

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081820\
 Data File : VL035445.D
 Acq On : 18 Aug 2020 16:33
 Operator : SY/AP
 Sample : VL0818ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 19 02:41:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1101253	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4790583	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4797491	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3446967	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

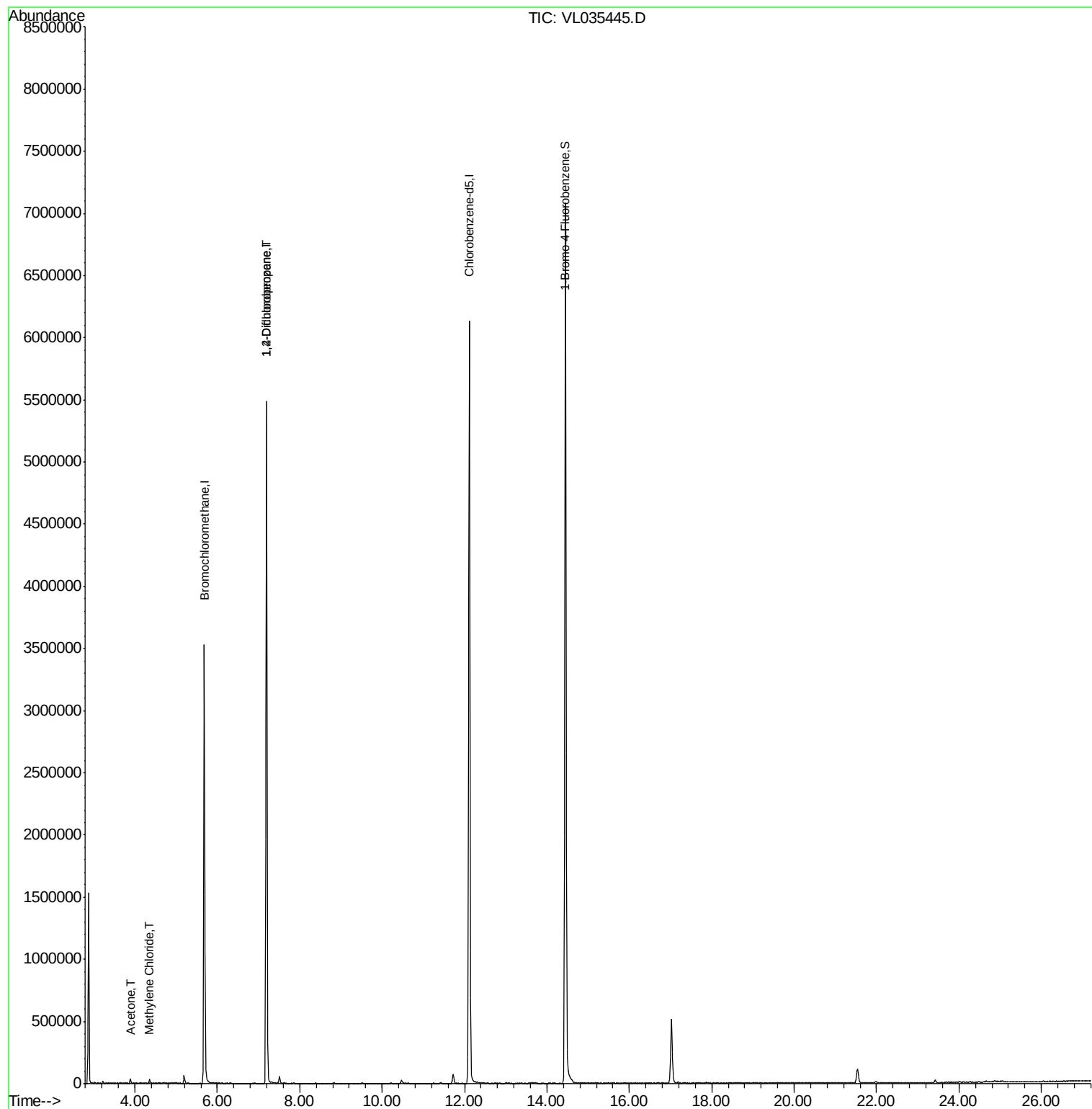
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	22217	0.175	ppbv #	1
20) Methylene Chloride	4.36	84	13220	0.129	ppbv #	49
39) 1,2-Dichloropropane	7.19	63	844365	7.286	ppbv #	23

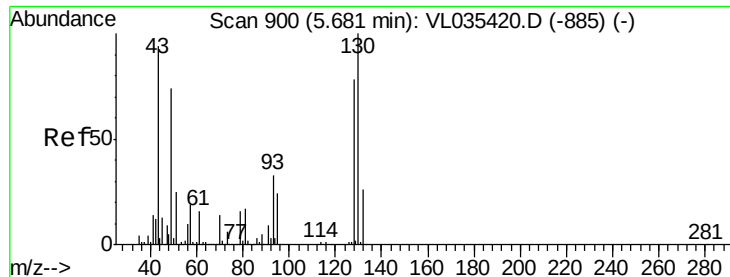
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

Lab File: VL035445.D

Acq: 18 Aug 2020 16:33

Instrument :

MSVOA_L

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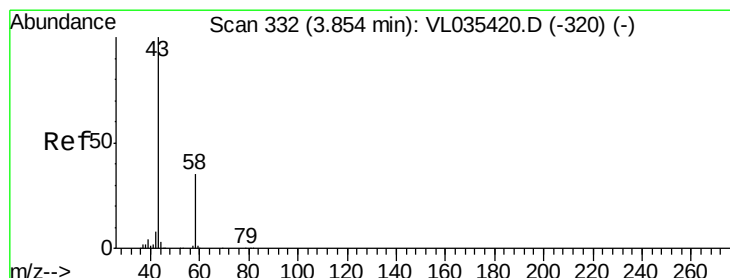
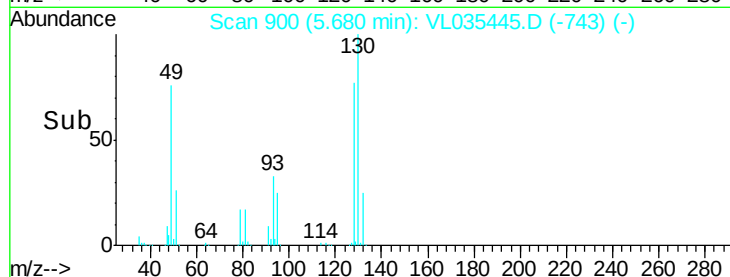
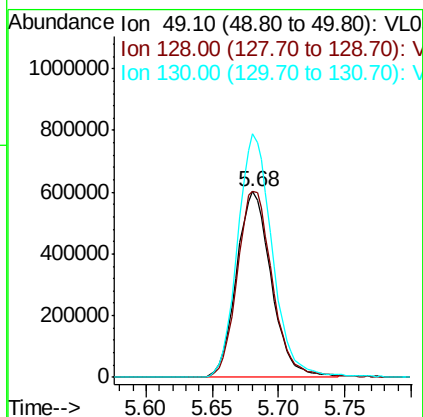
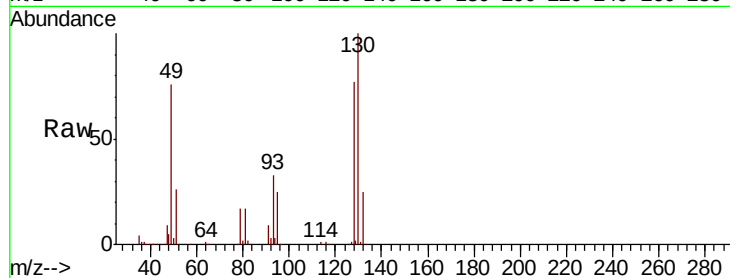
Tot Ion: 49 Resp: 1101253

Ion Ratio Lower Upper

49 100

128 102.1 20.9 62.7#

130 131.3 26.7 80.1#



#15

Acetone

Concen: 0.175 ppbv

RT: 3.88 min Scan# 341

Delta R.T. 0.04 min

Lab File: VL035445.D

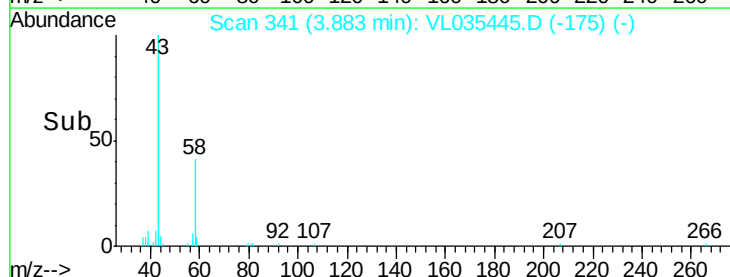
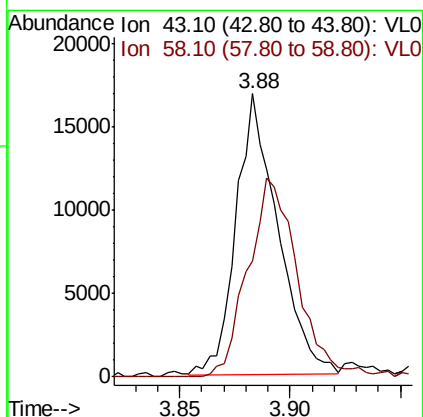
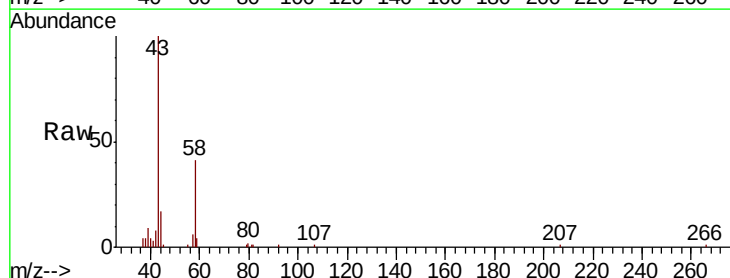
Acq: 18 Aug 2020 16:33

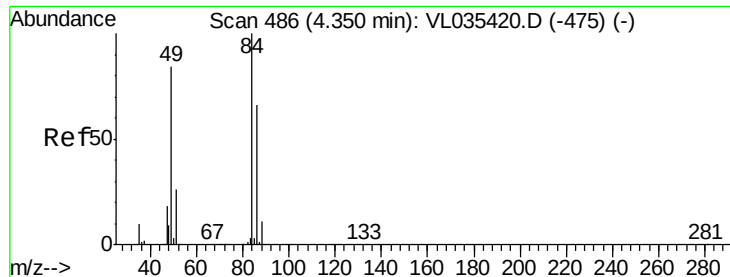
Tgt Ion: 43 Resp: 22217

Ion Ratio Lower Upper

43 100

58 84.8 21.0 31.6#

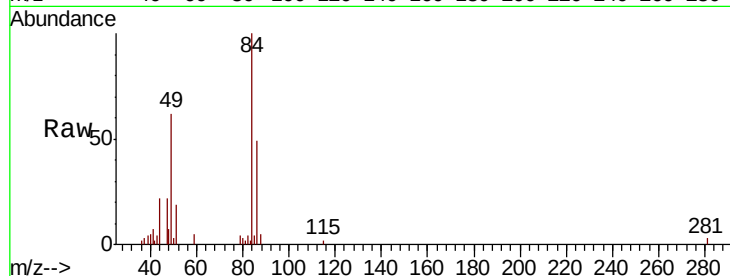




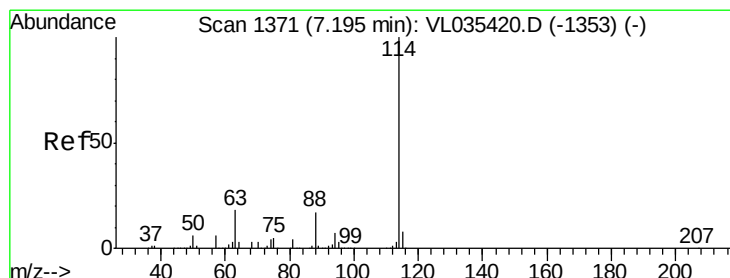
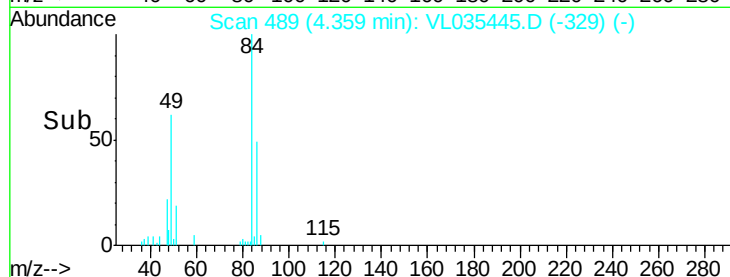
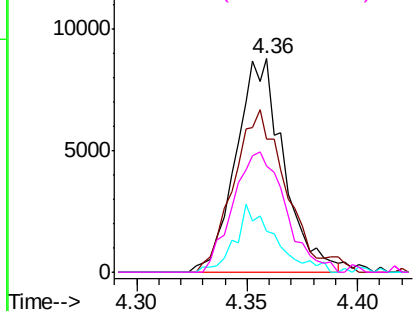
#20
Methylene Chloride
Concen: 0.129 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.02 min
Lab File: VL035445.D
Acq: 18 Aug 2020 16:33

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:	84	Resp:	13220
Ion	Ratio	Lower	Upper
84	100		
49	62.2	118.6	177.8#
51	19.1	36.4	54.6#
86	49.5	50.2	75.4#

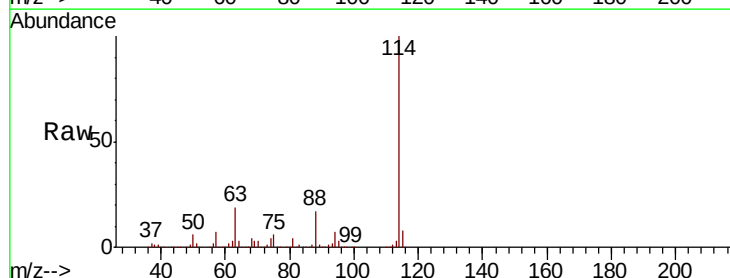


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

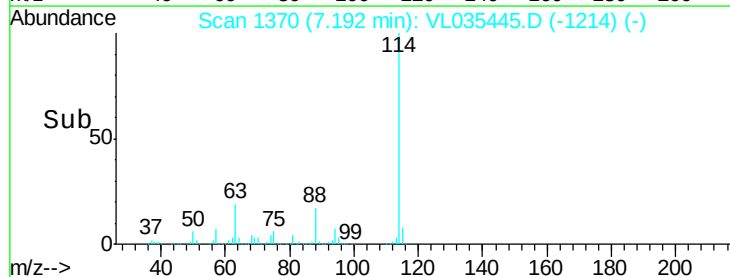
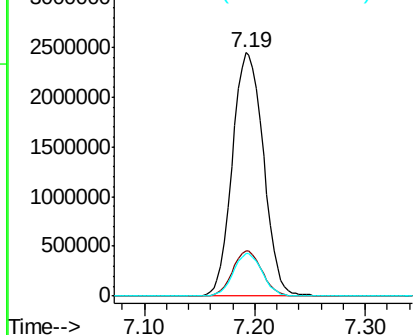


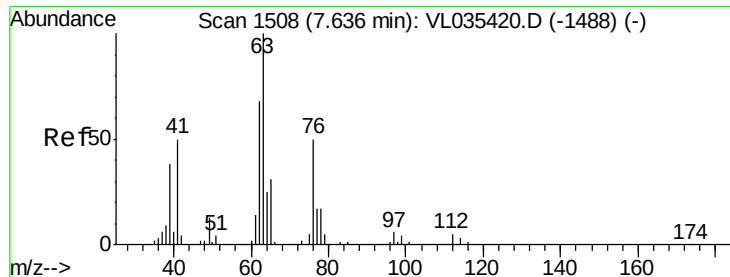
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VL035445.D
Acq: 18 Aug 2020 16:33

Tgt Ion:	114	Resp:	4790583
Ion	Ratio	Lower	Upper
114	100		
63	17.7	23.1	34.7#
88	16.4	15.9	23.9



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

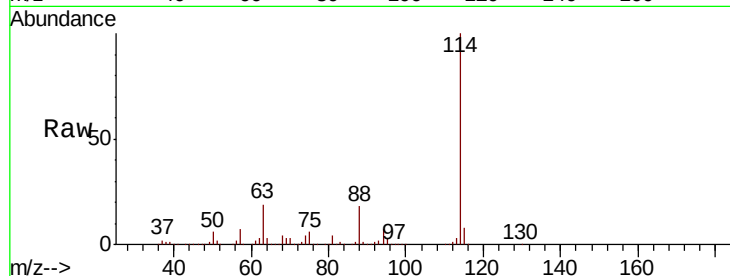




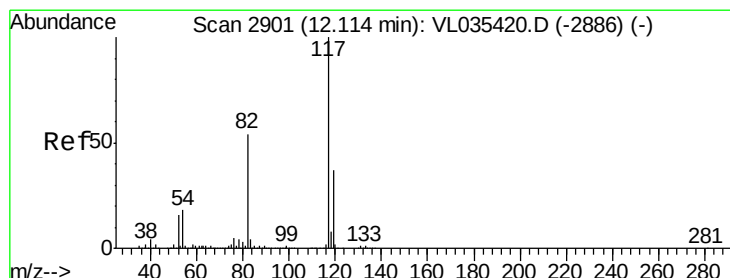
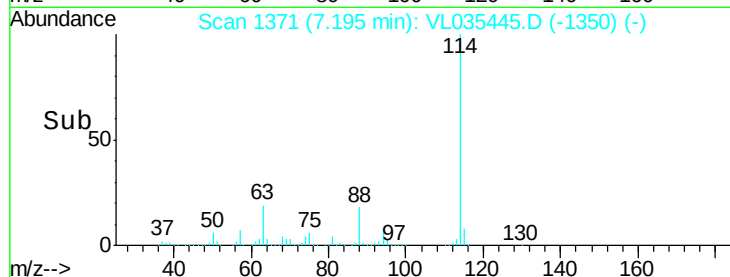
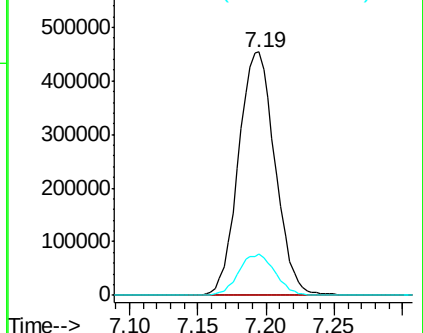
#39
 1,2-Dichloropropane
 Concen: 7.286 ppbv
 RT: 7.19 min Scan# 1371
 Delta R.T. -0.43 min
 Lab File: VL035445.D
 Acq: 18 Aug 2020 16:33

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
63	100		
41	0.1	61.1	91.7#
62	17.0	55.3	82.9#

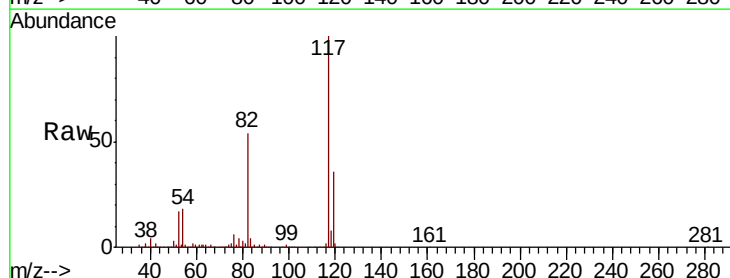


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

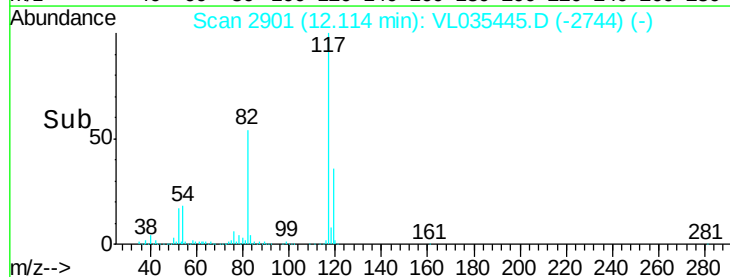
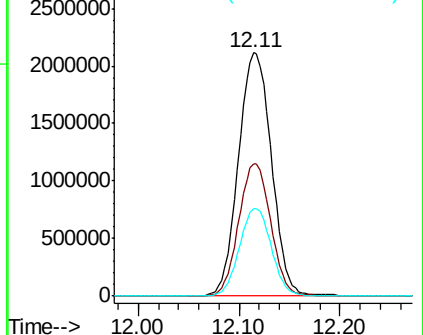


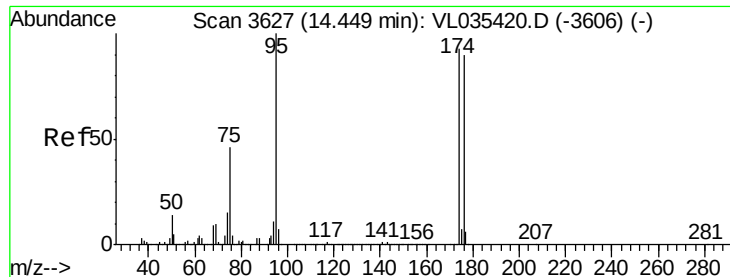
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2901
 Delta R.T. 0.01 min
 Lab File: VL035445.D
 Acq: 18 Aug 2020 16:33

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	57.4	86.0#
119	35.1	28.4	42.6



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: 10.263 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. 0.01 min

Lab File: VL035445.D

Acq: 18 Aug 2020 16:33

Instrument :

MSVOA_L

ClientSampleId :

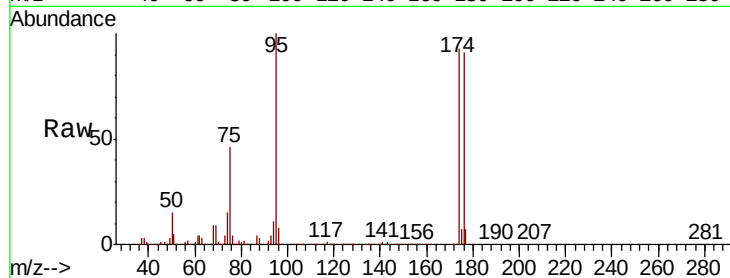
Tot Ion: 95 Resp: 3446967

Ion Ratio Lower Upper

95 100

174 95.9 44.0 66.0#

175 7.1 3.2 4.8#



Abundance Ion 95.10 (94.80 to 95.80): VL0

2000000 Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

