

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070820\
 Data File : VL035187.D
 Acq On : 8 Jul 2020 16:27
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 08 17:51:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.66	49	1100244	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2658615	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2444746	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2044385	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

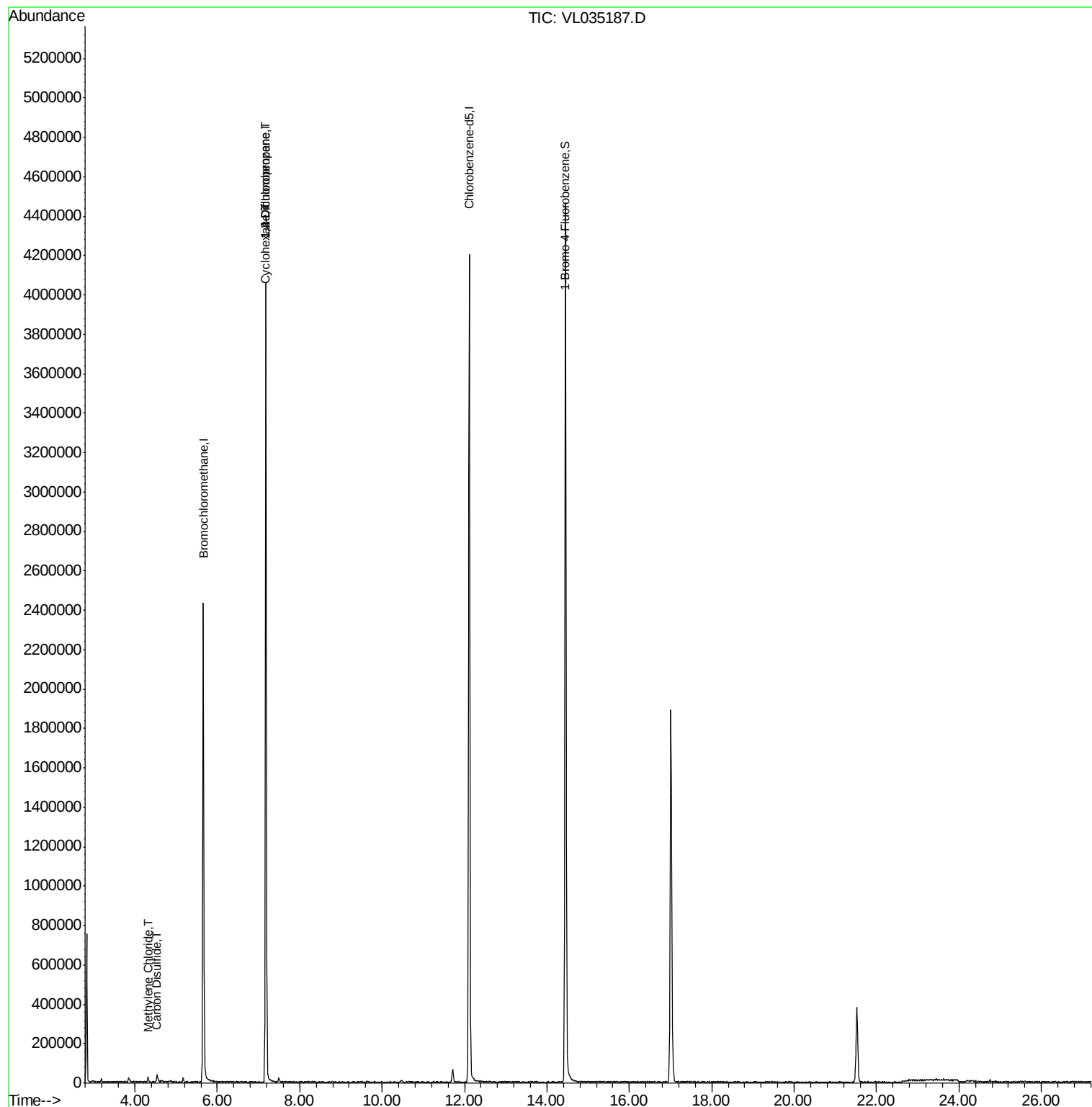
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.31	84	3779	0.058	ppbv #	38
27) Carbon Disulfide	4.52	76	15231	0.107	ppbv #	64
30) Cyclohexane	7.16	84	10182	0.135	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	718988	9.396	ppbv #	24

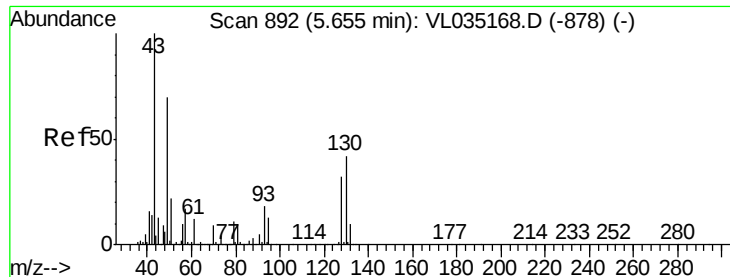
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. 0.00 min

Lab File: VL035187.D

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MSVOA_L

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VIBLK

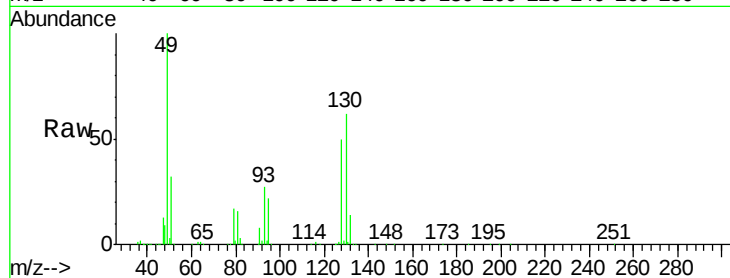
Tgt Ion: 49 Resp: 1100244

Ion Ratio Lower Upper

49 100

128 48.8 23.8 71.4

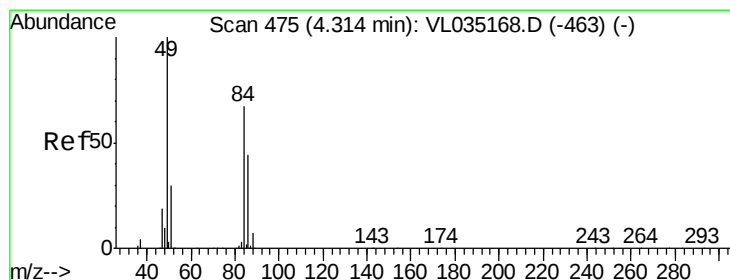
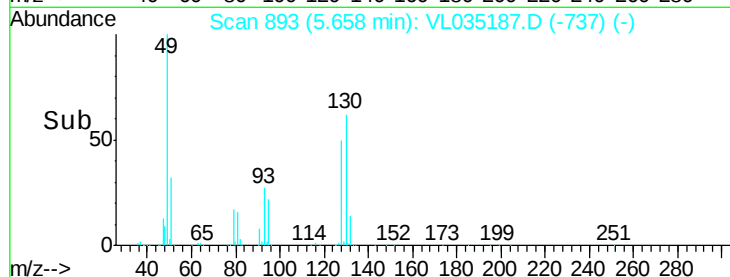
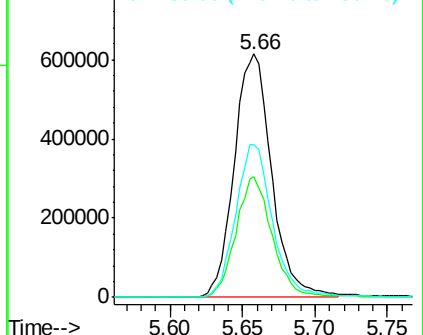
130 62.7 29.9 89.8



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



#20

Methylene Chloride

Concen: 0.058 ppbv

RT: 4.31 min Scan# 475

Delta R.T. -0.00 min

Lab File: VL035187.D

Acq: 8 Jul 2020 16:27

Tgt Ion: 84 Resp: 3779

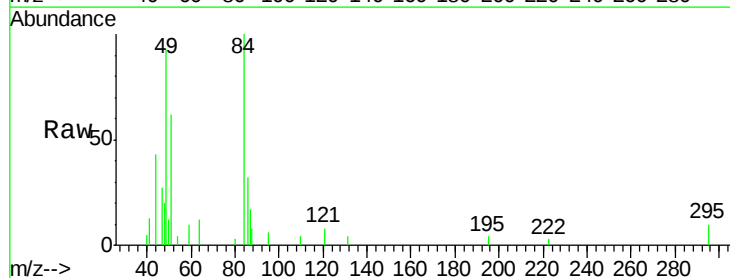
Ion Ratio Lower Upper

84 100

49 54.4 119.4 179.0#

51 41.0 36.6 55.0

86 10.7 52.5 78.7#

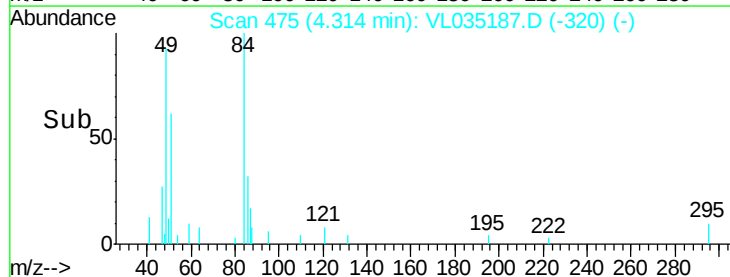
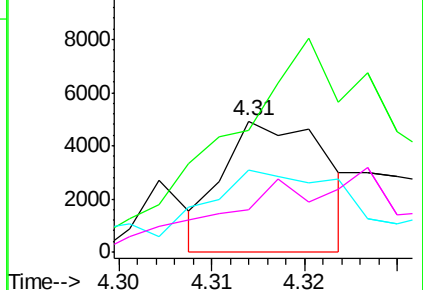


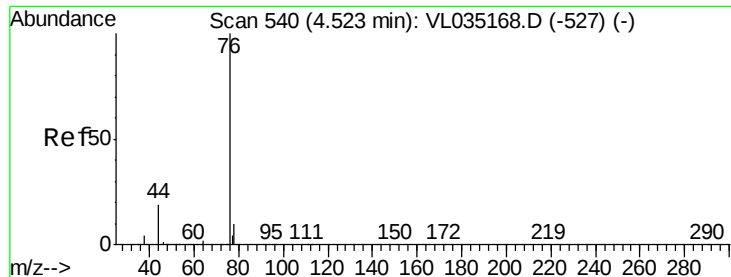
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





#27

Carbon Disulfide

Concen: 0.107 ppbv

RT: 4.52 min Scan# 540

Delta R.T. -0.00 min

Lab File: VL035187.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

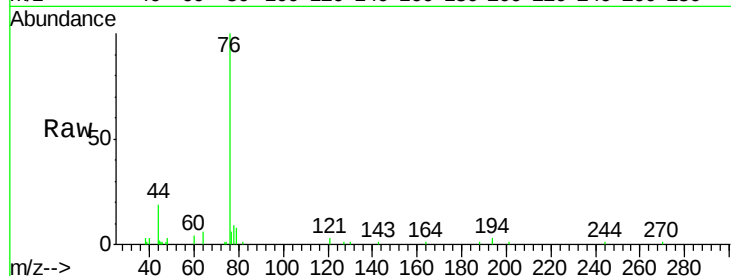
Tgt Ion: 76 Resp: 15231

Ion Ratio Lower Upper

76 100

44 0.0 14.9 22.3#

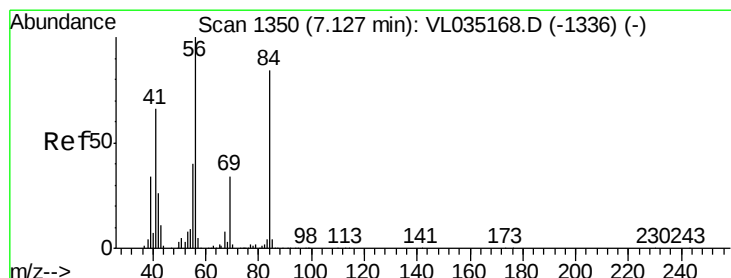
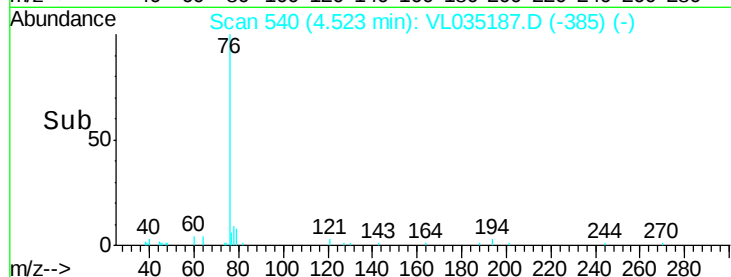
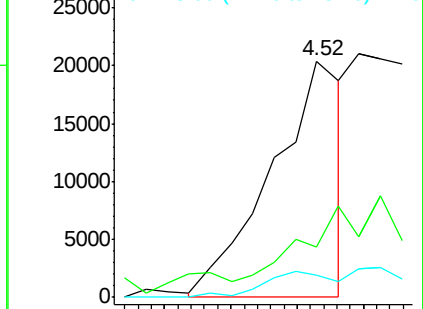
78 0.0 7.5 11.3#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#30

Cyclohexane

Concen: 0.135 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. 0.04 min

Lab File: VL035187.D

Acq: 8 Jul 2020 16:27

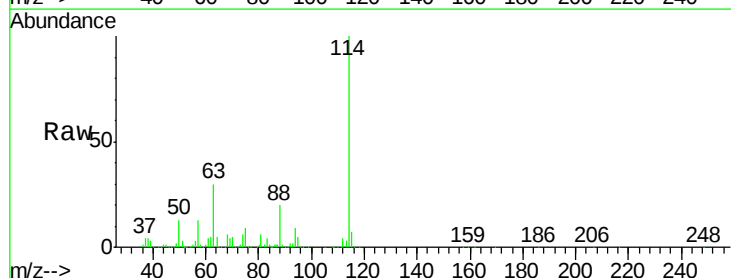
Tgt Ion: 84 Resp: 10182

Ion Ratio Lower Upper

84 100

56 700.6 105.6 158.4#

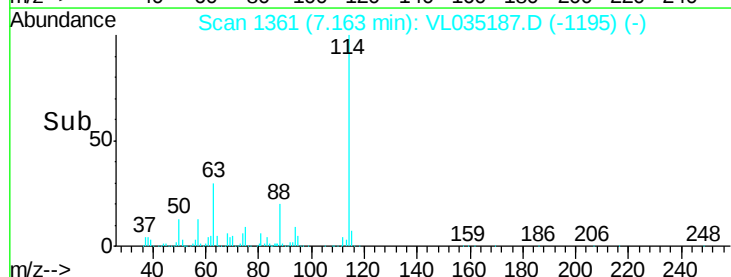
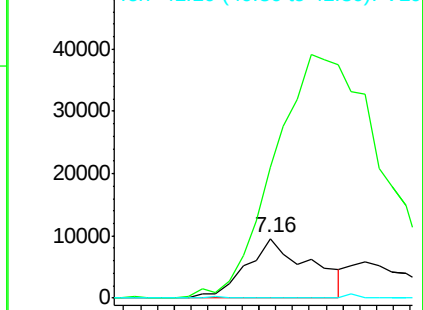
41 2.7 64.9 97.3#

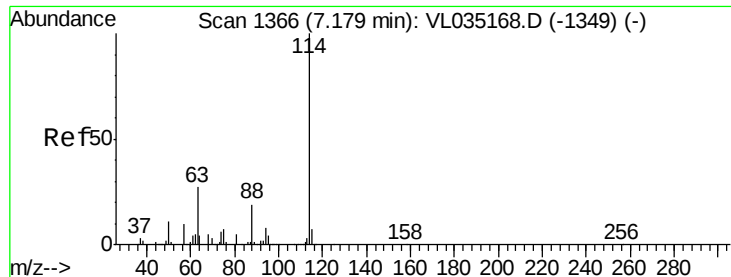


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

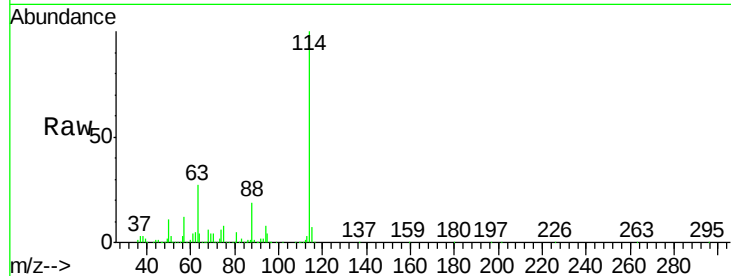




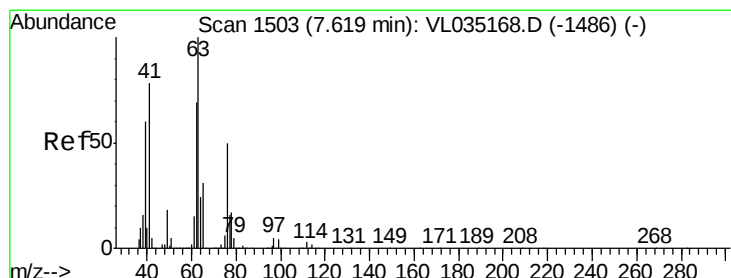
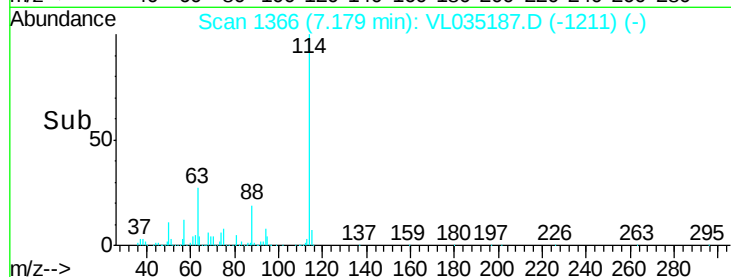
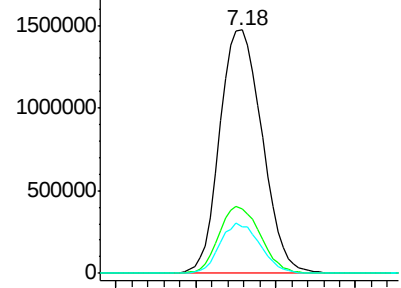
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: VL035187.D
 Acq: 8 Jul 2020 16:27

Instrument :
 MSVOA_L
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 VIBLK

Tgt Ion: 114 Resp: 2658615
 Ion Ratio Lower Upper
 114 100
 63 27.3 22.0 33.0
 88 19.7 15.4 23.0

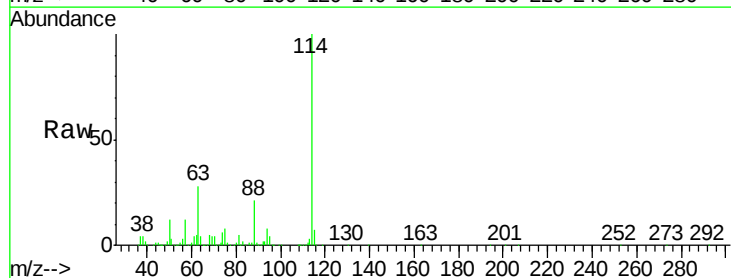


Abundance Ion 114.10 (113.80 to 114.80): V
 2000000
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

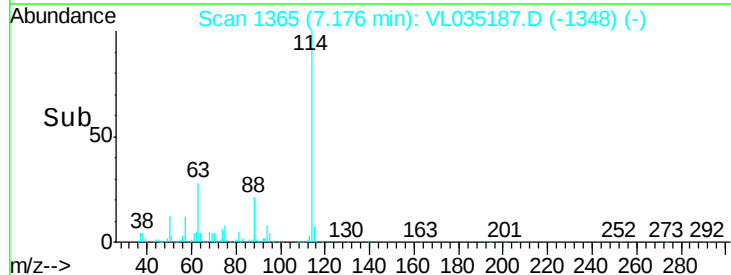
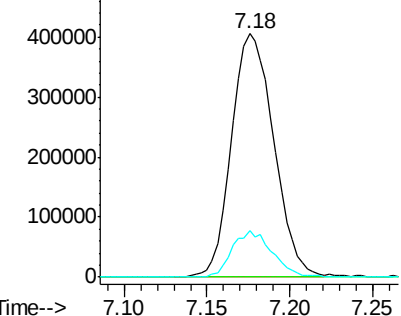


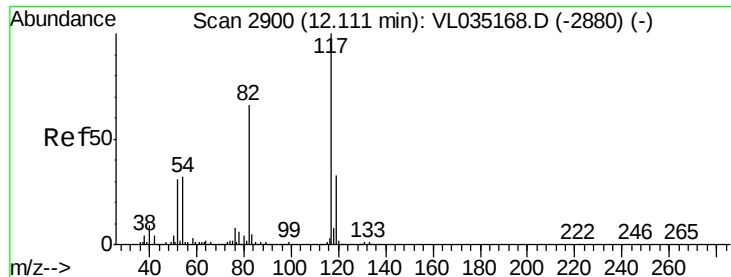
#39
 1,2-Dichloropropane
 Concen: 9.396 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.44 min
 Lab File: VL035187.D
 Acq: 8 Jul 2020 16:27

Tgt Ion: 63 Resp: 718988
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.6 94.0#
 62 19.2 55.0 82.6#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 500000
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

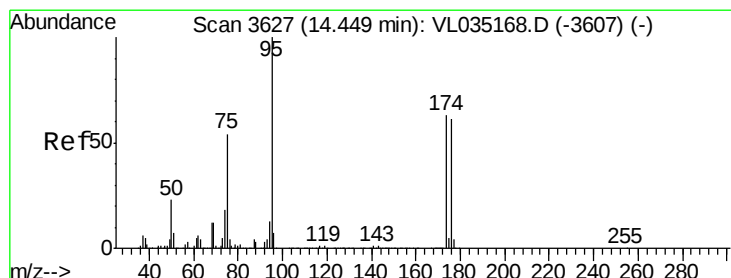
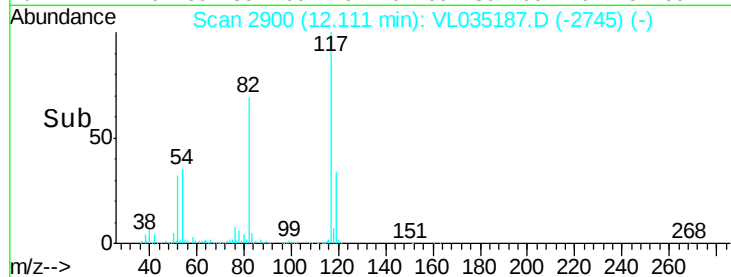
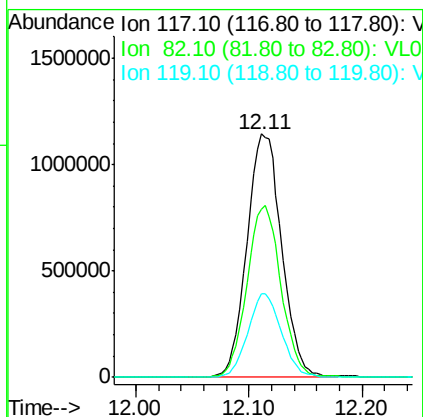
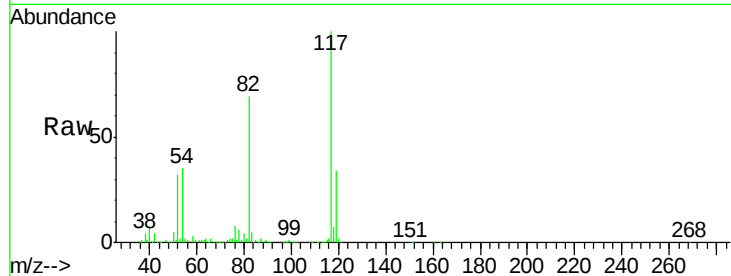




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL035187.D
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Instrument :
MSVOA_L
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VIBLK

Tgt Ion: 117 Resp: 2444746
Ion Ratio Lower Upper
117 100
82 69.3 52.3 78.5
119 33.1 24.9 37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.294 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.00 min
Lab File: VL035187.D
Acq: 8 Jul 2020 16:27

Tgt Ion: 95 Resp: 2044385
Ion Ratio Lower Upper
95 100
174 64.3 52.2 78.2
175 4.6 4.0 6.0

