

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012720\
 Data File : VL034558.D
 Acq On : 27 Jan 2020 12:20
 Operator : SY/AP
 Sample : VL0127ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 28 00:20:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 09 03:01:19 2020
 QLast Update : Thu Jan 09 03:01:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	945449	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1978253	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1955588	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1634221	10.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

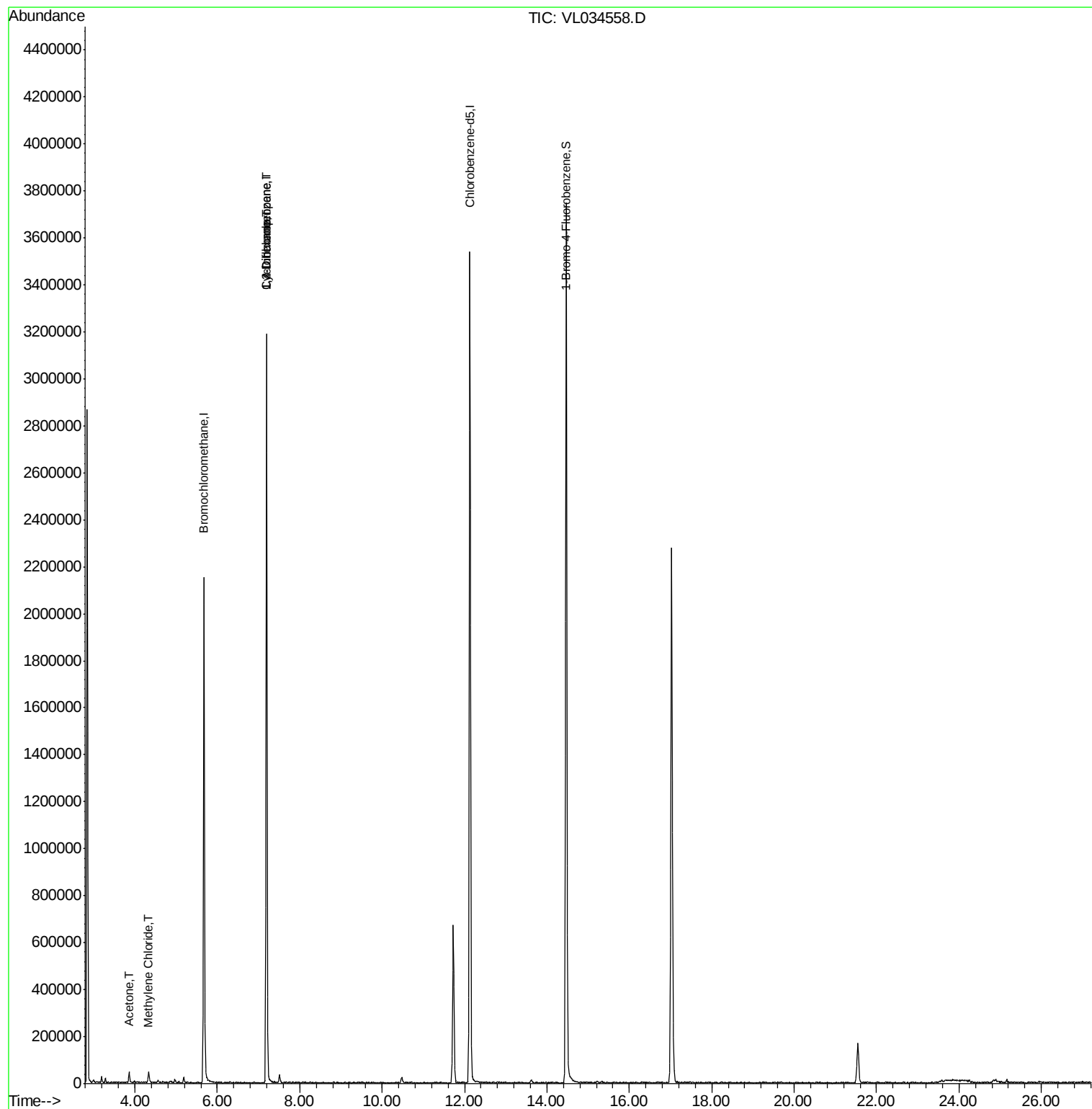
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	43520	0.315	ppbv #	72
20) Methylene Chloride	4.34	84	5611	0.103	ppbv	95
30) Cyclohexane	7.19	84	5719	0.085	ppbv #	1
39) 1,2-Dichloropropane	7.19	63	578447	8.158	ppbv #	21

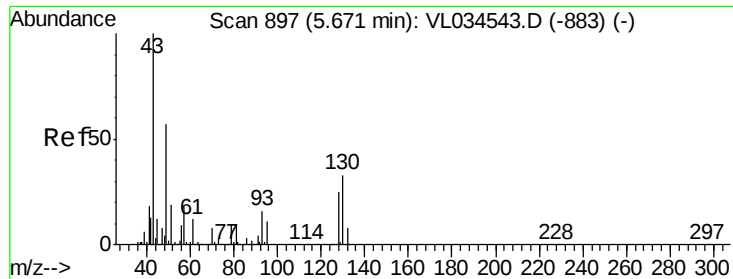
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 09 03:01:19 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

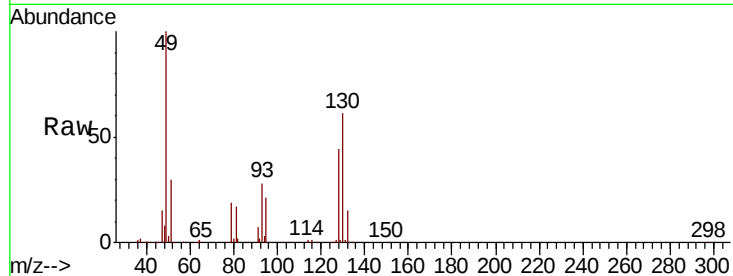
Delta R.T. -0.00 min

Lab File: VL034558.D

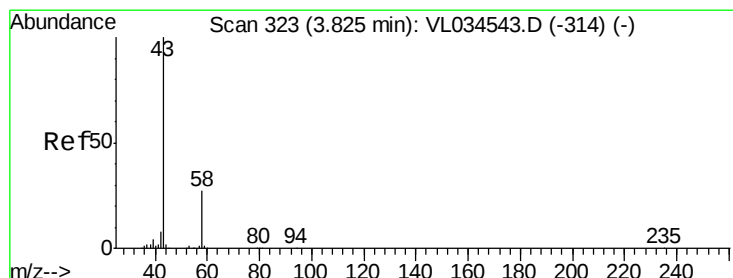
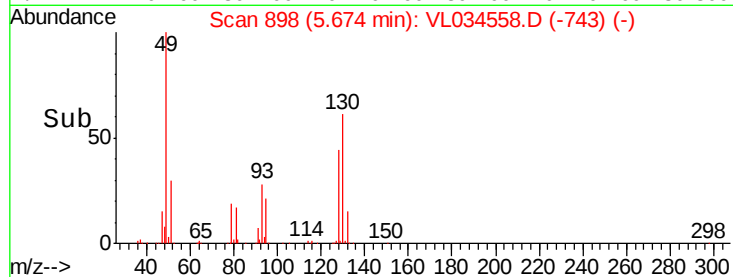
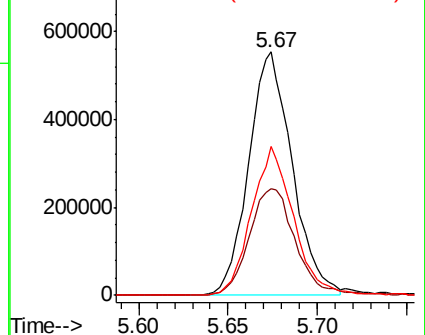
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	49	Resp:	945449
Ion	Ratio	Lower	Upper
49	100		
128	46.9	22.4	67.2
130	59.6	28.3	85.0



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



#15

Acetone

Concen: 0.315 ppbv

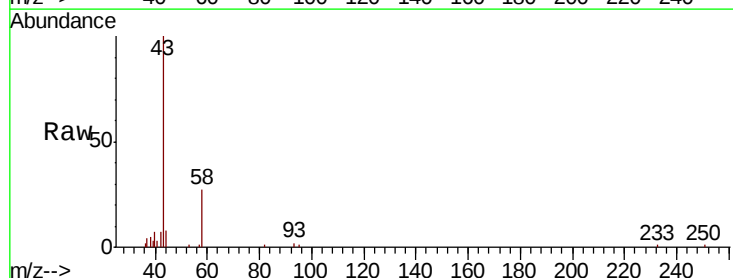
RT: 3.85 min Scan# 332

Delta R.T. 0.03 min

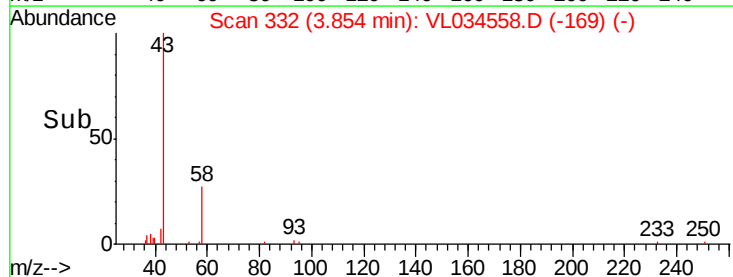
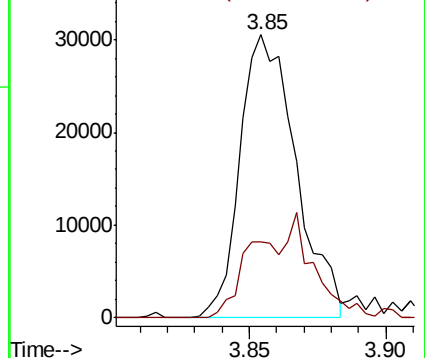
Lab File: VL034558.D

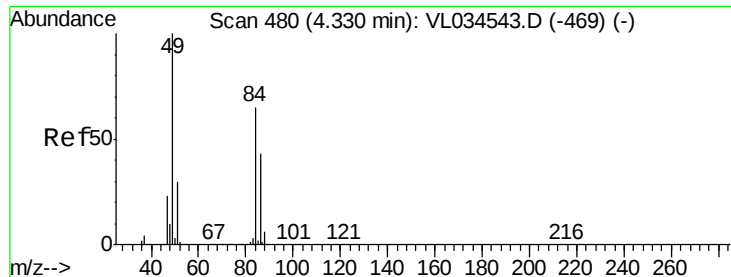
Acq: 27 Jan 2020 12:20

Tgt Ion:	43	Resp:	43520
Ion	Ratio	Lower	Upper
43	100		
58	39.7	20.4	30.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.103 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.01 min

Lab File: VL034558.D

Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 84 Resp: 5611

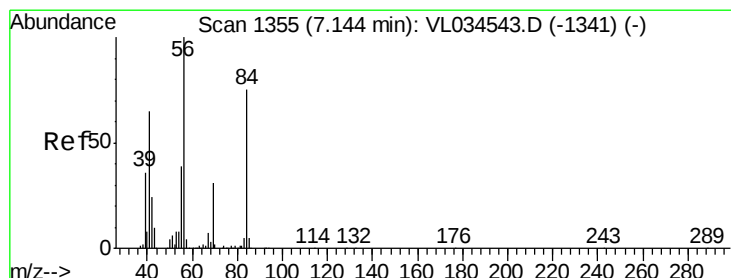
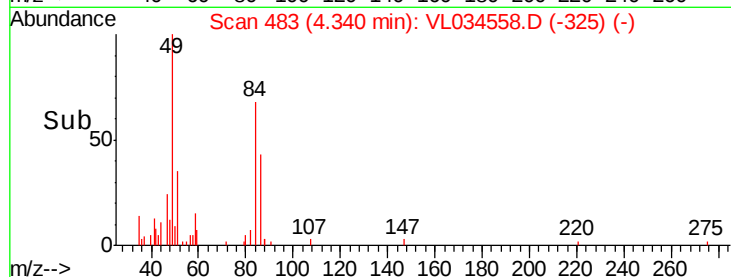
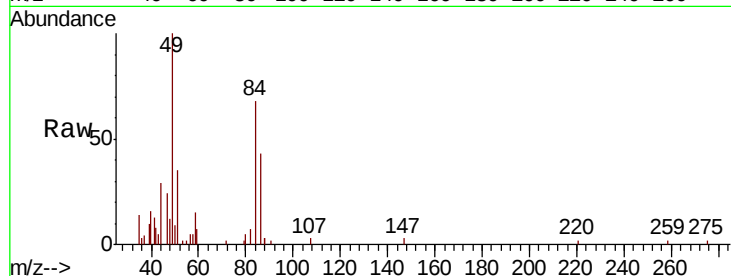
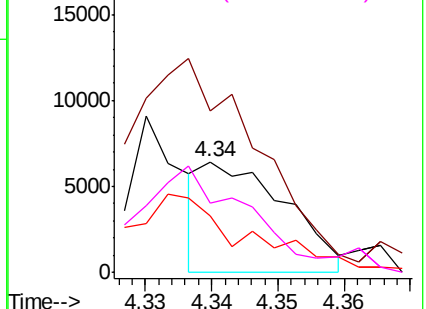
Ion	Ratio	Lower	Upper
84	100		
49	151.8	124.4	186.6
51	43.1	37.0	55.6
86	56.9	50.9	76.3

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



#30

Cyclohexane

Concen: 0.085 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. 0.04 min

Lab File: VL034558.D

Acq: 27 Jan 2020 12:20

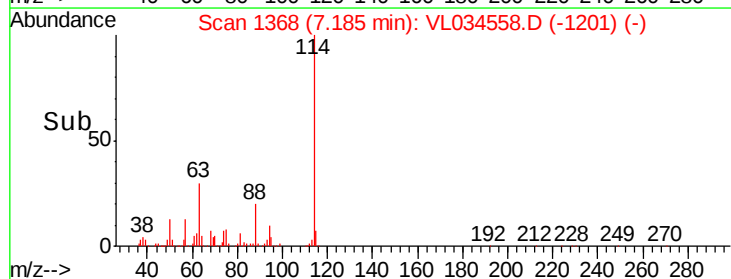
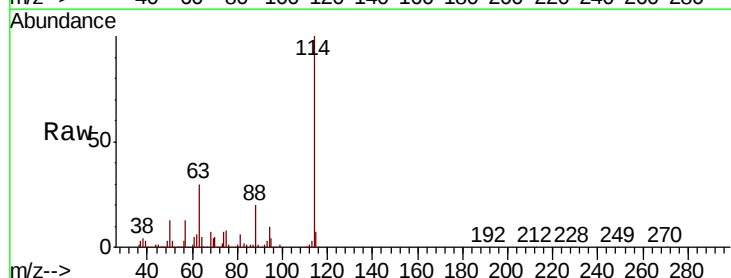
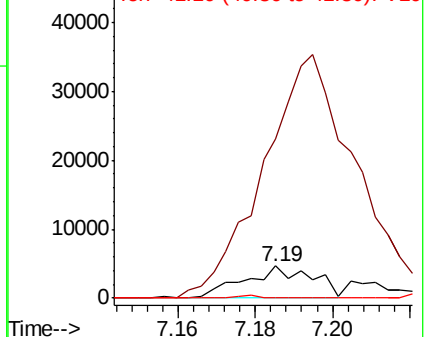
Tgt Ion: 84 Resp: 5719

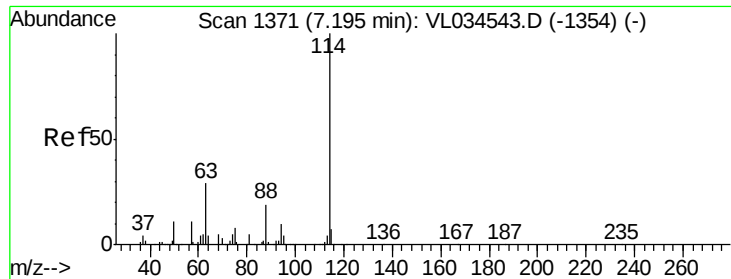
Ion	Ratio	Lower	Upper
84	100		
56	0.0	112.7	169.1#
41	0.0	73.0	109.4#

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

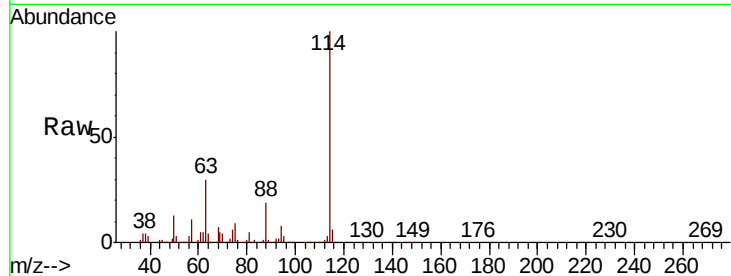




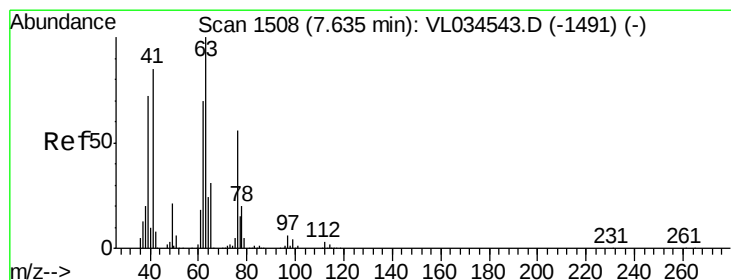
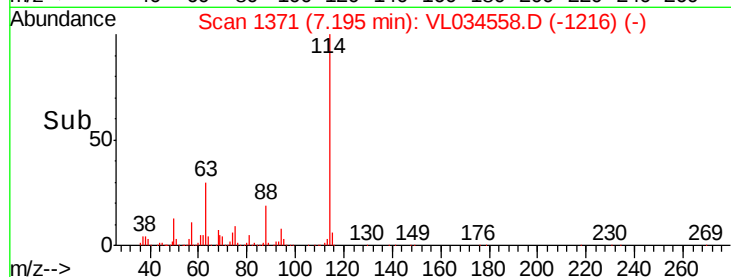
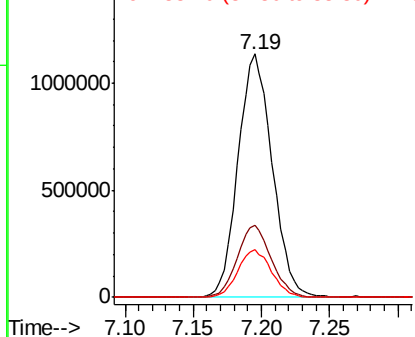
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: VL034558.D
 Acq: 27 Jan 2020 12:20

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 1978253
 Ion Ratio Lower Upper
 114 100
 63 29.5 24.1 36.1
 88 19.4 15.7 23.5

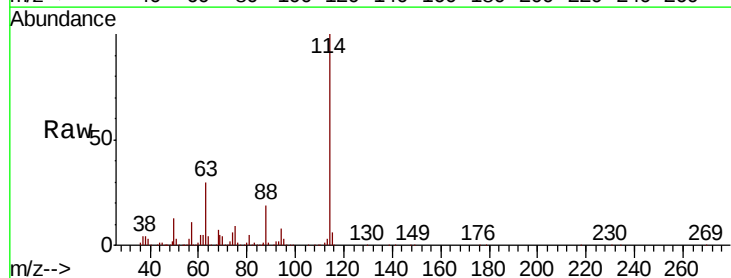


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

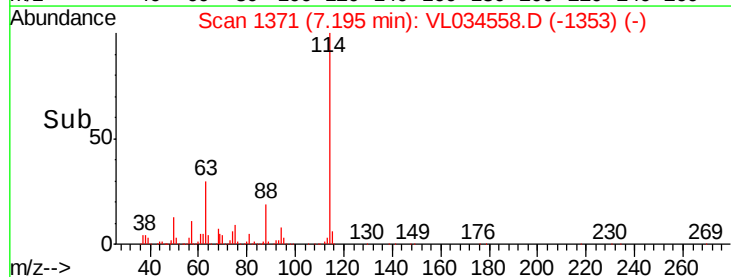
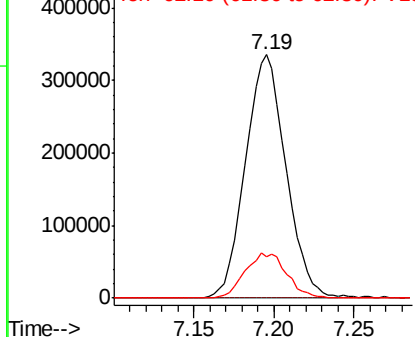


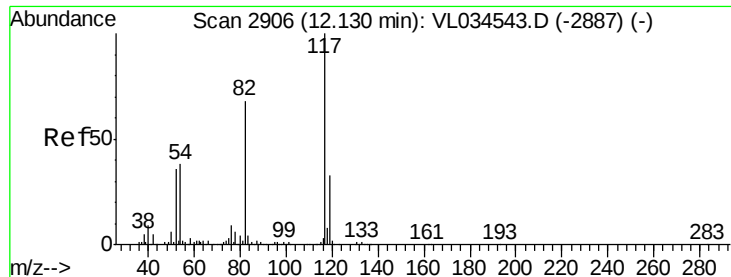
#39
 1,2-Dichloropropane
 Concen: 8.158 ppbv
 RT: 7.19 min Scan# 1371
 Delta R.T. -0.44 min
 Lab File: VL034558.D
 Acq: 27 Jan 2020 12:20

Tgt Ion: 63 Resp: 578447
 Ion Ratio Lower Upper
 63 100
 41 0.0 66.1 99.1#
 62 16.8 54.9 82.3#



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

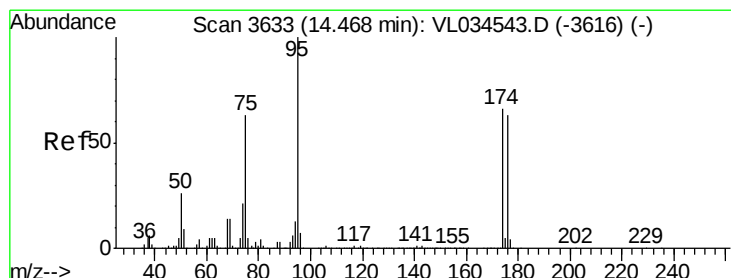
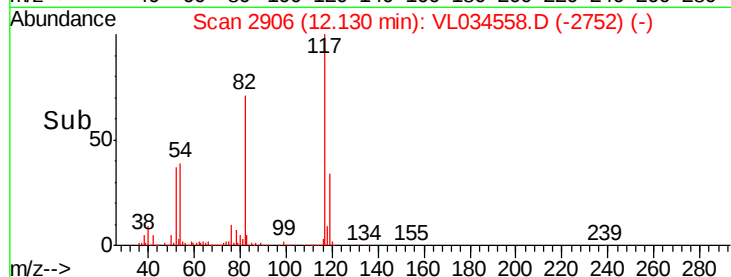
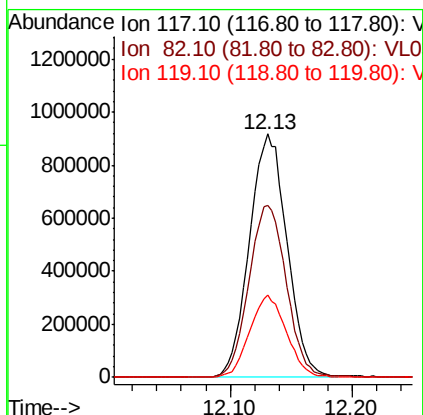
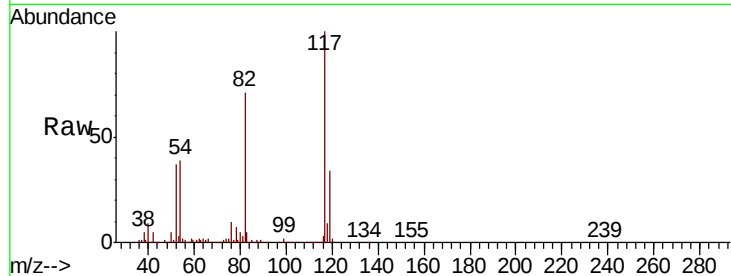




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.00 min
Lab File: VL034558.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 1955588
Ion Ratio Lower Upper
117 100
82 70.8 56.2 84.4
119 33.0 27.1 40.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.015 ppbv
RT: 14.46 min Scan# 3632
Delta R.T. -0.00 min
Lab File: VL034558.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 95 Resp: 1634221
Ion Ratio Lower Upper
95 100
174 65.1 52.4 78.6
175 4.5 3.9 5.9

