

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036806.D
 Acq On : 13 Apr 2021 16:55
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 14 04:40:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1365489	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3241299	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2431832	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1584060	8.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.70%

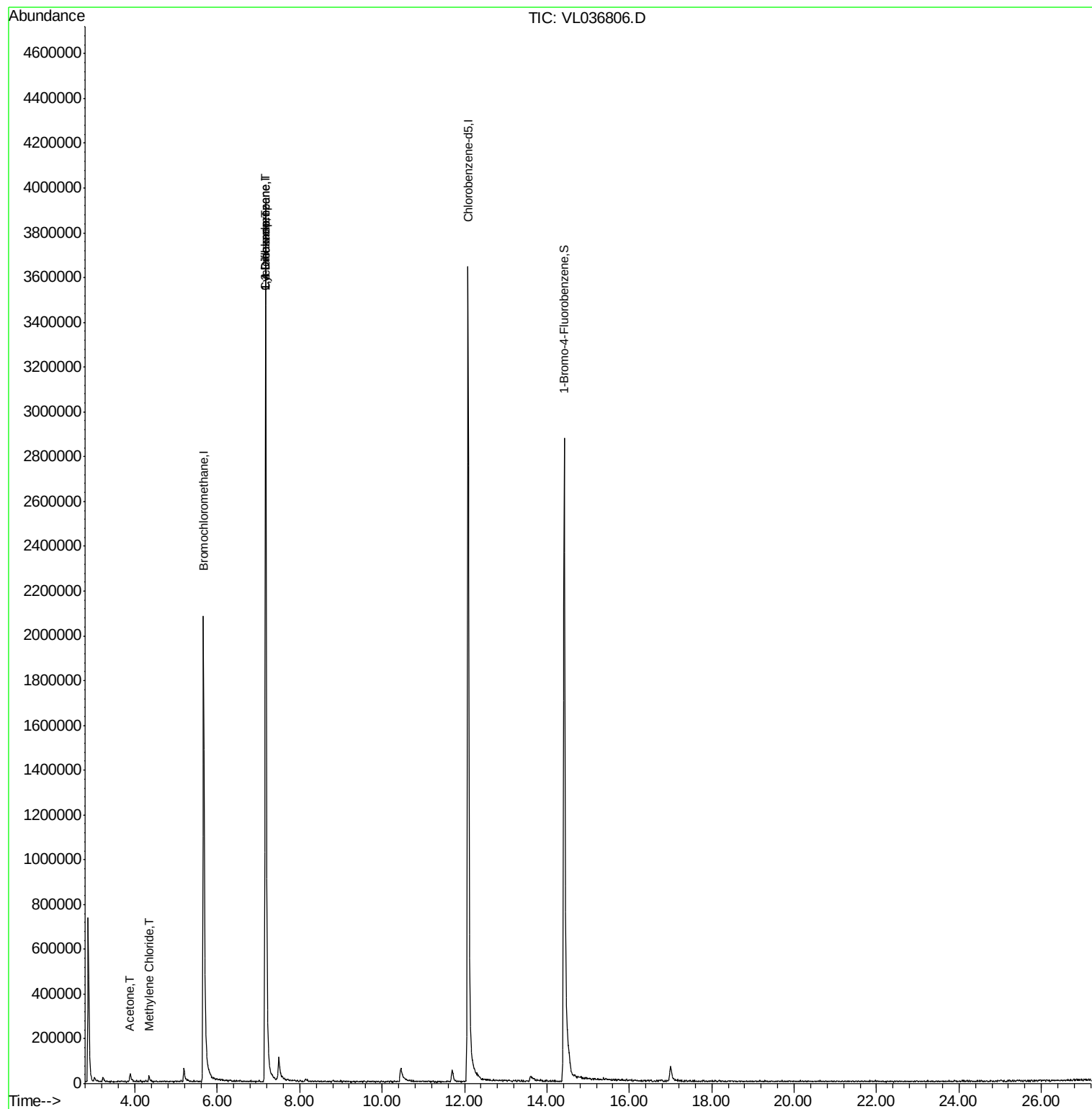
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	12283	0.091	ppbv #	48
20) Methylene Chloride	4.34	84	2938	0.047	ppbv #	69
30) Cyclohexane	7.16	84	7319	0.061	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	857753	7.074	ppbv #	23

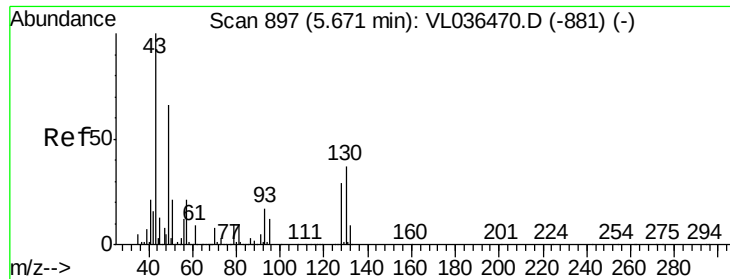
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 16:55

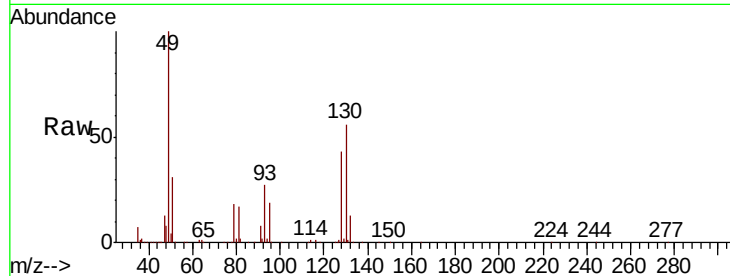
Tot Ion: 49 Resp: 1365489

Ion Ratio Lower Upper

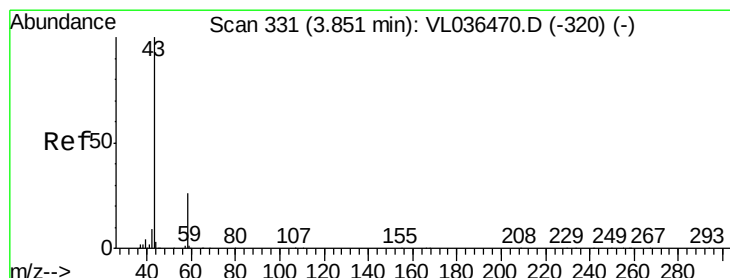
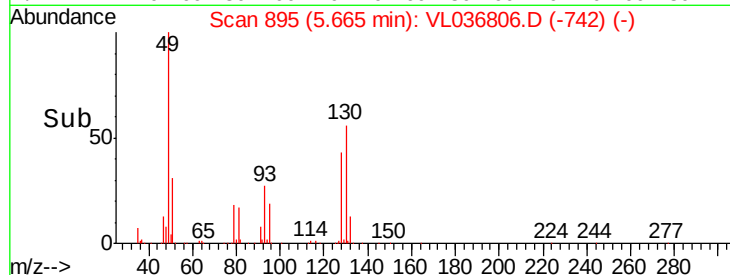
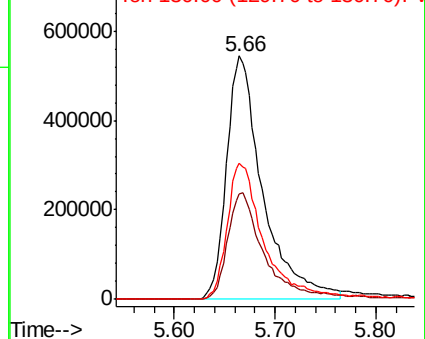
49 100

128 44.7 23.5 70.6

130 59.2 29.1 87.4



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: 0.091 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.02 min

Lab File: VL036806.D

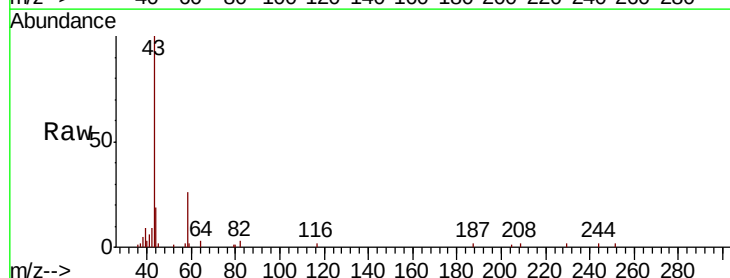
Acq: 13 Apr 2021 16:55

Tgt Ion: 43 Resp: 12283

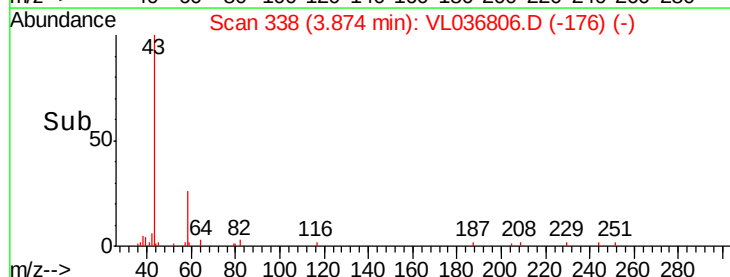
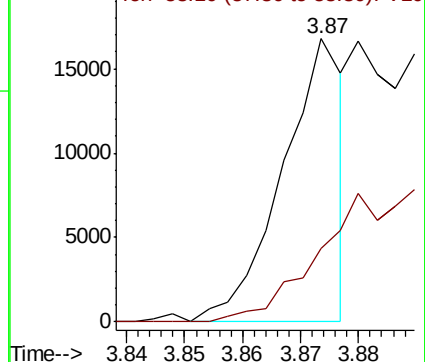
Ion Ratio Lower Upper

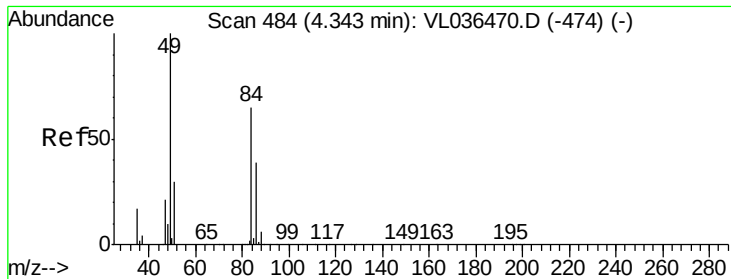
43 100

58 0.0 21.2 31.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.047 ppbv

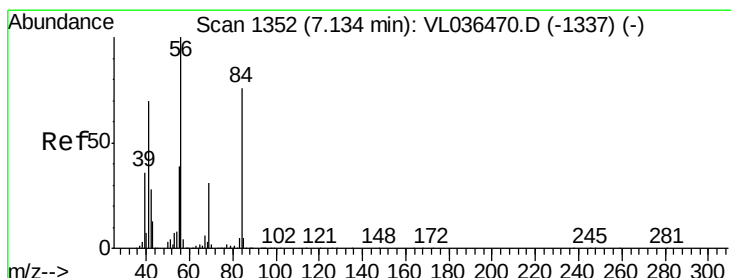
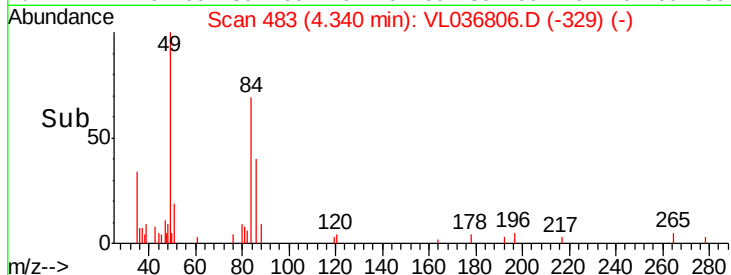
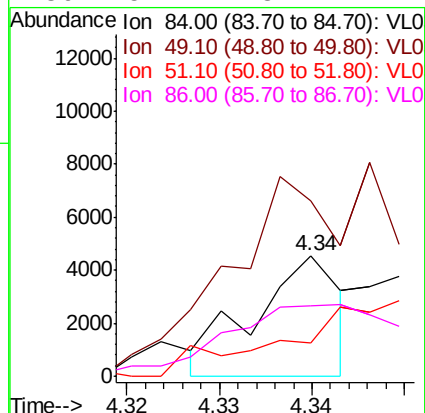
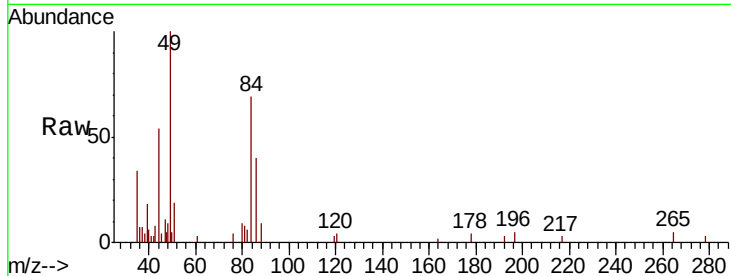
RT: 4.34 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 16:55

Tot Ion:	84	Resp:	2938
Ion	Ratio	Lower	Upper
84	100		
49	115.6	122.9	184.3#
51	3.0	36.9	55.3#
86	54.1	48.2	72.4



#30

Cyclohexane

Concen: 0.061 ppbv

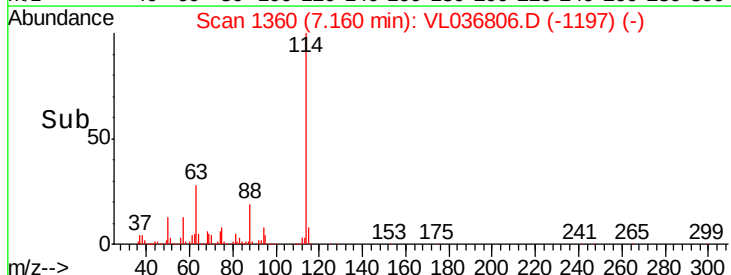
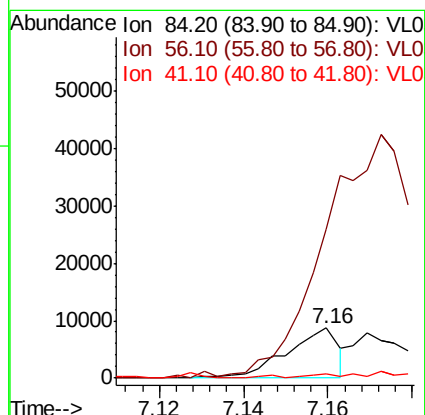
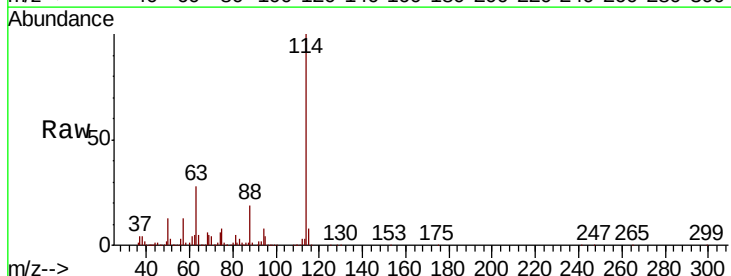
RT: 7.16 min Scan# 1360

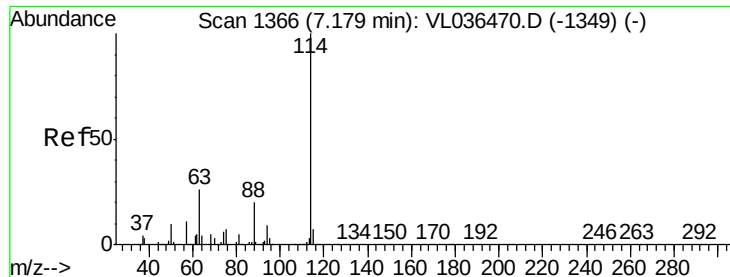
Delta R.T. 0.03 min

Lab File: VL036806.D

Acq: 13 Apr 2021 16:55

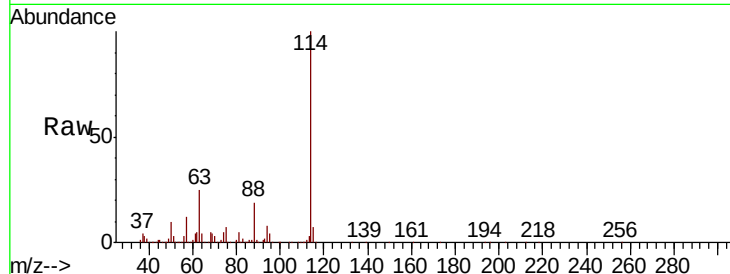
Tgt Ion:	84	Resp:	7319
Ion	Ratio	Lower	Upper
84	100		
56	0.0	114.6	171.8#
41	0.0	75.3	112.9#



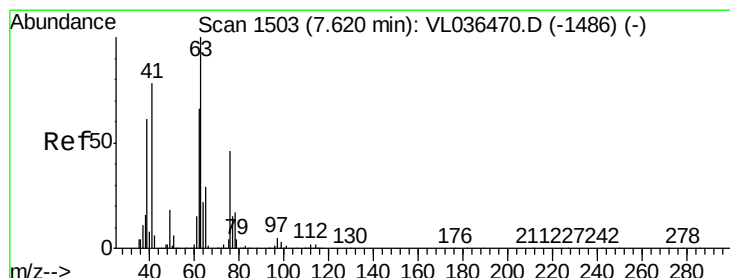
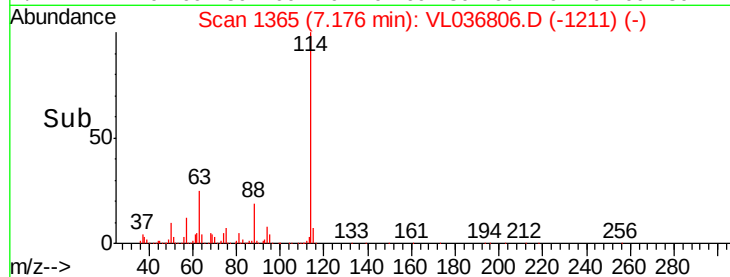
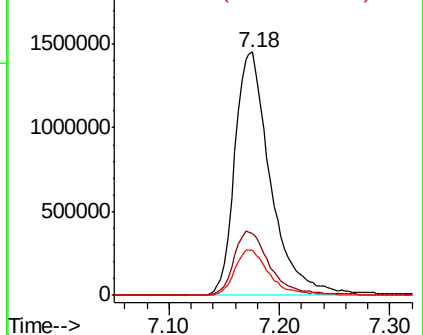


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 13 Apr 2021 16:55

Tot Ion:	114	Resp:	3241299
Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.4	33.6
88	18.7	15.4	23.0

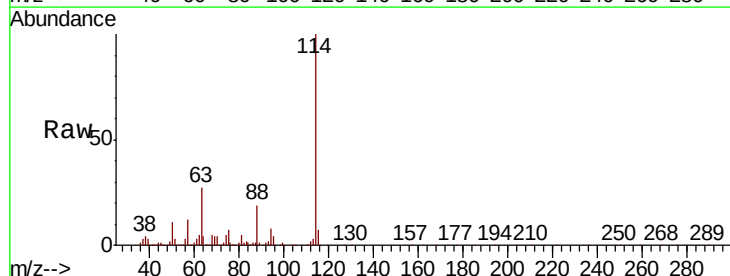


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

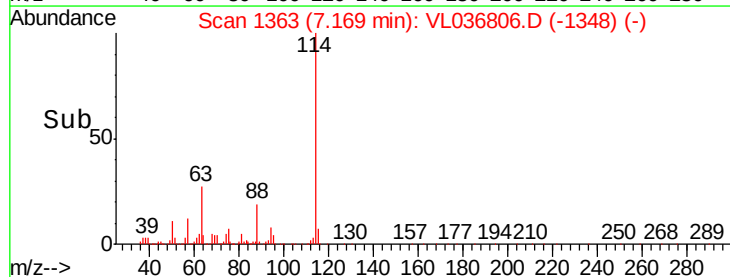
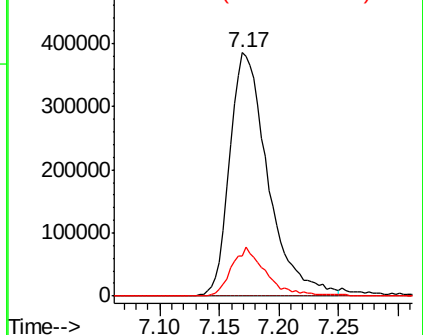


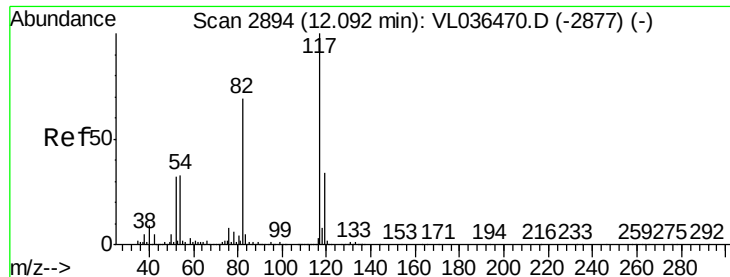
#39
 1,2-Dichloropropane
 Concen: 7.074 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T.: -0.45 min
 Lab File: VL036806.D
 Acq: 13 Apr 2021 16:55

Tgt Ion:	63	Resp:	857753
Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.4	93.6#
62	16.6	52.8	79.2#



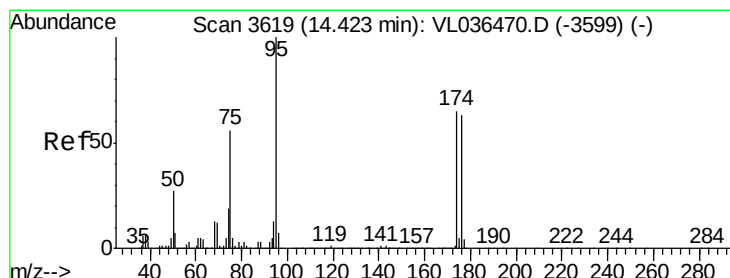
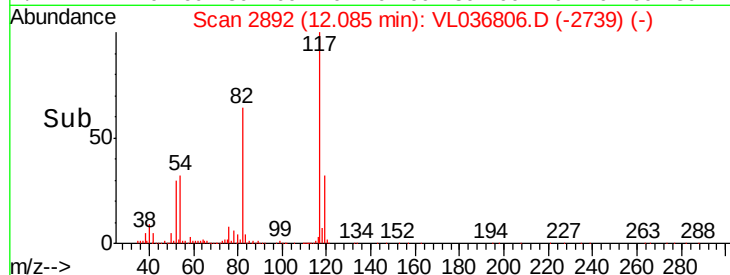
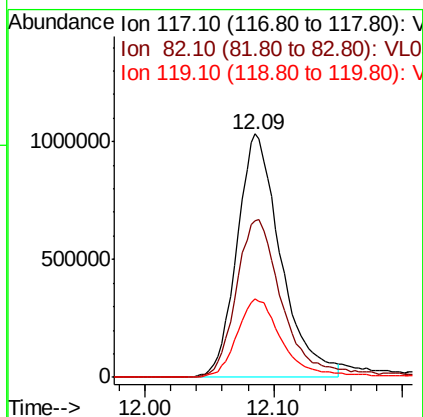
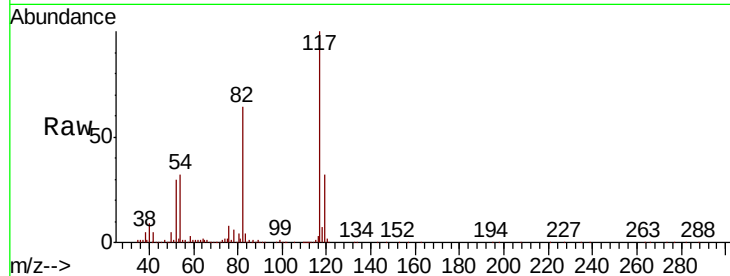
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 13 Apr 2021 16:55

Tot Ion: 117 Resp: 2431832
 Ion Ratio Lower Upper
 117 100
 82 72.1 57.4 86.0
 119 34.5 47.4 71.0#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.173 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T.: -0.00 min
 Lab File: VL036806.D
 Acq: 13 Apr 2021 16:55

Tgt Ion: 95 Resp: 1584060
 Ion Ratio Lower Upper
 95 100
 174 67.3 51.0 76.6
 175 4.8 3.9 5.9

