

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036800.D
 Acq On : 13 Apr 2021 13:06
 Operator : SY/AP
 Sample : OC041221 CAN 10492
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 14 04:39:25 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	1375558	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3335239	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2524137	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1497746	7.44	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	74.40%

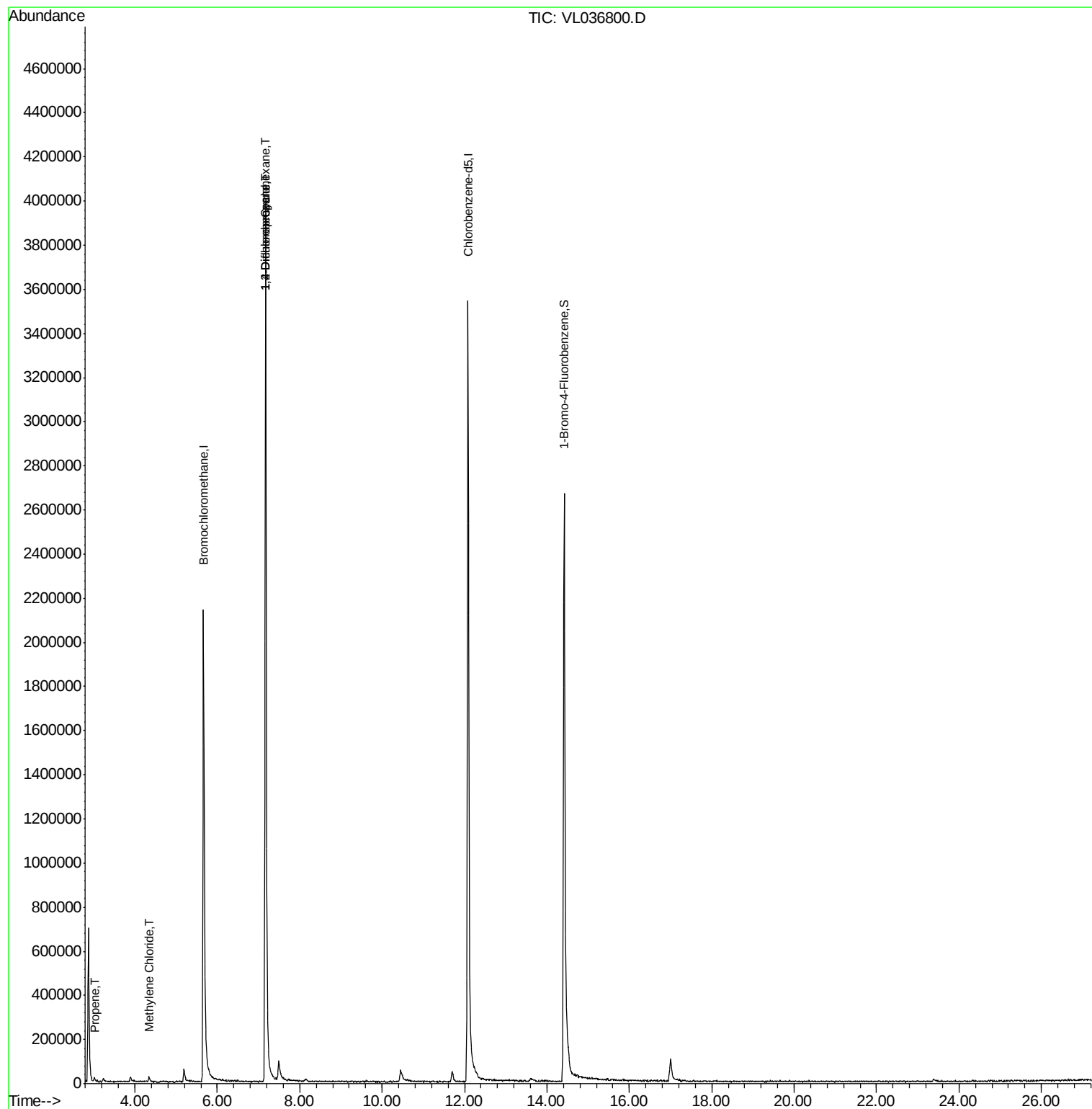
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	4458	0.054	ppbv #	52
20) Methylene Chloride	4.34	84	3688	0.058	ppbv	83
30) Cyclohexane	7.16	84	6193	0.051	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	890073	7.133	ppbv #	23

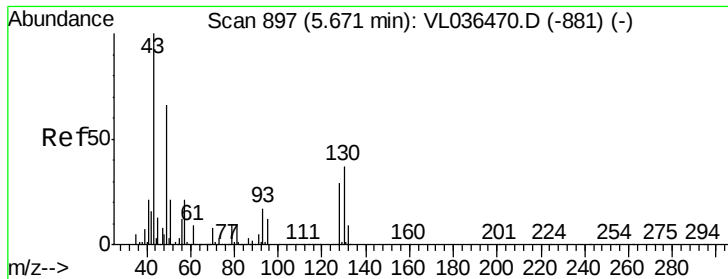
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 13:00

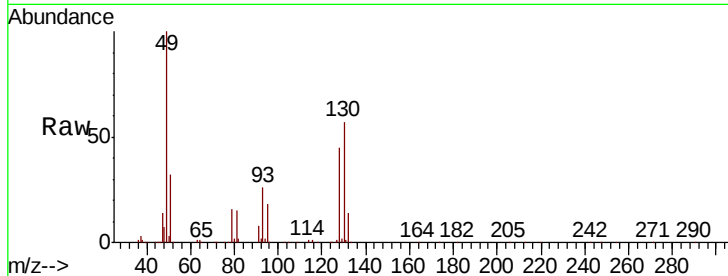
Tot Ion: 49 Resp: 1375558

Ion Ratio Lower Upper

49 100

128 47.1 23.5 70.6

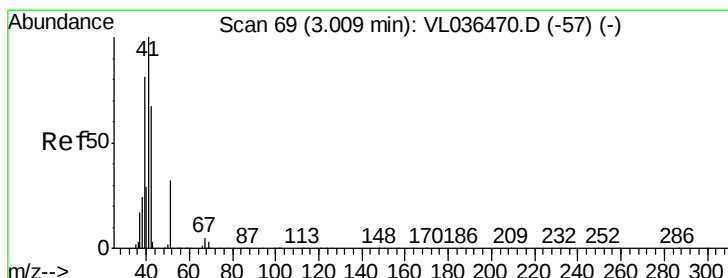
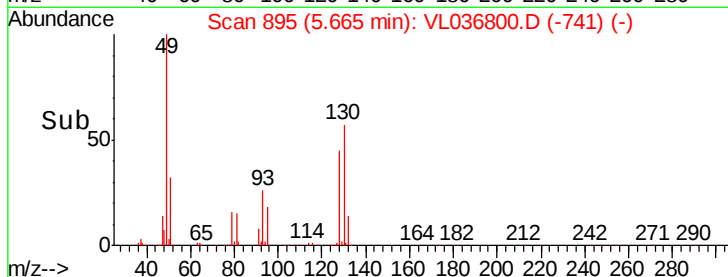
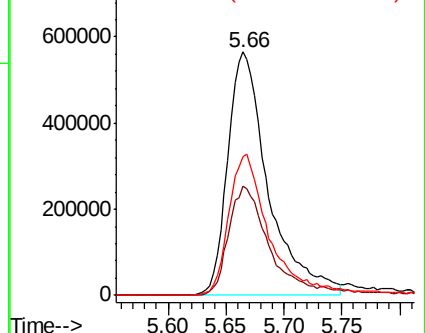
130 59.6 29.1 87.4



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



#9

Propene

Concen: 0.054 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

Lab File: VL036800.D

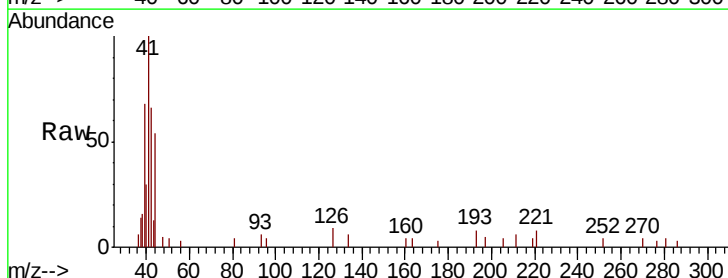
Acq: 13 Apr 2021 13:06

Tgt Ion: 41 Resp: 4458

Ion Ratio Lower Upper

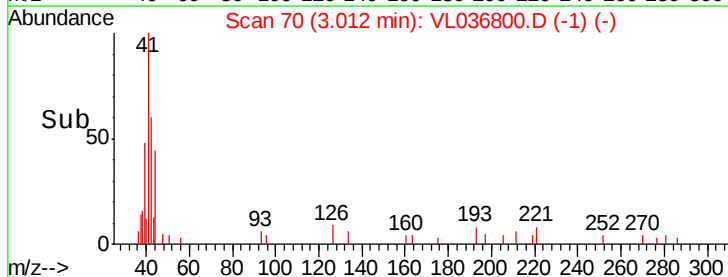
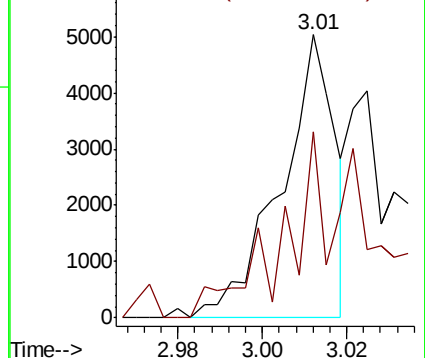
41 100

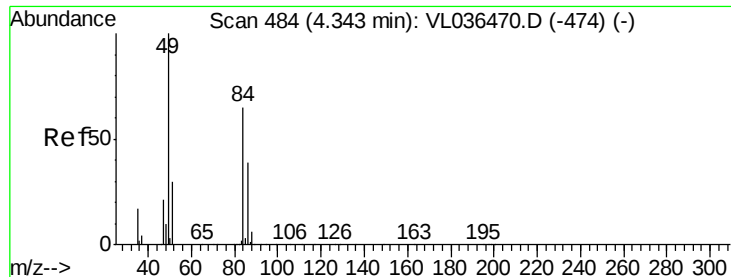
42 110.8 57.0 85.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

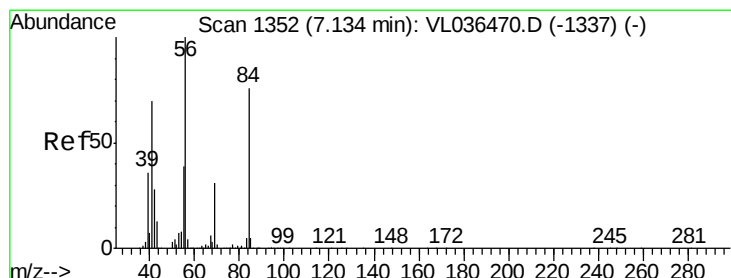
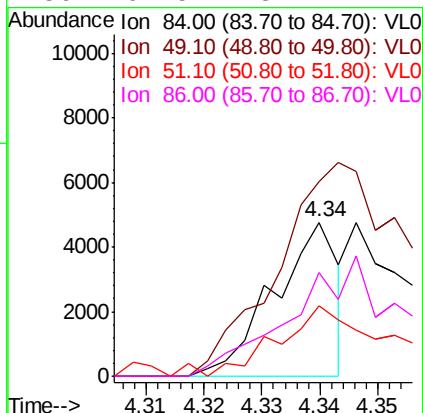
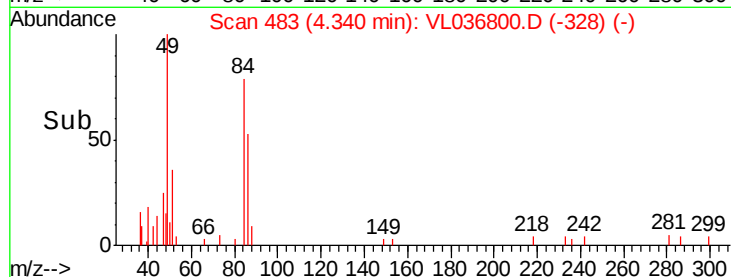
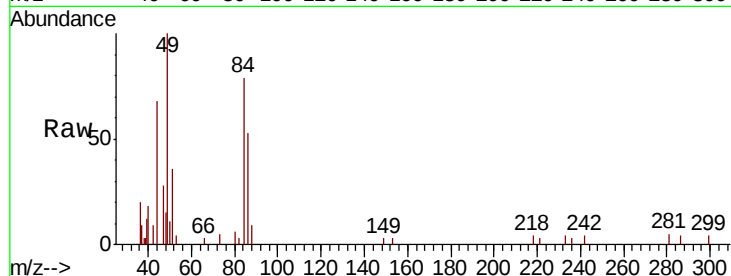
Ion 42.10 (41.80 to 42.80): VL0





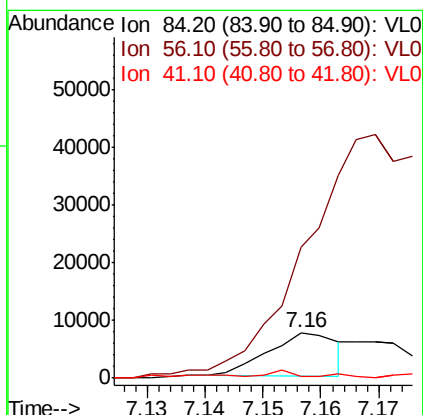
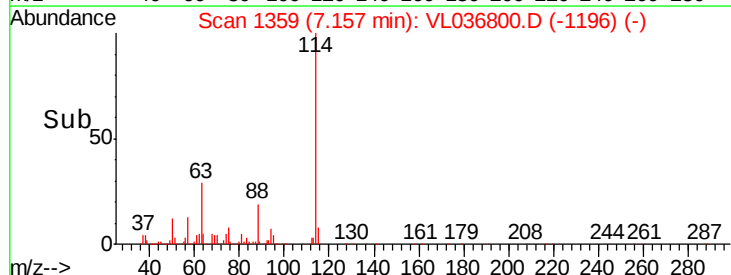
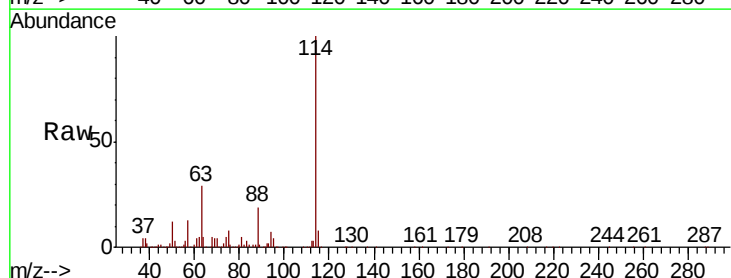
#20
Methylene Chloride
Concen: 0.058 ppbv
RT: 4.34 Instrument: MSVOA_1
Delta R.T. ClientSampleId:
Lab File:
Acq: 13 Apr 2021 13:06

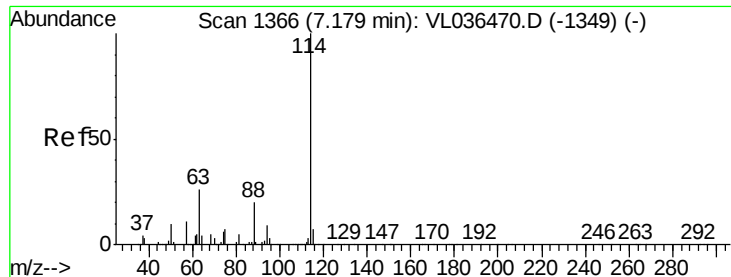
Tot Ion:	84	Resp:	3688
Ion	Ratio	Lower	Upper
84	100		
49	126.7	122.9	184.3
51	37.5	36.9	55.3
86	67.5	48.2	72.4



#30
Cyclohexane
Concen: 0.051 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.02 min
Lab File: VL036800.D
Acq: 13 Apr 2021 13:06

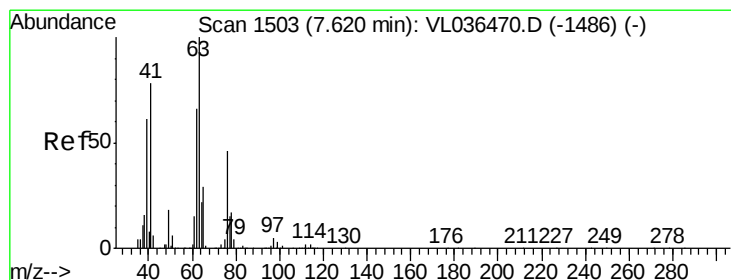
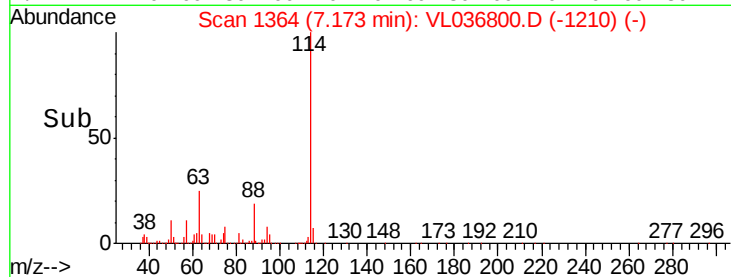
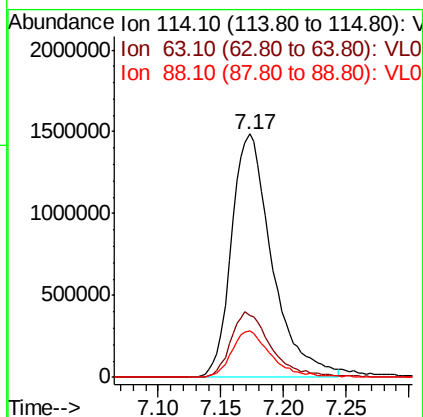
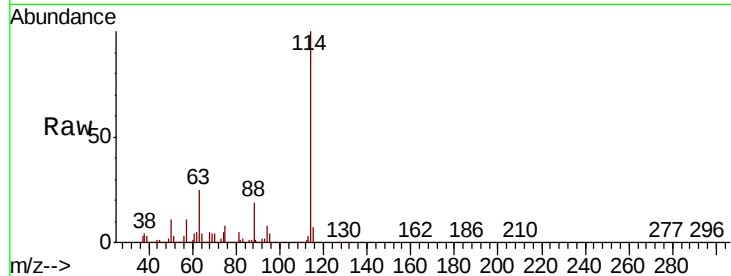
Tgt Ion:	84	Resp:	6193
Ion	Ratio	Lower	Upper
84	100		
56	0.0	114.6	171.8#
41	19.4	75.3	112.9#





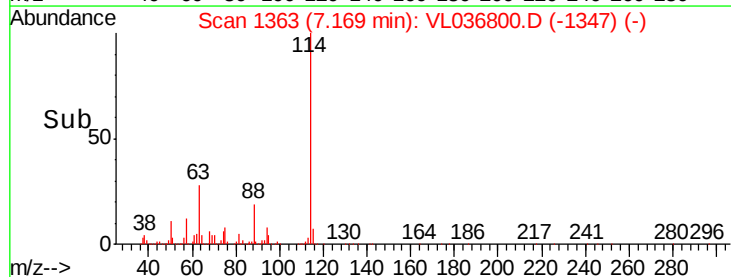
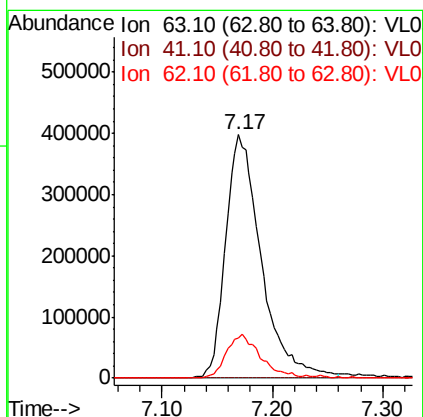
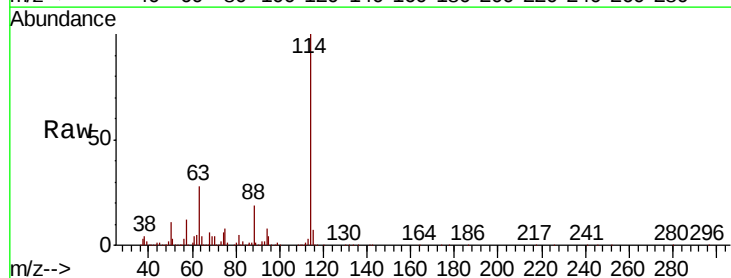
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 13 Apr 2021 13:00

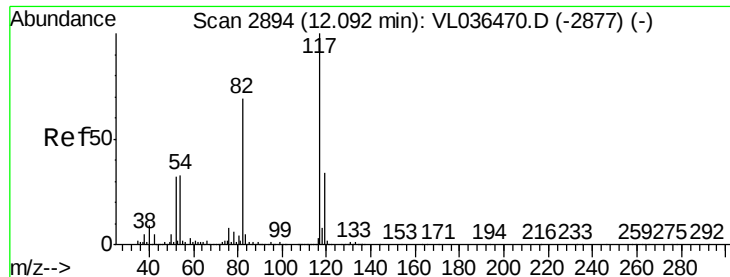
Tot Ion: 114 Resp: 3335239
 Ion Ratio Lower Upper
 114 100
 63 27.3 22.4 33.6
 88 19.1 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 7.133 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.45 min
 Lab File: VL036800.D
 Acq: 13 Apr 2021 13:06

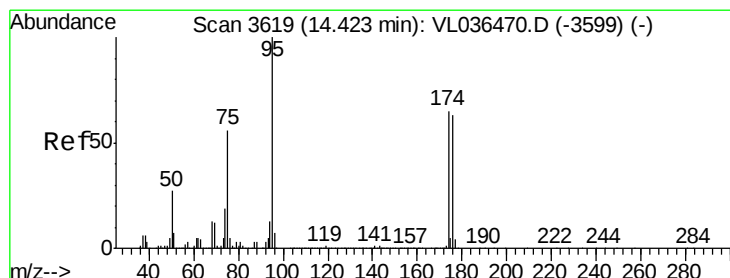
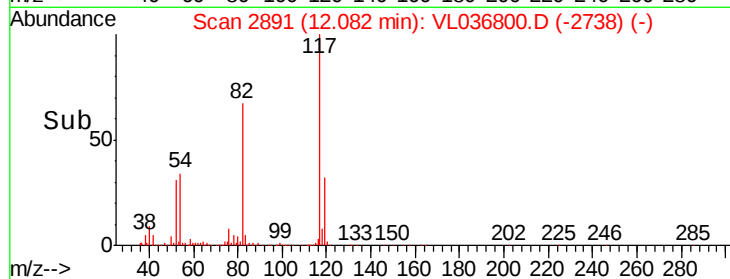
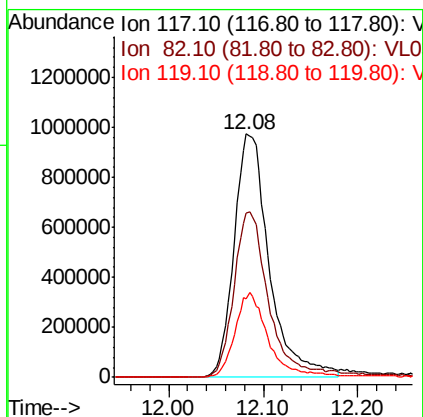
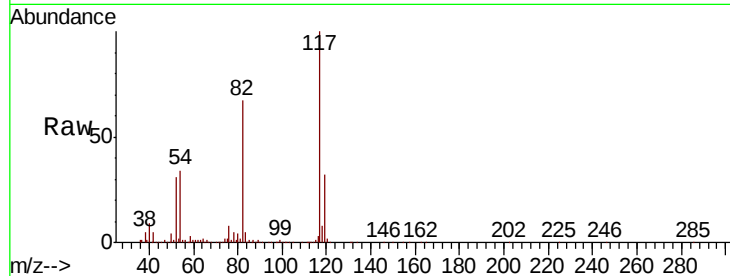
Tgt Ion: 63 Resp: 890073
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.4 93.6#
 62 16.5 52.8 79.2#





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 13 Apr 2021 13:00

Tot Ion: 117 Resp: 2524137
 Ion Ratio Lower Upper
 117 100
 82 70.6 57.4 86.0
 119 33.9 47.4 71.0#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.445 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T.: -0.00 min
 Lab File: VL036800.D
 Acq: 13 Apr 2021 13:06

Tgt Ion: 95 Resp: 1497746
 Ion Ratio Lower Upper
 95 100
 174 67.8 51.0 76.6
 175 5.1 3.9 5.9

