

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082720\
 Data File : VL035520.D
 Acq On : 27 Aug 2020 14:37
 Operator : SY/AP
 Sample : OC082020 CAN 10592
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC082020 CAN 10592

Quant Time: Aug 28 01:27:37 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	1006361	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4184000	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	4227685	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3071168	10.23	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

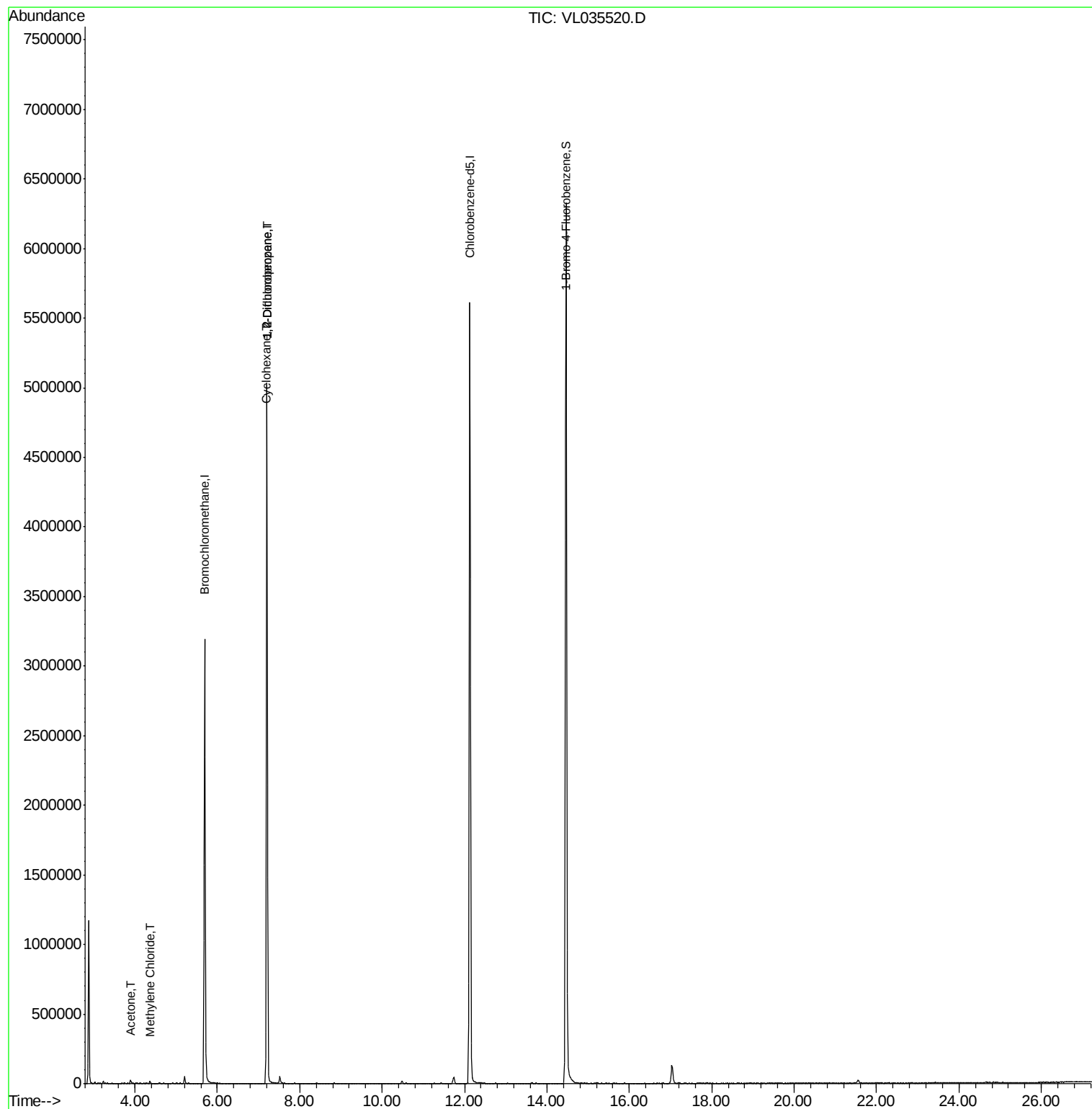
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	18012	0.162	ppbv #	18
20) Methylene Chloride	4.36	84	7609	0.092	ppbv #	96
30) Cyclohexane	7.19	84	6172	0.052	ppbv #	9
39) 1,2-Dichloropropane	7.20	63	764334	8.354	ppbv #	32

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 903

Delta R.T. 0.01 min

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MSVOA_L

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QC082020 CAN 10592

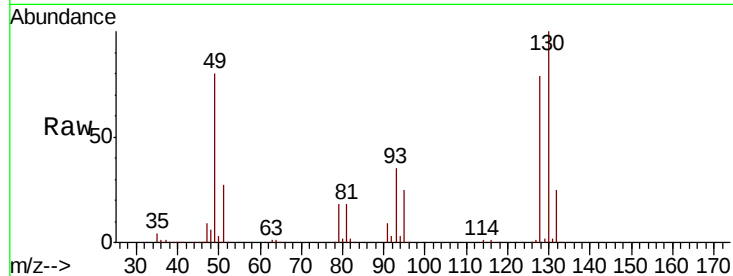
Tot Ion: 49 Resp: 1006361

Ion Ratio Lower Upper

49 100

128 98.2 50.0 150.1

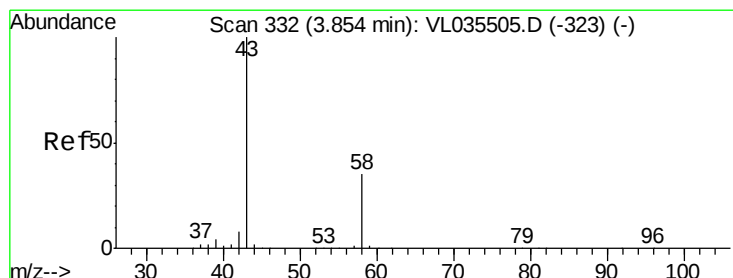
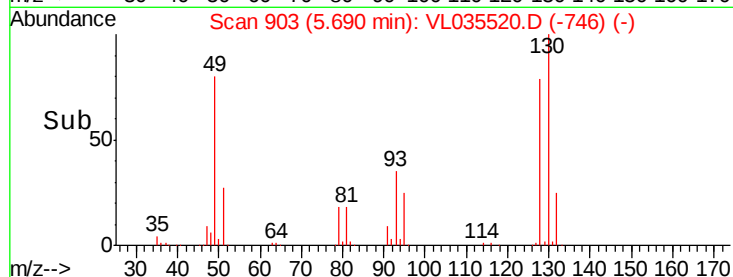
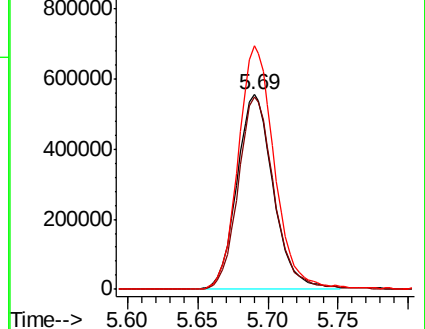
130 126.0 64.4 193.2



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: 0.162 ppbv

RT: 3.89 min Scan# 343

Delta R.T. 0.04 min

Lab File: VL035520.D

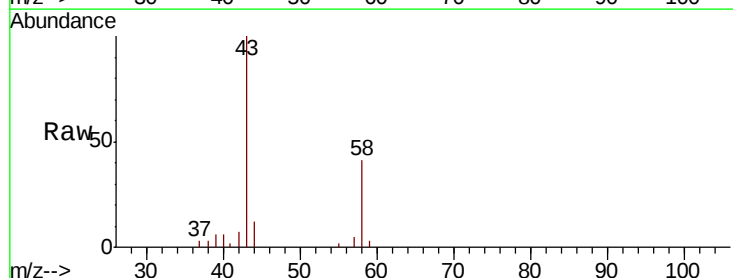
Acq: 27 Aug 2020 14:37

Tgt Ion: 43 Resp: 18012

Ion Ratio Lower Upper

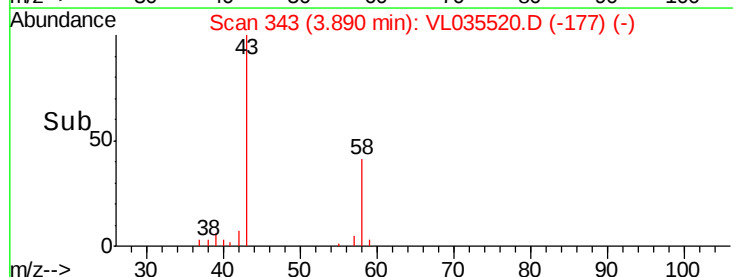
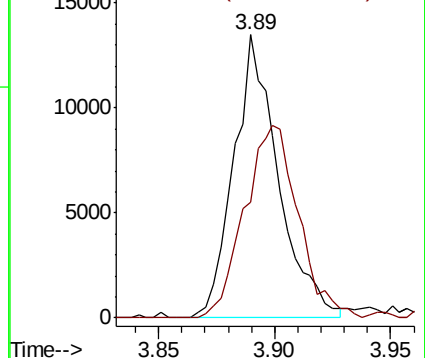
43 100

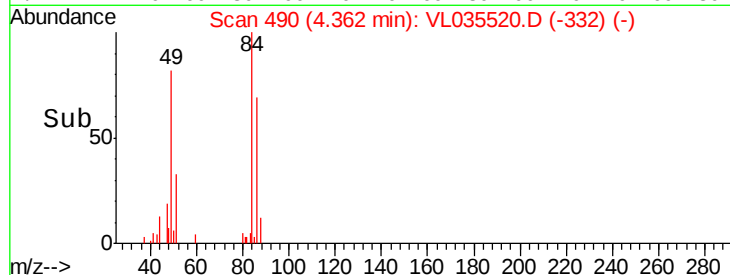
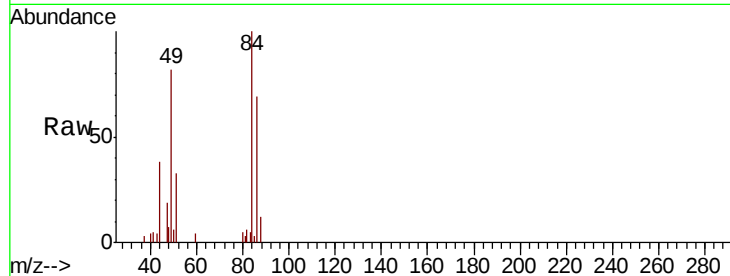
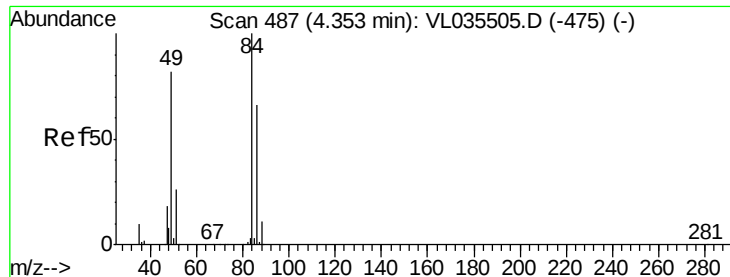
58 83.6 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

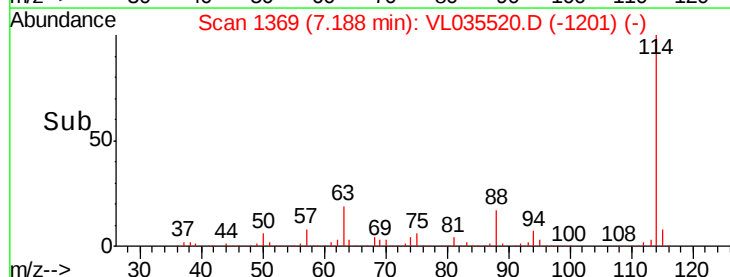
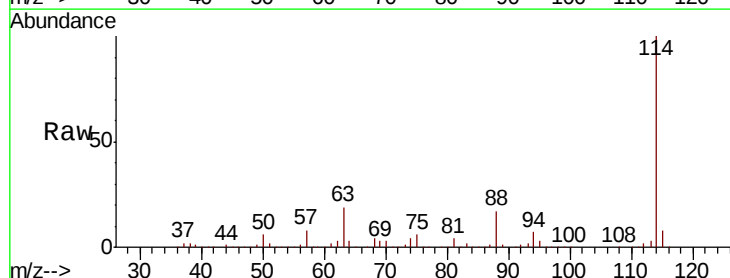
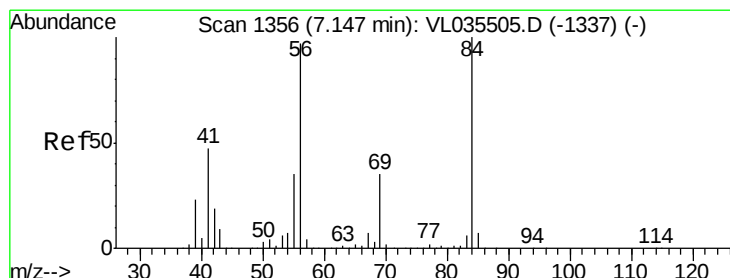
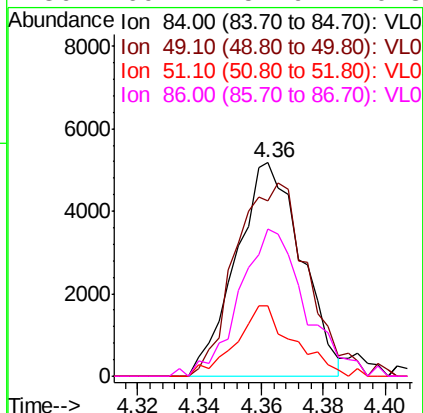




#20
Methvlene Chloride
Concen: 0.092 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.01 min
Lab File: VL035520.D
Acq: 27 Aug 2020 14:37

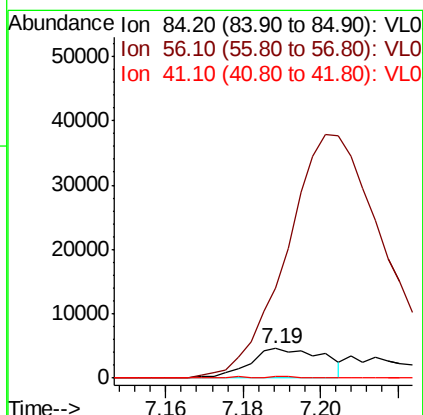
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QC082020 CAN 10592

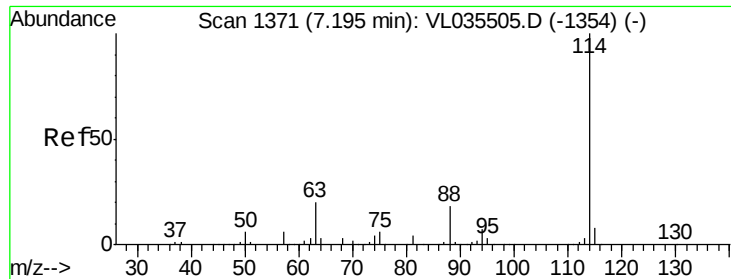
Tot Ion:	84	Resp:	7609
Ion	Ratio	Lower	Upper
84	100		
49	82.2	65.4	98.0
51	33.2	21.5	32.3#
86	69.1	52.9	79.3



#30
Cyclohexane
Concen: 0.052 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.04 min
Lab File: VL035520.D
Acq: 27 Aug 2020 14:37

Tgt Ion:	84	Resp:	6172
Ion	Ratio	Lower	Upper
84	100		
56	0.0	80.1	120.1#
41	0.0	38.1	57.1#

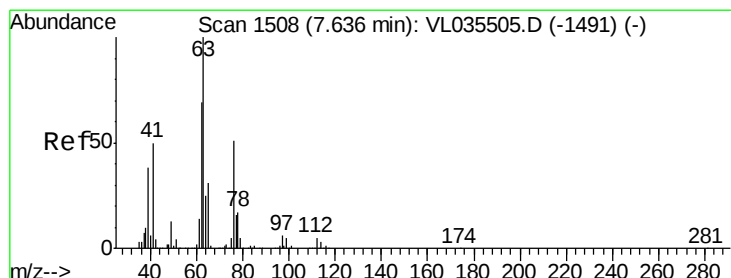
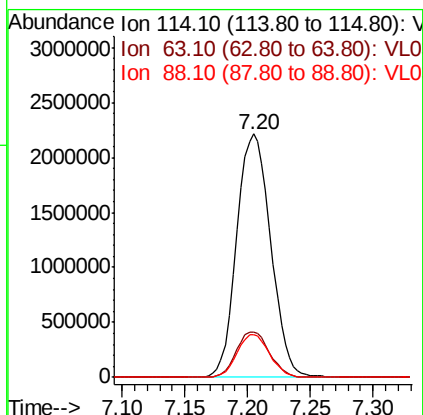
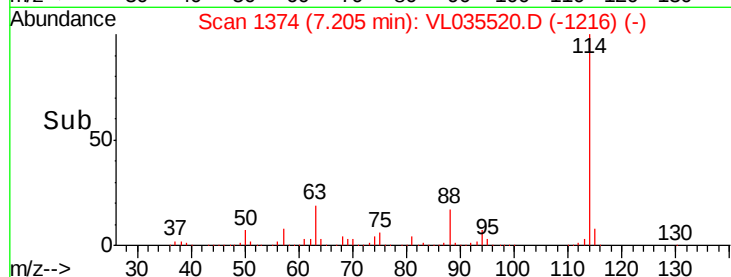
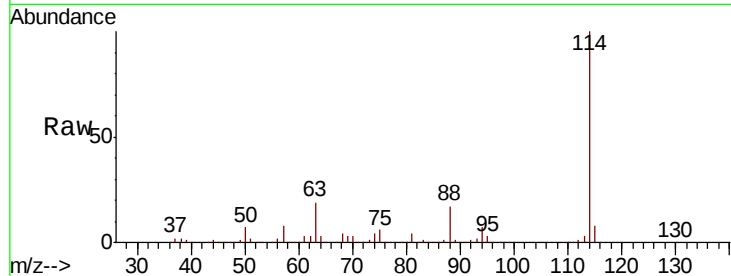




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: VL035520.D
 Acq: 27 Aug 2020 14:37

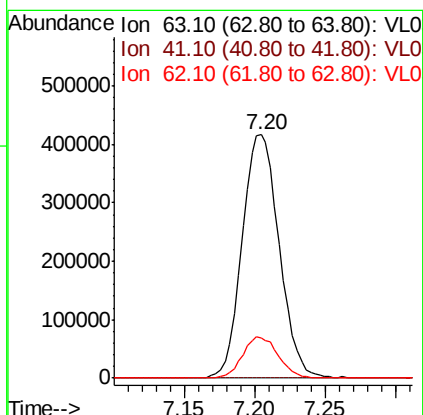
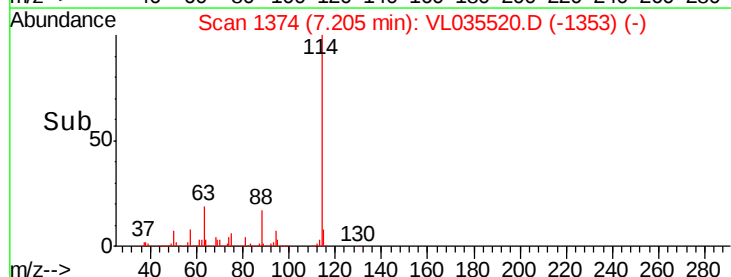
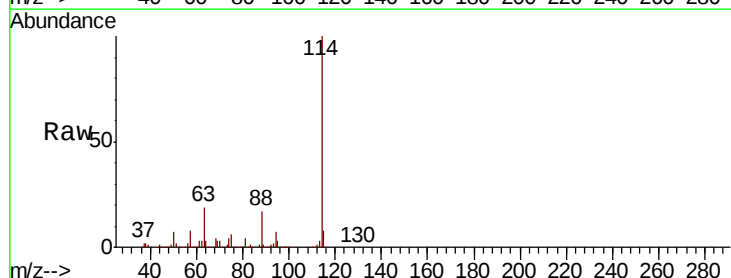
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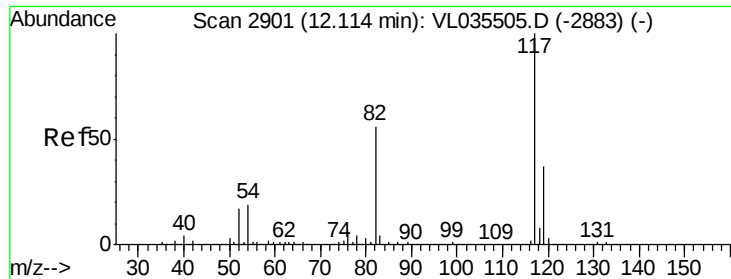
Tot Ion:114 Resp: 4184000
 Ion Ratio Lower Upper
 114 100
 63 18.3 14.7 22.1
 88 16.9 13.4 20.2



#39
 1,2-Dichloropropane
 Concen: 8.354 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. -0.43 min
 Lab File: VL035520.D
 Acq: 27 Aug 2020 14:37

Tgt Ion: 63 Resp: 764334
 Ion Ratio Lower Upper
 63 100
 41 0.0 40.0 60.0#
 62 16.2 55.4 83.0#

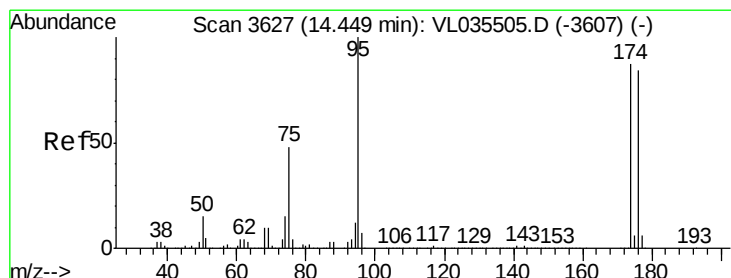
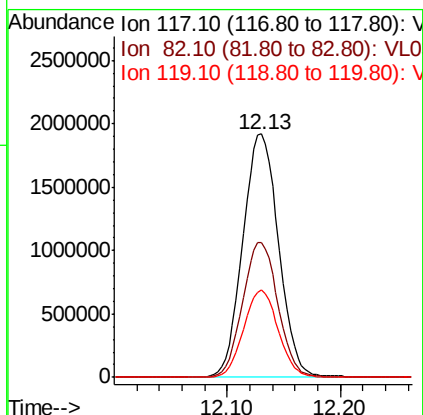
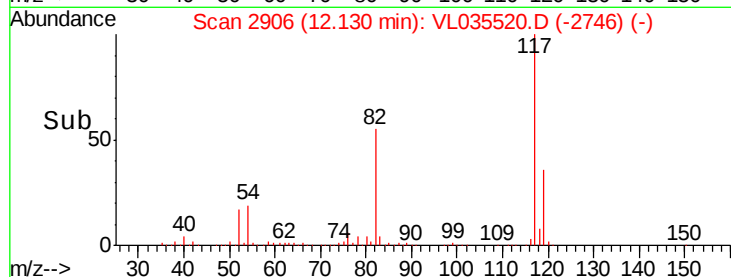
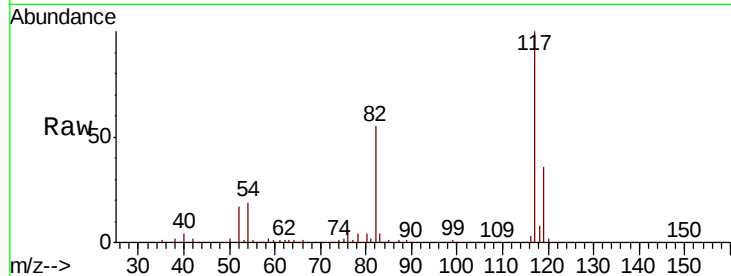




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.02 min
Lab File: VL035520.D
Acq: 27 Aug 2020 14:37

Instrument :
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ClientSampleId :
QC082020 CAN 10592

Tot Ion:117 Resp: 4227685
Ion Ratio Lower Upper
117 100
82 55.2 41.6 62.4
119 34.8 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.229 ppbv
RT: 14.46 min Scan# 3632
Delta R.T. 0.02 min
Lab File: VL035520.D
Acq: 27 Aug 2020 14:37

Tgt Ion: 95 Resp: 3071168
Ion Ratio Lower Upper
95 100
174 89.3 69.6 104.4
175 6.5 5.1 7.7

