

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL036024.D
 Acq On : 25 Nov 2020 10:30
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 26 01:14:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1315879	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	5003541	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4615290	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3437472	10.48	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.80%

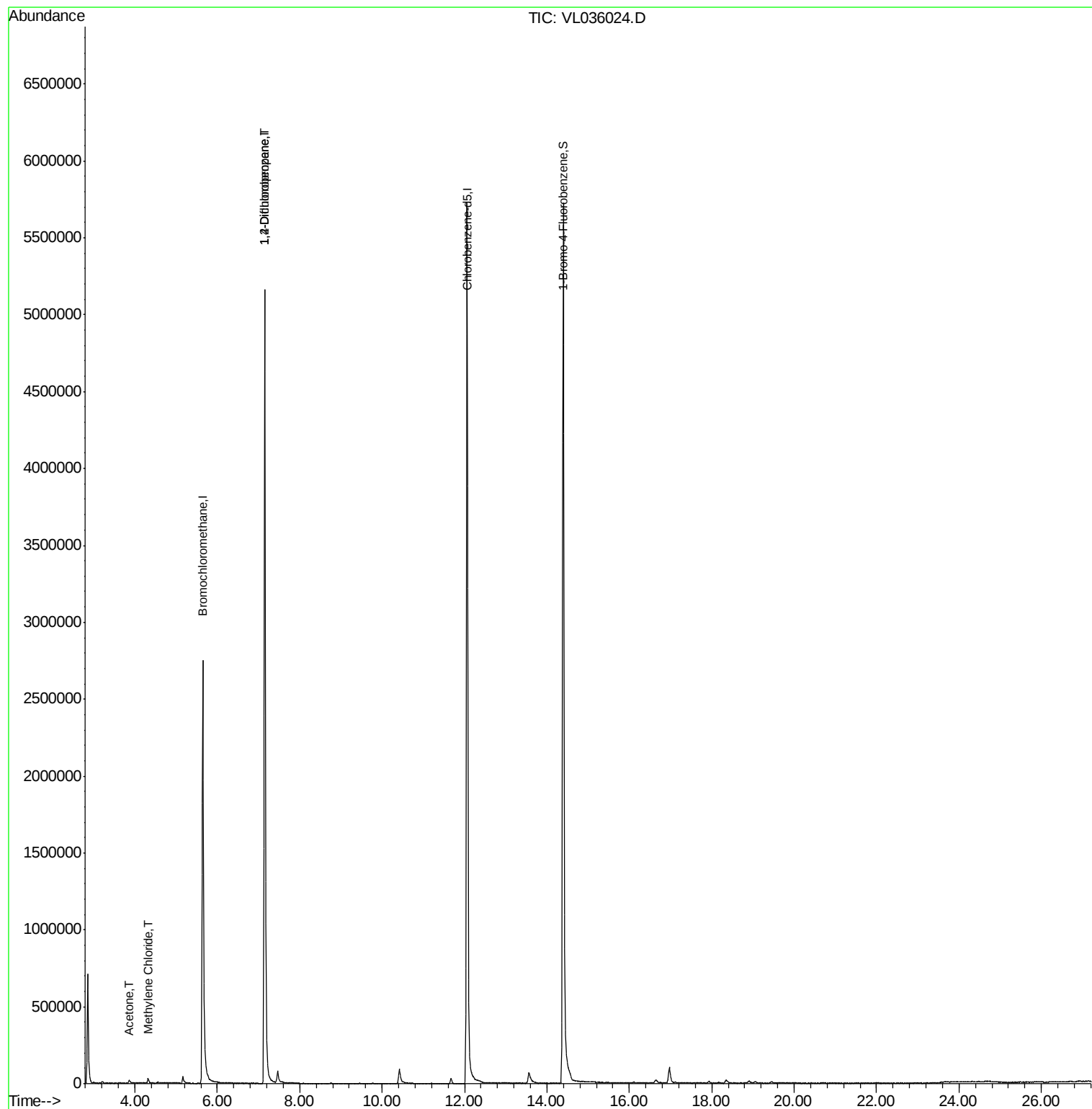
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	15830	0.113	ppbv #	1
20) Methylene Chloride	4.33	84	16782	0.169	ppbv #	92
39) 1,2-Dichloropropane	7.15	63	972846	7.768	ppbv #	30

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL036024.D

Acq: 25 Nov 2020 10:30

Instrument :

MSVOA_L

ClientSampleId :

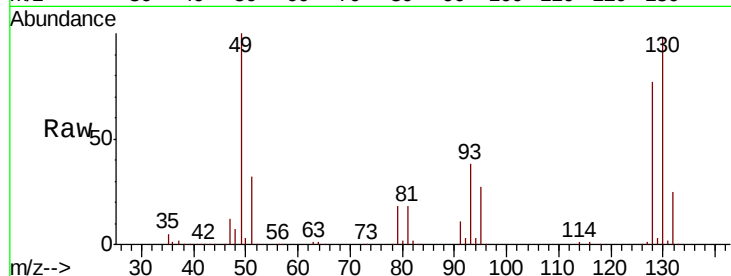
Tot Ion: 49 Resp: 1315879

Ion Ratio Lower Upper

49 100

128 79.3 41.5 124.6

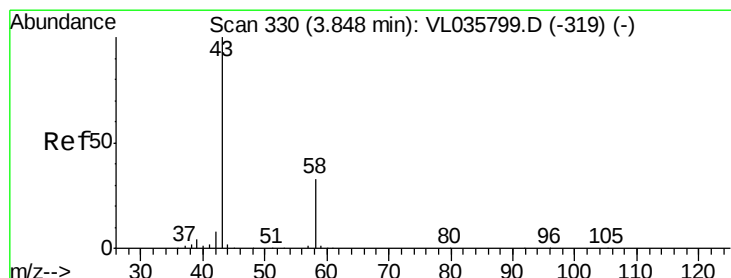
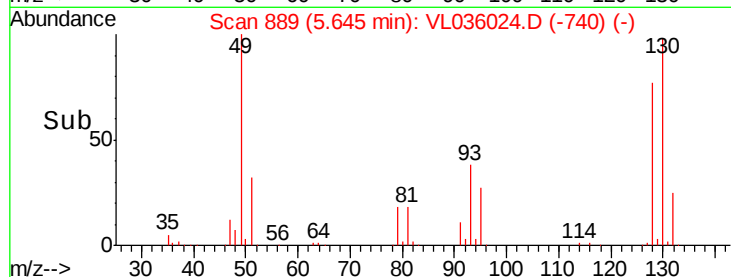
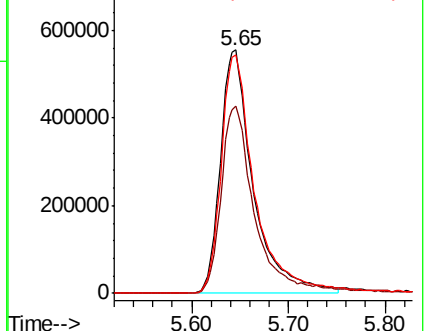
130 102.6 53.7 161.1



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: 0.113 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL036024.D

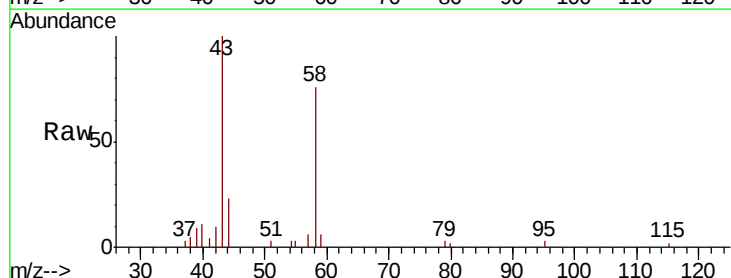
Acq: 25 Nov 2020 10:30

Tgt Ion: 43 Resp: 15830

Ion Ratio Lower Upper

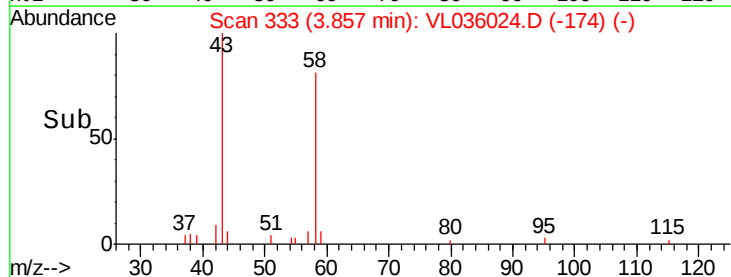
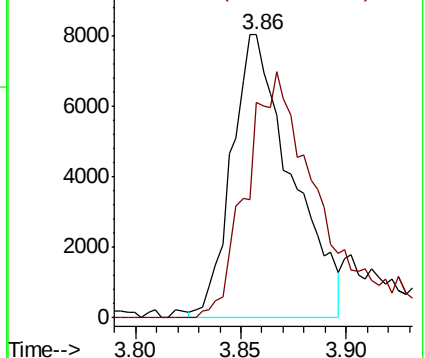
43 100

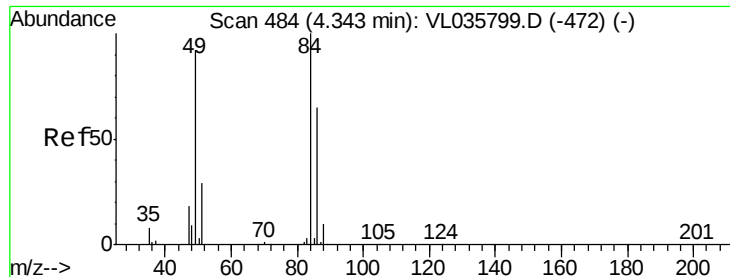
58 113.9 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

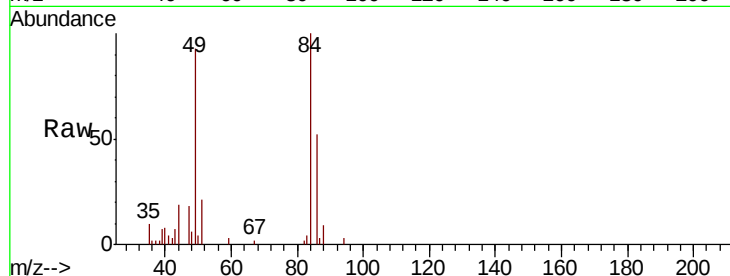




#20
Methylene Chloride
Concen: 0.169 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL036024.D
Acq: 25 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:	84	Resp:	16782
Ion	Ratio	Lower	Upper
84	100		
49	92.9	73.8	110.8
51	20.6	23.0	34.4#
86	52.1	52.1	78.1



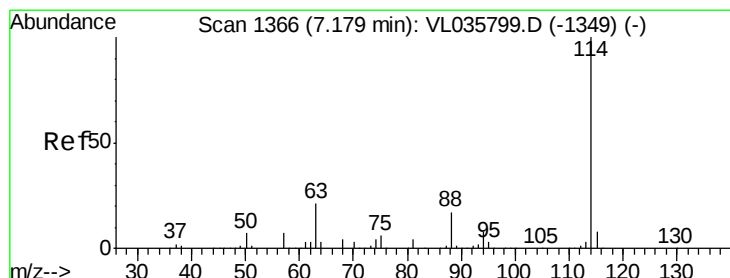
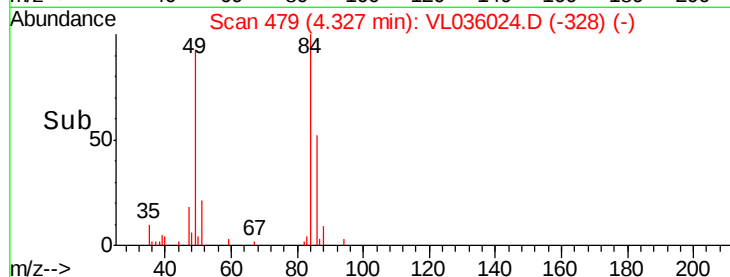
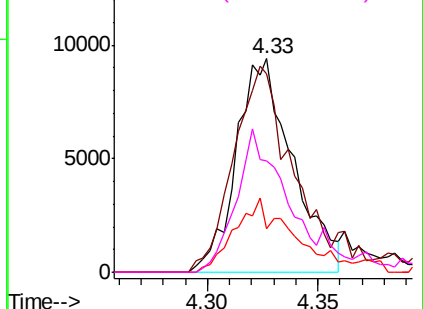
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

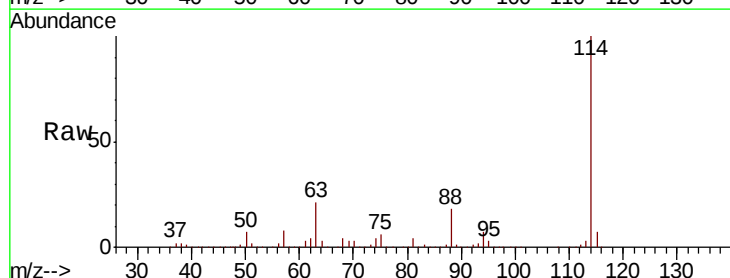
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL036024.D
Acq: 25 Nov 2020 10:30

Tgt Ion:	114	Resp:	5003541
Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	17.3	13.7	20.5

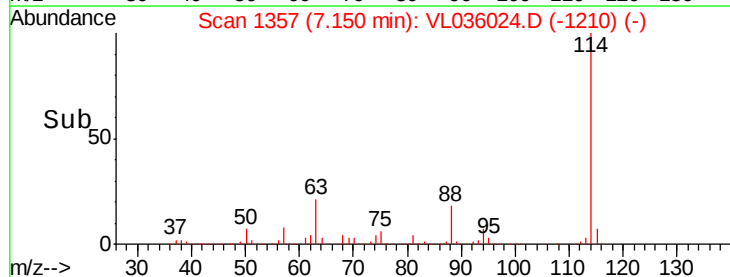
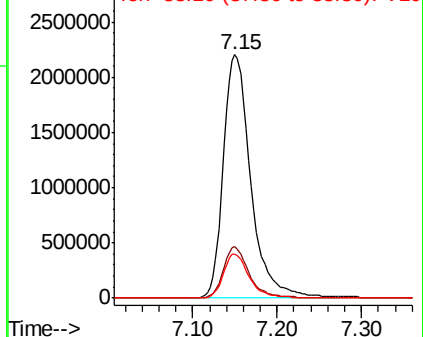


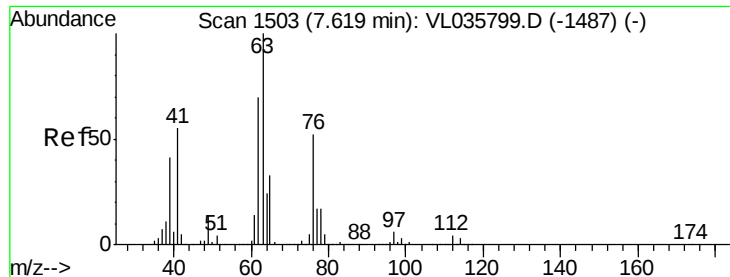
Abundance

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

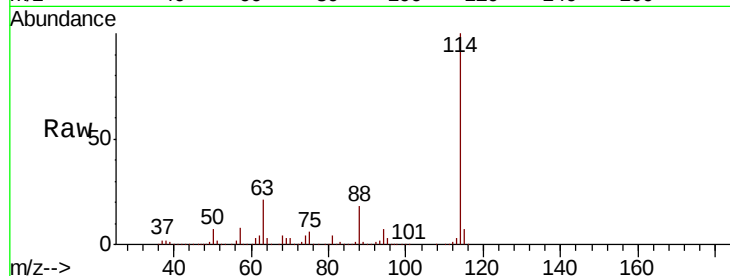




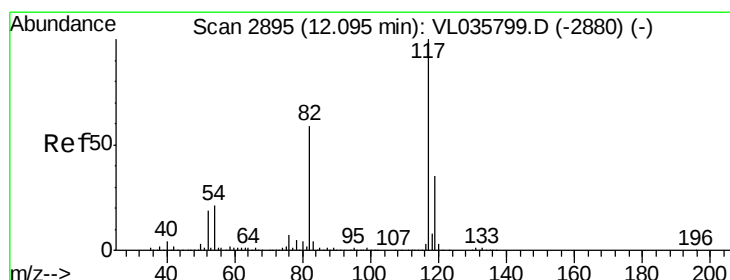
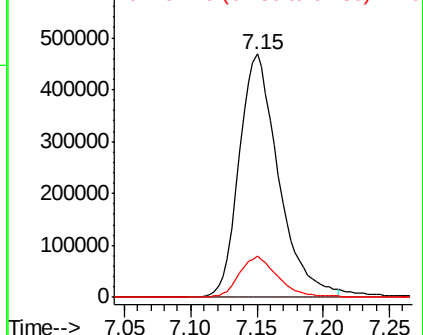
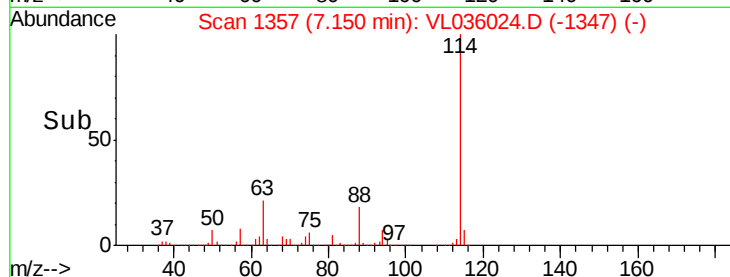
#39
 1,2-Dichloropropane
 Concen: 7.768 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.47 min
 Lab File: VL036024.D
 Acq: 25 Nov 2020 10:30

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	16.9	56.2	84.2#

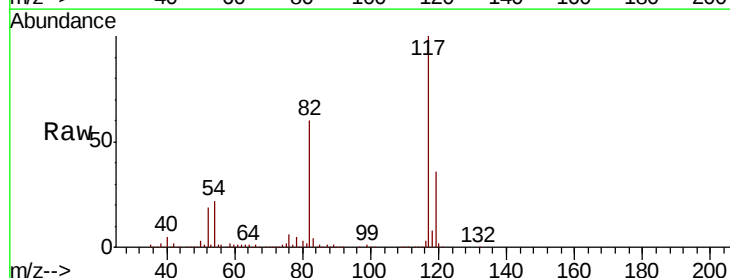


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

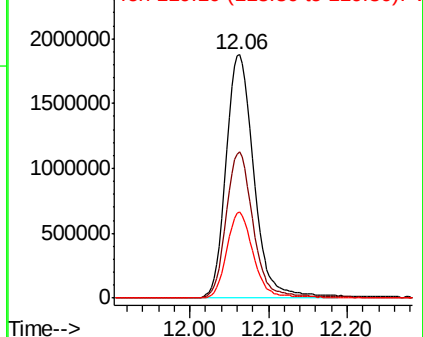
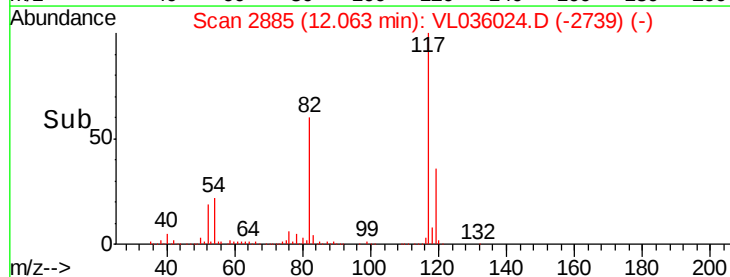


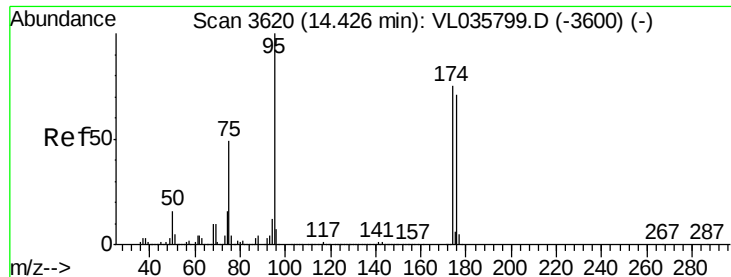
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2885
 Delta R.T. -0.03 min
 Lab File: VL036024.D
 Acq: 25 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.4	50.6	76.0
119	34.3	52.6	78.8#



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





#68

1-Bromo-4-Fluorobenzene

Concen: 10.483 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.03 min

Lab File: VL036024.D

Acq: 25 Nov 2020 10:30

Instrument :

MSVOA_L

ClientSampleId :

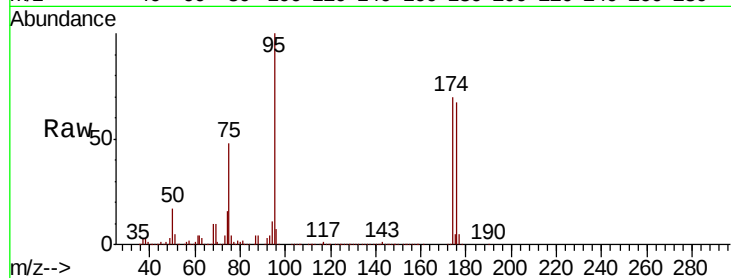
Tot Ion: 95 Resp: 3437472

Ion Ratio Lower Upper

95 100

174 71.6 59.8 89.6

175 4.9 4.3 6.5



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

