

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091020\
 Data File : VL035582.D
 Acq On : 10 Sep 2020 13:48
 Operator : SY/AP
 Sample : VL0910ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0910ABL01

Quant Time: Sep 11 08:11:56 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	1133061	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4682799	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4781799	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3514456	10.35	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

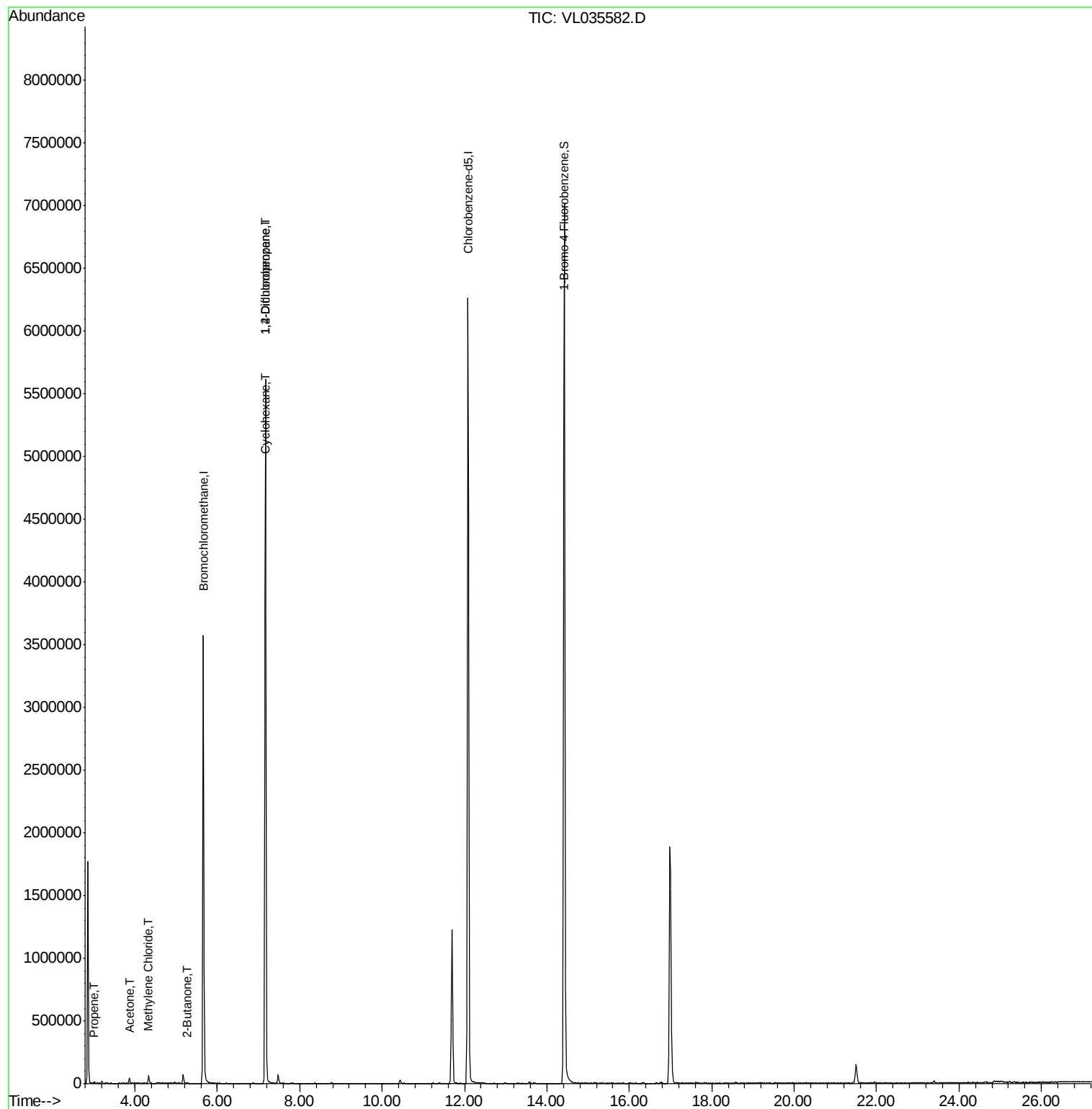
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	3034	0.063	ppbv	86
15) Acetone	3.86	43	31990	0.256	ppbv #	37
20) Methylene Chloride	4.33	84	25341	0.272	ppbv	94
30) Cyclohexane	7.15	84	4844	0.036	ppbv #	9
34) 2-Butanone	5.26	43	7070	0.051	ppbv	99
39) 1,2-Dichloropropane	7.17	63	873124	8.527	ppbv #	32

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

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Quant Time: Sep 11 08:11:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
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Response via : Initial Calibration

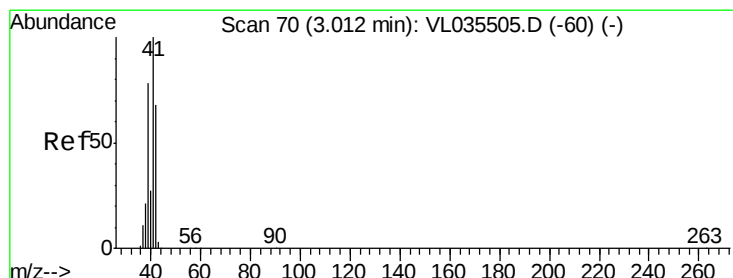
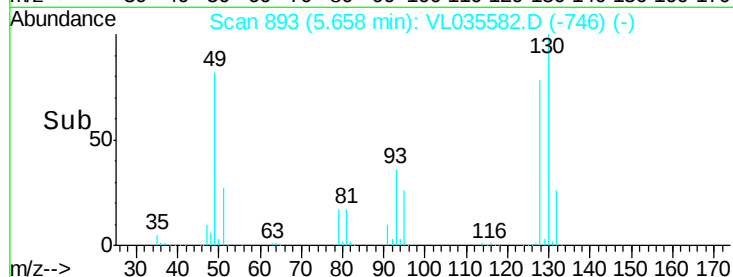
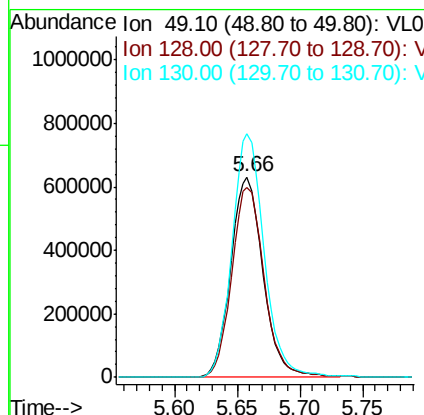
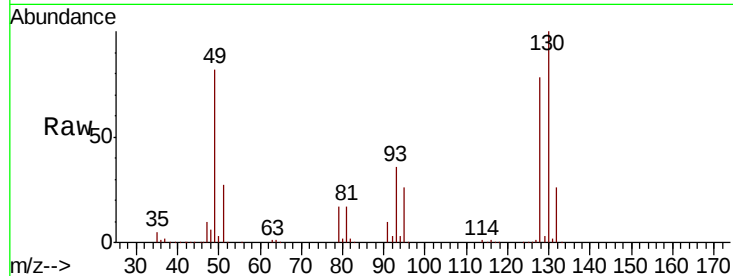




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035582.D
Acq: 10 Sep 2020 13:48

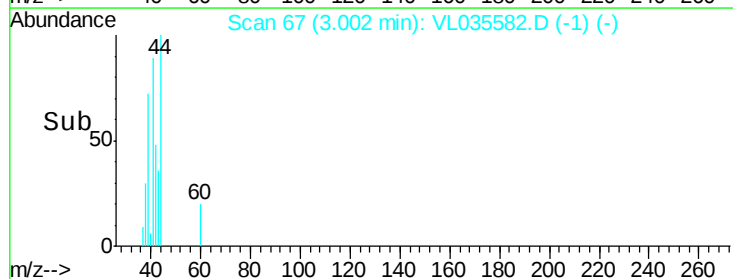
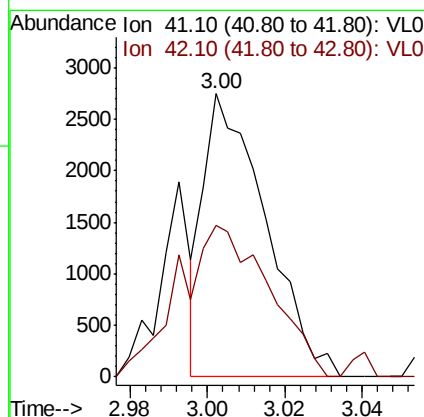
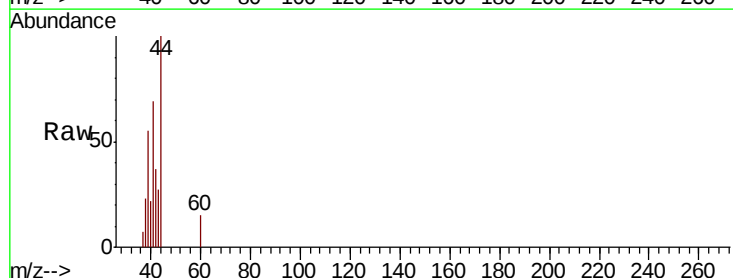
Instrument :
MSVOA_L
ClientSampleId :
VL0910ABL01

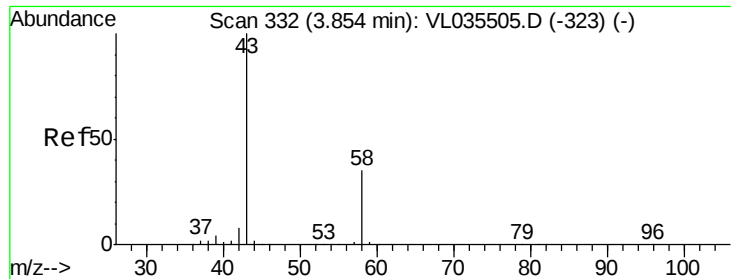
Tot Ion: 49 Resp: 1133061
Ion Ratio Lower Upper
49 100
128 96.0 50.0 150.1
130 121.7 64.4 193.2



#9
Propene
Concen: 0.063 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.01 min
Lab File: VL035582.D
Acq: 10 Sep 2020 13:48

Tgt Ion: 41 Resp: 3034
Ion Ratio Lower Upper
41 100
42 81.7 56.3 84.5





#15

Acetone

Concen: 0.256 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL035582.D

Acq: 10 Sep 2020 13:48

Instrument :

MSVOA_L

ClientSampleId :

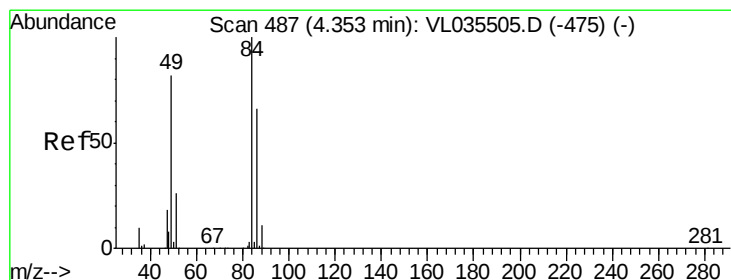
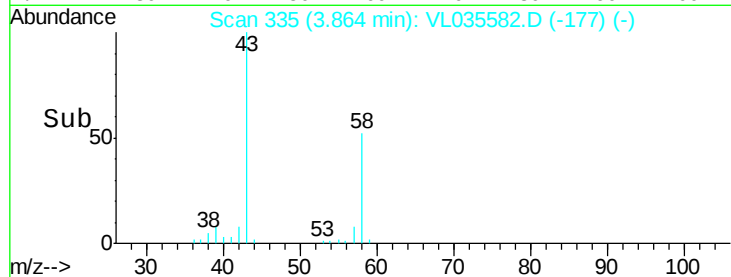
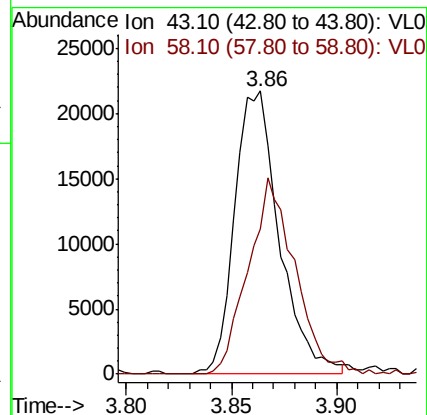
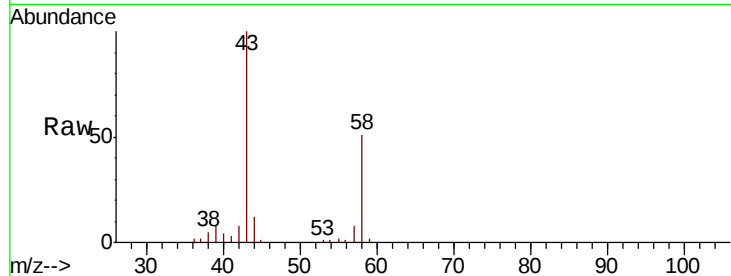
VL0910ABL01

Tot Ion: 43 Resp: 31990

Ion Ratio Lower Upper

43 100

58 72.4 28.4 42.6#



#20

Methylene Chloride

Concen: 0.272 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.02 min

Lab File: VL035582.D

Acq: 10 Sep 2020 13:48

Tgt Ion: 84 Resp: 25341

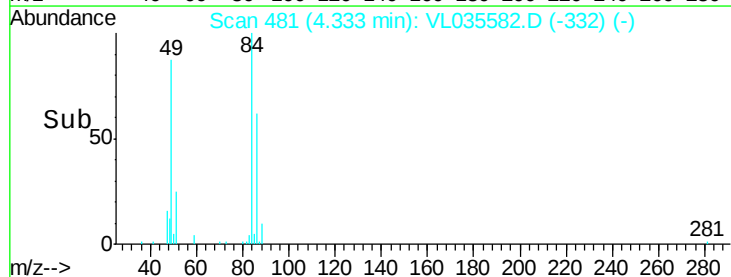
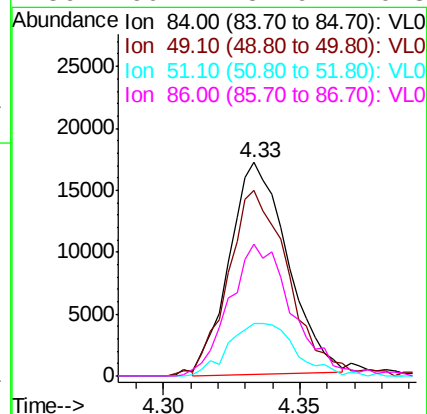
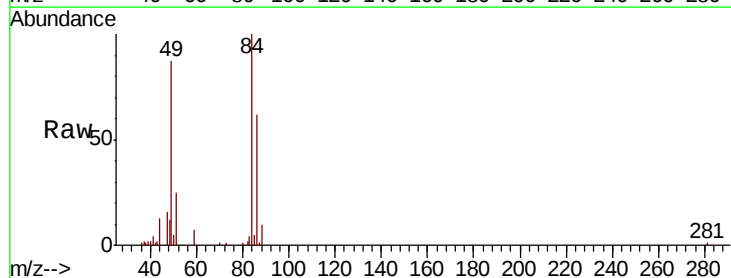
Ion Ratio Lower Upper

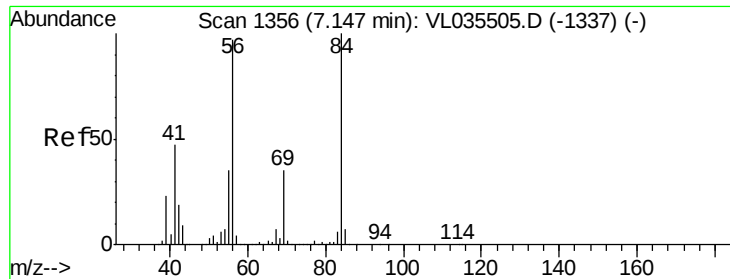
84 100

49 86.2 65.4 98.0

51 24.2 21.5 32.3

86 60.1 52.9 79.3

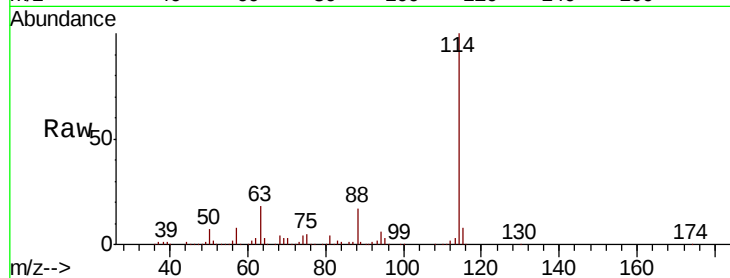




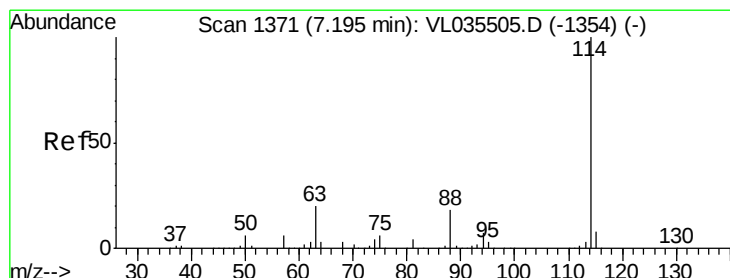
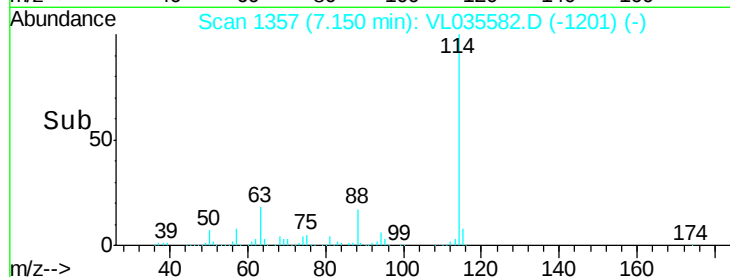
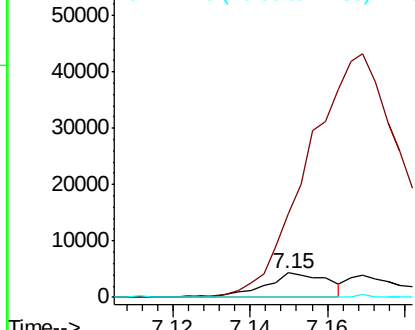
#30
Cvclohexane
Concen: 0.036 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.00 min
Lab File: VL035582.D
Acq: 10 Sep 2020 13:48

Instrument :
MSVOA_L
ClientSampleId :
VL0910ABL01

Tot Ion: 84 Resp: 4844
Ion Ratio Lower Upper
84 100
56 0.0 80.1 120.1#
41 0.0 38.1 57.1#

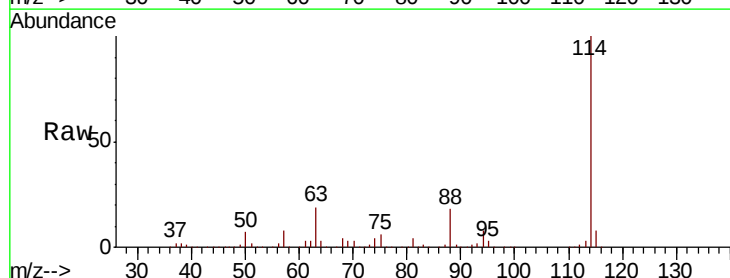


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

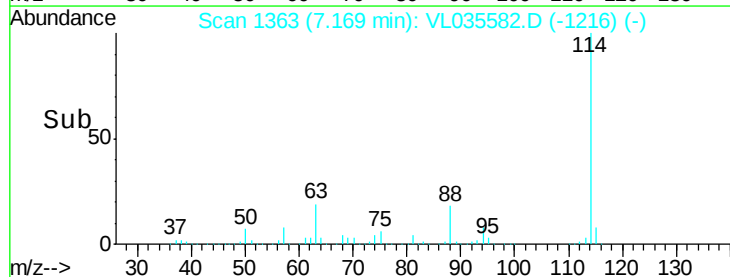
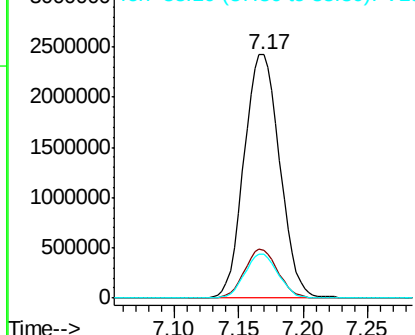


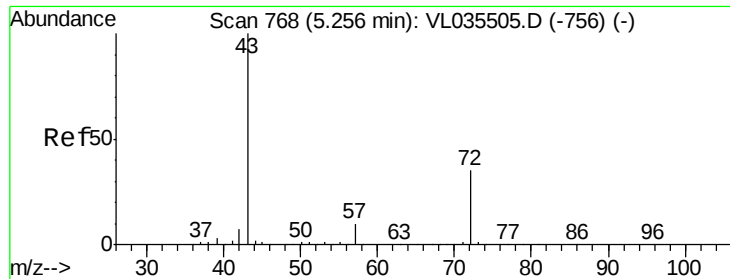
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL035582.D
Acq: 10 Sep 2020 13:48

Tgt Ion: 114 Resp: 4682799
Ion Ratio Lower Upper
114 100
63 18.7 14.7 22.1
88 17.2 13.4 20.2



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

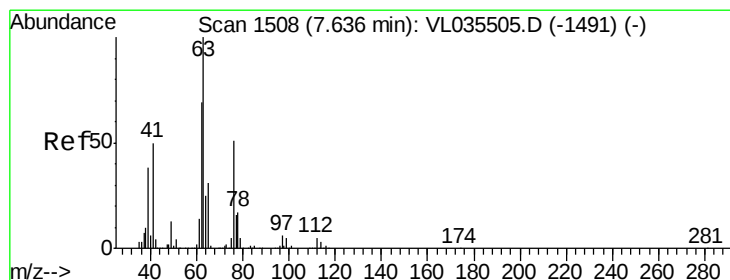
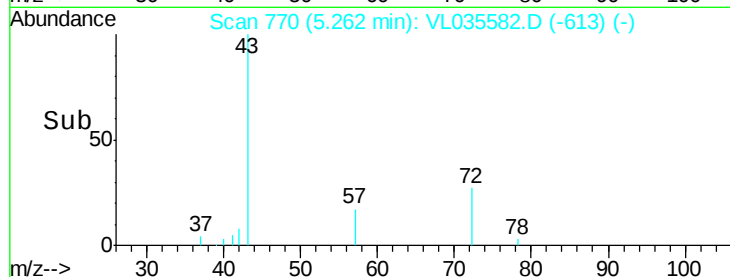
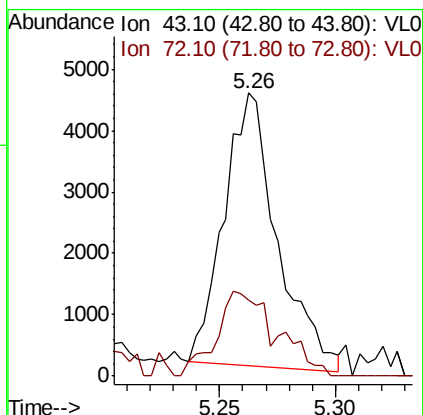
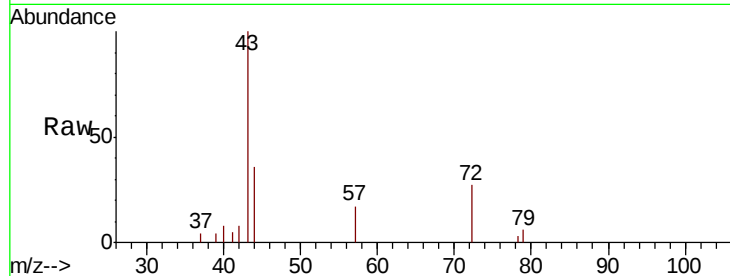




#34
2-Butanone
Concen: 0.051 ppbv
RT: 5.26 min Scan# 770
Delta R.T. 0.01 min
Lab File: VL035582.D
Acq: 10 Sep 2020 13:48

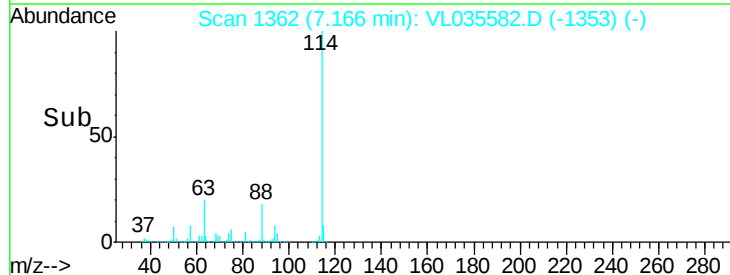
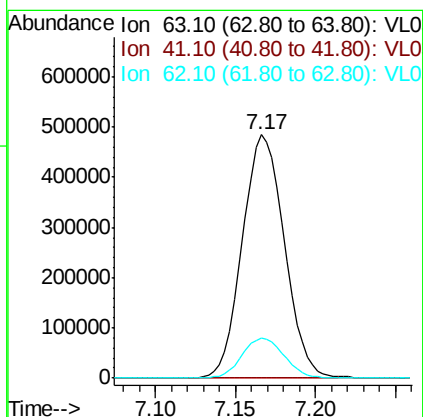
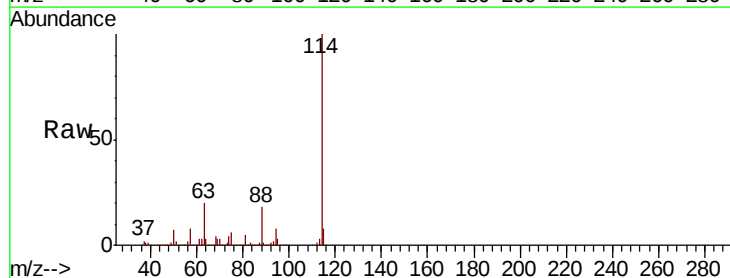
Instrument :
MSVOA_L
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VL0910ABL01

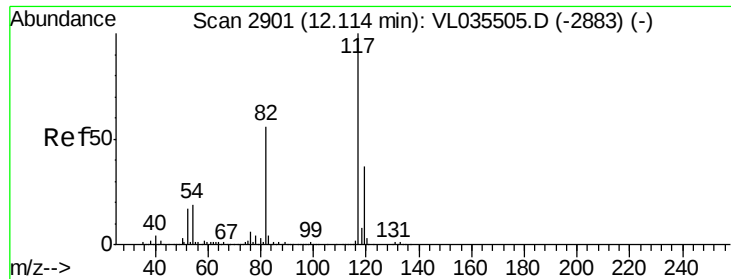
Tot Ion: 43 Resp: 7070
Ion Ratio Lower Upper
43 100
72 35.5 27.7 41.5



#39
1,2-Dichloropropane
Concen: 8.527 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.47 min
Lab File: VL035582.D
Acq: 10 Sep 2020 13:48

Tgt Ion: 63 Resp: 873124
Ion Ratio Lower Upper
63 100
41 0.0 40.0 60.0#
62 16.6 55.4 83.0#

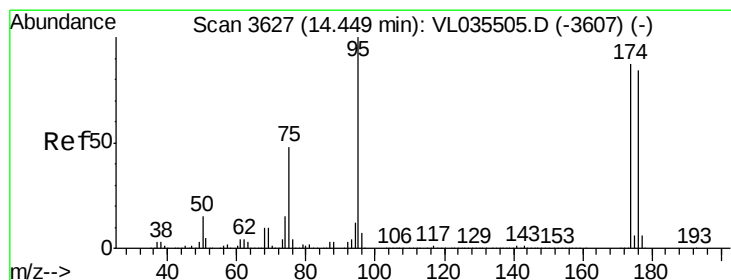
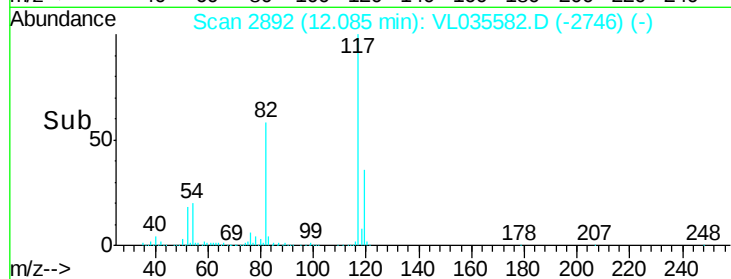
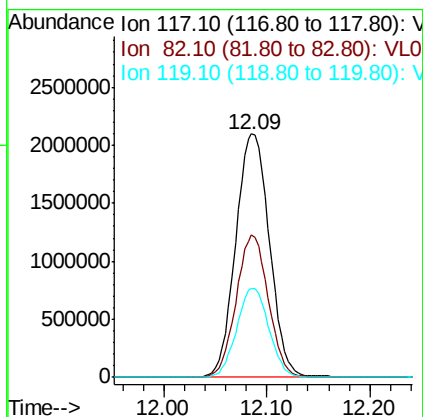
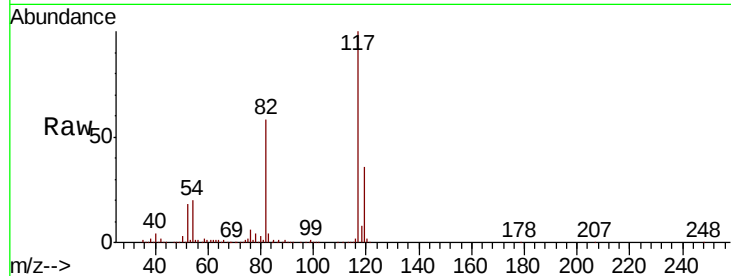




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.03 min
Lab File: VL035582.D
Acq: 10 Sep 2020 13:48

Instrument :
MSVOA_L
ClientSampleId :
VL0910ABL01

Tot Ion:117 Resp: 4781799
Ion Ratio Lower Upper
117 100
82 55.9 41.6 62.4
119 35.2 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.349 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.03 min
Lab File: VL035582.D
Acq: 10 Sep 2020 13:48

Tgt Ion: 95 Resp: 3514456
Ion Ratio Lower Upper
95 100
174 83.5 69.6 104.4
175 6.0 5.1 7.7

