

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020420\
Quantitation Report (Not Reviewed)

Data File : VL034578.D
Acq On : 4 Feb 2020 13:18
Operator : SY/AP
Sample : VL0204ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0204ABL01

Quant Time: Feb 05 05:43:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.67	49	1091066	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2206871	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2245334	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1929880	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

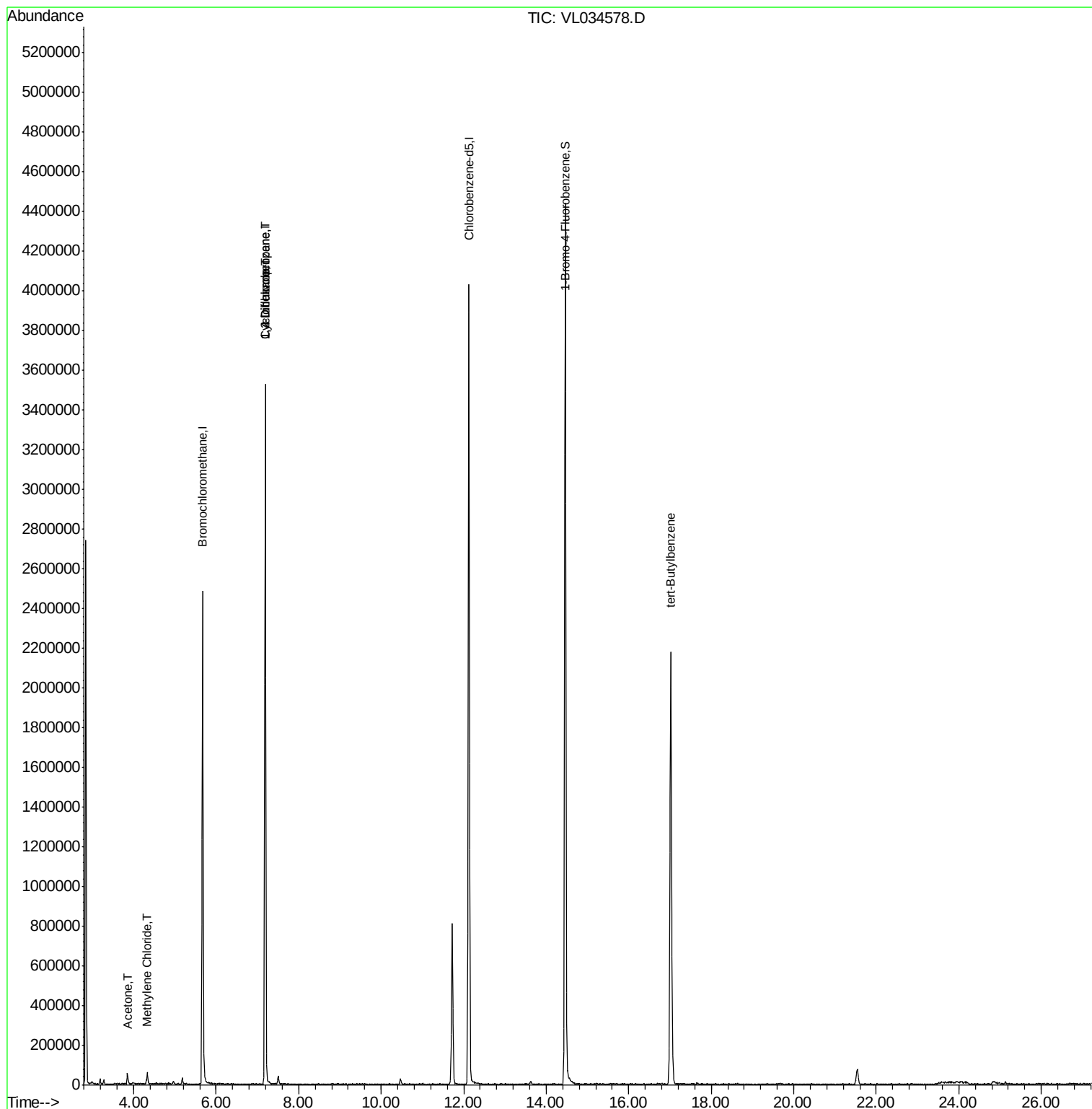
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.85	43	44392	0.277	ppbv #	70
20) Methylene Chloride	4.33	84	15554	0.255	ppbv	89
30) Cyclohexane	7.18	84	4571	0.057	ppbv #	1
39) 1,2-Dichloropropane	7.19	63	659274	8.103	ppbv #	19
65) tert-Butylbenzene	17.01	119	24831	0.079	ppbv #	2

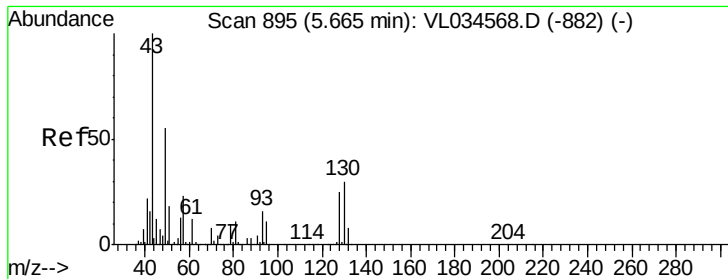
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL034578.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0204ABL01

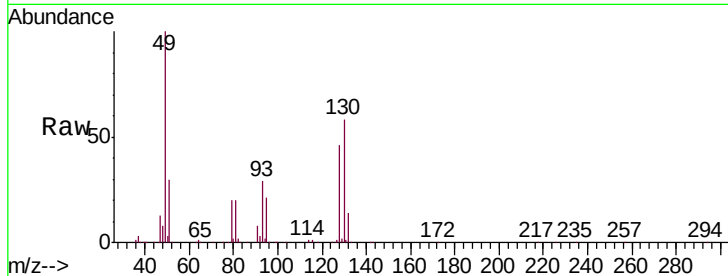
Tgt Ion: 49 Resp: 1091066

Ion Ratio Lower Upper

49 100

128 47.0 22.7 68.1

130 60.5 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

800000

600000

400000

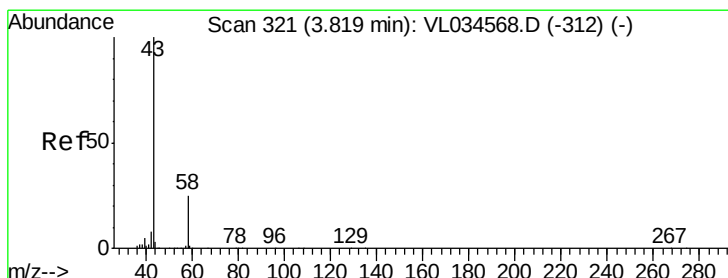
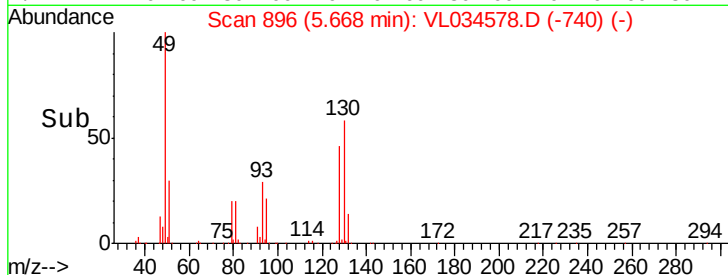
200000

0

5.60 5.65 5.70 5.75

5.67

Time-->



#15

Acetone

Concen: 0.277 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.03 min

Lab File: VL034578.D

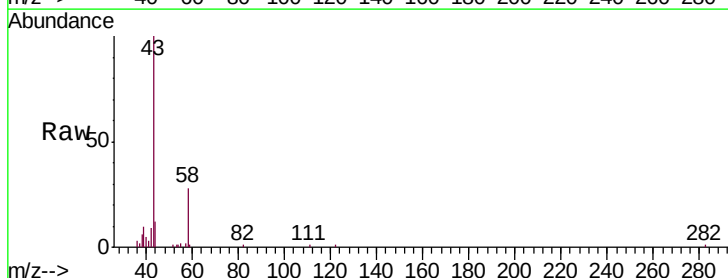
Acq: 4 Feb 2020 13:18

Tgt Ion: 43 Resp: 44392

Ion Ratio Lower Upper

43 100

58 40.3 20.3 30.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

30000

20000

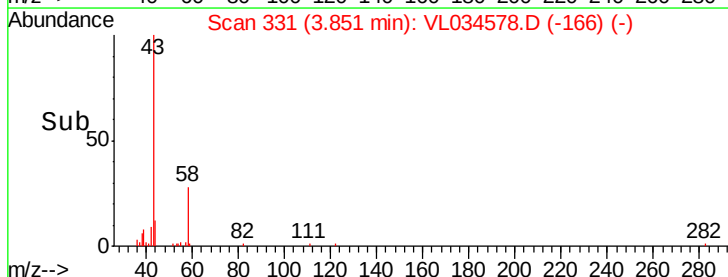
10000

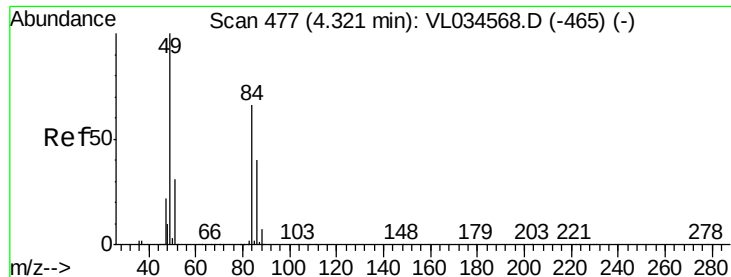
0

3.80 3.85 3.90

3.85

Time-->

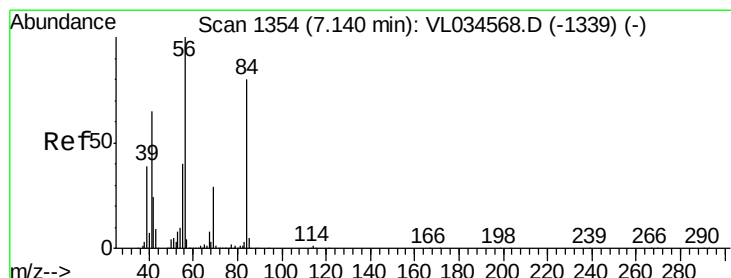
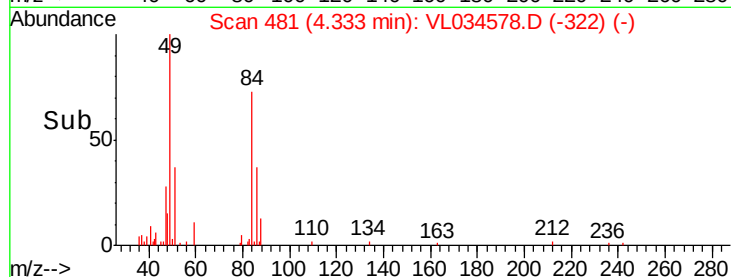
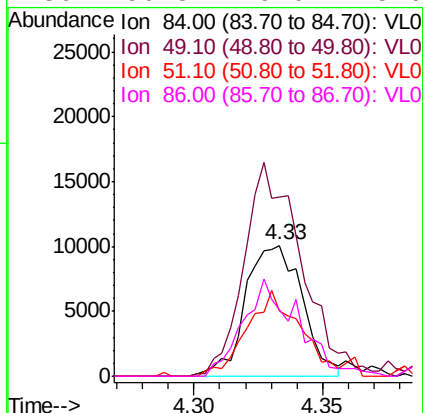
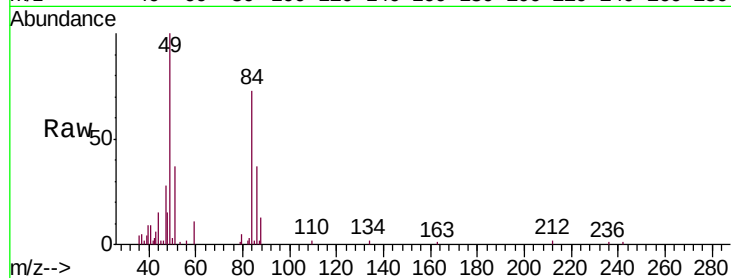




#20
Methylene Chloride
Concen: 0.255 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.01 min
Lab File: VL034578.D
Acq: 4 Feb 2020 13:18

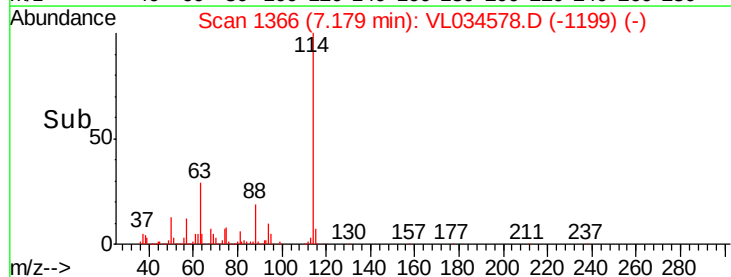
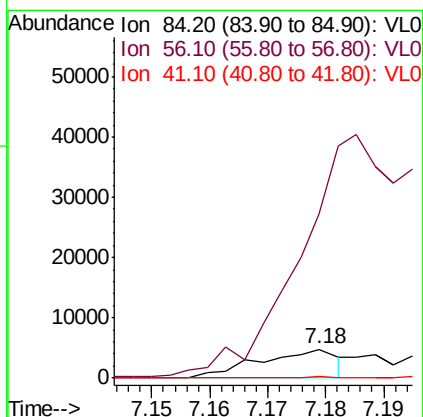
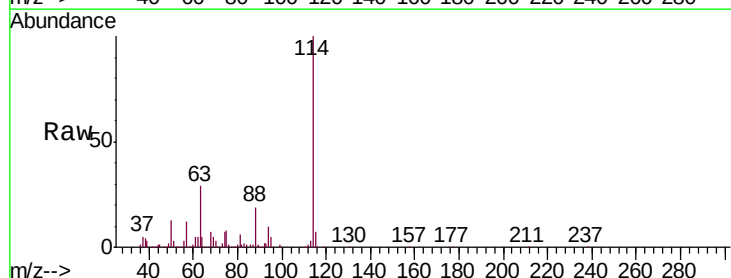
Instrument :
MSVOA_L
ClientSampleId :
VL0204ABL01

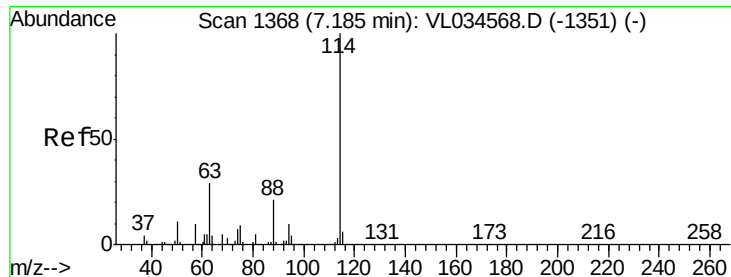
Tgt Ion:	84	Resp:	15554
Ion	Ratio	Lower	Upper
84	100		
49	136.8	122.4	183.6
51	50.0	38.6	57.8
86	50.8	49.0	73.6



#30
Cyclohexane
Concen: 0.057 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.04 min
Lab File: VL034578.D
Acq: 4 Feb 2020 13:18

Tgt Ion:	84	Resp:	4571
Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.5	165.7#
41	0.0	71.9	107.9#

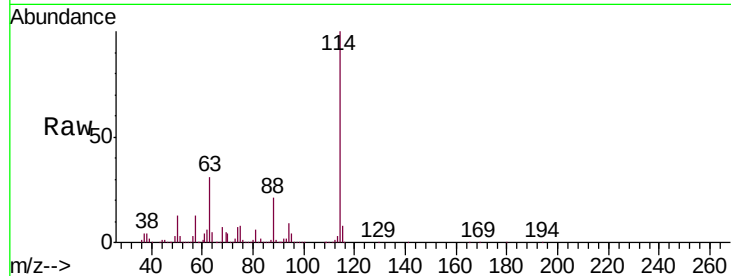




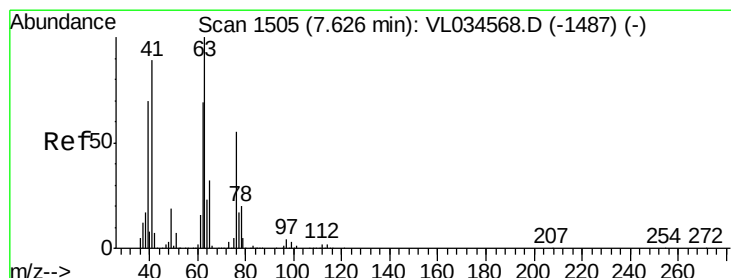
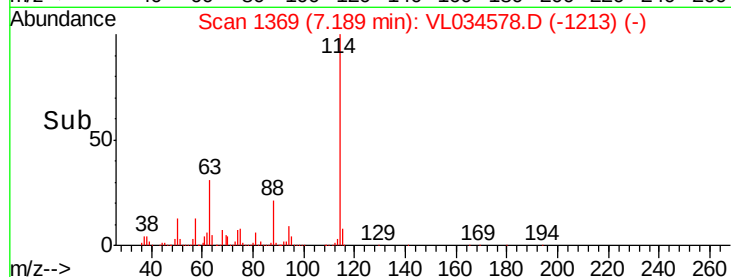
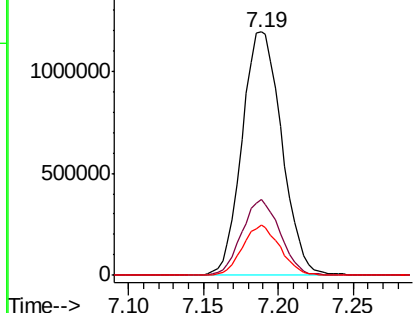
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VL034578.D
 Acq: 4 Feb 2020 13:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0204ABL01

Tgt Ion: 114 Resp: 2206871
 Ion Ratio Lower Upper
 114 100
 63 30.1 24.1 36.1
 88 19.4 15.9 23.9

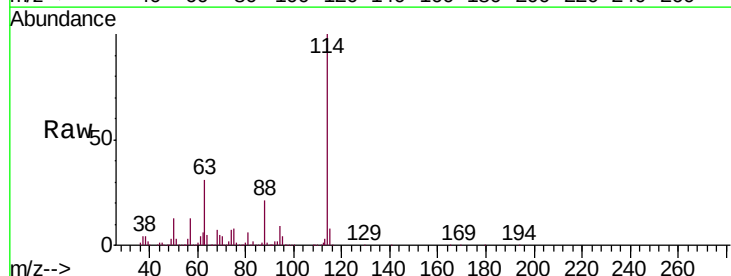


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

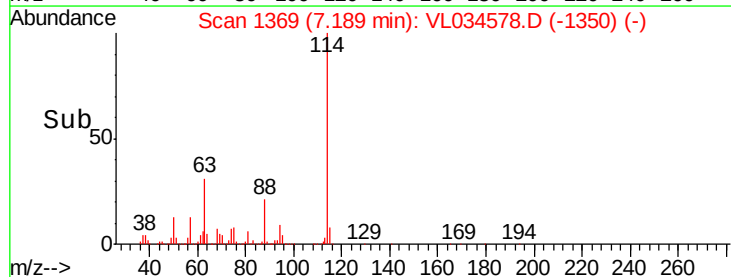
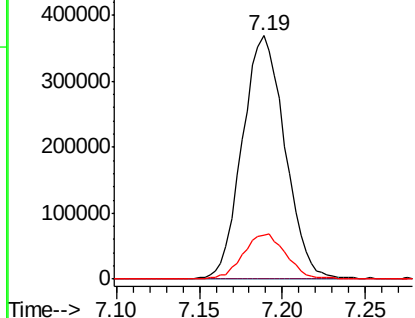


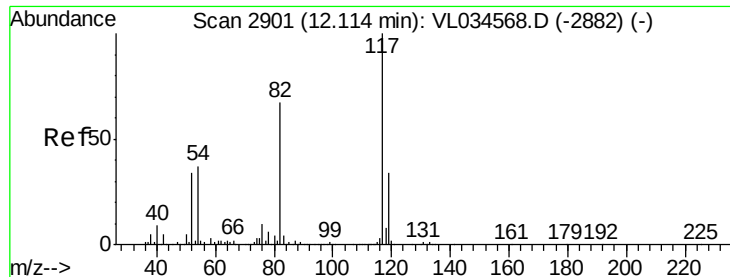
#39
 1,2-Dichloropropane
 Concen: 8.103 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.44 min
 Lab File: VL034578.D
 Acq: 4 Feb 2020 13:18

Tgt Ion: 63 Resp: 659274
 Ion Ratio Lower Upper
 63 100
 41 0.0 71.0 106.4#
 62 18.0 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

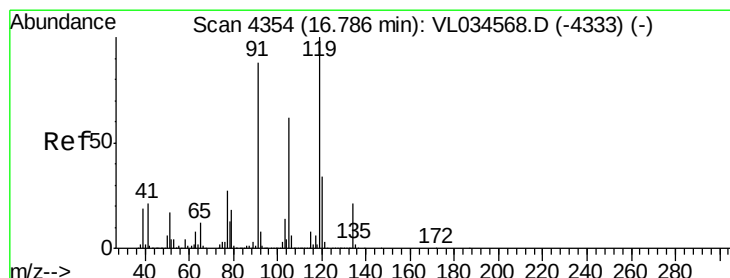
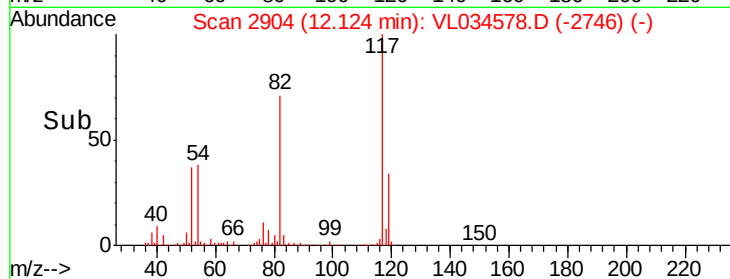
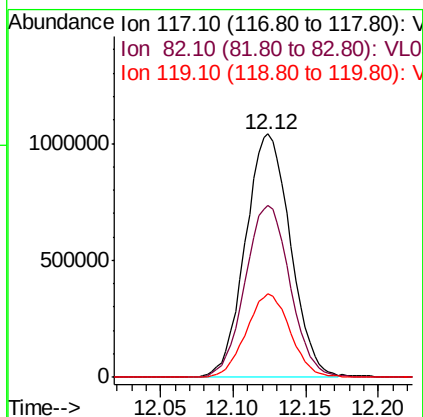
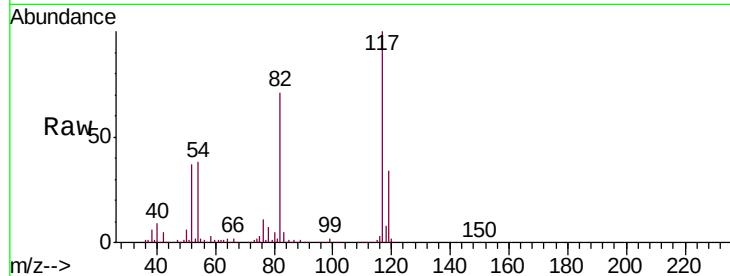




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.01 min
Lab File: VL034578.D
Acq: 4 Feb 2020 13:18

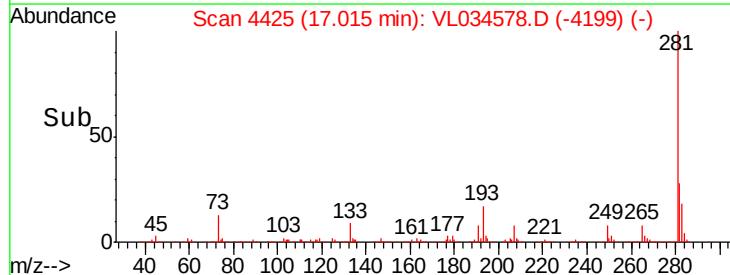
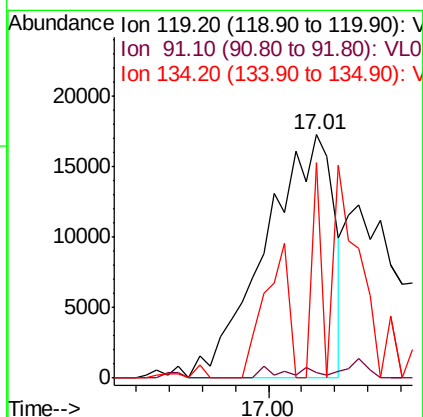
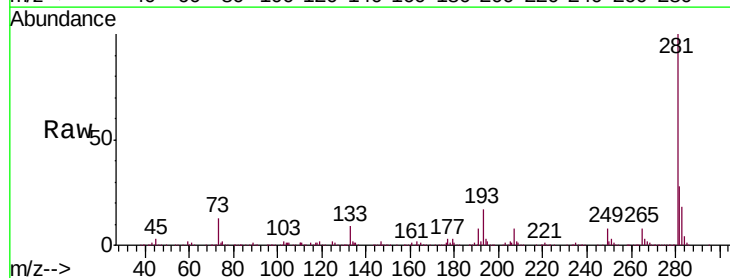
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MSVOA_L
ClientSampleId :
VL0204ABL01

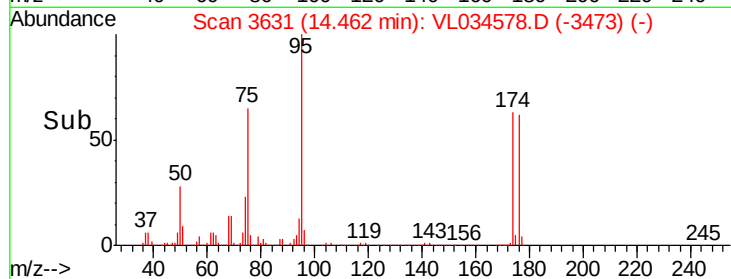
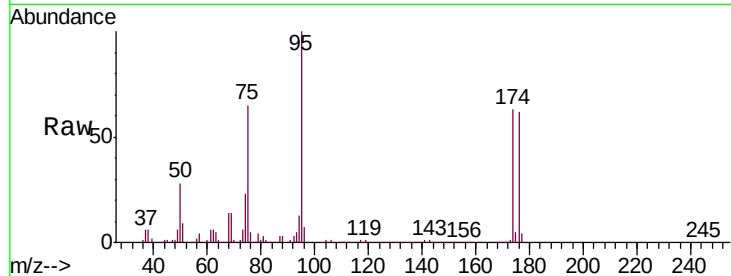
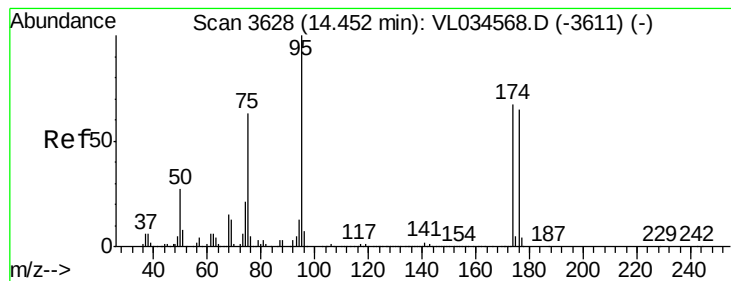
Tgt Ion:117 Resp: 2245334
Ion Ratio Lower Upper
117 100
82 71.1 54.2 81.4
119 33.5 26.1 39.1



#65
tert-Butylbenzene
Concen: 0.079 ppbv
RT: 17.01 min Scan# 4425
Delta R.T. 0.23 min
Lab File: VL034578.D
Acq: 4 Feb 2020 13:18

Tgt Ion:119 Resp: 24831
Ion Ratio Lower Upper
119 100
91 1.4 72.2 108.4#
134 71.7 15.9 23.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.170 ppbv

RT: 14.46 min Scan# 3631

Delta R.T. 0.01 min

Lab File: VL034578.D

Acq: 4 Feb 2020 13:18

Instrument :

MSVOA_L

ClientSampleId :

VL0204ABL01

Tgt Ion: 95 Resp: 1929880

Ion Ratio Lower Upper

95 100

174 64.4 52.3 78.5

175 4.7 3.8 5.6

