

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021021\
 Data File : VL036339.D
 Acq On : 11 Feb 2021 5:13
 Operator : SY/AP
 Sample : OC020921 CAN 10673
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 11 06:14:40 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1615893	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3622190	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3272050	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2794213	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

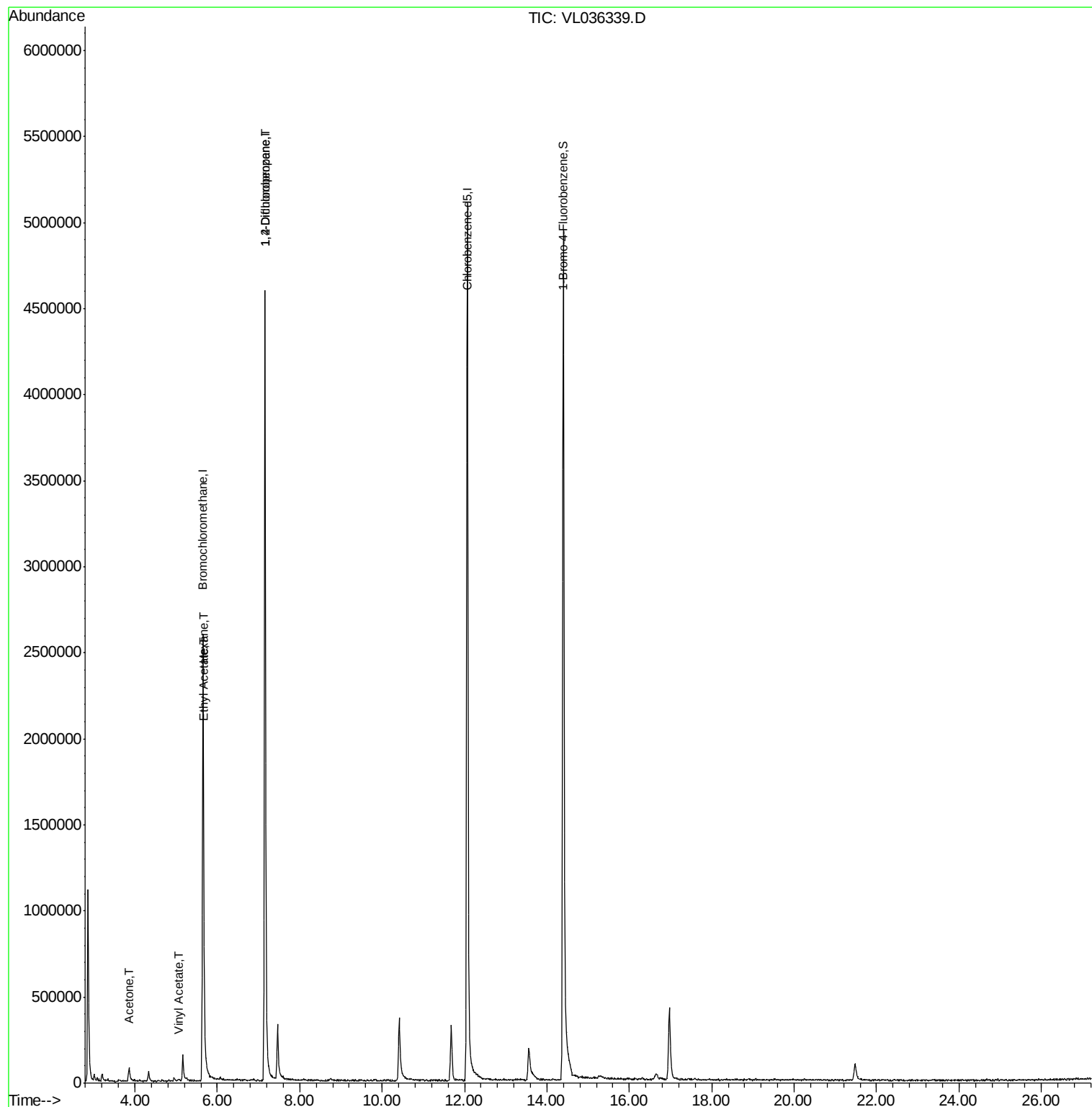
Target Compounds					Ovalue
15) Acetone	3.84	43	30120	0.152 ppbv #	50
23) Vinyl Acetate	5.06	43	6992	0.030 ppbv #	79
25) Ethyl Acetate	5.67	43	21320	0.056 ppbv #	84
26) Hexane	5.67	57	24374	0.156 ppbv #	37
39) 1,2-Dichloropropane	7.15	63	1051985	8.416 ppbv #	23

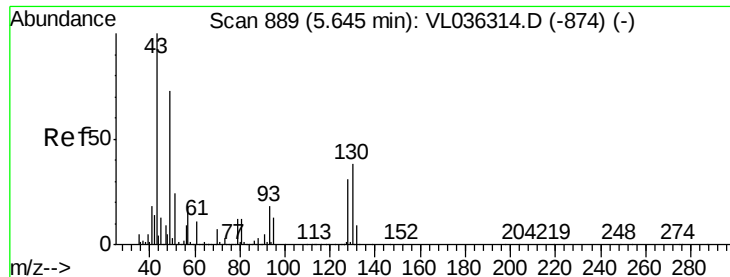
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. 0.00 min

Lab File: VL036339.D

Acq: 11 Feb 2021 5:13

Instrument :

MSVOA_L

ClientSampleId :

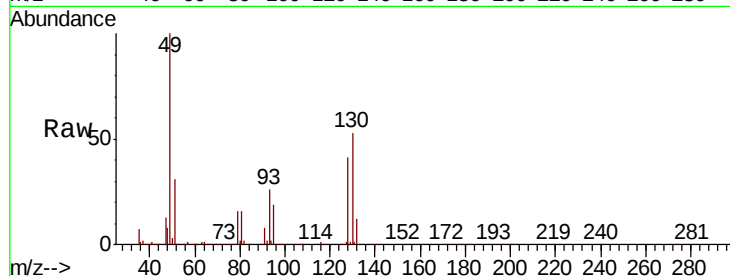
Tot Ion: 49 Resp: 1615893

Ion Ratio Lower Upper

49 100

128 41.7 20.8 62.5

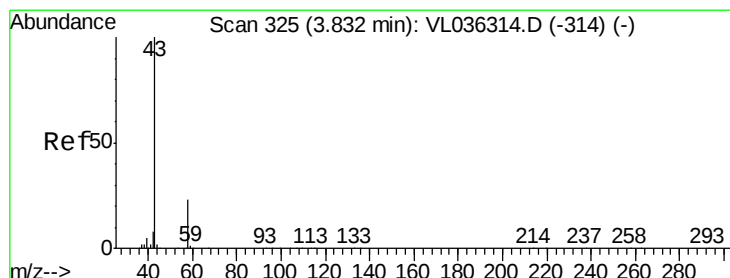
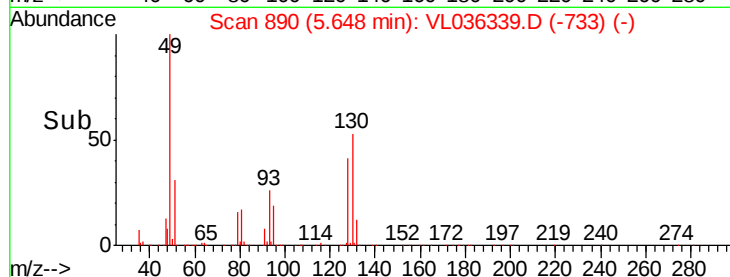
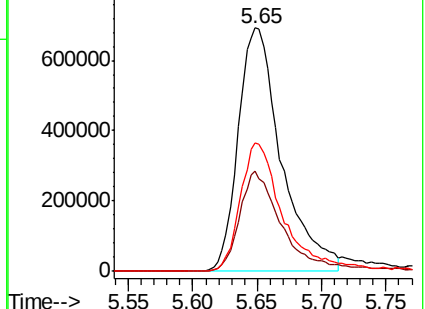
130 53.2 26.7 80.1



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: 0.152 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.01 min

Lab File: VL036339.D

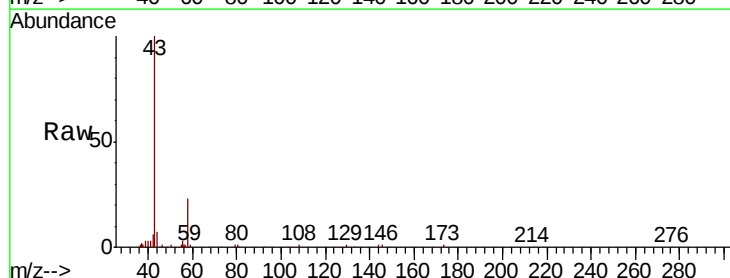
Acq: 11 Feb 2021 5:13

Tgt Ion: 43 Resp: 30120

Ion Ratio Lower Upper

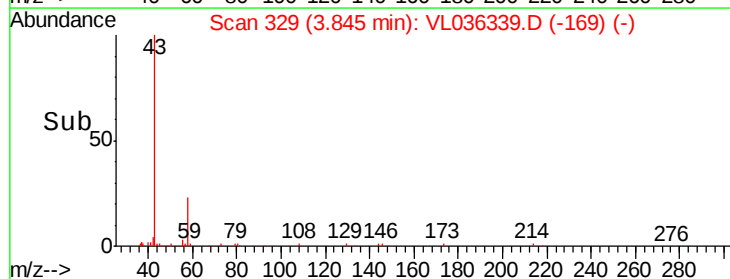
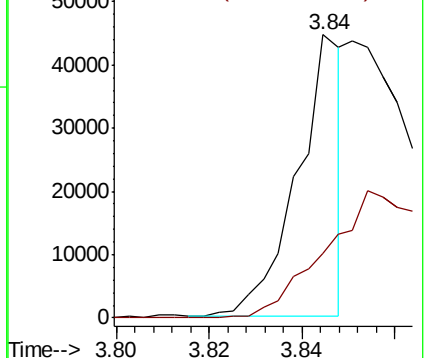
43 100

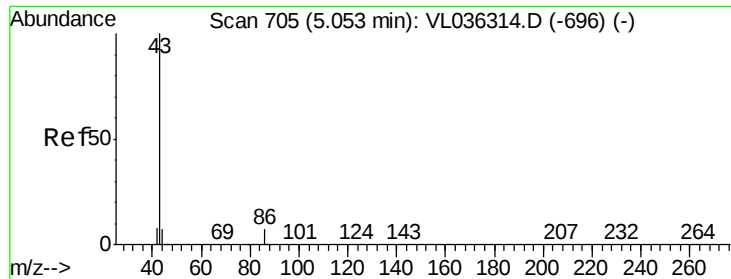
58 0.0 20.3 30.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

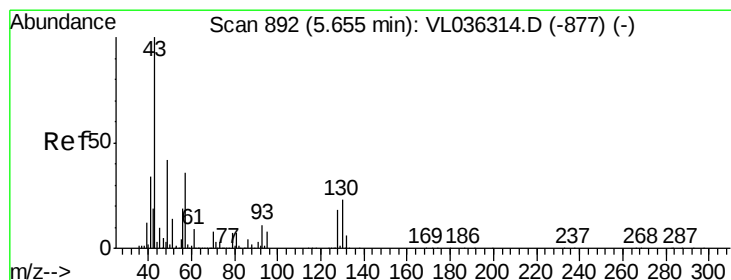
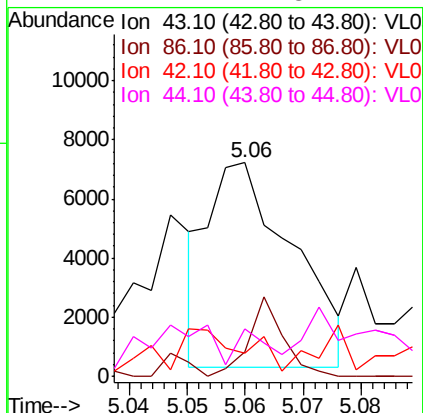
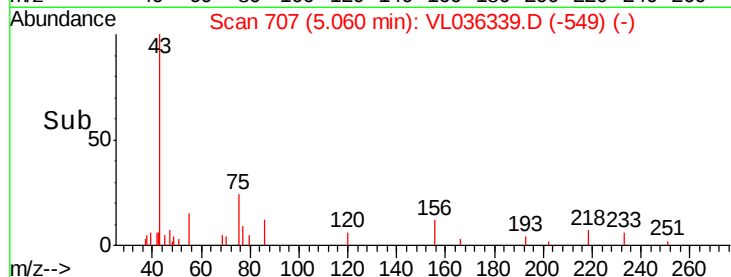
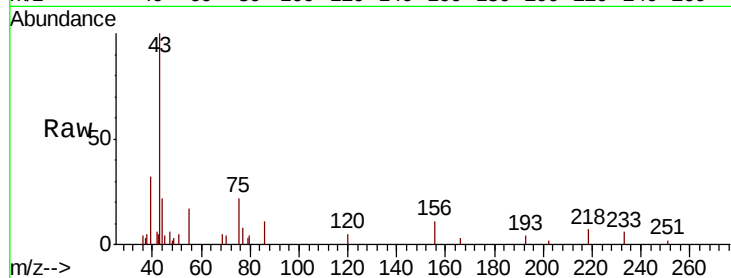




#23
 Vinyl Acetate
 Concen: 0.030 ppbv
 RT: 5.06 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: VL036339.D
 Acq: 11 Feb 2021 5:13

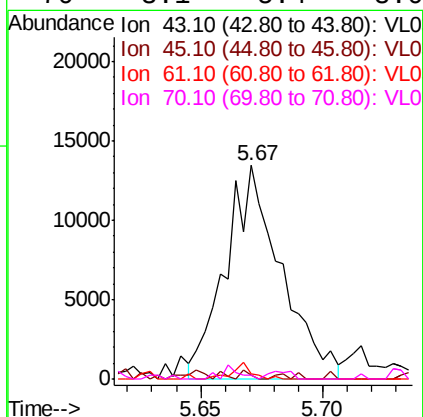
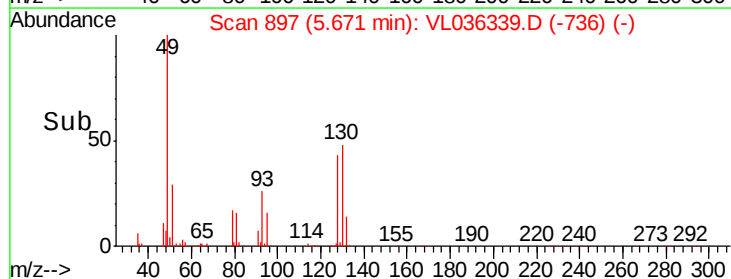
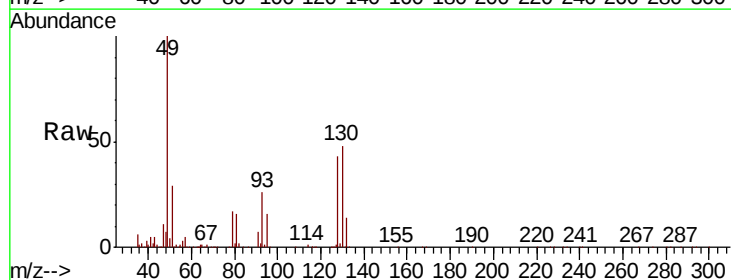
Instrument :
 MSVOA_L
 ClientSampleId :

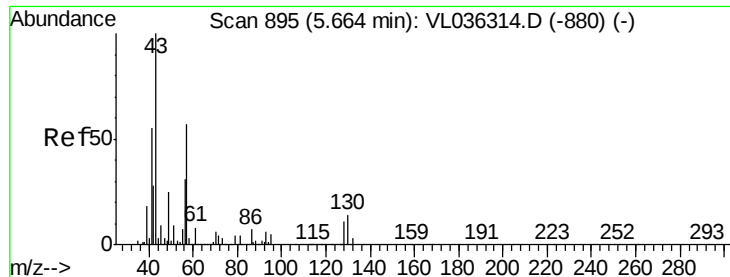
Tot Ion:	43	Resp:	6992
Ion	Ratio	Lower	Upper
43	100		
86	16.0	4.8	7.2#
42	0.0	7.4	11.0#
44	7.4	4.8	7.2#



#25
 Ethyl Acetate
 Concen: 0.056 ppbv
 RT: 5.67 min Scan# 897
 Delta R.T. 0.02 min
 Lab File: VL036339.D
 Acq: 11 Feb 2021 5:13

Tgt Ion:	43	Resp:	21320
Ion	Ratio	Lower	Upper
43	100		
45	3.5	8.3	12.5#
61	2.6	7.3	10.9#
70	3.1	5.4	8.0#





#26

Hexane

Concen: 0.156 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

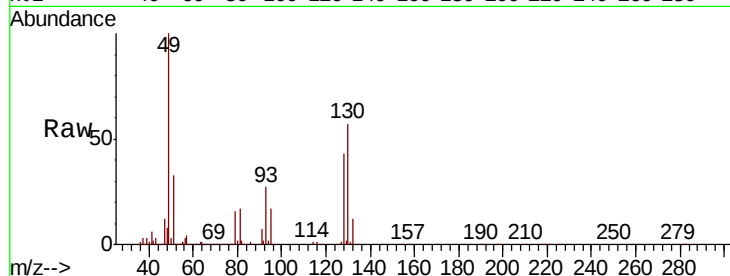
Lab File: VL036339.D

Acq: 11 Feb 2021 5:13

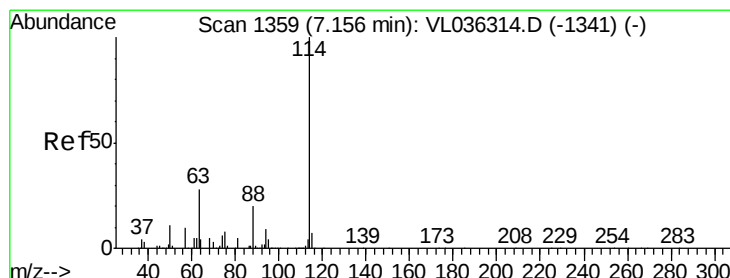
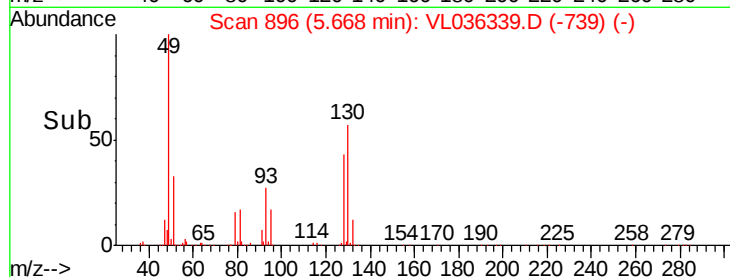
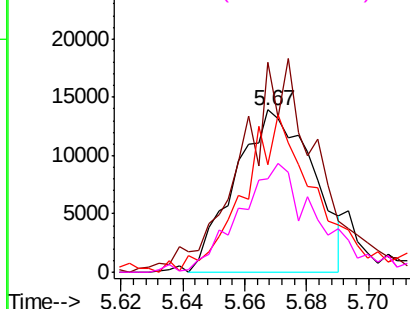
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 24374

Ion	Ratio	Lower	Upper
57	100		
41	134.4	81.7	122.5#
43	102.7	199.1	298.7#
56	74.1	44.0	66.0#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1359

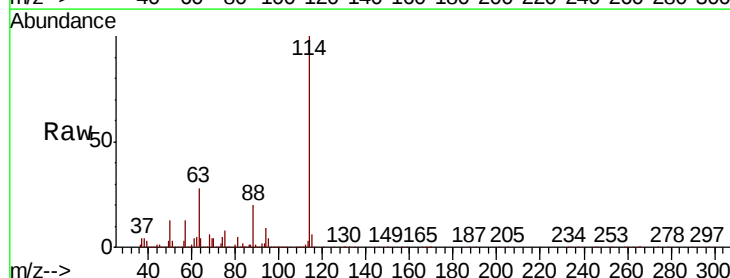
Delta R.T. 0.00 min

Lab File: VL036339.D

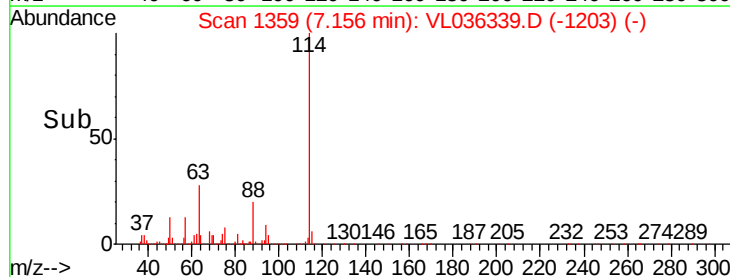
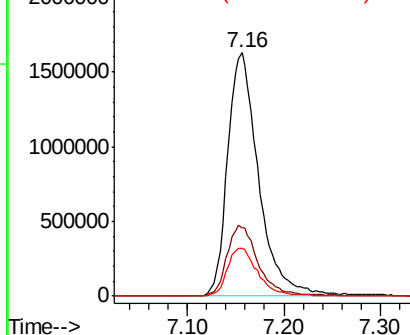
Acq: 11 Feb 2021 5:13

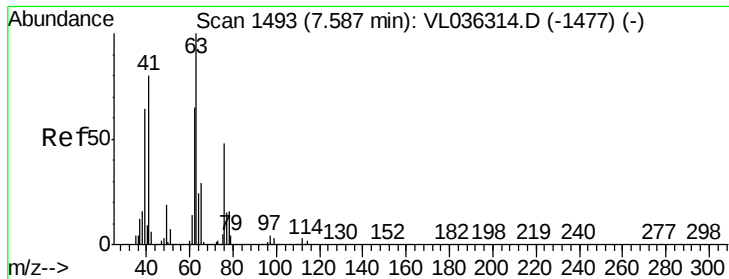
Tgt Ion: 114 Resp: 3622190

Ion	Ratio	Lower	Upper
114	100		
63	29.7	24.1	36.1
88	19.8	16.0	24.0



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

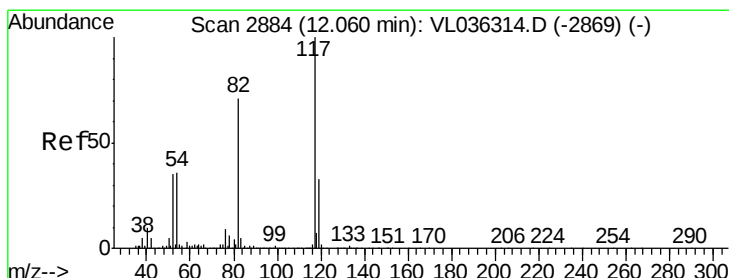
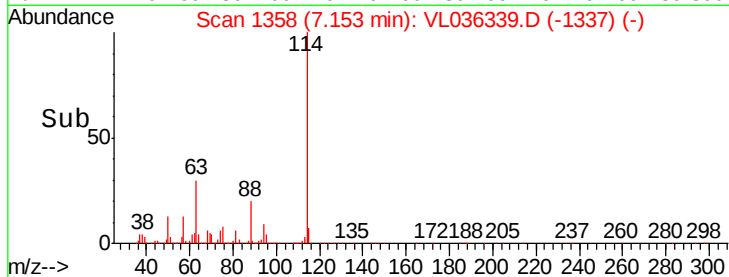
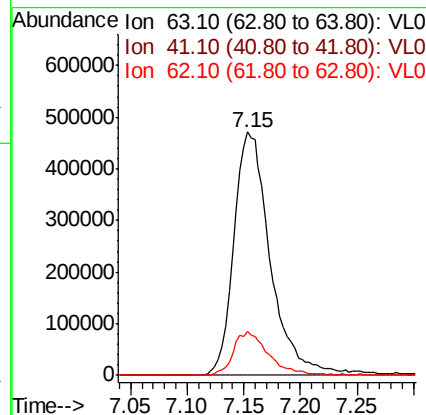
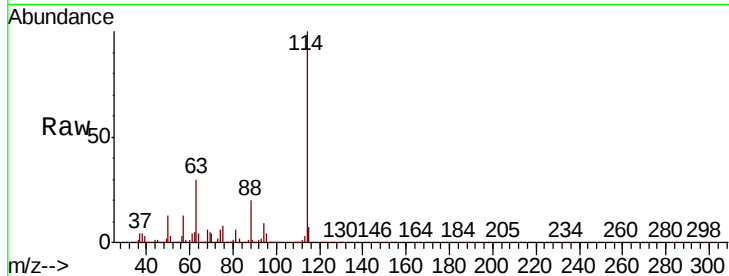




#39
 1,2-Dichloropropane
 Concen: 8.416 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.43 min
 Lab File: VL036339.D
 Acq: 11 Feb 2021 5:13

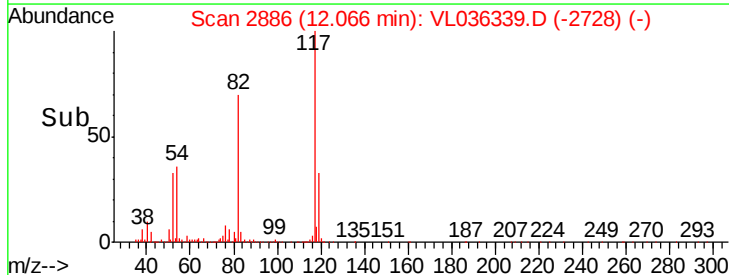
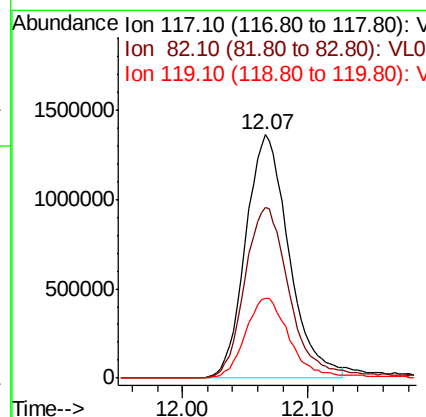
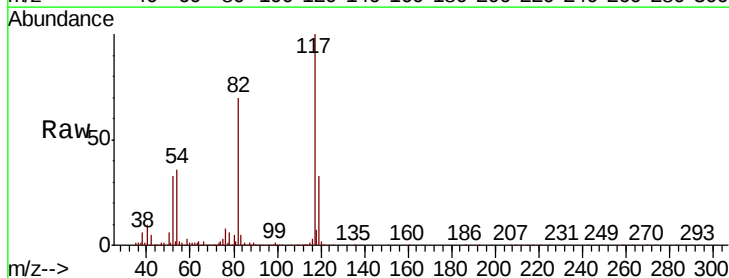
Instrument :
 MSVOA_L
 ClientSampled :

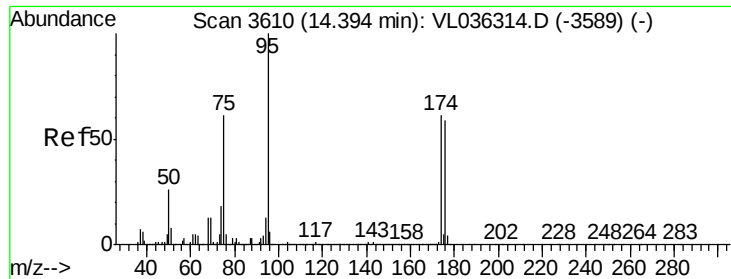
Tot Ion: 63 Resp: 1051985
 Ion Ratio Lower Upper
 63 100
 41 0.0 63.8 95.6#
 62 17.9 52.3 78.5#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2886
 Delta R.T. 0.01 min
 Lab File: VL036339.D
 Acq: 11 Feb 2021 5:13

Tgt Ion: 117 Resp: 3272050
 Ion Ratio Lower Upper
 117 100
 82 74.6 59.1 88.7
 119 34.6 46.3 69.5#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.379 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. 0.00 min

Lab File: VL036339.D

Acq: 11 Feb 2021 5:13

Instrument :

MSVOA_L

ClientSampleId :

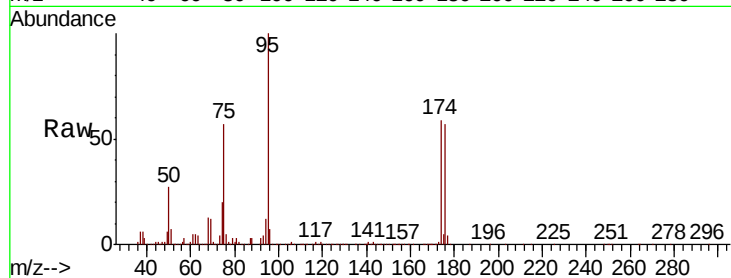
Tot Ion: 95 Resp: 2794213

Ion Ratio Lower Upper

95 100

174 62.0 49.8 74.6

175 4.5 3.7 5.5



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

