

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071620\
 Data File : VL035206.D
 Acq On : 16 Jul 2020 23:00
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 17 06:54:29 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	5.64	49	1008691	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2423490	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	2265926	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1894291	10.29	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

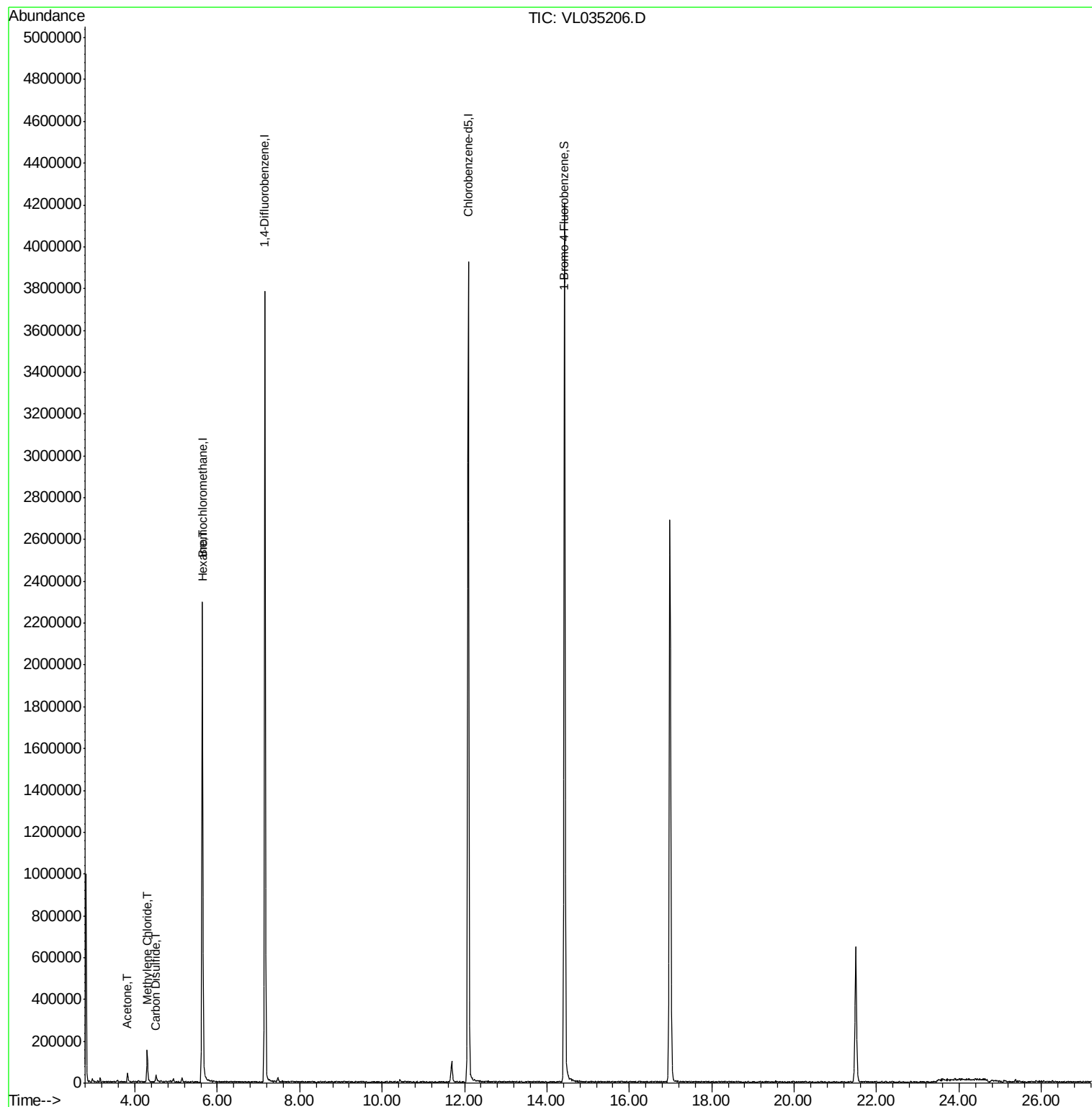
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.82	43	34851	0.255	ppbv #	70
20) Methylene Chloride	4.30	84	47802	0.804	ppbv #	87
26) Hexane	5.65	57	12894m	0.138	ppbv	
27) Carbon Disulfide	4.51	76	27241	0.209	ppbv #	45

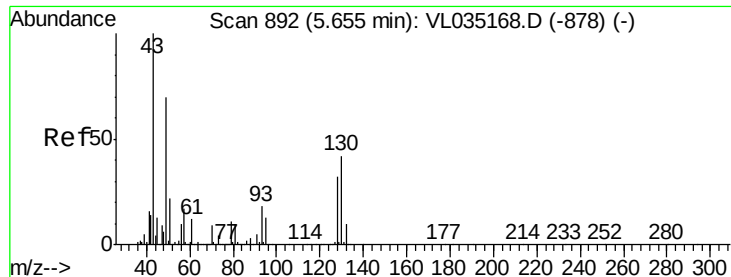
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 886

Delta R.T. -0.02 min

Lab File: VL035206.D

Acq: 16 Jul 2020 23:00

Instrument :

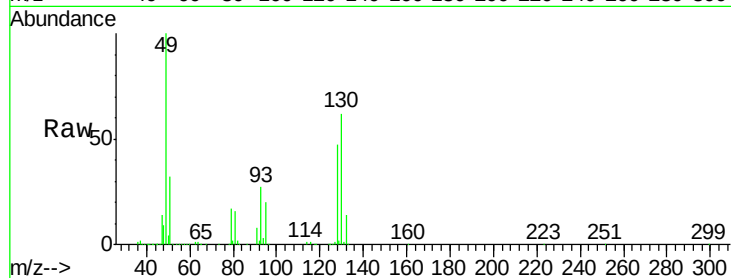
MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1008691

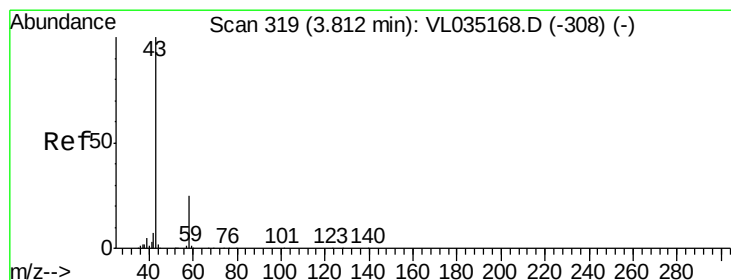
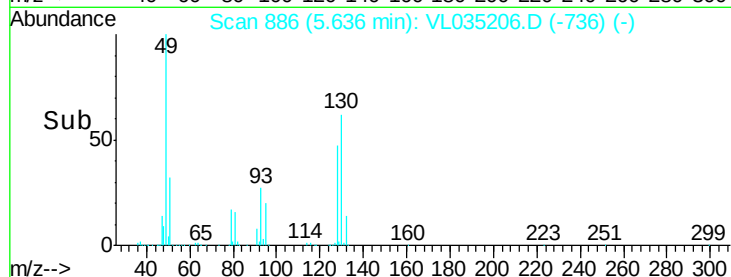
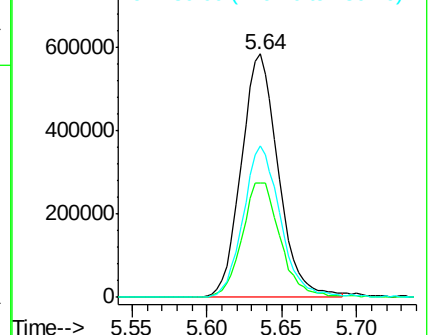
Ion	Ratio	Lower	Upper
49	100		
128	48.6	23.8	71.4
130	62.7	29.9	89.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.255 ppbv

RT: 3.82 min Scan# 321

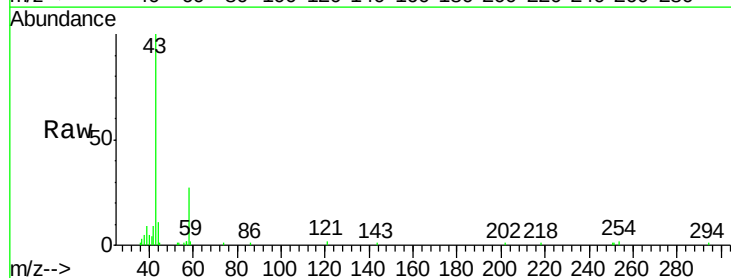
Delta R.T. 0.01 min

Lab File: VL035206.D

Acq: 16 Jul 2020 23:00

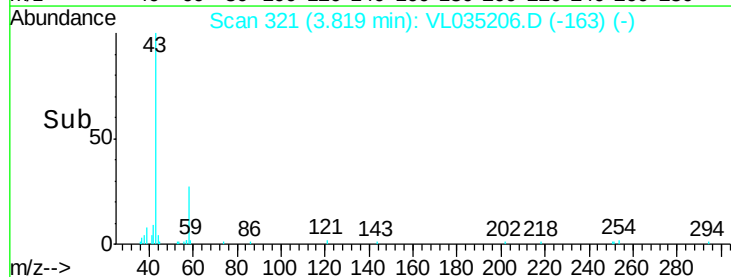
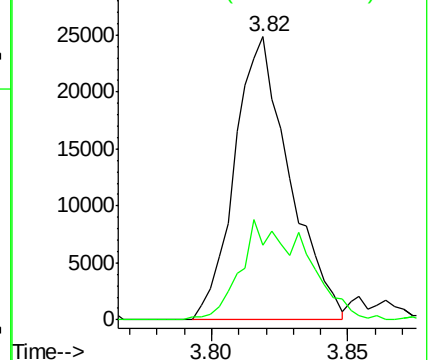
Tgt Ion: 43 Resp: 34851

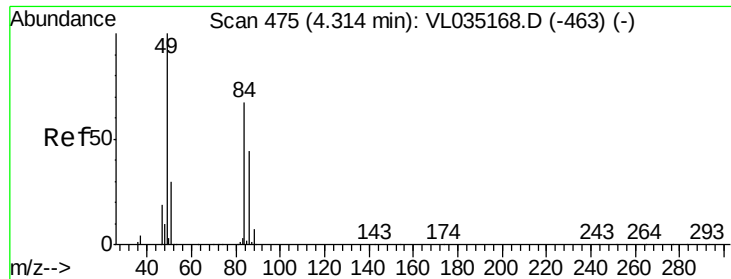
Ion	Ratio	Lower	Upper
43	100		
58	42.0	21.3	31.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

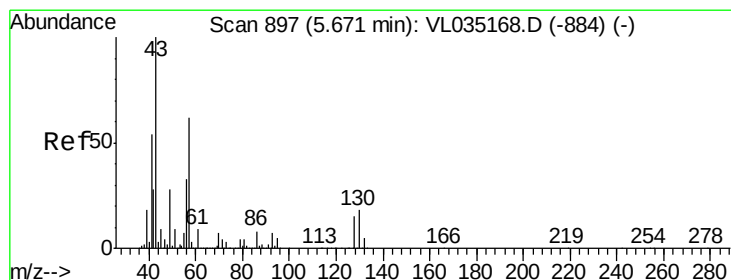
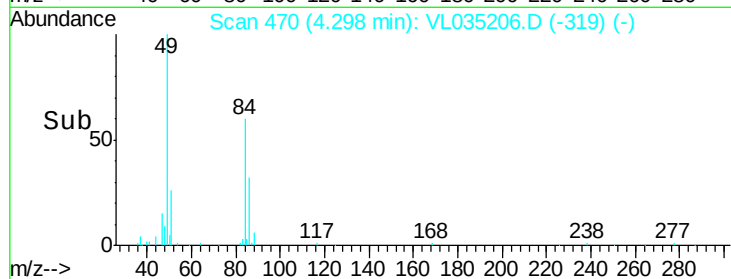
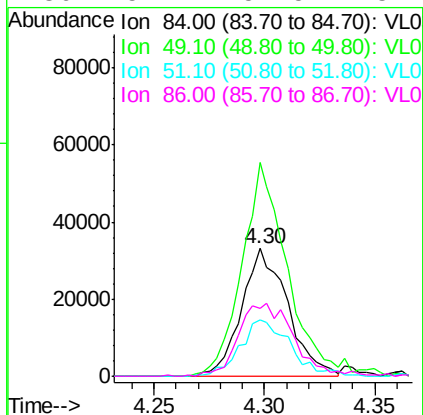
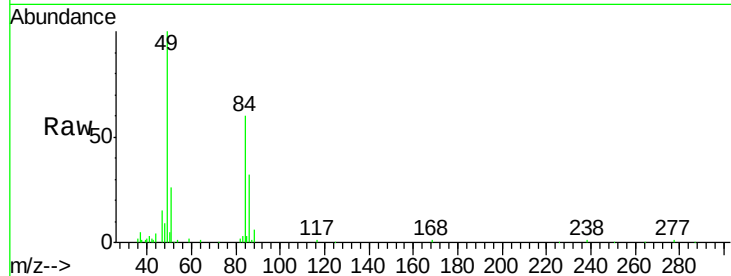




#20
Methylene Chloride
Concen: 0.804 ppbv
RT: 4.30 min Scan# 470
Delta R.T. -0.02 min
Lab File: VL035206.D
Acq: 16 Jul 2020 23:00

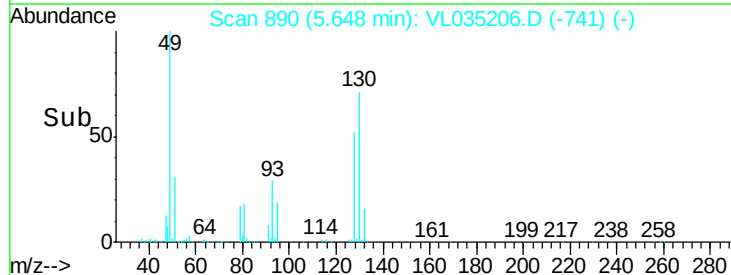
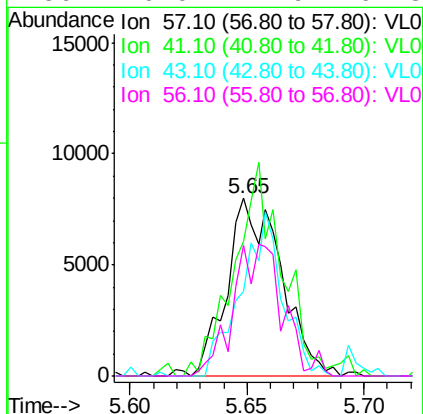
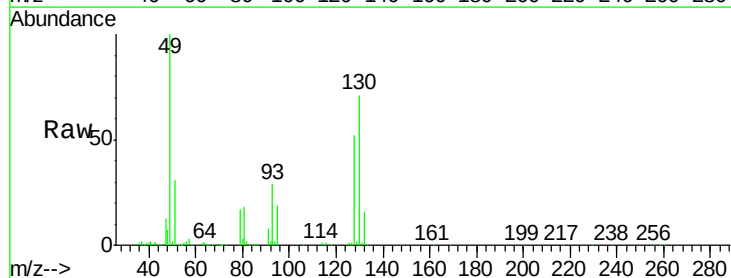
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

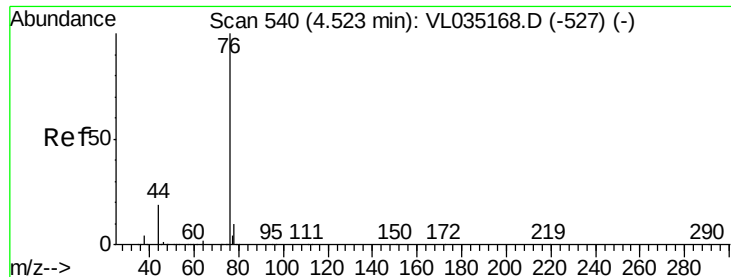
Tot Ion: 84 Resp: 47802
Ion Ratio Lower Upper
84 100
49 167.6 119.4 179.0
51 43.9 36.6 55.0
86 52.2 52.5 78.7#



#26
Hexane
Concen: 0.138 ppbv m
RT: 5.65 min Scan# 890
Delta R.T. -0.02 min
Lab File: VL035206.D
Acq: 16 Jul 2020 23:00

Tgt Ion: 57 Resp: 12894
Ion Ratio Lower Upper
57 100
41 0.0 72.9 109.3#
43 0.0 179.5 269.3#
56 0.0 42.9 64.3#





#27

Carbon Disulfide

Concen: 0.209 ppbv

RT: 4.51 min Scan# 536

Delta R.T. -0.01 min

Lab File: VL035206.D

Acq: 16 Jul 2020 23:00

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

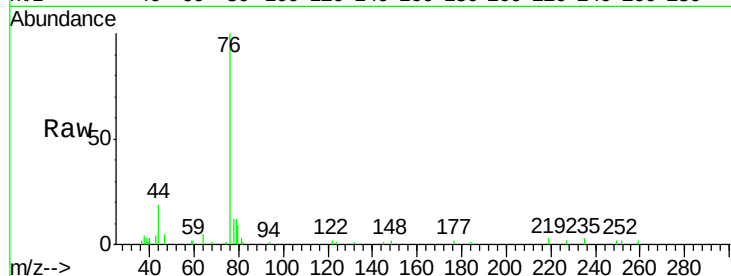
Tot Ion: 76 Resp: 27241

Ion Ratio Lower Upper

76 100

44 54.3 14.9 22.3#

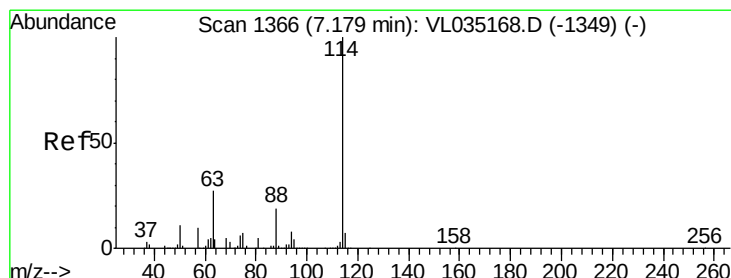
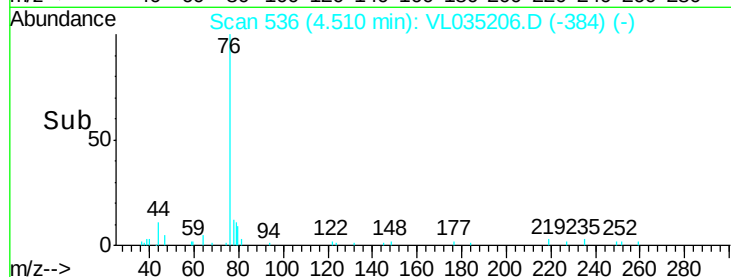
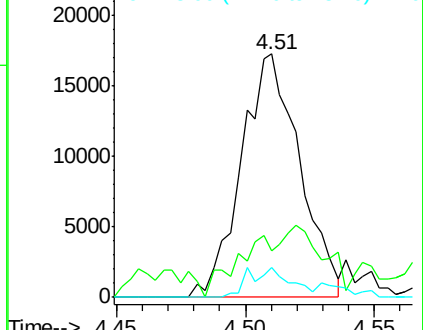
78 11.8 7.5 11.3#



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. -0.02 min

Lab File: VL035206.D

Acq: 16 Jul 2020 23:00

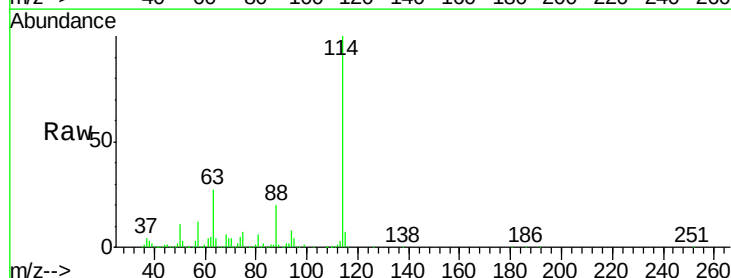
Tgt Ion: 114 Resp: 2423490

Ion Ratio Lower Upper

114 100

63 27.5 22.0 33.0

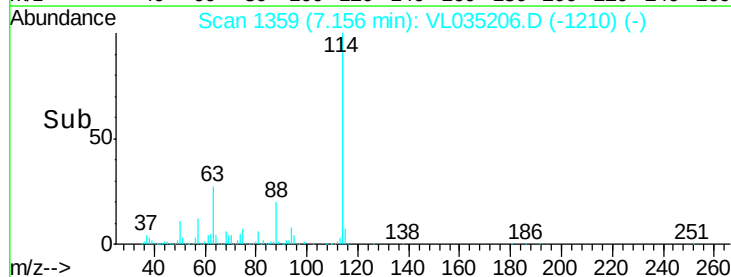
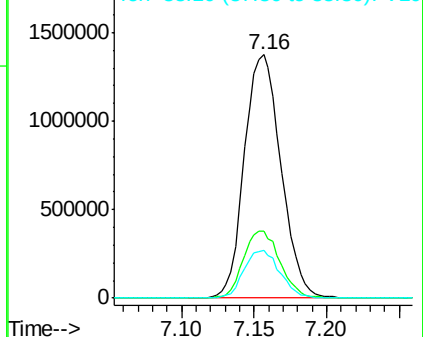
88 19.4 15.4 23.0

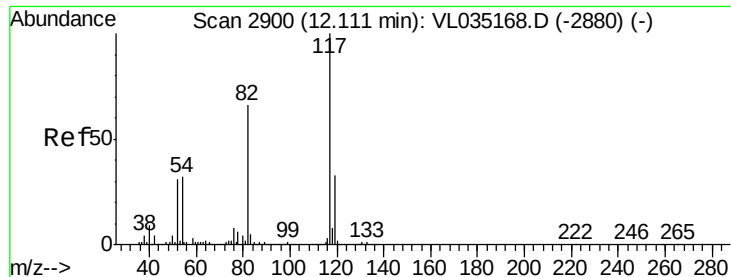


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

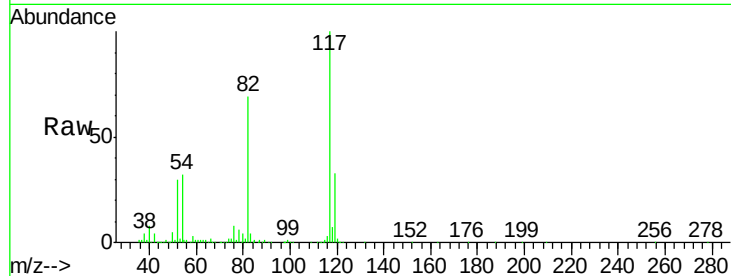




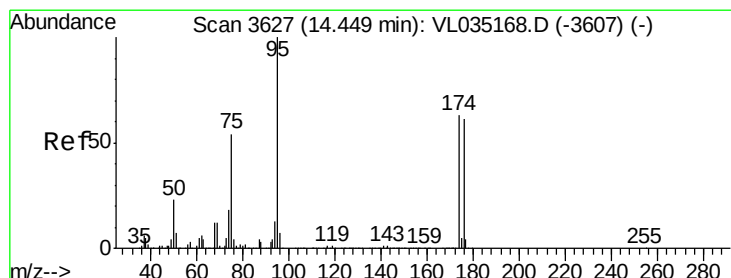
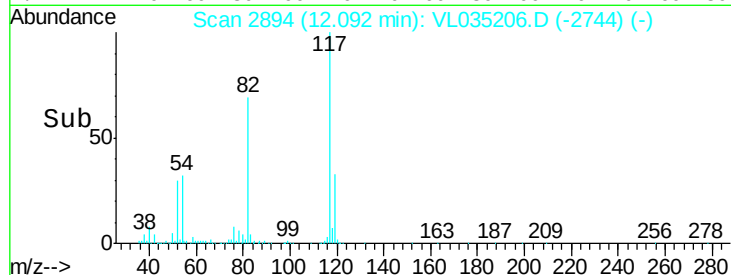
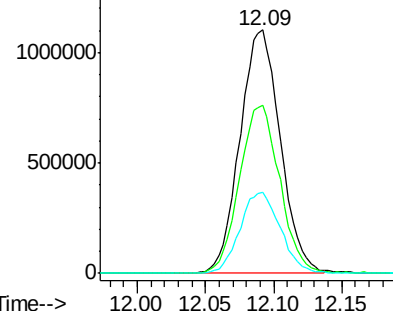
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.02 min
Lab File: VL035206.D
Acq: 16 Jul 2020 23:00

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:117 Resp: 2265926
Ion Ratio Lower Upper
117 100
82 69.2 52.3 78.5
119 33.5 24.9 37.3

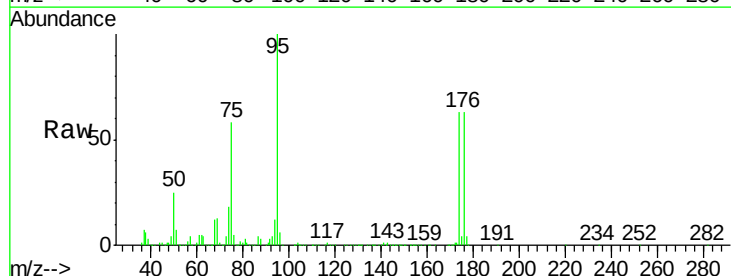


Abundance Ion 117.10 (116.80 to 117.80): V
1500000
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.291 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. -0.02 min
Lab File: VL035206.D
Acq: 16 Jul 2020 23:00

Tgt Ion: 95 Resp: 1894291
Ion Ratio Lower Upper
95 100
174 63.7 52.2 78.2
175 4.8 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0
1200000
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

