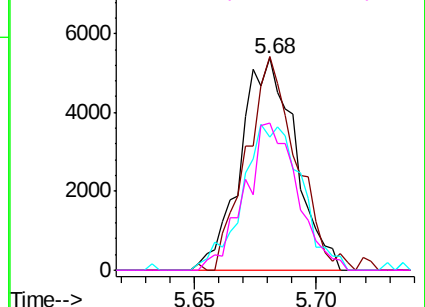
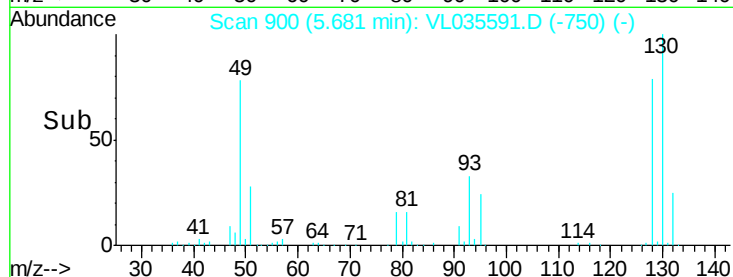


Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 0.050 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. 0.01 min

Lab File: VL035591.D

Acq: 10 Sep 2020 20:01

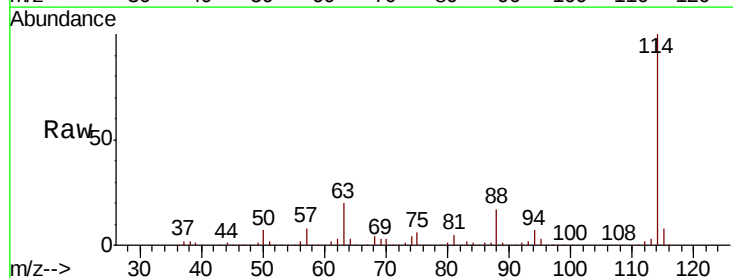
Tgt Ion: 84 Resp: 5958

Ion Ratio Lower Upper

84 100

56 0.0 80.1 120.1#

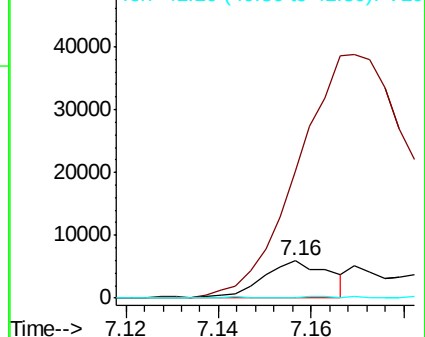
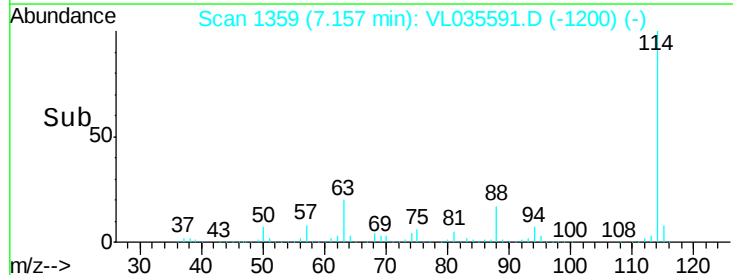
41 0.0 38.1 57.1#

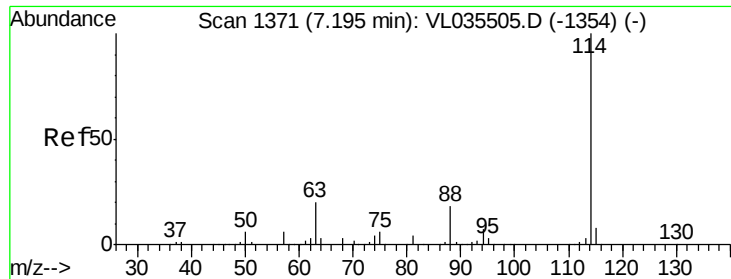


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

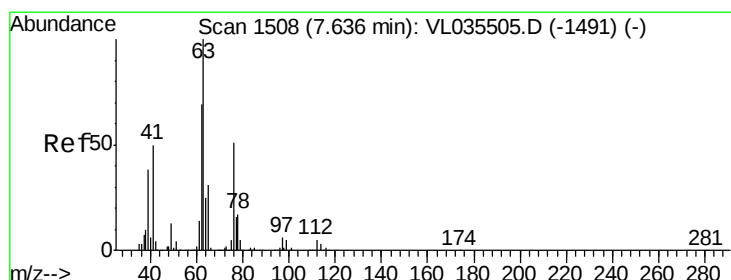
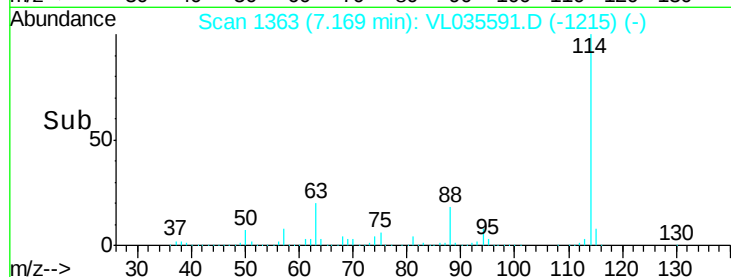
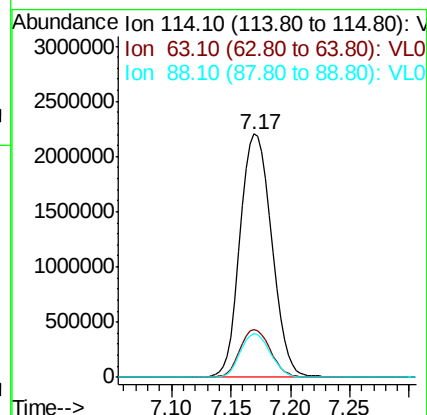
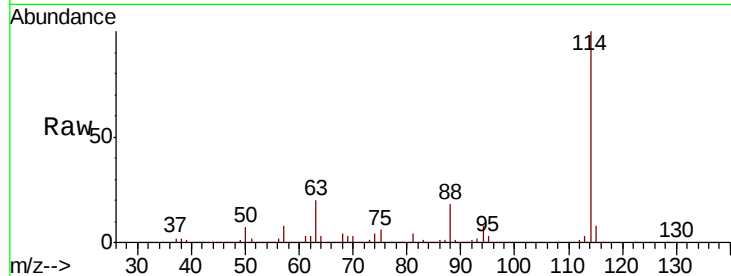




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.03 min
 Lab File: VL035591.D
 Acq: 10 Sep 2020 20:01

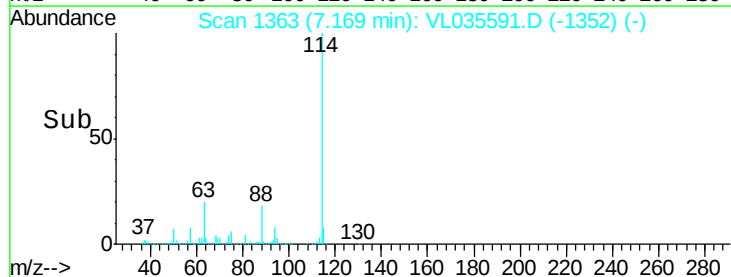
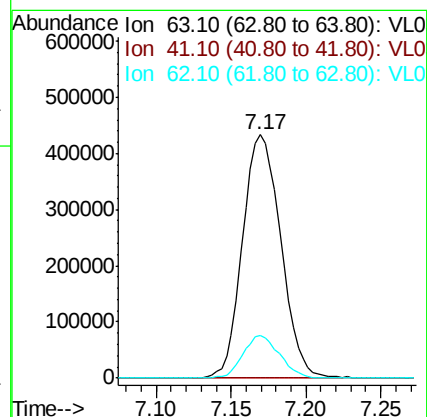
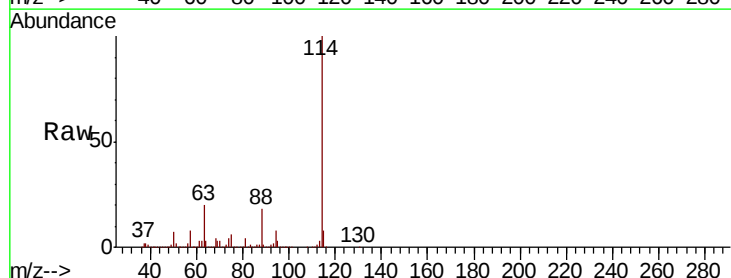
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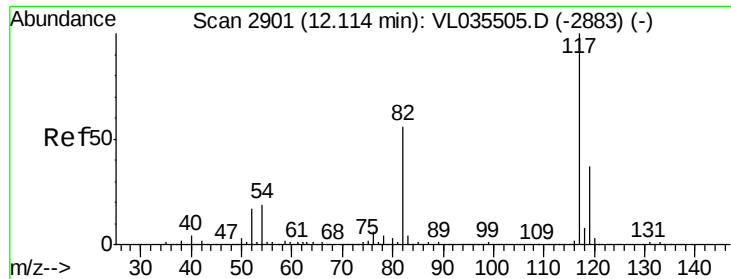
Tot Ion:114 Resp: 4086418
 Ion Ratio Lower Upper
 114 100
 63 19.0 14.7 22.1
 88 17.2 13.4 20.2



#39
 1,2-Dichloropropane
 Concen: 8.651 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.47 min
 Lab File: VL035591.D
 Acq: 10 Sep 2020 20:01

Tgt Ion: 63 Resp: 773029
 Ion Ratio Lower Upper
 63 100
 41 0.1 40.0 60.0#
 62 17.3 55.4 83.0#

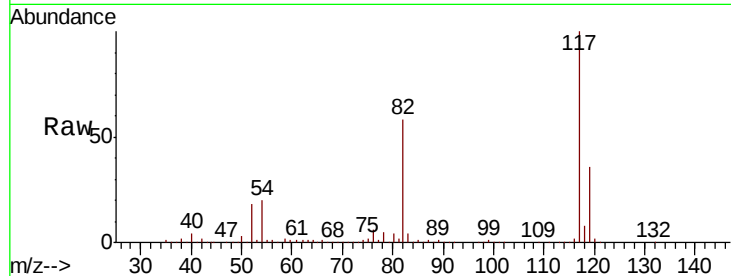




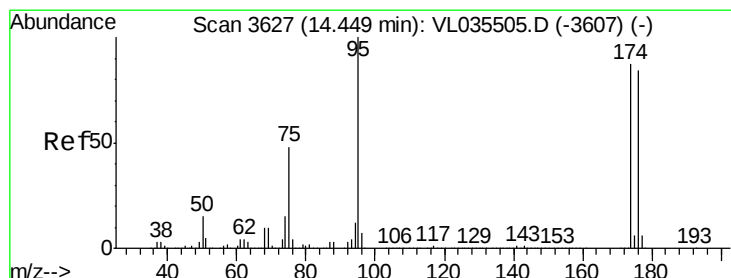
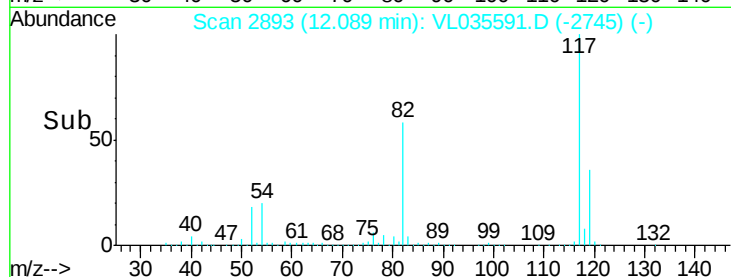
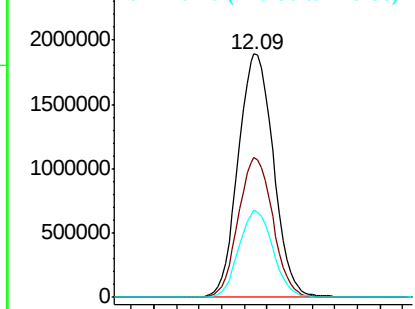
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035591.D
Acq: 10 Sep 2020 20:01

Instrument :
MSVOA_L
ClientSampleId :
CAN 10334

Tot Ion:117 Resp: 4111265
Ion Ratio Lower Upper
117 100
82 56.6 41.6 62.4
119 34.6 29.3 43.9

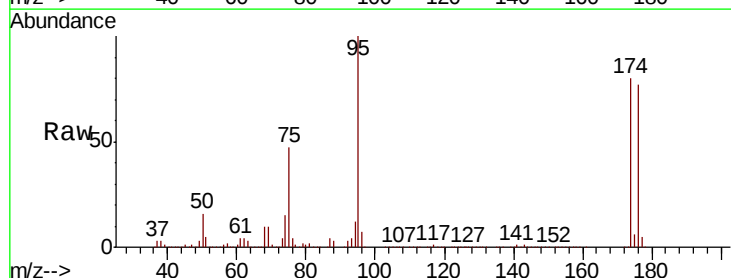


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.657 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.03 min
Lab File: VL035591.D
Acq: 10 Sep 2020 20:01

Tgt Ion: 95 Resp: 3111557
Ion Ratio Lower Upper
95 100
174 81.3 69.6 104.4
175 5.9 5.1 7.7



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

