

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021920\
Quantitation Report (Not Reviewed)

Data File : VL034649.D
Acq On : 19 Feb 2020 12:52
Operator : SY/AP
Sample : VL0219ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABL01

Quant Time: Feb 20 06:49:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	766147	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	1589284	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.11	117	1626290	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1381149	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

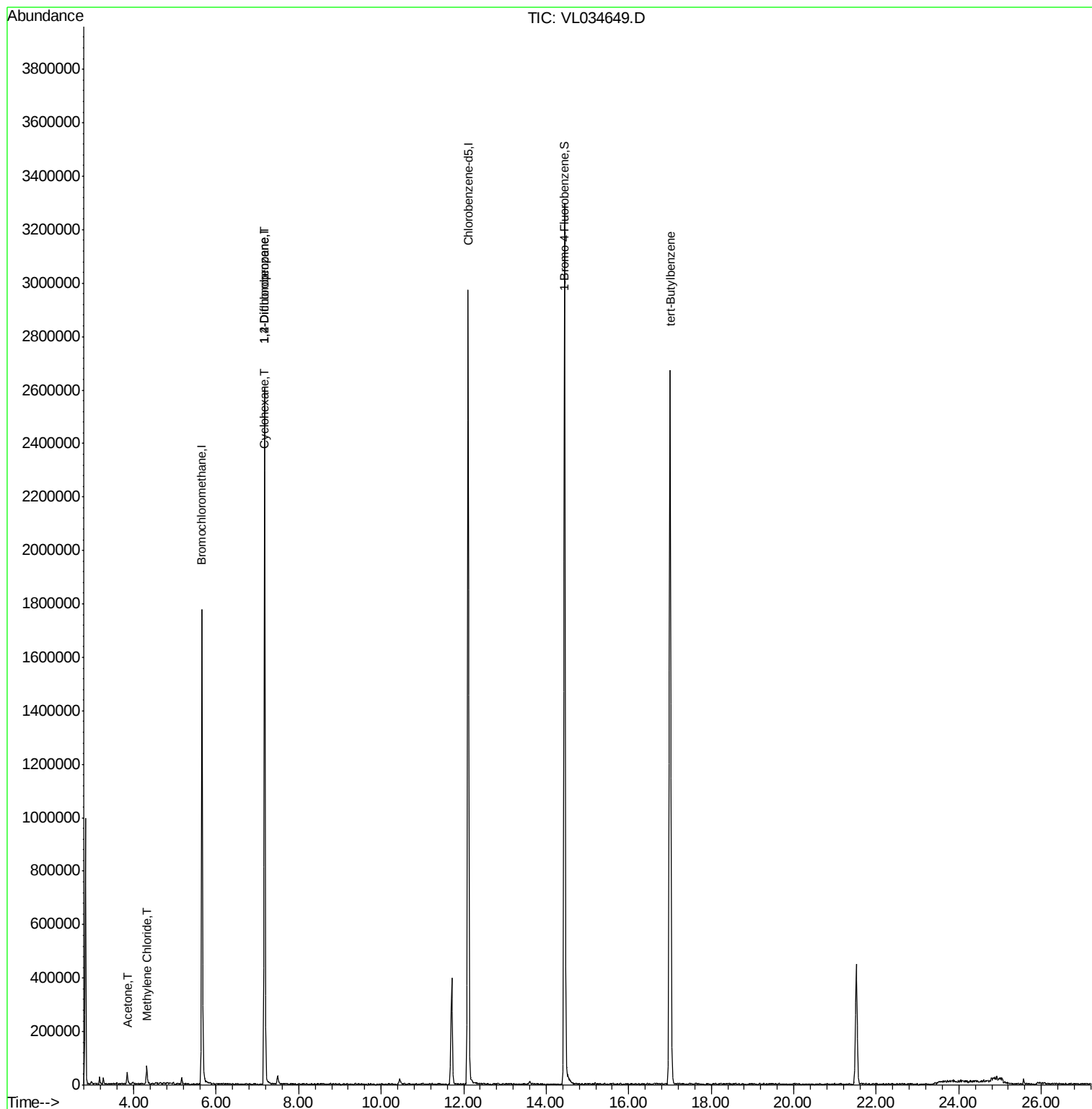
Target Compounds					Qvalue	
15) Acetone	3.84	43	41402	0.368	ppbv #	75
20) Methylene Chloride	4.32	84	8378	0.195	ppbv #	86
30) Cyclohexane	7.16	84	2057	0.036	ppbv #	2
39) 1,2-Dichloropropane	7.18	63	459606	7.844	ppbv #	20
65) tert-Butylbenzene	17.00	119	32067	0.141	ppbv #	17

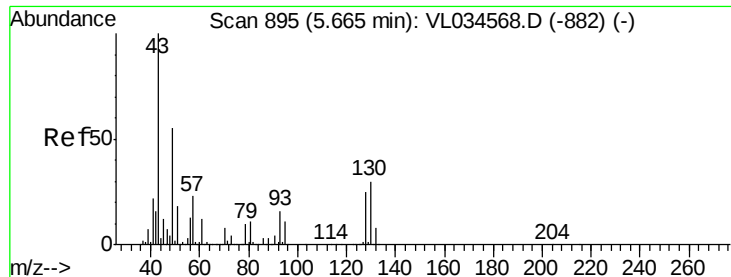
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL034649.D

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VL0219ABL01

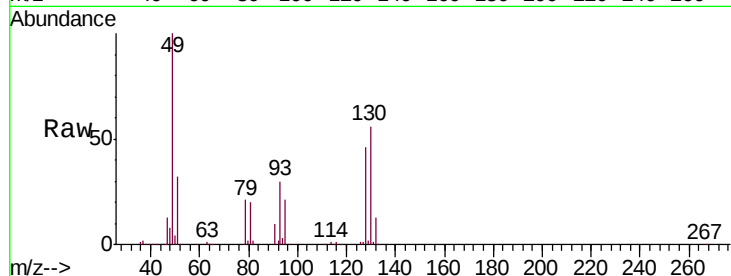
Tgt Ion: 49 Resp: 766147

Ion Ratio Lower Upper

49 100

128 47.3 22.7 68.1

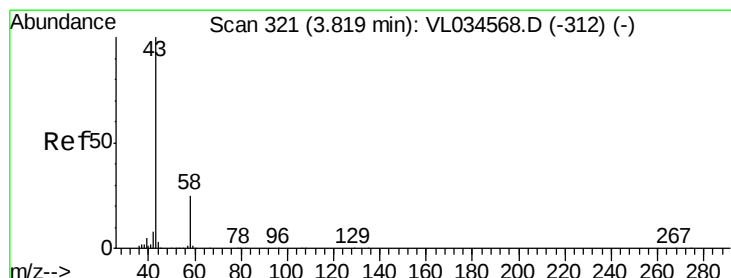
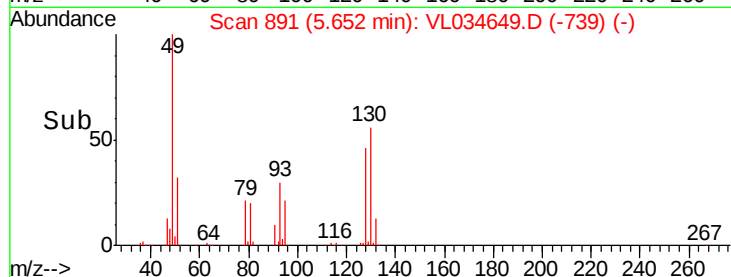
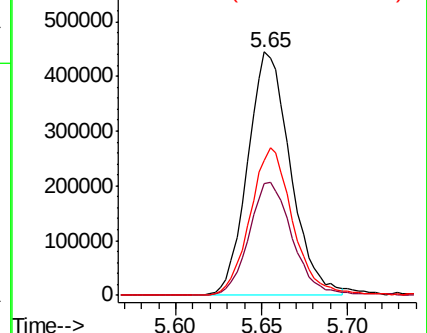
130 60.8 28.6 85.8



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



#15

Acetone

Concen: 0.368 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.02 min

Lab File: VL034649.D

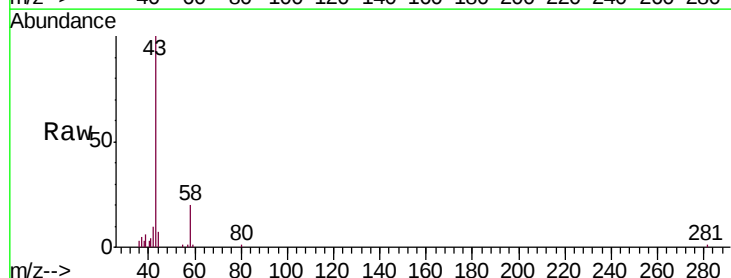
Acq: 19 Feb 2020 12:52

Tgt Ion: 43 Resp: 41402

Ion Ratio Lower Upper

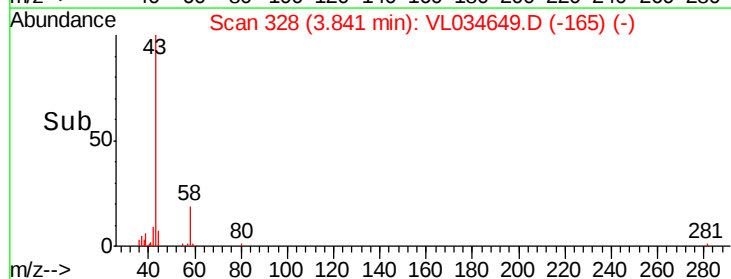
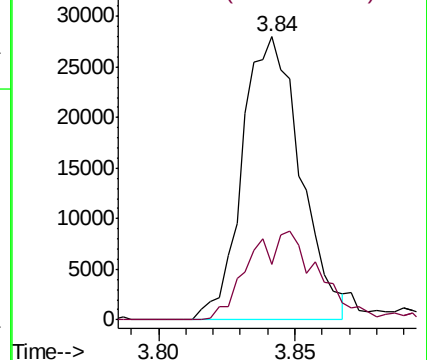
43 100

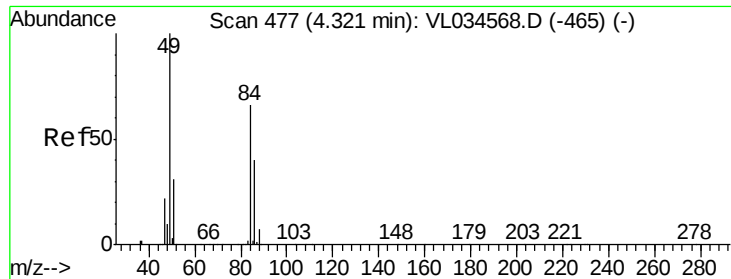
58 38.2 20.3 30.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

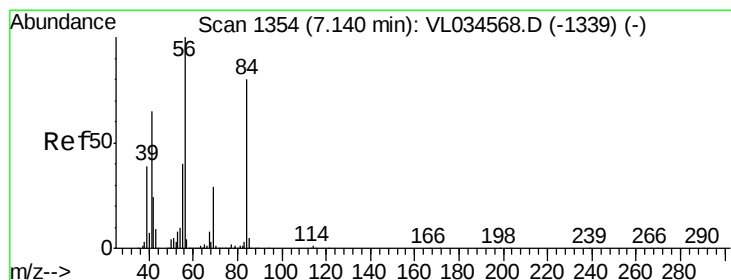
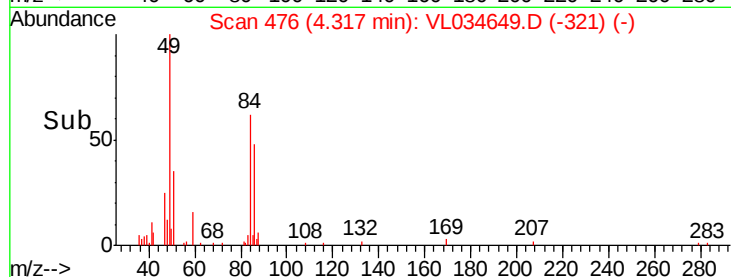
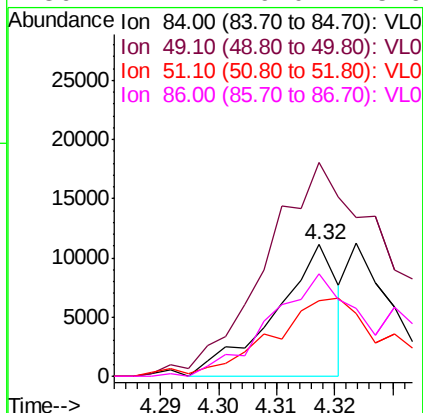
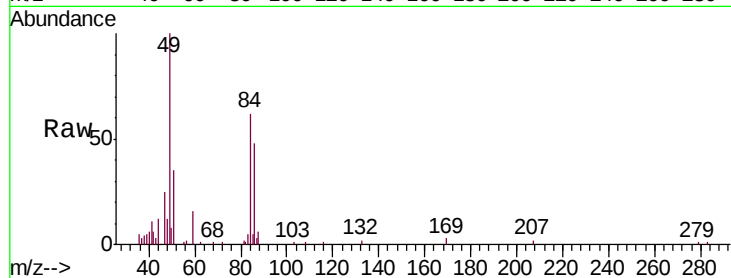




#20
Methylene Chloride
Concen: 0.195 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.00 min
Lab File: VL034649.D
Acq: 19 Feb 2020 12:52

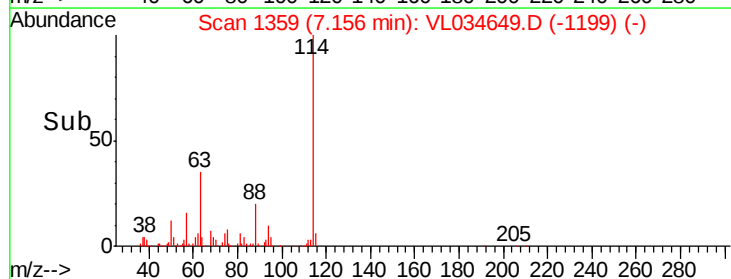
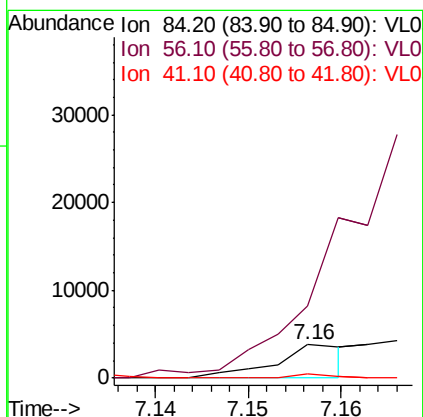
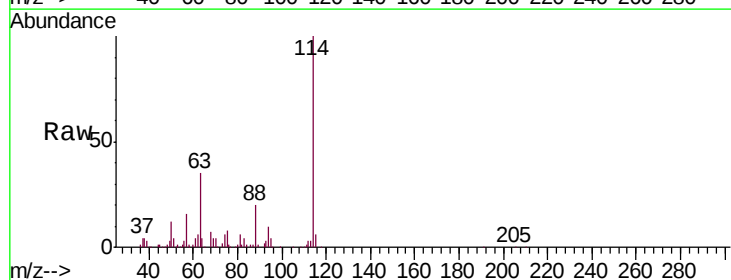
Instrument :
MSVOA_L
ClientSampleId :
VL0219ABL01

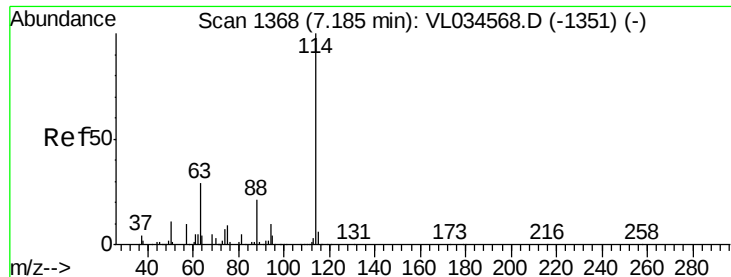
Tgt Ion:	84	Resp:	8378
Ion	Ratio	Lower	Upper
84	100		
49	169.6	122.4	183.6
51	55.1	38.6	57.8
86	77.4	49.0	73.6#



#30
Cyclohexane
Concen: 0.036 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.02 min
Lab File: VL034649.D
Acq: 19 Feb 2020 12:52

Tgt Ion:	84	Resp:	2057
Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.5	165.7#
41	21.0	71.9	107.9#

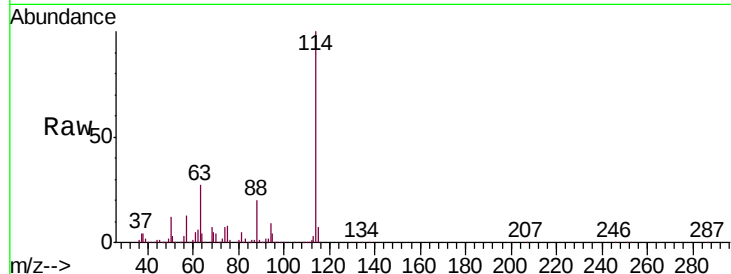




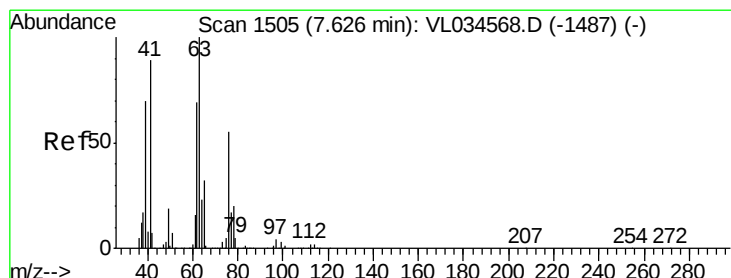
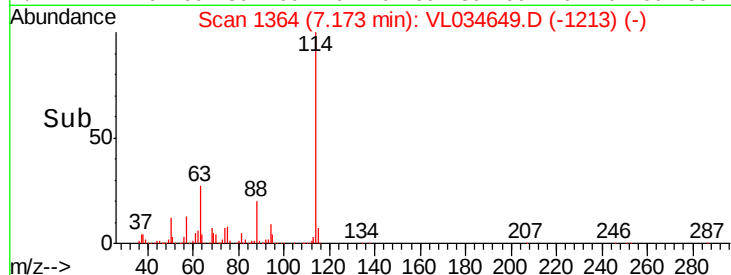
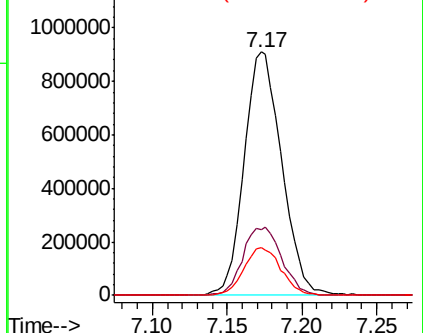
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL034649.D
 Acq: 19 Feb 2020 12:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0219ABL01

Tgt Ion: 114 Resp: 1589284
 Ion Ratio Lower Upper
 114 100
 63 29.0 24.1 36.1
 88 19.6 15.9 23.9

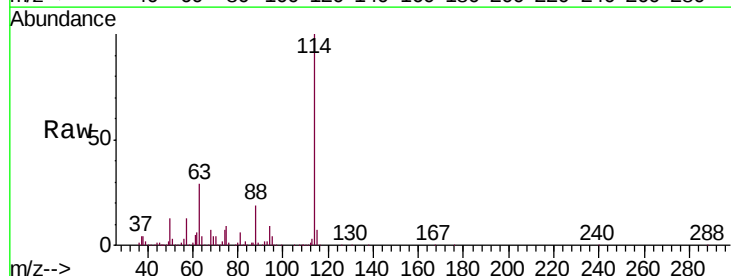


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

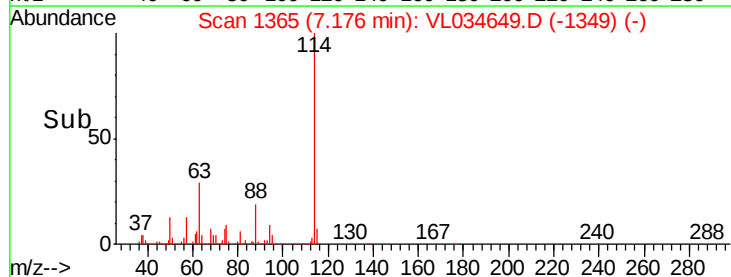
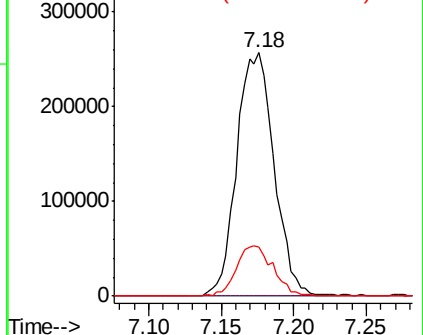


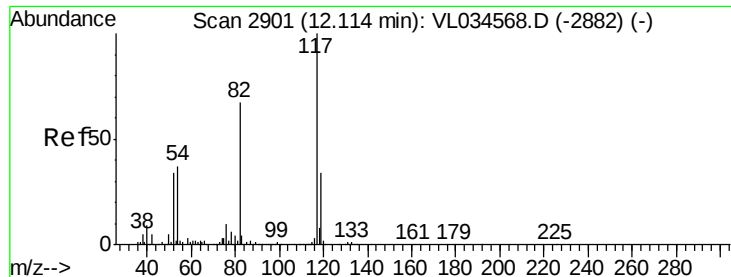
#39
 1,2-Dichloropropane
 Concen: 7.844 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.45 min
 Lab File: VL034649.D
 Acq: 19 Feb 2020 12:52

Tgt Ion: 63 Resp: 459606
 Ion Ratio Lower Upper
 63 100
 41 0.1 71.0 106.4#
 62 20.0 55.4 83.0#



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

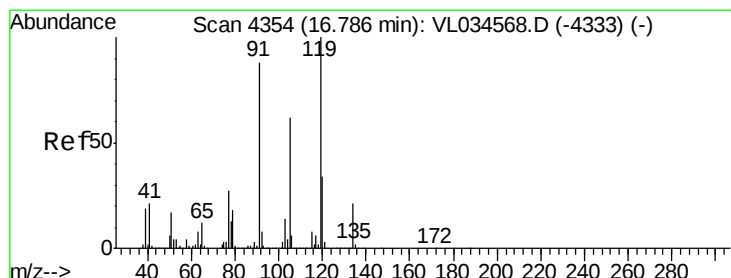
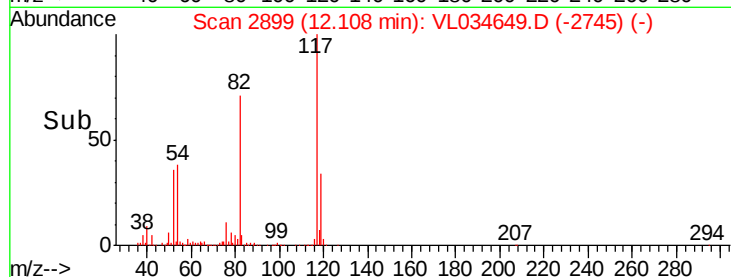
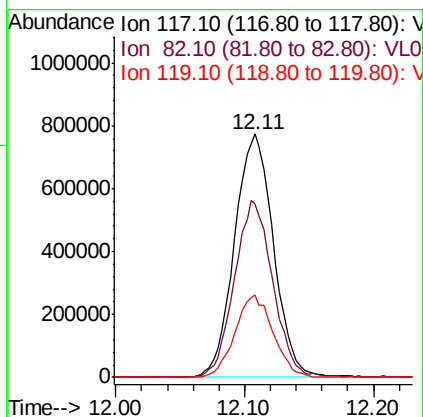
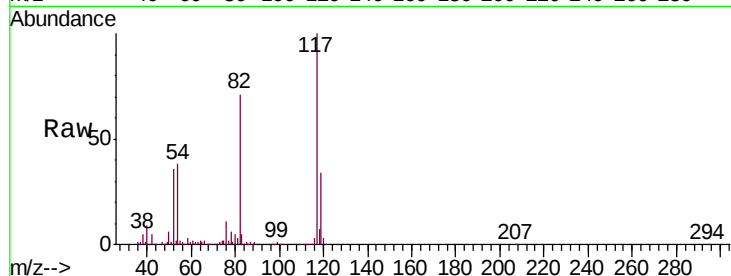




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL034649.D
Acq: 19 Feb 2020 12:52

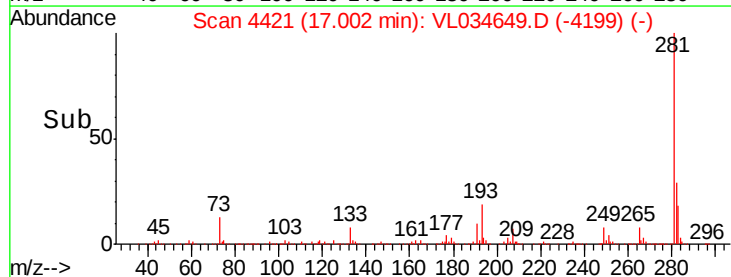
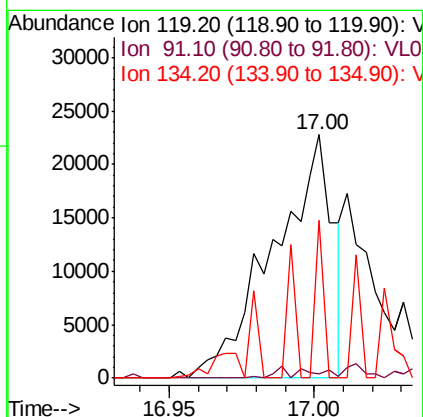
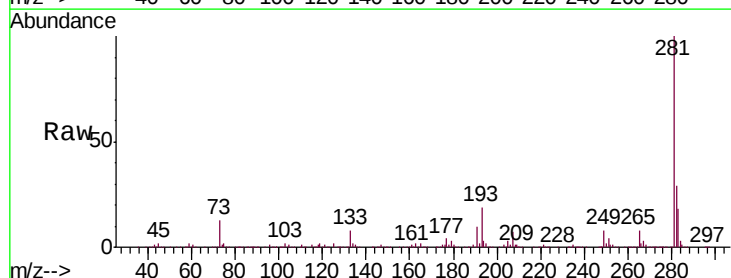
Instrument :
MSVOA_L
ClientSampleId :
VL0219ABL01

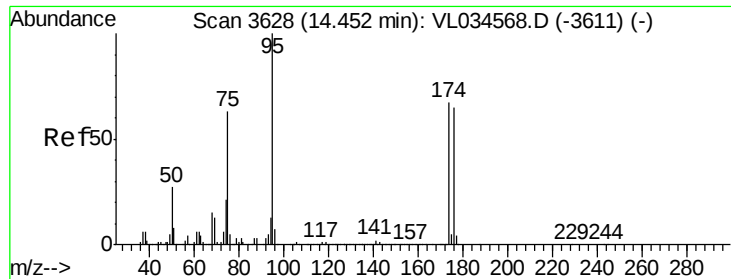
Tgt Ion:117 Resp: 1626290
Ion Ratio Lower Upper
117 100
82 71.8 54.2 81.4
119 33.3 26.1 39.1



#65
tert-Butylbenzene
Concen: 0.141 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. 0.22 min
Lab File: VL034649.D
Acq: 19 Feb 2020 12:52

Tgt Ion:119 Resp: 32067
Ion Ratio Lower Upper
119 100
91 0.5 72.2 108.4#
134 33.3 15.9 23.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.049 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. -0.01 min

Lab File: VL034649.D

Acq: 19 Feb 2020 12:52

Instrument :

MSVOA_L

ClientSampleId :

VL0219ABL01

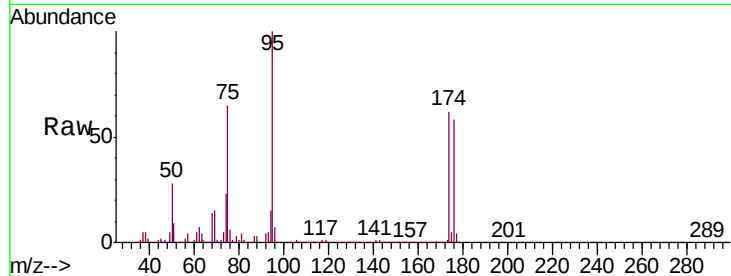
Tgt Ion: 95 Resp: 1381149

Ion Ratio Lower Upper

95 100

174 63.8 52.3 78.5

175 4.4 3.8 5.6



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

