

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072120\
 Data File : VL035210.D
 Acq On : 21 Jul 2020 11:45
 Operator : SY/AP
 Sample : VL0721ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0721ABL01

Quant Time: Jul 22 00:46:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1101058	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2669681	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2527410	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2061232	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

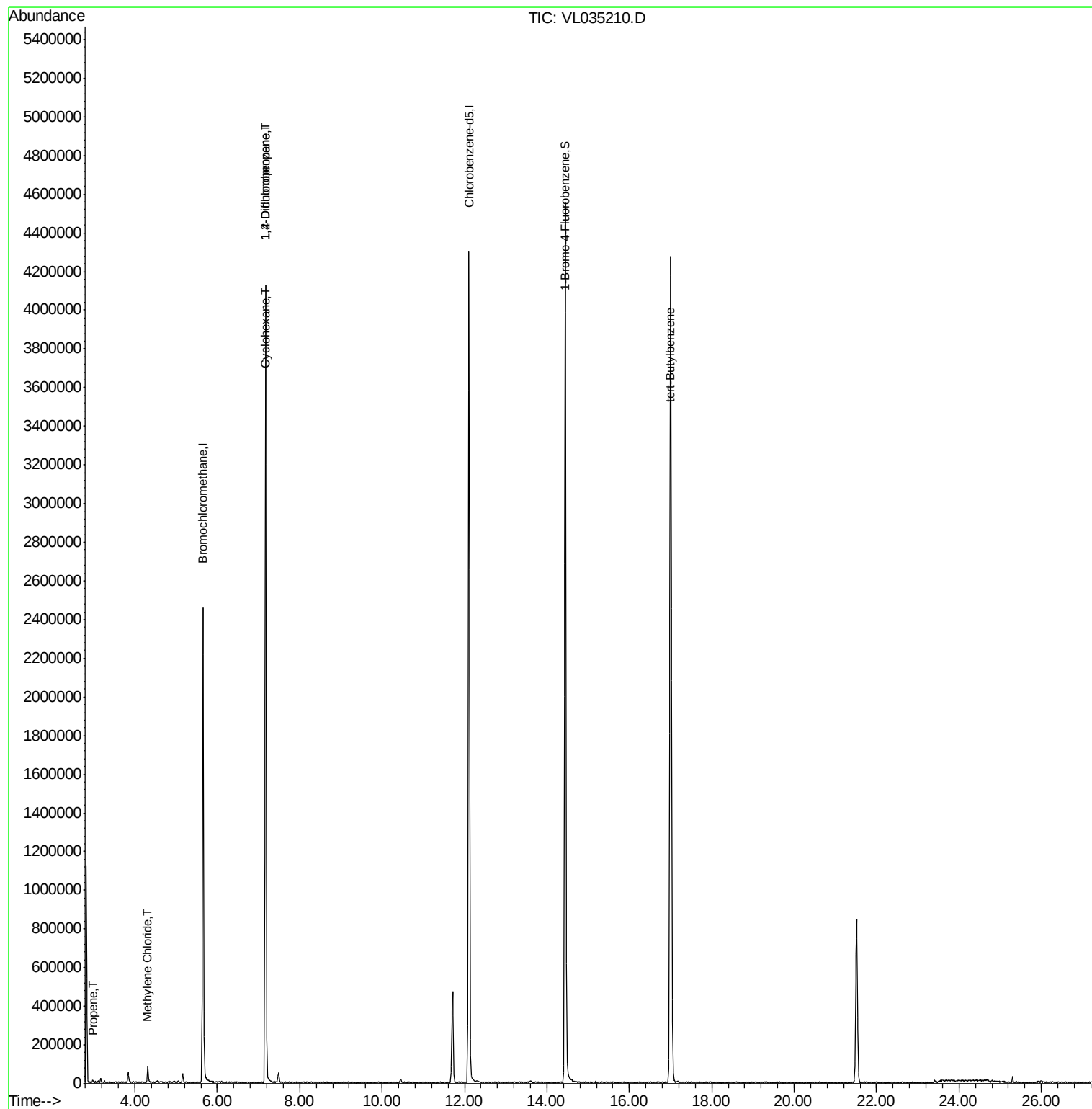
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.97	41	2542	0.055	ppbv	86
20) Methylene Chloride	4.31	84	25028	0.386	ppbv	93
30) Cyclohexane	7.15	84	3535	0.047	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	722500	9.403	ppbv #	22
65) tert-Butylbenzene	16.98	119	10653	0.032	ppbv #	27

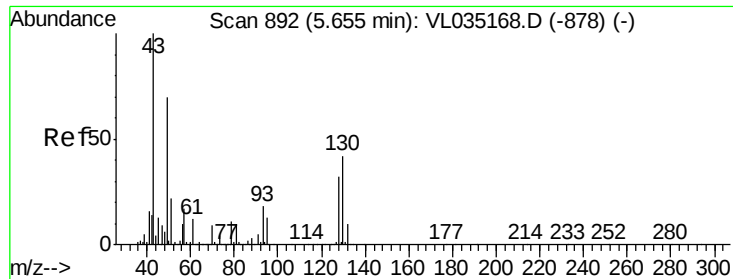
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072120\
Data File : VL035210.D
Acq On : 21 Jul 2020 11:45
Operator : SY/AP
Sample : VL0721ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0721ABL01

Quant Time: Jul 22 00:46:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 07:05:23 2020
QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.01 min

Lab File: VL035210.D

Acq: 21 Jul 2020 11:45

Instrument :

MSVOA_L

ClientSampleId :

VL0721ABL01

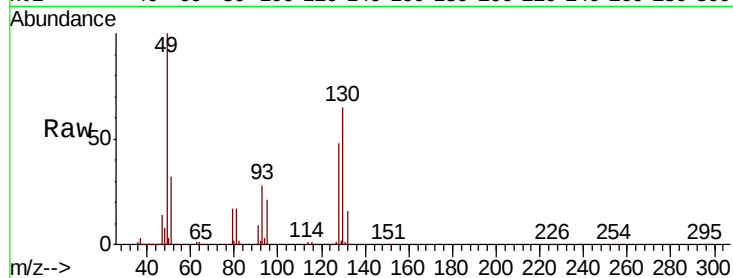
Tot Ion: 49 Resp: 1101058

Ion Ratio Lower Upper

49 100

128 49.4 23.8 71.4

130 63.7 29.9 89.8



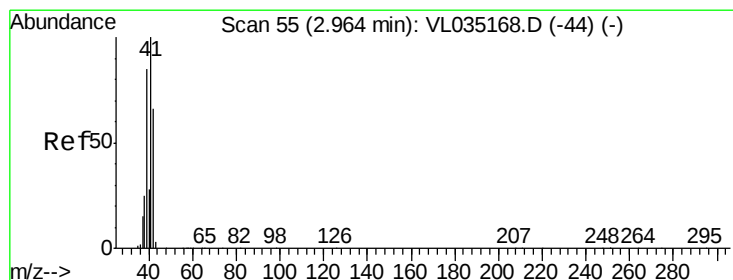
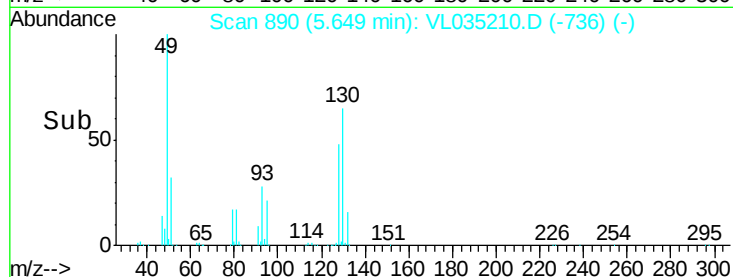
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.65

Time-->



#9

Propene

Concen: 0.055 ppbv

RT: 2.97 min Scan# 58

Delta R.T. 0.01 min

Lab File: VL035210.D

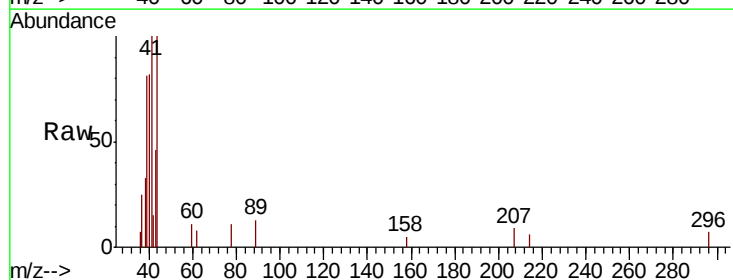
Acq: 21 Jul 2020 11:45

Tgt Ion: 41 Resp: 2542

Ion Ratio Lower Upper

41 100

42 79.2 54.6 81.8

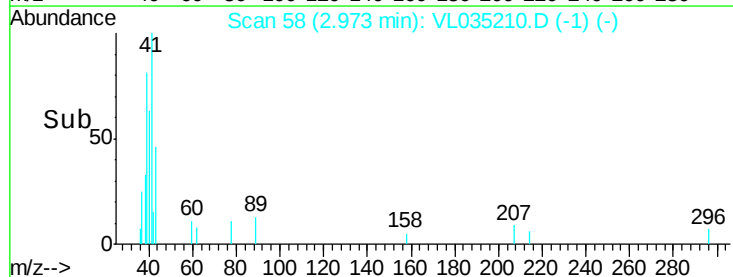


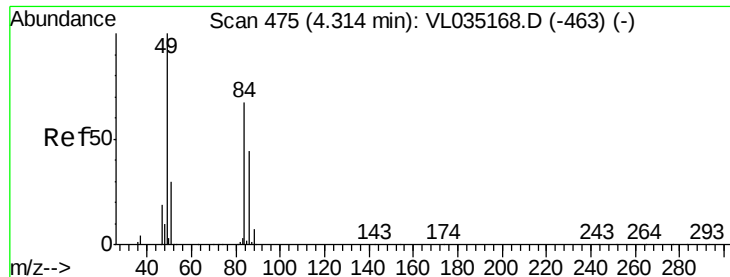
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

2.97

Time-->

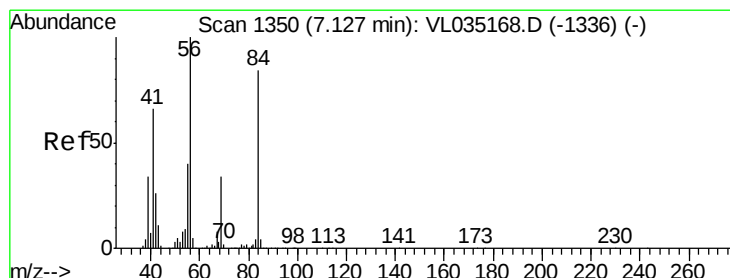
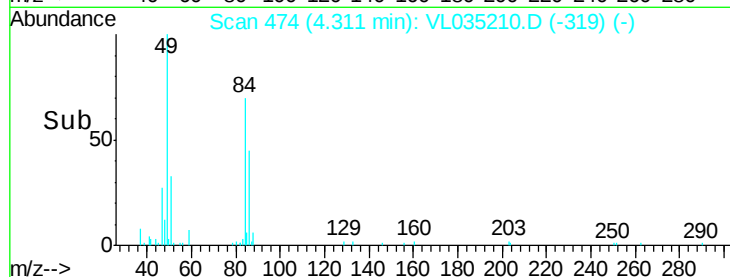
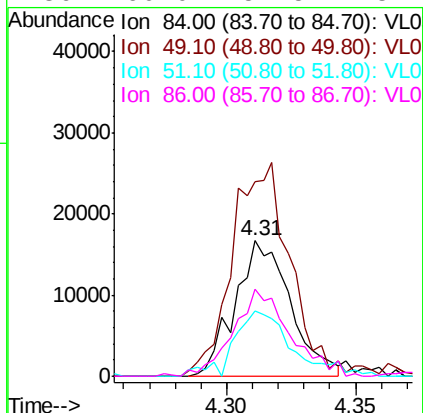
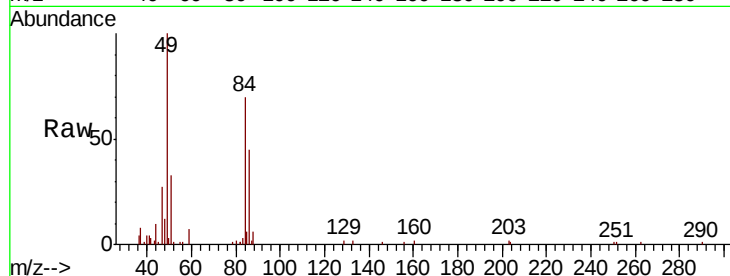




#20
Methylene Chloride
Concen: 0.386 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.00 min
Lab File: VL035210.D
Acq: 21 Jul 2020 11:45

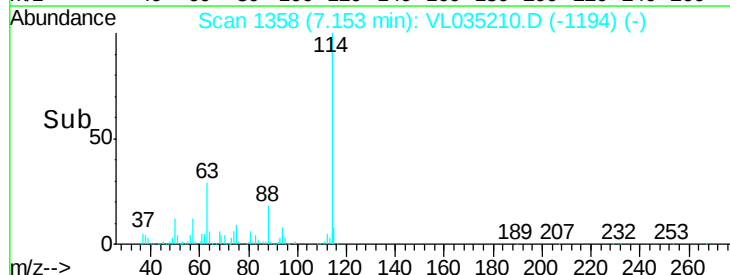
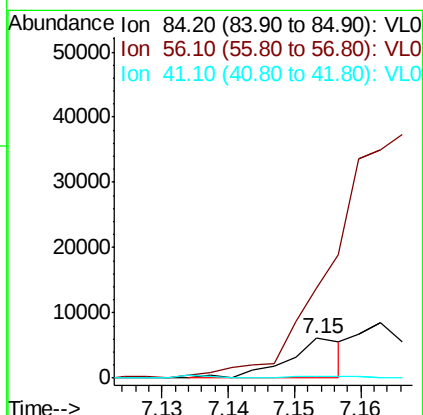
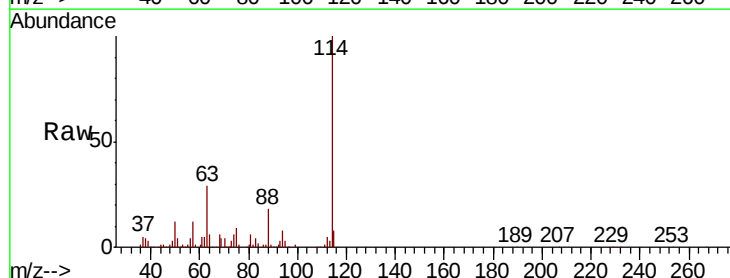
Instrument :
MSVOA_L
ClientSampleId :
VL0721ABL01

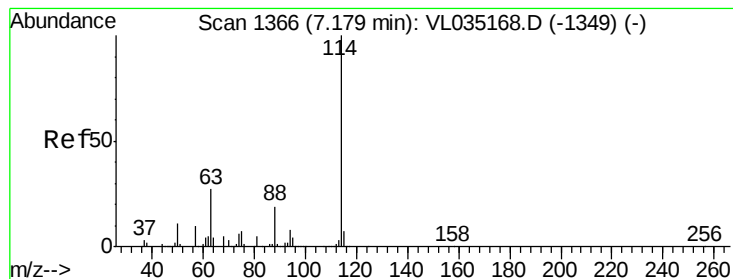
Tot Ion: 84 Resp: 25028
Ion Ratio Lower Upper
84 100
49 139.4 119.4 179.0
51 42.9 36.6 55.0
86 60.0 52.5 78.7



#30
Cyclohexane
Concen: 0.047 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. 0.03 min
Lab File: VL035210.D
Acq: 21 Jul 2020 11:45

Tgt Ion: 84 Resp: 3535
Ion Ratio Lower Upper
84 100
56 0.0 105.6 158.4#
41 0.0 64.9 97.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VL035210.D

Acq: 21 Jul 2020 11:45

Instrument :

MSVOA_L

ClientSampleId :

VL0721ABL01

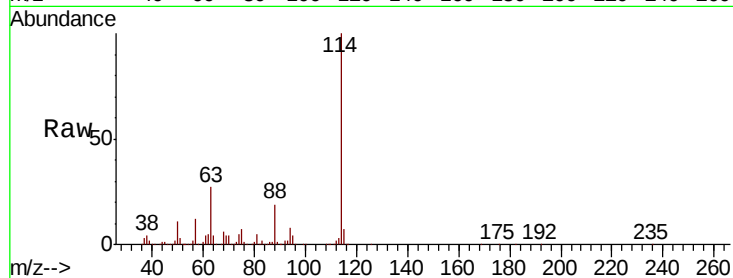
Tot Ion:114 Resp: 2669681

Ion Ratio Lower Upper

114 100

63 27.2 22.0 33.0

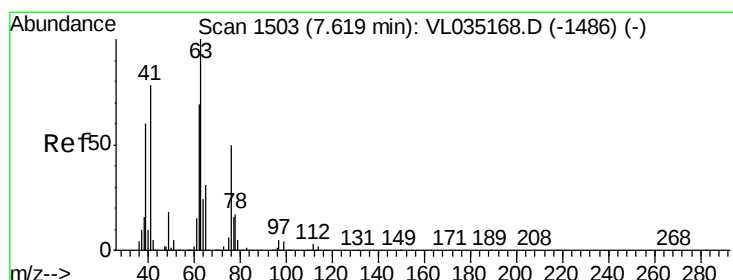
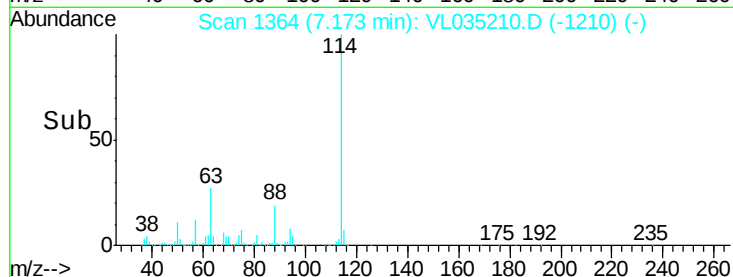
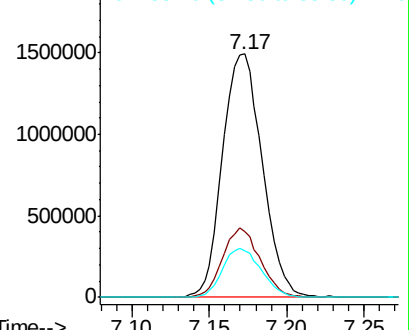
88 19.7 15.4 23.0



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#39

1,2-Dichloropropane

Concen: 9.403 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.45 min

Lab File: VL035210.D

Acq: 21 Jul 2020 11:45

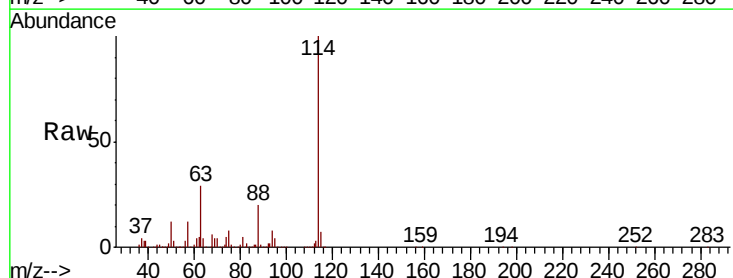
Tgt Ion: 63 Resp: 722500

Ion Ratio Lower Upper

63 100

41 0.0 62.6 94.0#

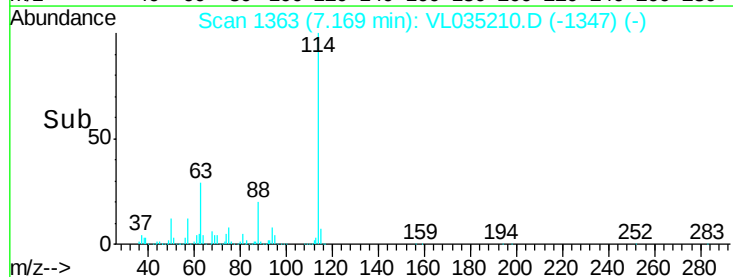
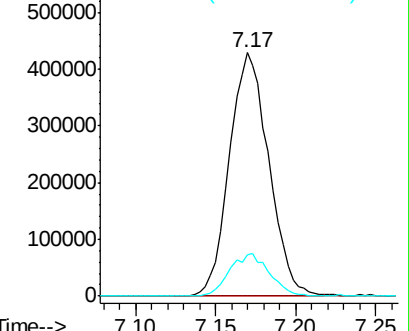
62 17.1 55.0 82.6#

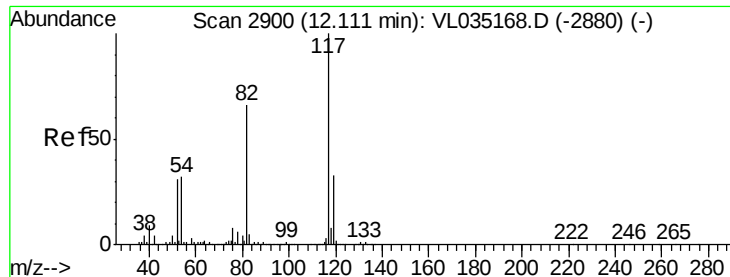


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

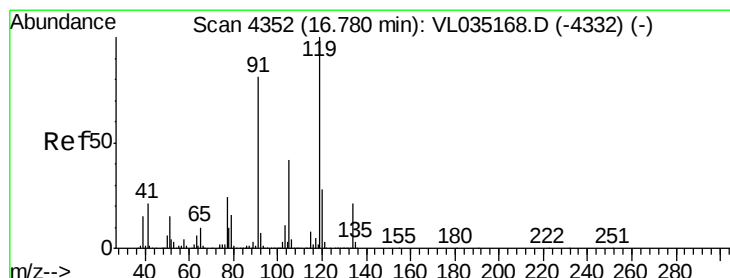
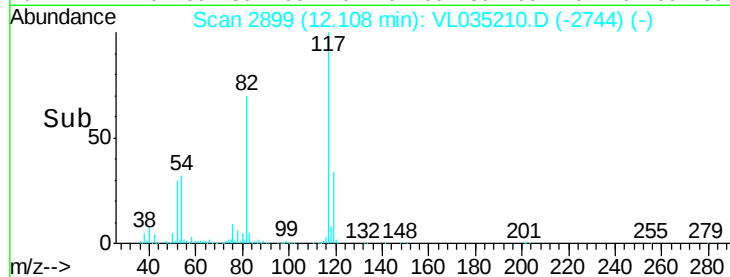
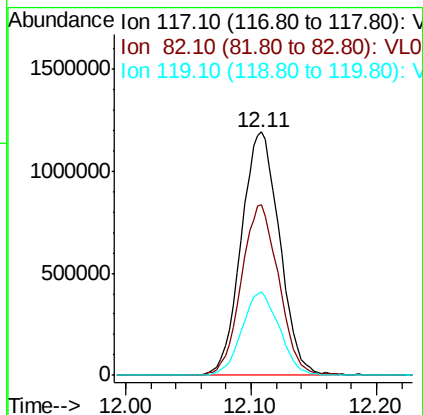
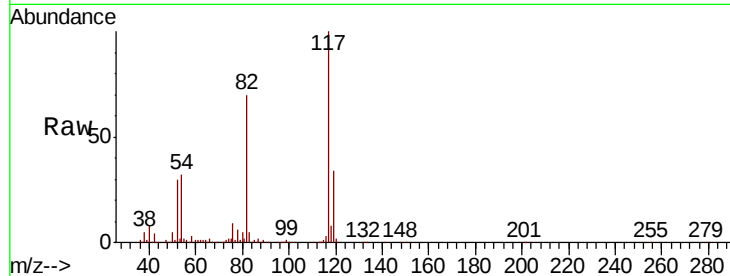




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL035210.D
Acq: 21 Jul 2020 11:45

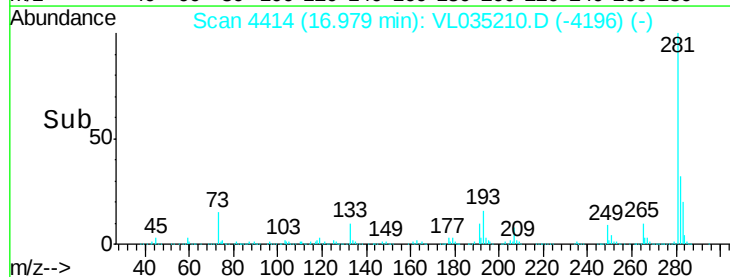
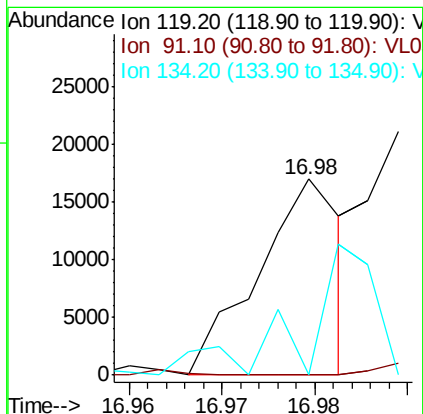
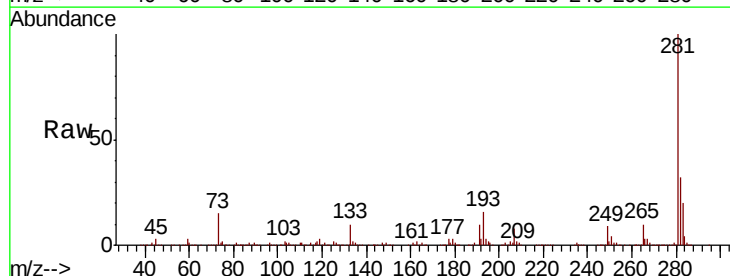
Instrument :
MSVOA_L
ClientSampleId :
VL0721ABL01

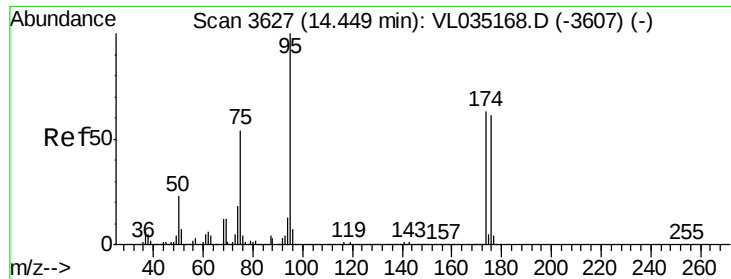
Tot Ion:117 Resp: 2527410
Ion Ratio Lower Upper
117 100
82 68.8 52.3 78.5
119 33.5 24.9 37.3



#65
tert-Butylbenzene
Concen: 0.032 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. 0.20 min
Lab File: VL035210.D
Acq: 21 Jul 2020 11:45

Tgt Ion:119 Resp: 10653
Ion Ratio Lower Upper
119 100
91 2.7 67.5 101.3#
134 19.8 16.0 24.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.039 ppbv
 RT: 14.45 min Scan# 3626
 Delta R.T. -0.00 min
 Lab File: VL035210.D
 Acq: 21 Jul 2020 11:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0721ABL01

Tot Ion: 95 Resp: 2061232
 Ion Ratio Lower Upper
 95 100
 174 64.9 52.2 78.2
 175 4.7 4.0 6.0

