

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082720\
 Data File : VL035518.D
 Acq On : 27 Aug 2020 13:15
 Operator : SY/AP
 Sample : OC082620 CAN 10283
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC082620 CAN 10283

Quant Time: Aug 28 01:27:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	987660	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4134112	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4180313	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3008910	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

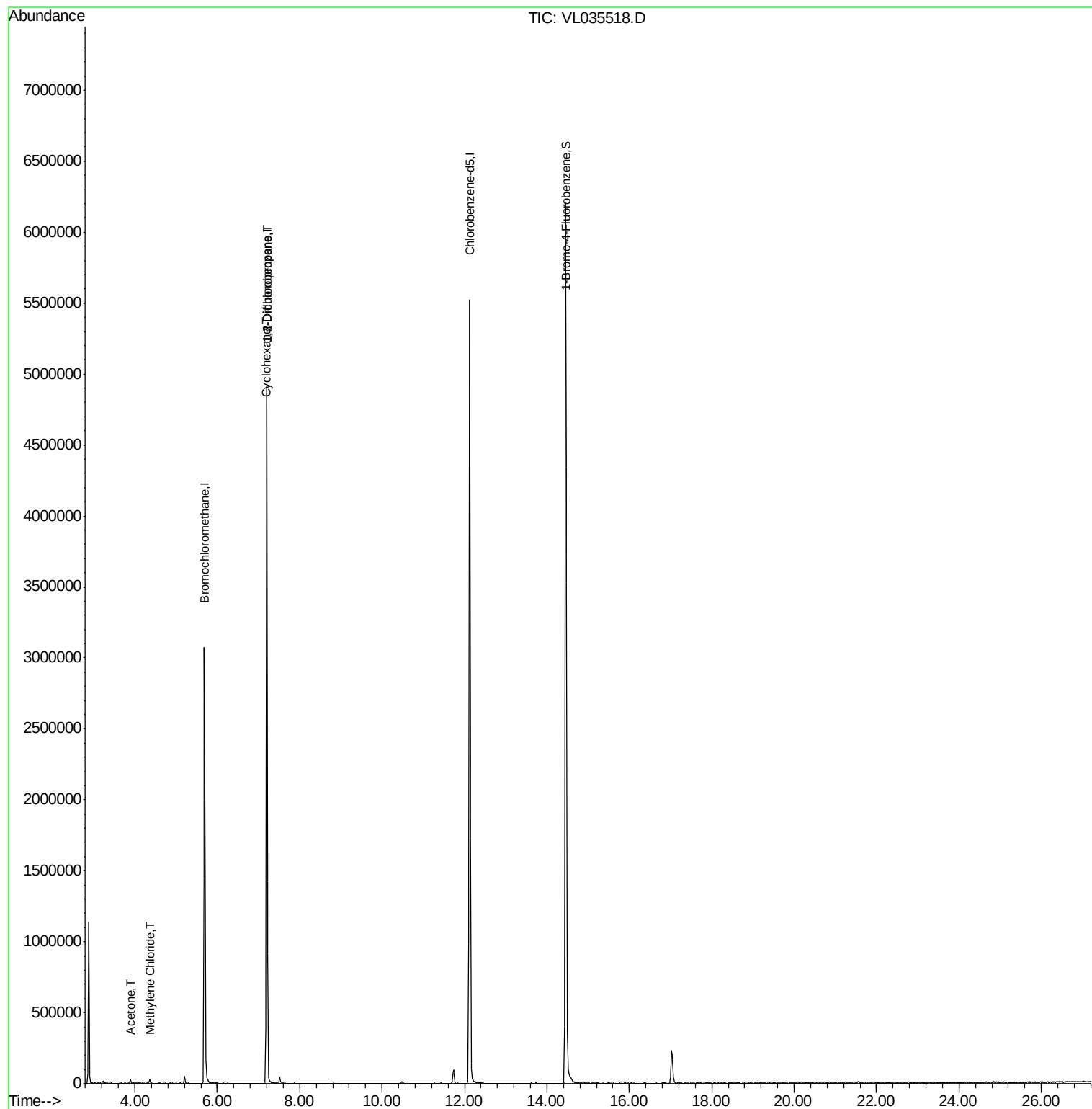
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	18879	0.173	ppbv #	15
20) Methylene Chloride	4.35	84	4444	0.055	ppbv #	90
30) Cyclohexane	7.19	84	5150	0.044	ppbv #	9
39) 1,2-Dichloropropane	7.20	63	752273	8.322	ppbv #	32

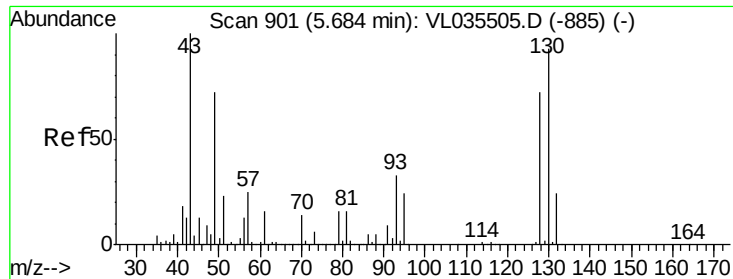
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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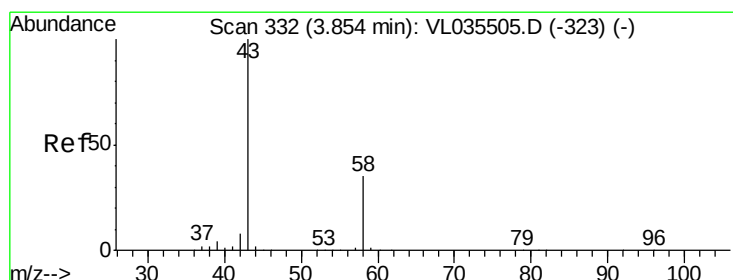
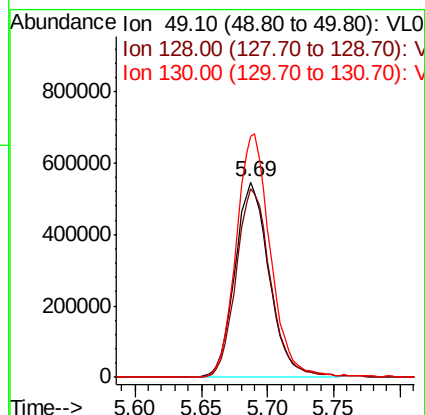
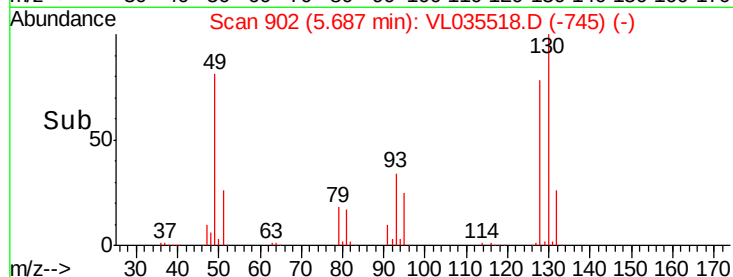
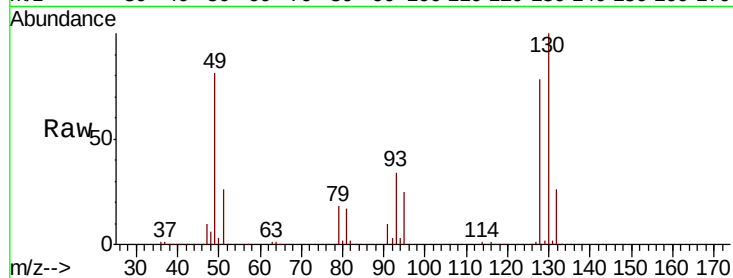




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL035518.D
Acq: 27 Aug 2020 13:15

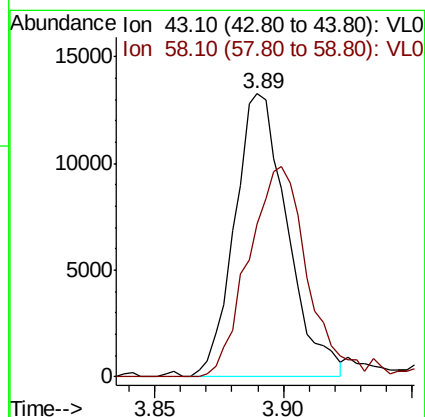
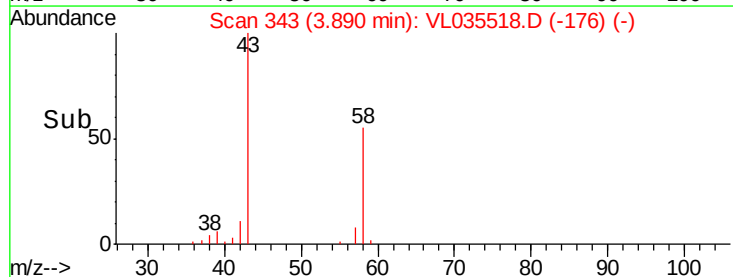
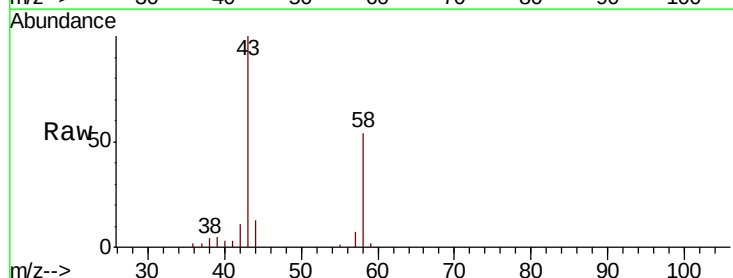
Instrument :
MSVOA_L
ClientSampleId :
QC082620 CAN 10283

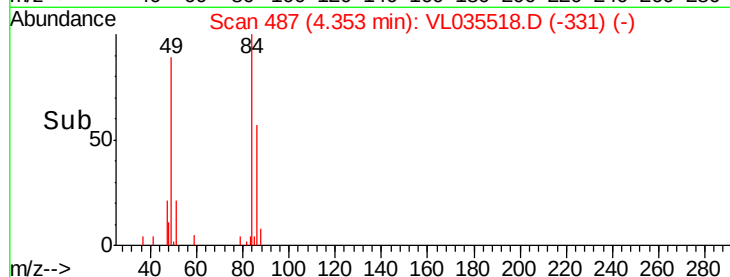
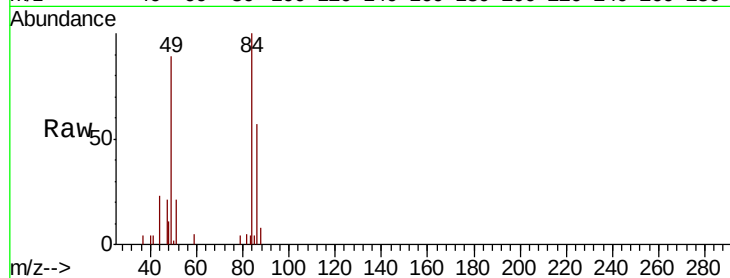
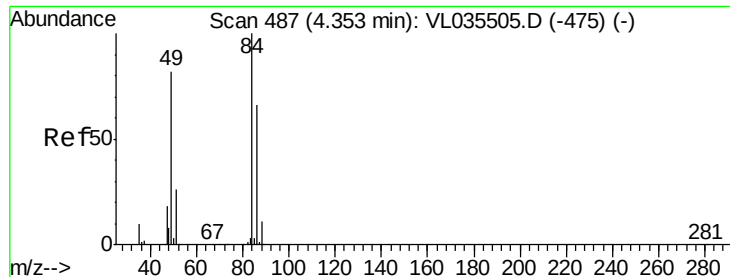
Tot Ion: 49 Resp: 987660
Ion Ratio Lower Upper
49 100
128 97.9 50.0 150.1
130 125.1 64.4 193.2



#15
Acetone
Concen: 0.173 ppbv
RT: 3.89 min Scan# 343
Delta R.T. 0.04 min
Lab File: VL035518.D
Acq: 27 Aug 2020 13:15

Tgt Ion: 43 Resp: 18879
Ion Ratio Lower Upper
43 100
58 85.0 28.4 42.6#

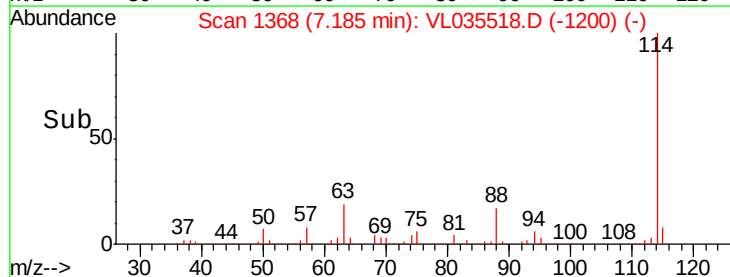
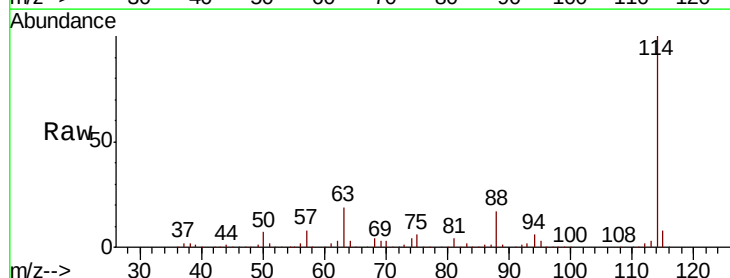
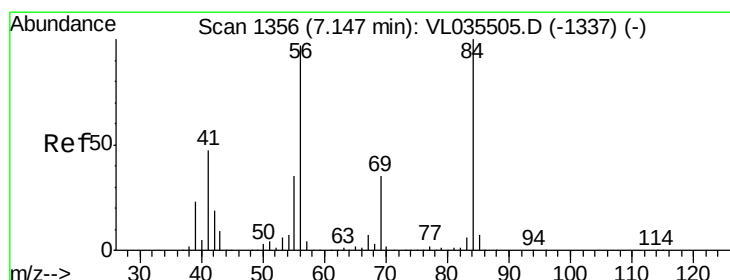
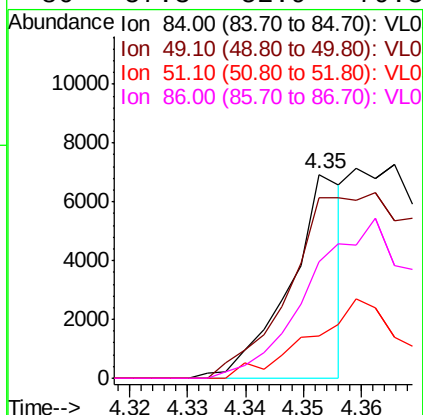




#20
Methvlene Chloride
Concen: 0.055 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.00 min
Lab File: VL035518.D
Acq: 27 Aug 2020 13:15

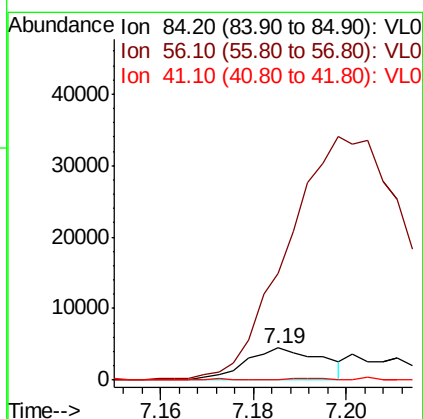
Instrument :
MSVOA_L
ClientSampleId :
QC082620 CAN 10283

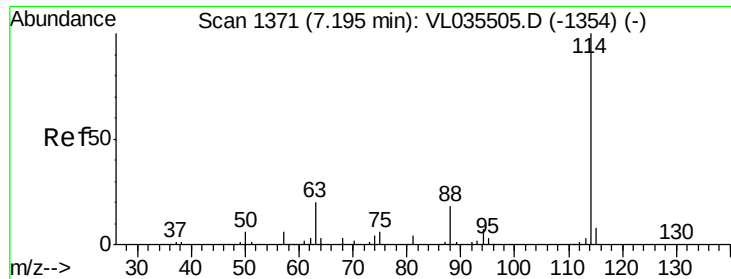
Tot Ion:	84	Resp:	4444
Ion	Ratio	Lower	Upper
84	100		
49	88.7	65.4	98.0
51	20.9	21.5	32.3#
86	57.3	52.9	79.3



#30
Cyclohexane
Concen: 0.044 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.04 min
Lab File: VL035518.D
Acq: 27 Aug 2020 13:15

Tgt Ion:	84	Resp:	5150
Ion	Ratio	Lower	Upper
84	100		
56	0.0	80.1	120.1#
41	0.0	38.1	57.1#

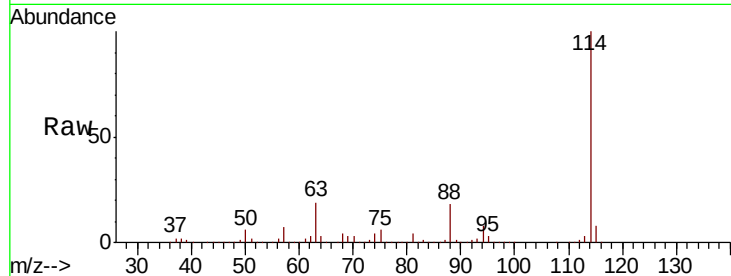




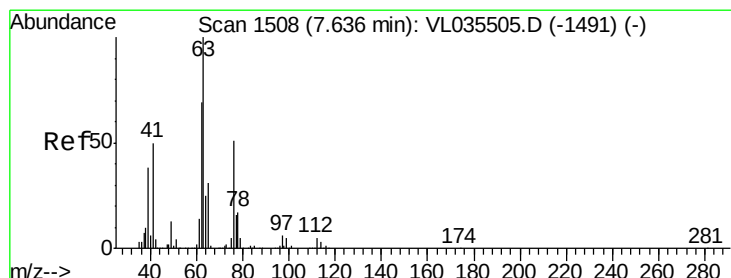
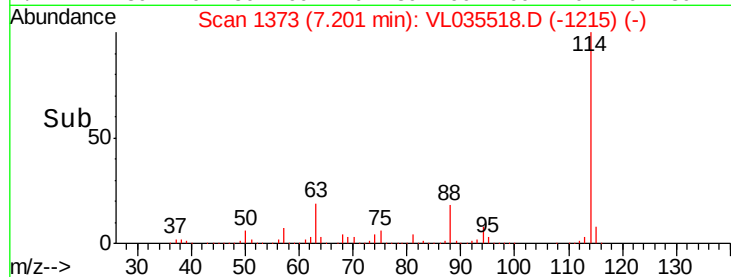
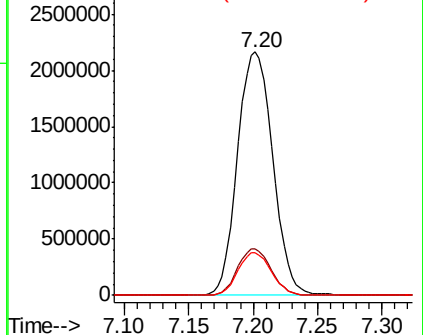
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: VL035518.D
 Acq: 27 Aug 2020 13:15

Instrument :
 MSVOA_L
 ClientSampleId :
 QC082620 CAN 10283

Tot Ion:114 Resp: 4134112
 Ion Ratio Lower Upper
 114 100
 63 18.2 14.7 22.1
 88 16.7 13.4 20.2

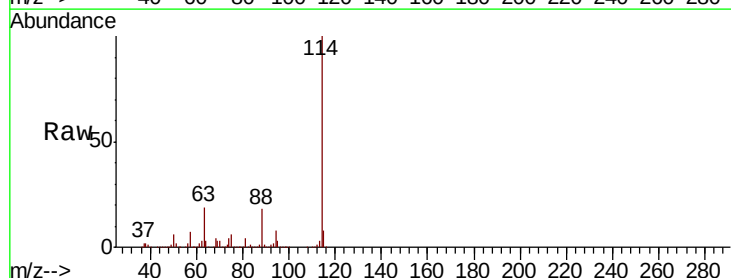


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

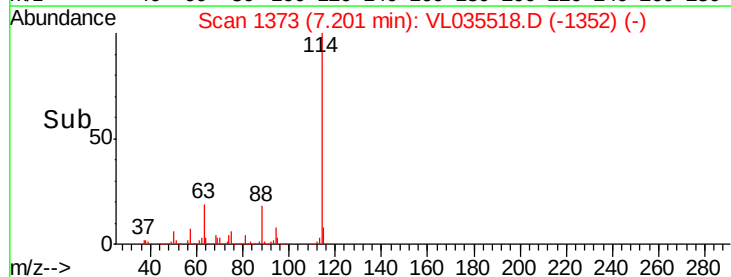
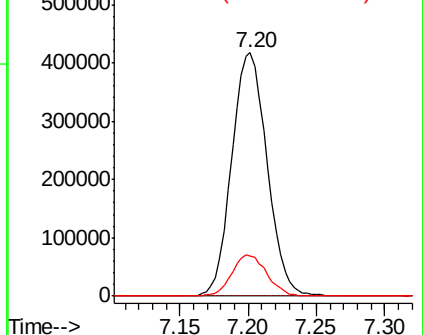


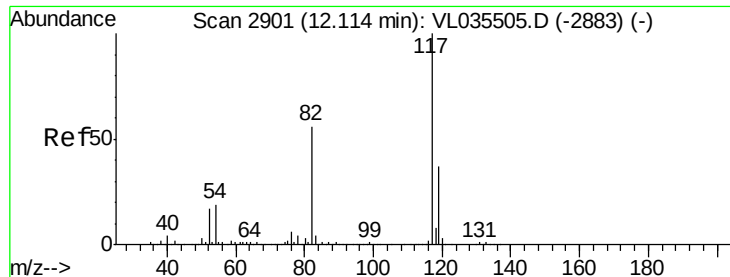
#39
 1,2-Dichloropropane
 Concen: 8.322 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. -0.43 min
 Lab File: VL035518.D
 Acq: 27 Aug 2020 13:15

Tgt Ion: 63 Resp: 752273
 Ion Ratio Lower Upper
 63 100
 41 0.0 40.0 60.0#
 62 16.5 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: VL035518.D

Acq: 27 Aug 2020 13:15

Instrument :

MSVOA_L

ClientSampleId :

QC082620 CAN 10283

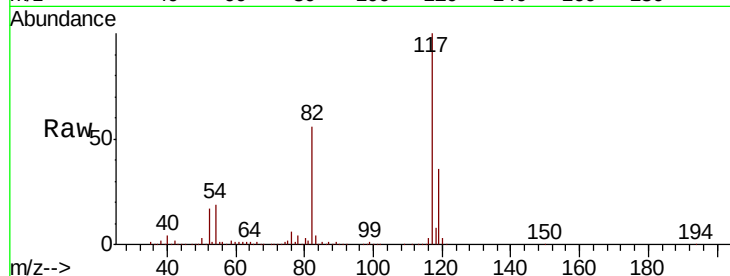
Tot Ion:117 Resp: 4180313

Ion Ratio Lower Upper

117 100

82 54.7 41.6 62.4

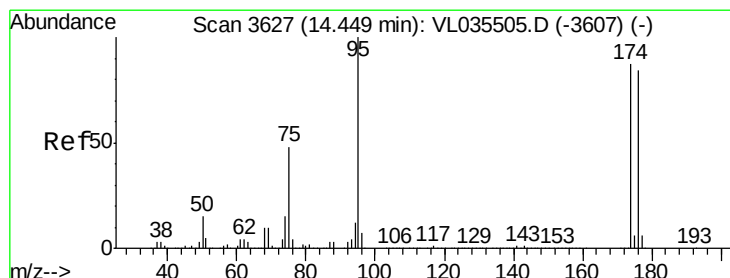
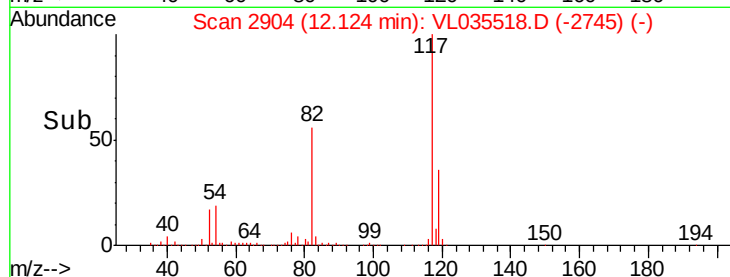
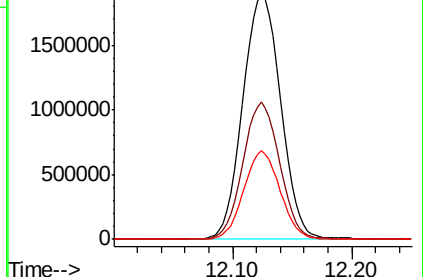
119 34.8 29.3 43.9



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: 10.136 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. 0.01 min

Lab File: VL035518.D

Acq: 27 Aug 2020 13:15

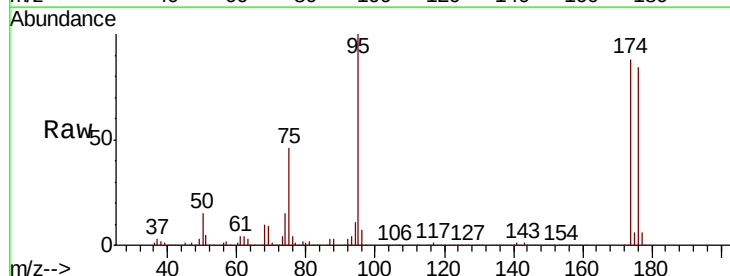
Tgt Ion: 95 Resp: 3008910

Ion Ratio Lower Upper

95 100

174 89.8 69.6 104.4

175 6.4 5.1 7.7



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

