

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091620\
 Data File : VL035628.D
 Acq On : 16 Sep 2020 13:49
 Operator : SY/AP
 Sample : VL0916ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0916ABL01

Quant Time: Sep 17 07:06:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1211520	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4797518	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4808137	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3519546	10.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

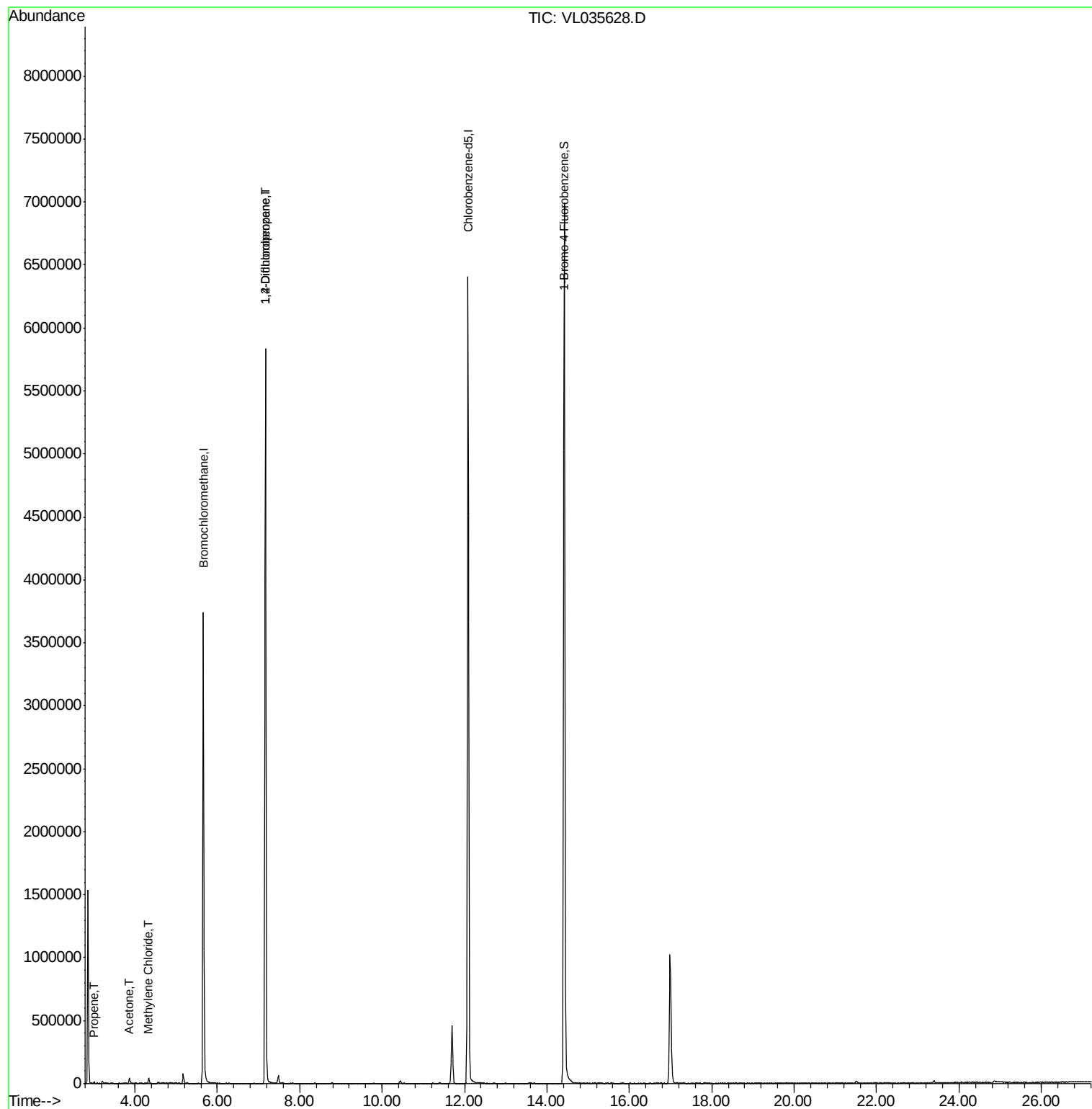
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	2903	0.056	ppbv	86
15) Acetone	3.86	43	30972	0.232	ppbv #	31
20) Methylene Chloride	4.33	84	16922	0.170	ppbv	98
39) 1,2-Dichloropropane	7.17	63	920032	8.770	ppbv #	32

(#) = 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. -0.01 min

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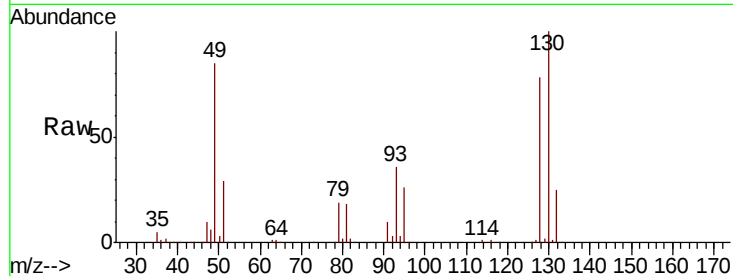
Tot Ion: 49 Resp: 1211520

Ion Ratio Lower Upper

49 100

128 92.6 50.0 150.1

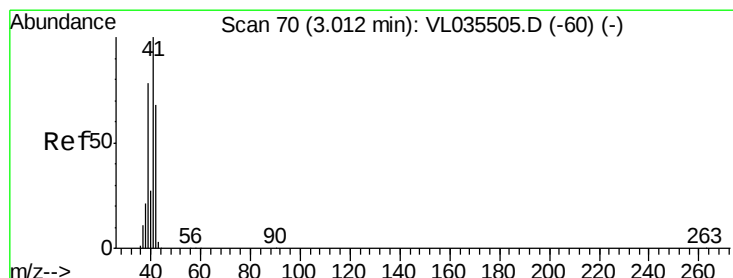
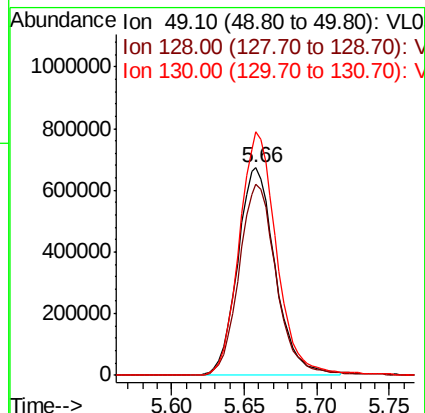
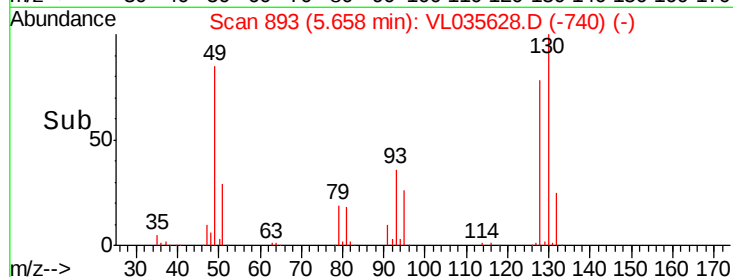
130 117.5 64.4 193.2



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: 0.056 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VL035628.D

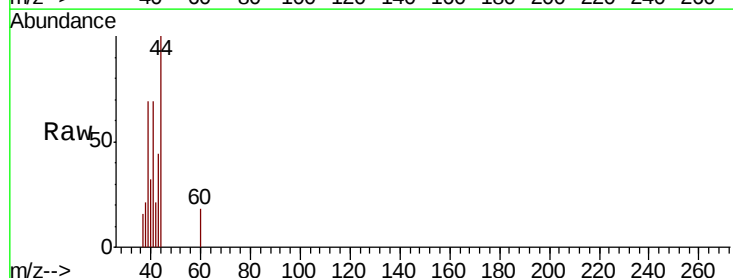
Acq: 16 Sep 2020 13:49

Tgt Ion: 41 Resp: 2903

Ion Ratio Lower Upper

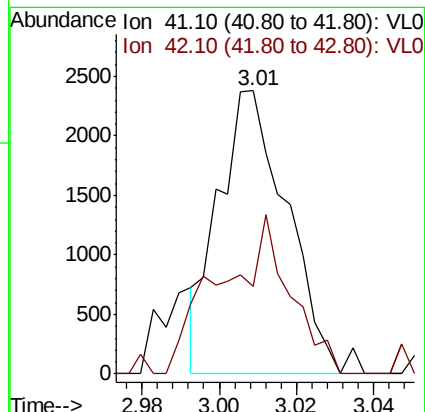
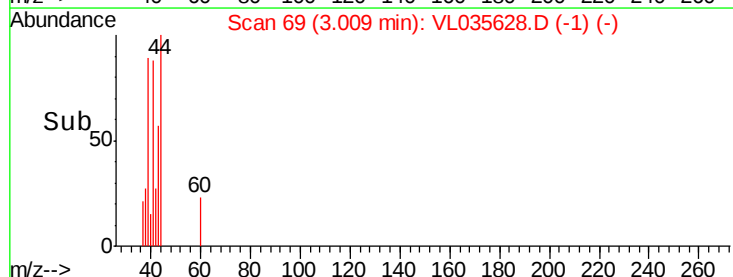
41 100

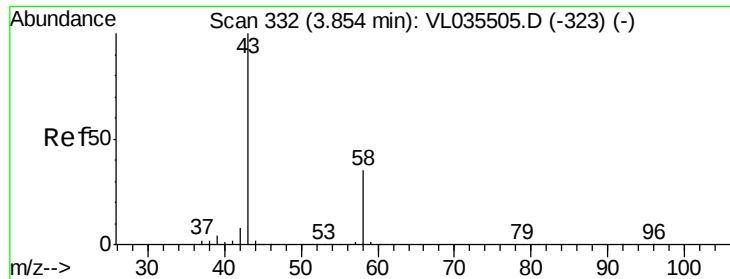
42 59.0 56.3 84.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.232 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.03 min

Lab File: VL035628.D

Acq: 16 Sep 2020 13:49

Instrument :

MSVOA_L

ClientSampleId :

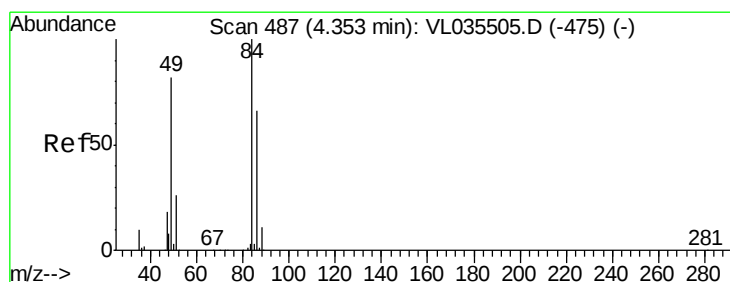
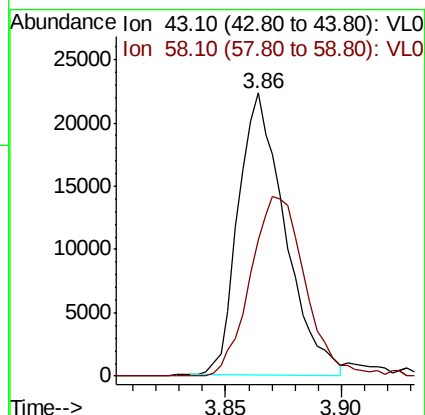
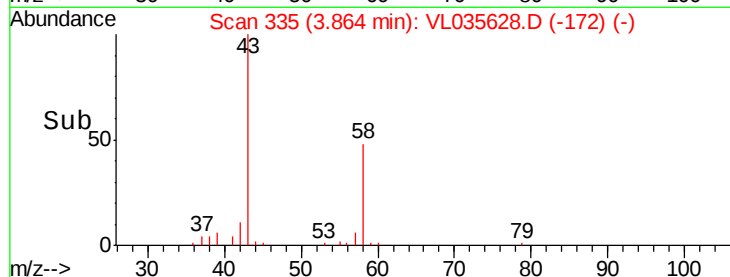
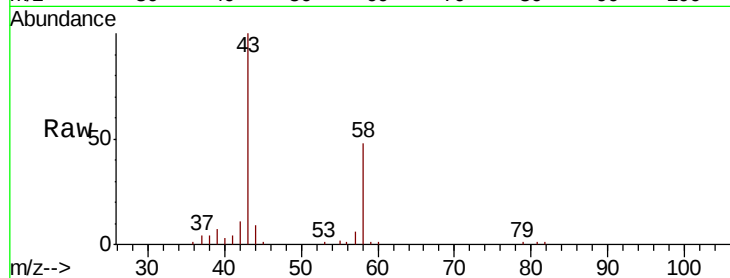
VL0916ABL01

Tot Ion: 43 Resp: 30972

Ion Ratio Lower Upper

43 100

58 75.8 28.4 42.6#



#20

Methylene Chloride

Concen: 0.170 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.00 min

Lab File: VL035628.D

Acq: 16 Sep 2020 13:49

Tgt Ion: 84 Resp: 16922

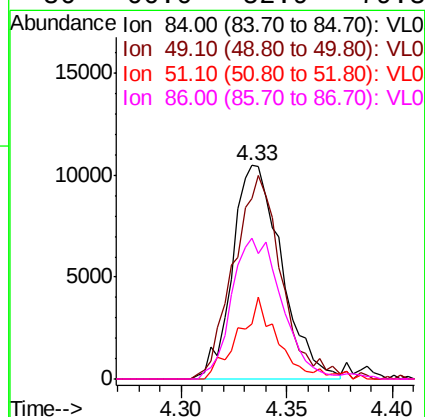
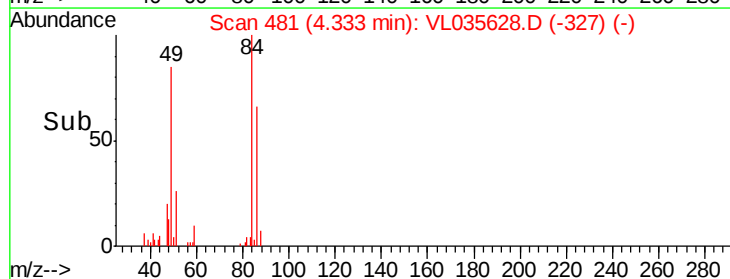
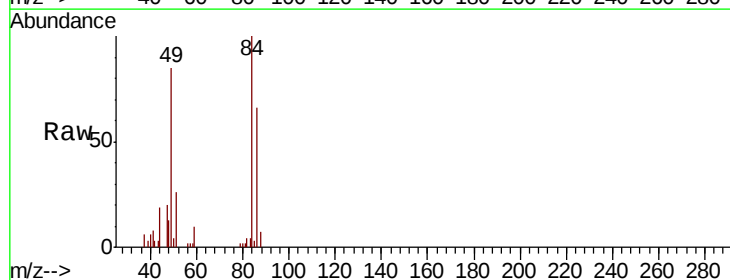
Ion Ratio Lower Upper

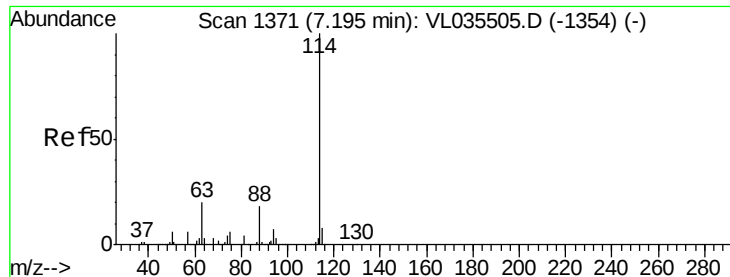
84 100

49 84.6 65.4 98.0

51 26.1 21.5 32.3

86 66.0 52.9 79.3

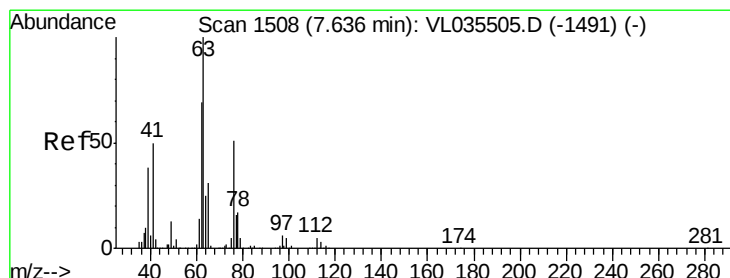
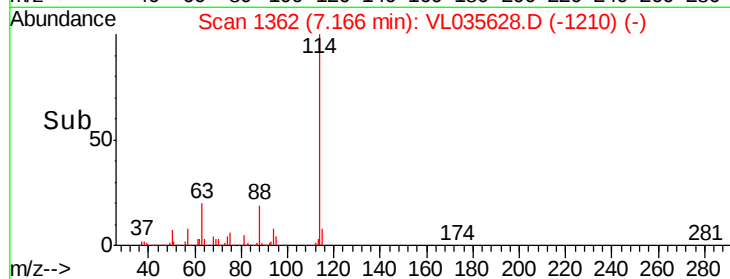
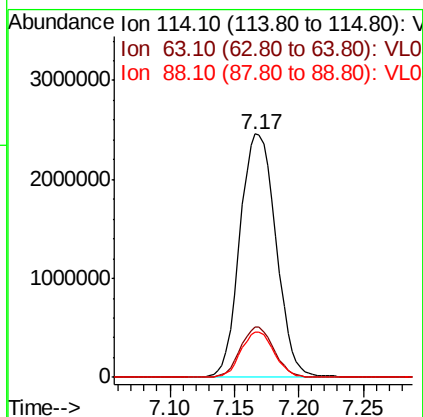
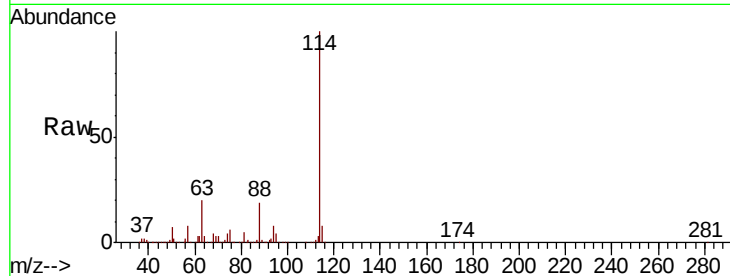




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VL035628.D
 Acq: 16 Sep 2020 13:49

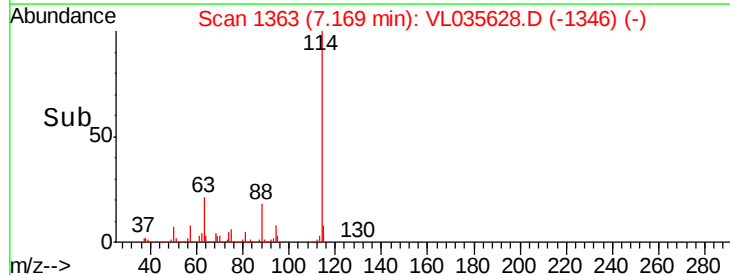
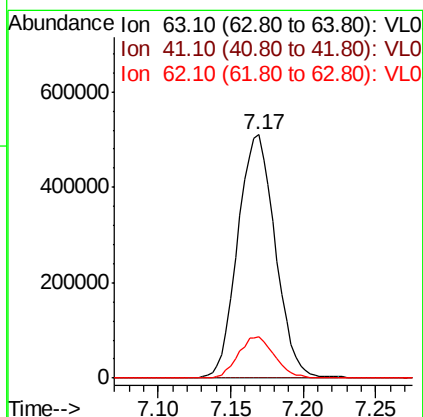
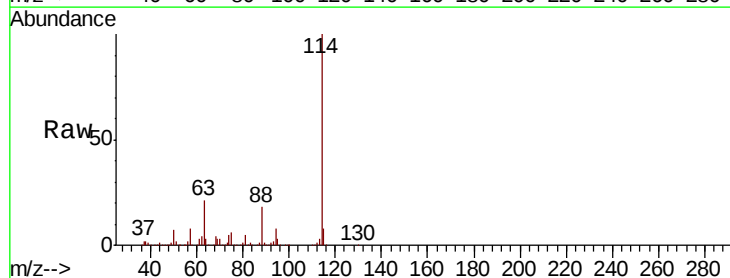
Instrument :
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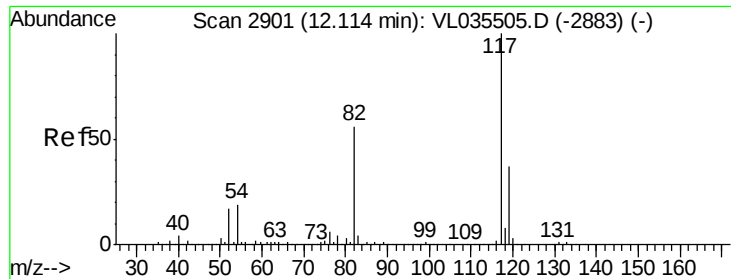
Tot Ion:114 Resp: 4797518
 Ion Ratio Lower Upper
 114 100
 63 19.3 14.7 22.1
 88 17.3 13.4 20.2



#39
 1,2-Dichloropropane
 Concen: 8.770 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.44 min
 Lab File: VL035628.D
 Acq: 16 Sep 2020 13:49

Tgt Ion: 63 Resp: 920032
 Ion Ratio Lower Upper
 63 100
 41 0.0 40.0 60.0#
 62 16.9 55.4 83.0#

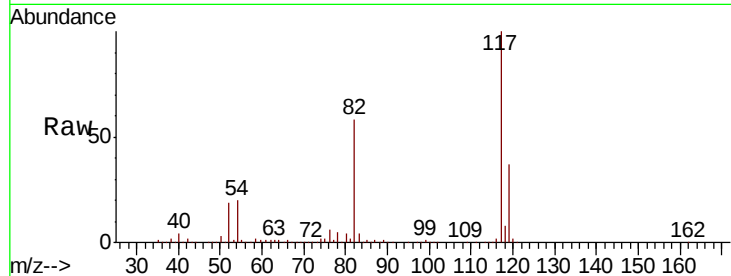




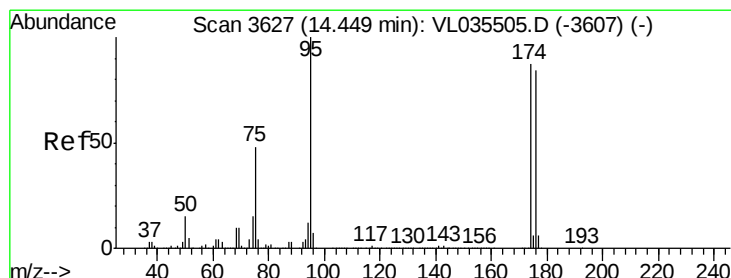
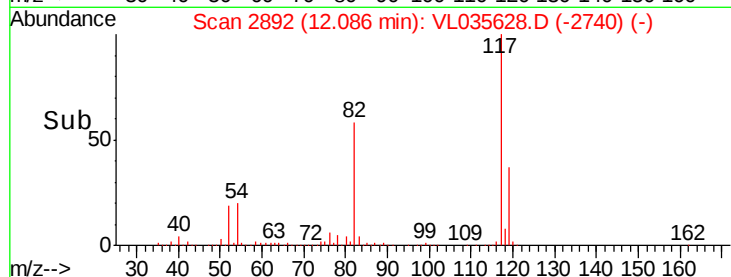
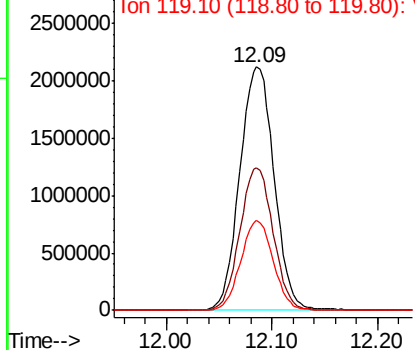
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL035628.D
Acq: 16 Sep 2020 13:49

Instrument :
MSVOA_L
ClientSampleId :
VL0916ABL01

Tot Ion:117 Resp: 4808137
Ion Ratio Lower Upper
117 100
82 57.0 41.6 62.4
119 35.2 29.3 43.9

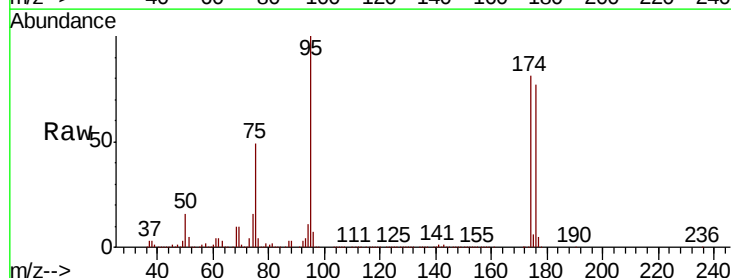


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.308 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL035628.D
Acq: 16 Sep 2020 13:49

Tgt Ion: 95 Resp: 3519546
Ion Ratio Lower Upper
95 100
174 80.8 69.6 104.4
175 5.8 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

