

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032921\
 Data File : VL036537.D
 Acq On : 29 Mar 2021 12:33
 Operator : SY/AP
 Sample : VL0329ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 30 06:39:23 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	1554931	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3489019	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3187996	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2468022	9.71	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.10%

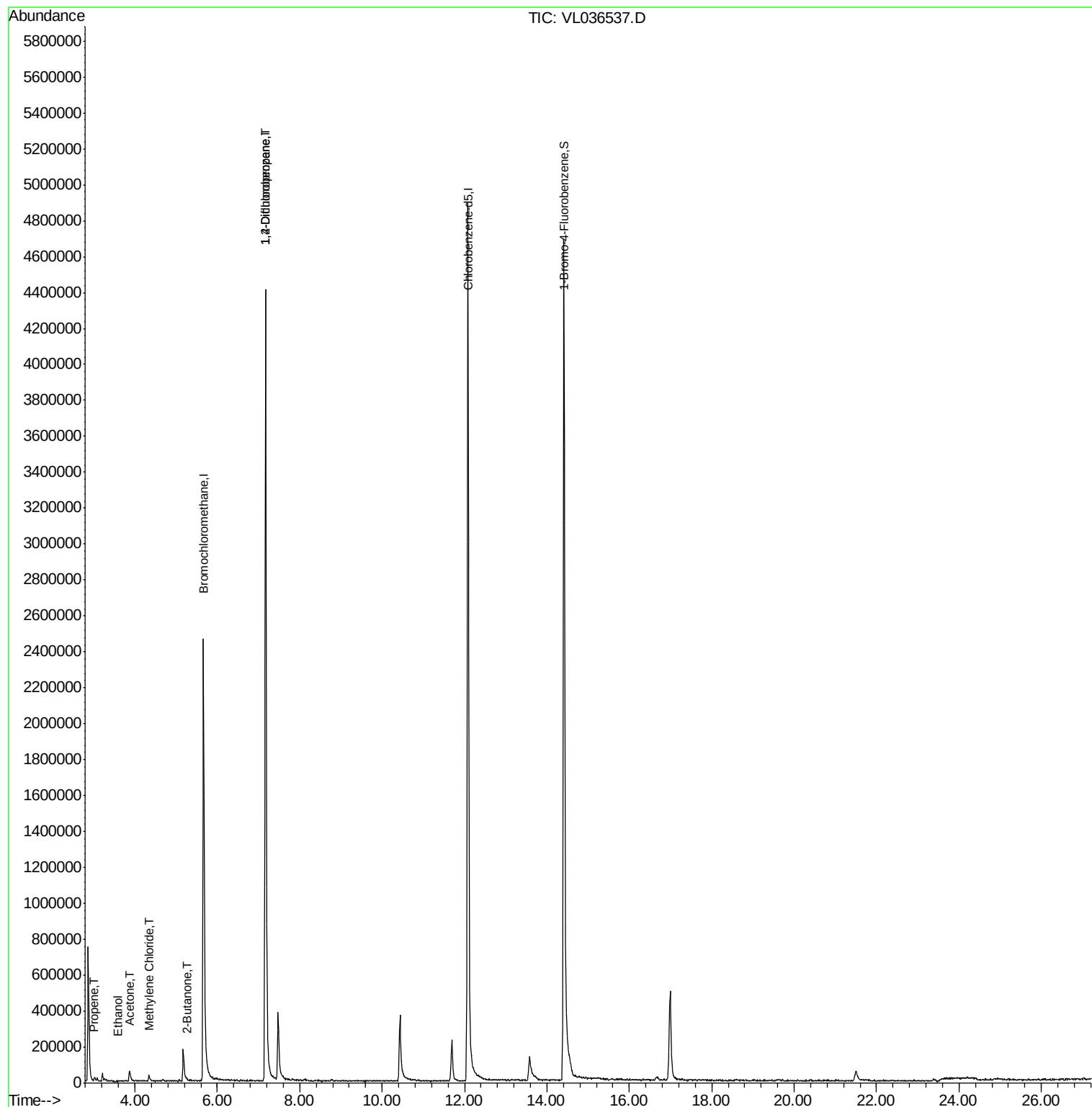
Target Compounds					Ovalue
9) Propene	3.01	41	3623	0.039 ppbv #	14
13) Ethanol	3.60	45	608	0.055 ppbv #	34
15) Acetone	3.86	43	42595	0.278 ppbv #	48
20) Methylene Chloride	4.34	84	4732	0.066 ppbv #	70
34) 2-Butanone	5.26	43	6816	0.040 ppbv #	55
39) 1,2-Dichloropropane	7.17	63	989370	7.580 ppbv #	24

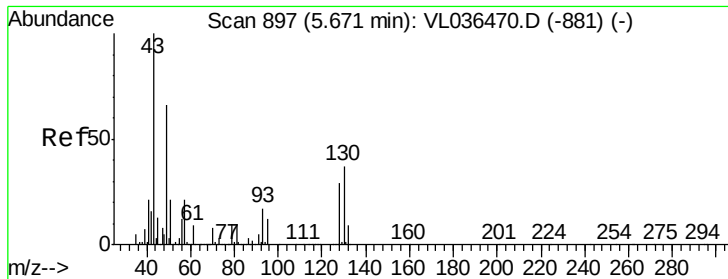
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

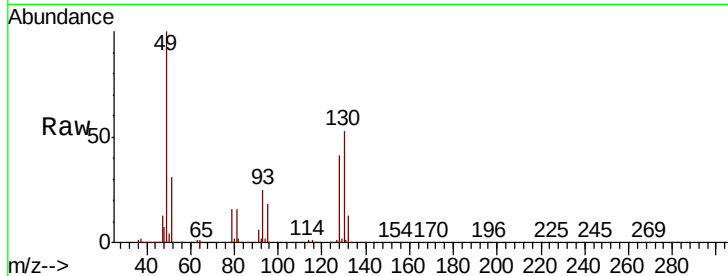
Lab File: VL036537.D

Acq: 29 Mar 2021 12:33

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 49 Resp: 1554931

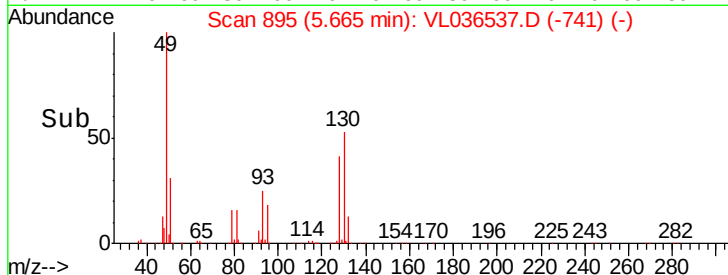
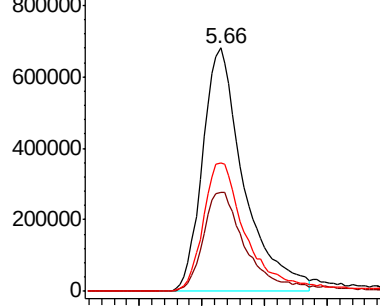
Ion	Ratio	Lower	Upper
49	100		
128	44.5	23.5	70.6
130	57.0	29.1	87.4



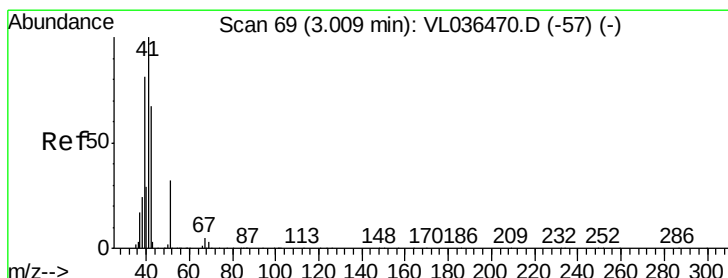
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#9

Propene

Concen: 0.039 ppbv

RT: 3.01 min Scan# 70

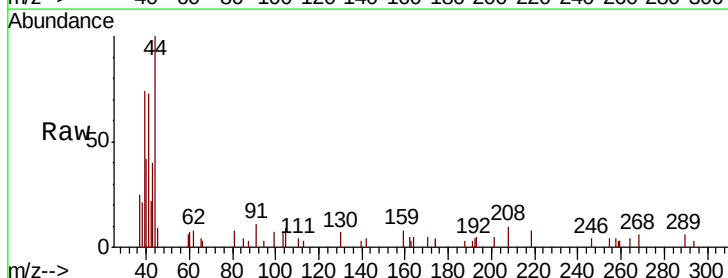
Delta R.T. 0.00 min

Lab File: VL036537.D

Acq: 29 Mar 2021 12:33

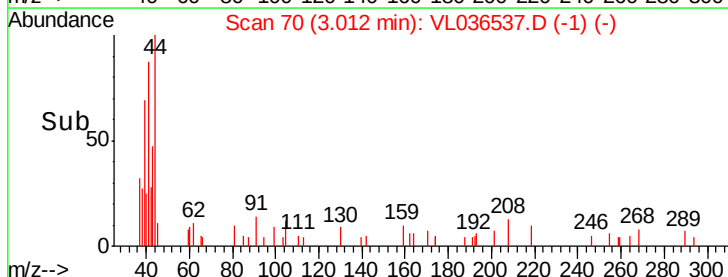
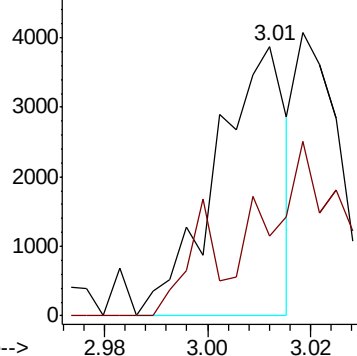
Tgt Ion: 41 Resp: 3623

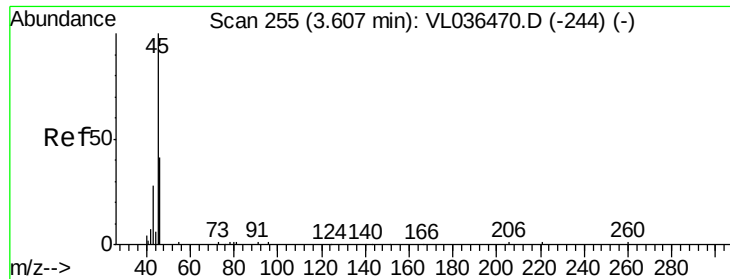
Ion	Ratio	Lower	Upper
41	100		
42	0.0	57.0	85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

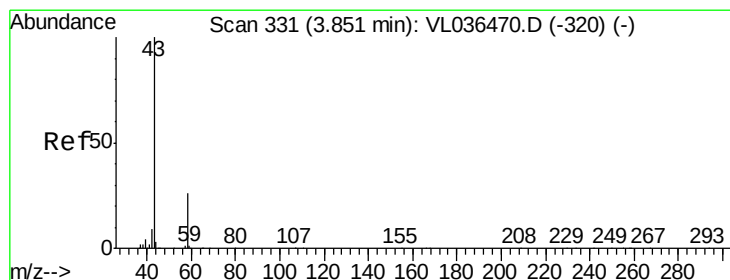
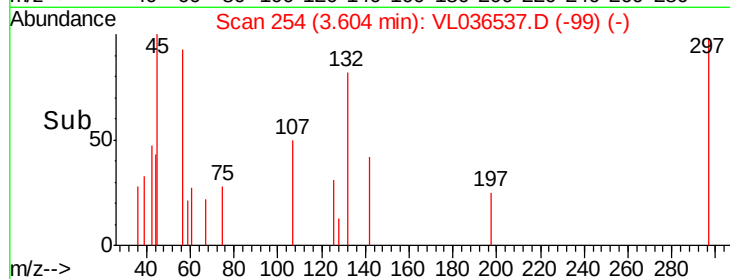
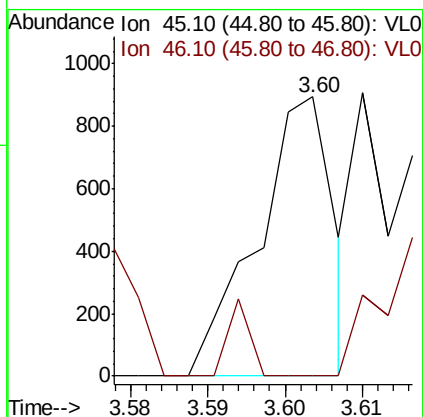
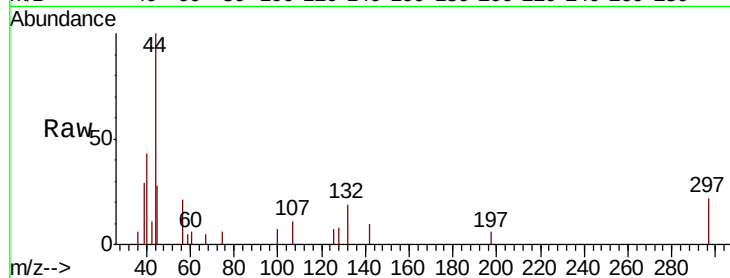




#13
Ethanol
Concen: 0.055 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.00 min
Lab File: VL036537.D
Acq: 29 Mar 2021 12:33

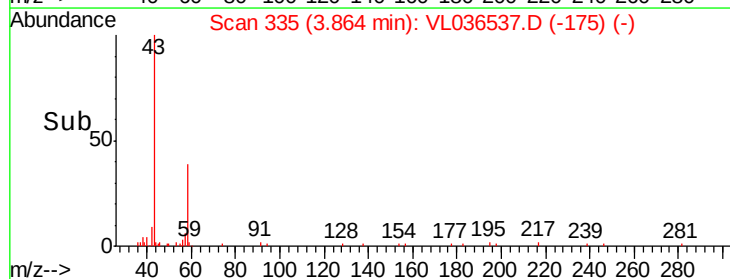
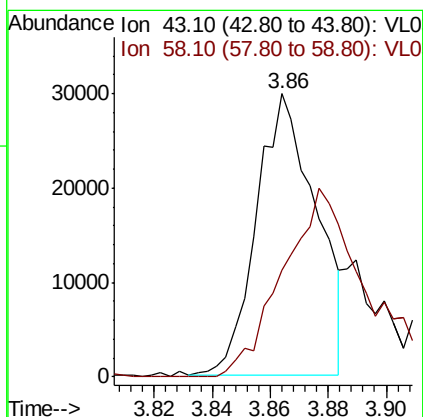
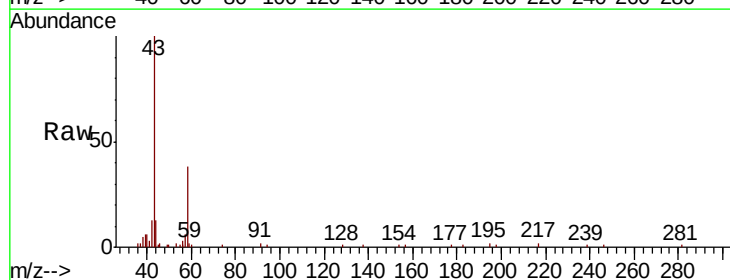
Instrument :
MSVOA_L
ClientSampleId :

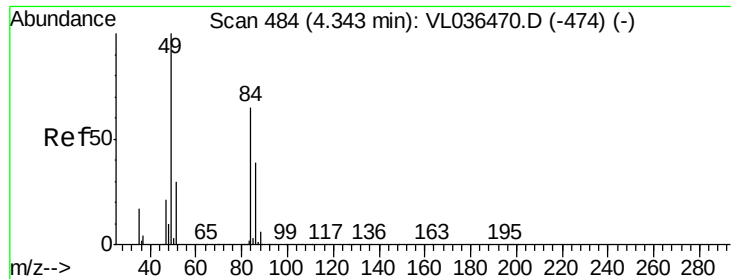
Tot Ion: 45 Resp: 608
Ion Ratio Lower Upper
45 100
46 0.0 16.6 66.2#



#15
Acetone
Concen: 0.278 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL036537.D
Acq: 29 Mar 2021 12:33

Tgt Ion: 43 Resp: 42595
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#

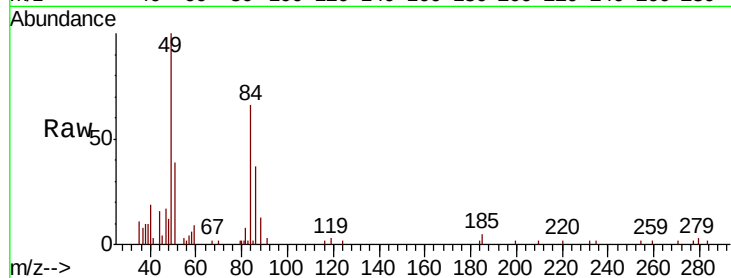




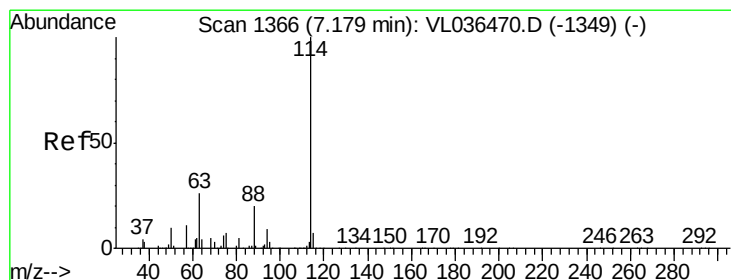
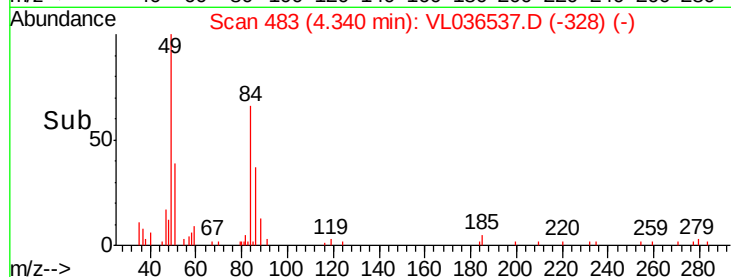
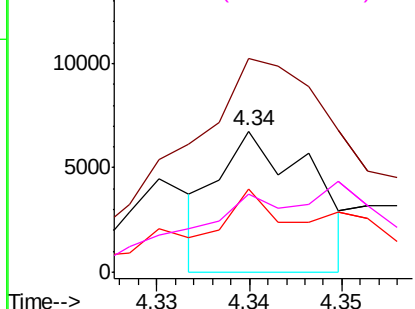
#20
Methylene Chloride
Concen: 0.066 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL036537.D
Acq: 29 Mar 2021 12:33

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 84 Resp: 4732
Ion Ratio Lower Upper
84 100
49 107.9 122.9 184.3#
51 61.3 36.9 55.3#
86 42.9 48.2 72.4#

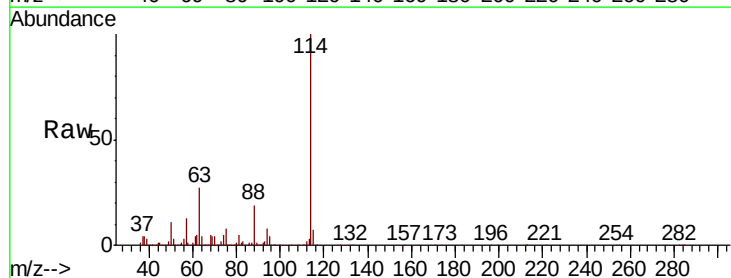


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

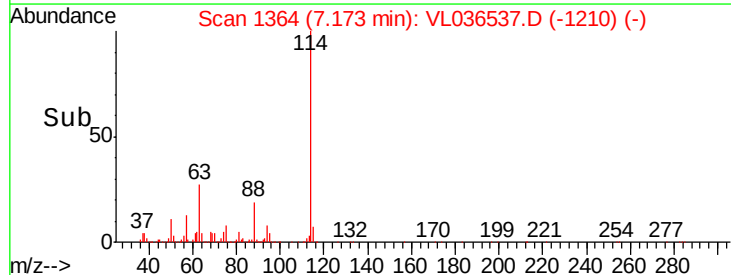
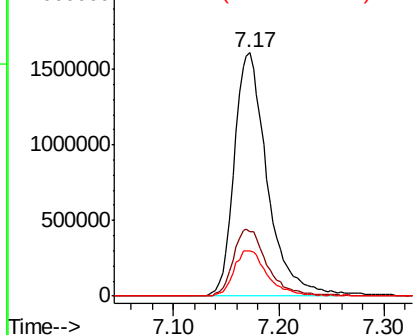


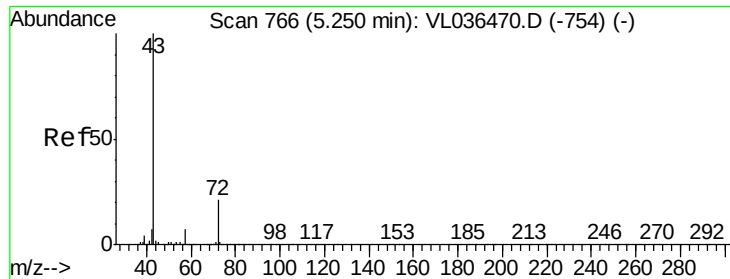
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL036537.D
Acq: 29 Mar 2021 12:33

Tgt Ion: 114 Resp: 3489019
Ion Ratio Lower Upper
114 100
63 28.6 22.4 33.6
88 19.3 15.4 23.0



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

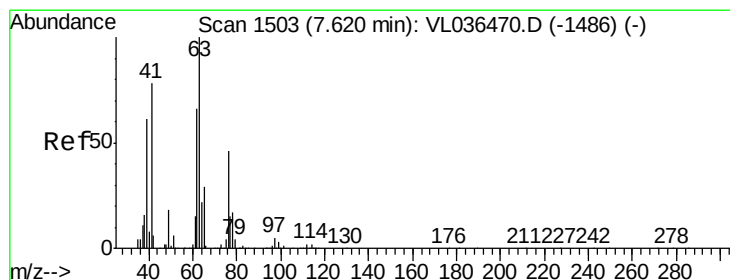
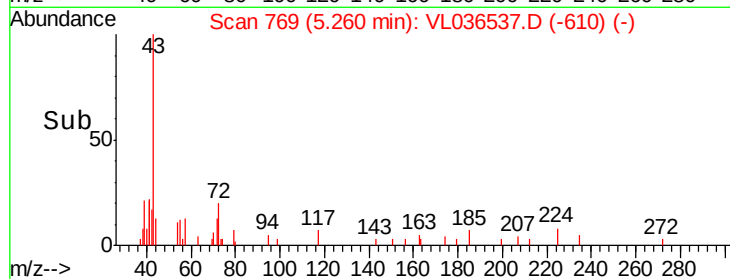
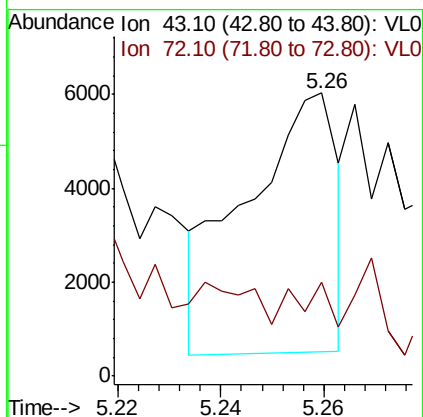
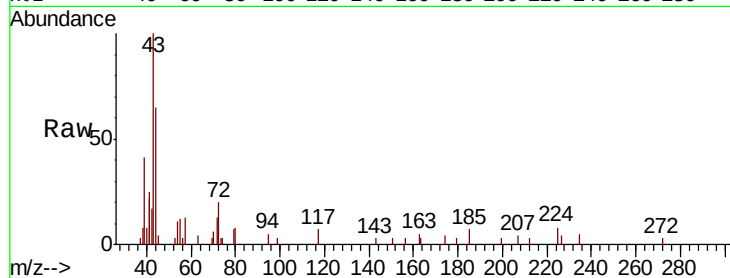




#34
2-Butanone
Concen: 0.040 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL036537.D
Acq: 29 Mar 2021 12:33

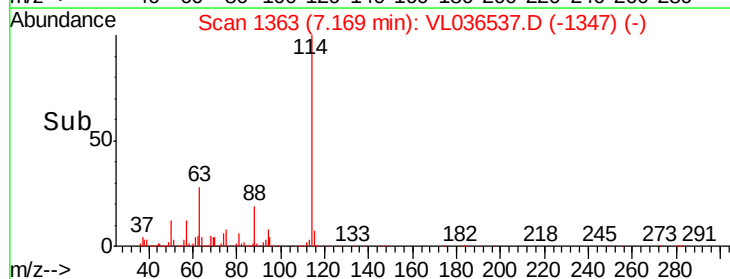
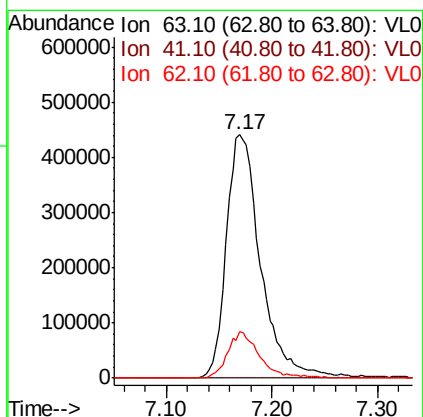
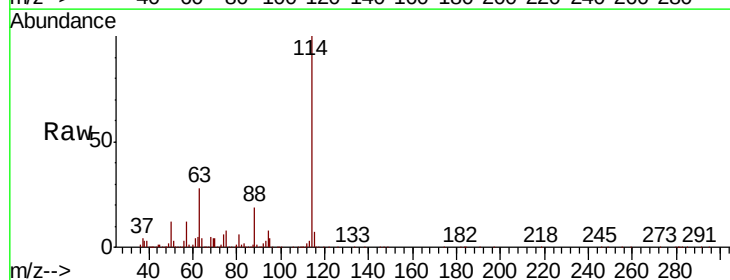
Instrument :
MSVOA_L
ClientSampleId :

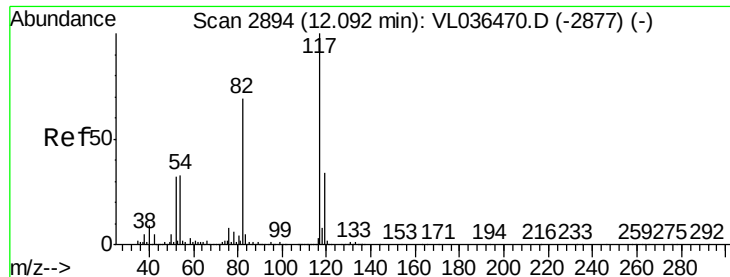
Tot Ion: 43 Resp: 6816
Ion Ratio Lower Upper
43 100
72 0.0 17.0 25.6#



#39
1,2-Dichloropropane
Concen: 7.580 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.45 min
Lab File: VL036537.D
Acq: 29 Mar 2021 12:33

Tgt Ion: 63 Resp: 989370
Ion Ratio Lower Upper
63 100
41 0.1 62.4 93.6#
62 18.9 52.8 79.2#

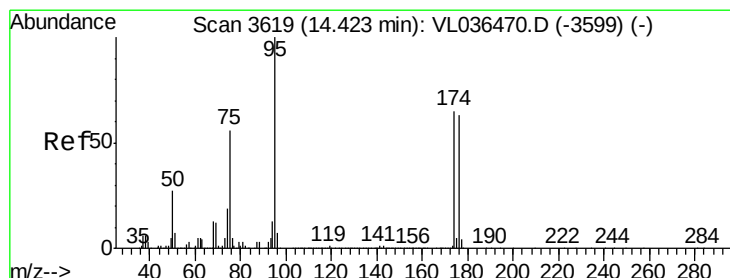
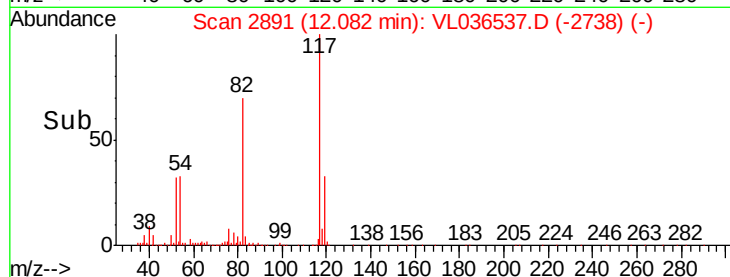
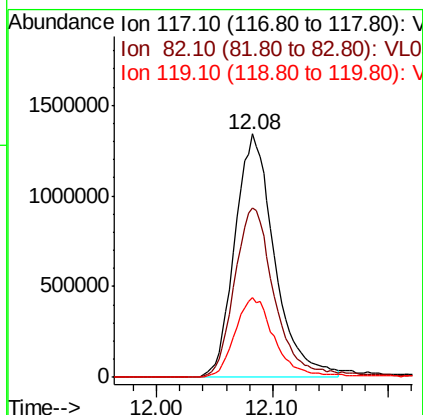
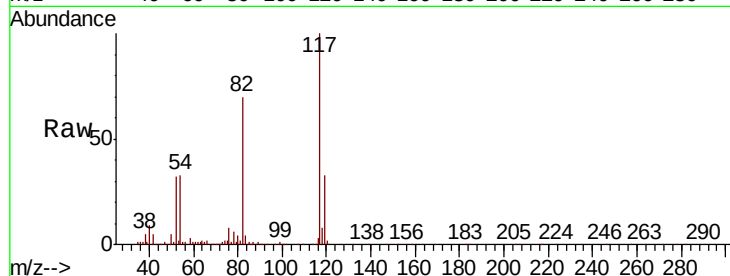




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL036537.D
Acq: 29 Mar 2021 12:33

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3187996
Ion Ratio Lower Upper
117 100
82 72.9 57.4 86.0
119 33.9 47.4 71.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.713 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL036537.D
Acq: 29 Mar 2021 12:33

Tgt Ion: 95 Resp: 2468022
Ion Ratio Lower Upper
95 100
174 67.4 51.0 76.6
175 4.7 3.9 5.9

