

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042821\
 Data File : VL036891.D
 Acq On : 28 Apr 2021 22:28
 Operator : SY/AP
 Sample : OC042721 CAN 10300
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 29 03:11:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1350291	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3164650	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2842766	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2232238	9.78	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

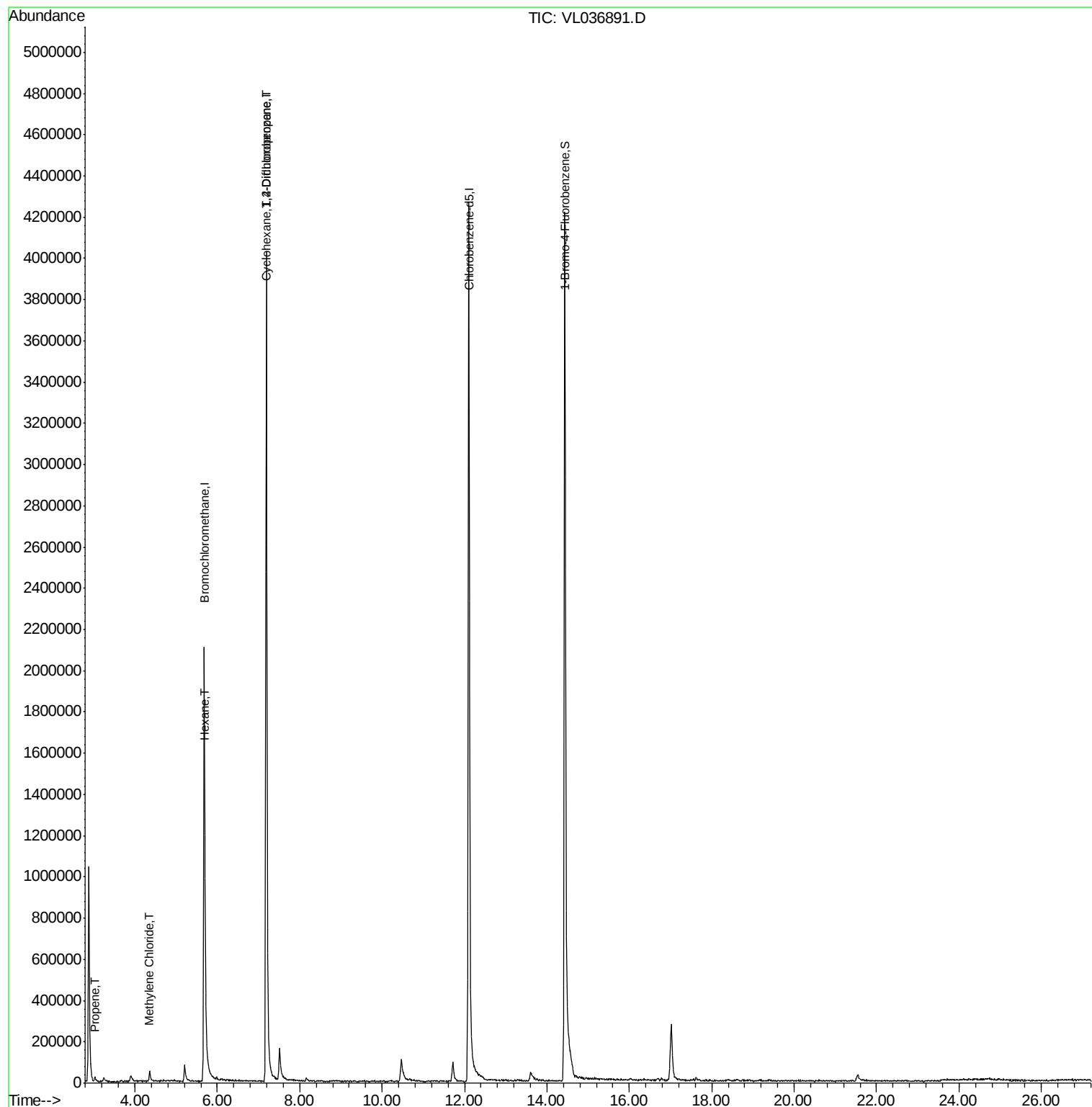
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	2898	0.039	ppbv #	1
20) Methylene Chloride	4.36	84	17217	0.283	ppbv #	82
26) Hexane	5.70	57	5372	0.037	ppbv #	42
30) Cyclohexane	7.17	84	13024	0.113	ppbv #	3
39) 1,2-Dichloropropane	7.19	63	842561	7.887	ppbv #	24

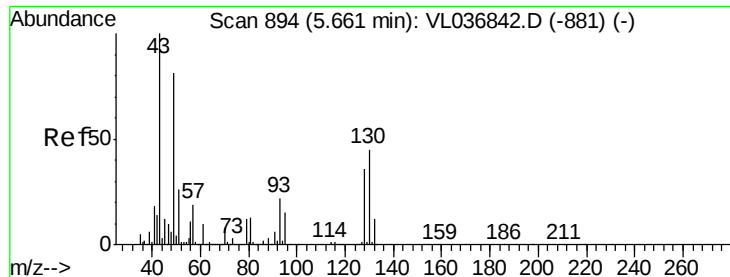
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL042821\
Data File : VL036891.D
Acq On : 28 Apr 2021 22:28
Operator : SY/AP
Sample : OC042721 CAN 10300
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Apr 29 03:11:52 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.02 min

Lab File: VL036891.D

Acq: 28 Apr 2021 22:28

Instrument :

MSVOA_L

ClientSampleId :

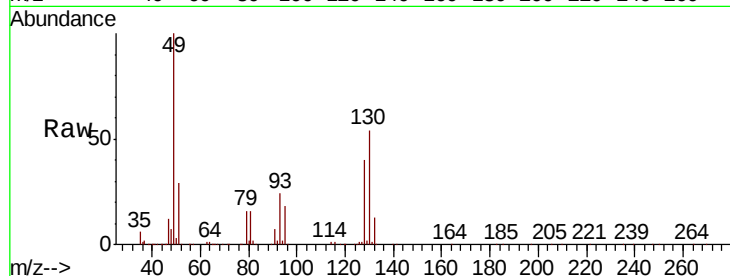
Tot Ion: 49 Resp: 1350291

Ion Ratio Lower Upper

49 100

128 47.2 24.4 73.2

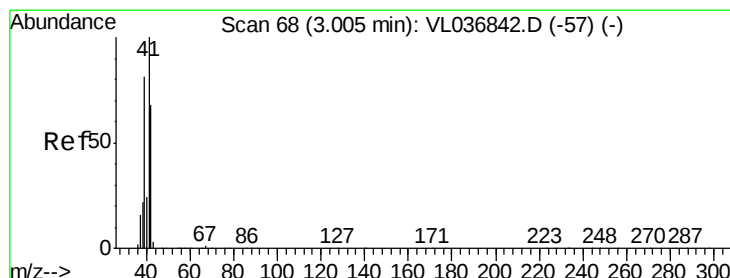
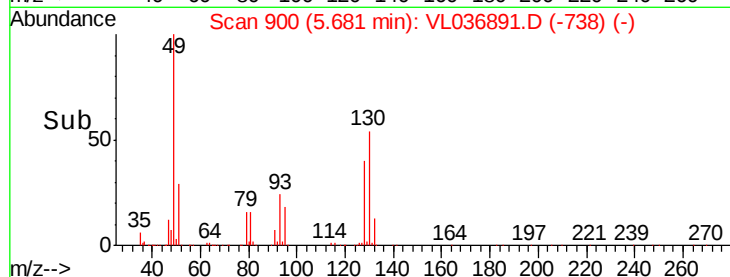
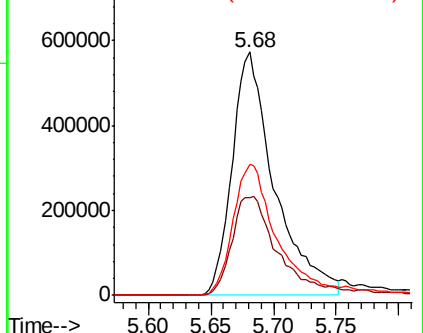
130 58.6 30.3 90.8



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: 0.039 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL036891.D

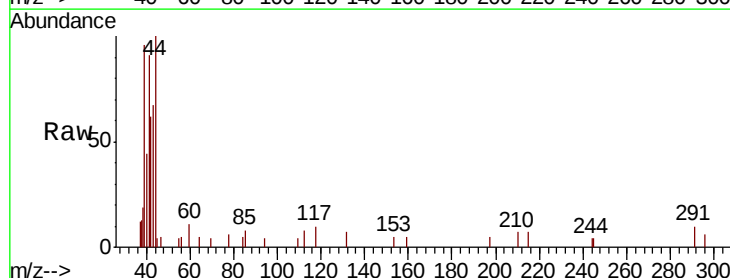
Acq: 28 Apr 2021 22:28

Tgt Ion: 41 Resp: 2898

Ion Ratio Lower Upper

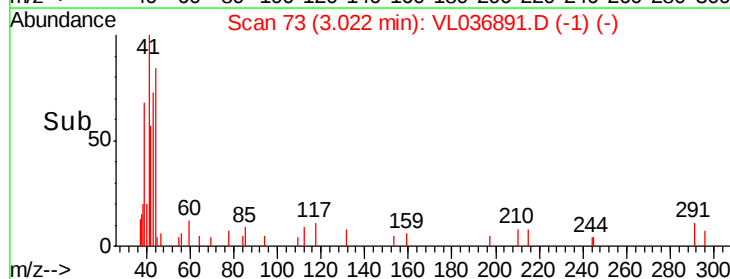
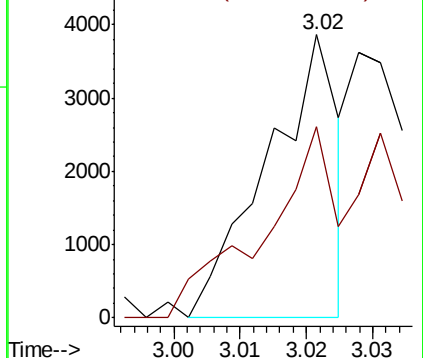
41 100

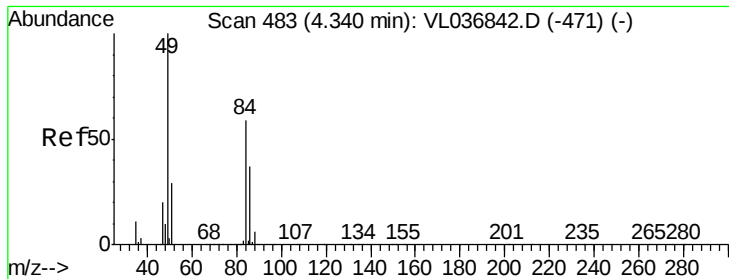
42 204.5 56.0 84.0#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

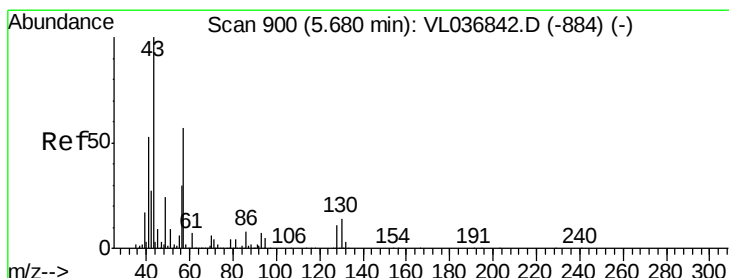
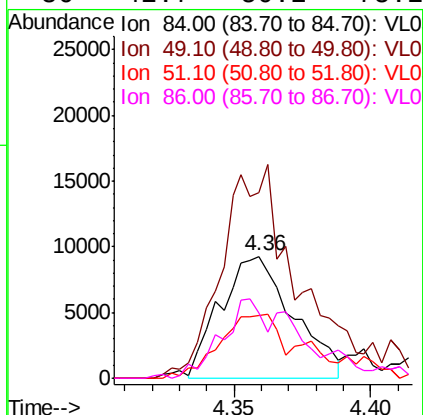
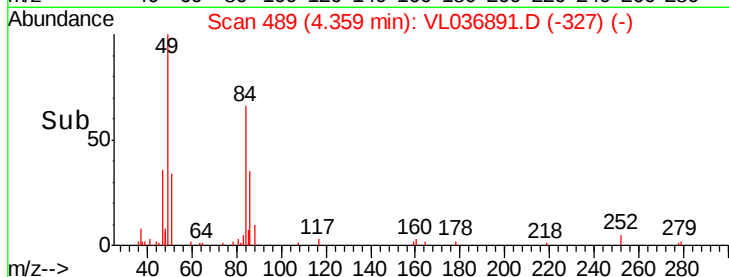
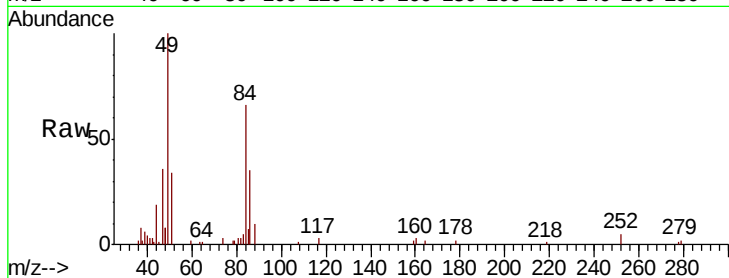




#20
Methylene Chloride
Concen: 0.283 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.02 min
Lab File: VL036891.D
Acq: 28 Apr 2021 22:28

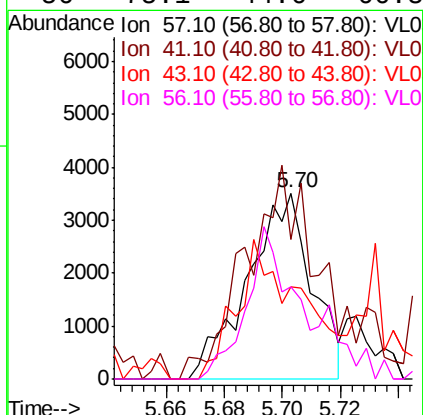
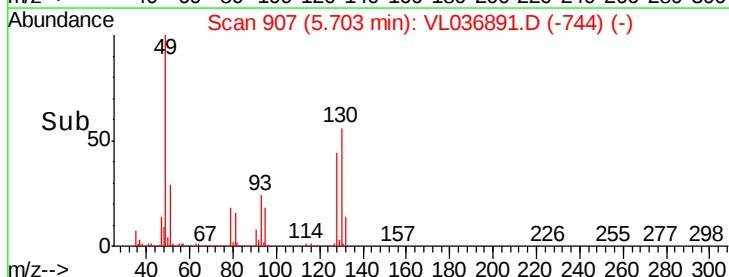
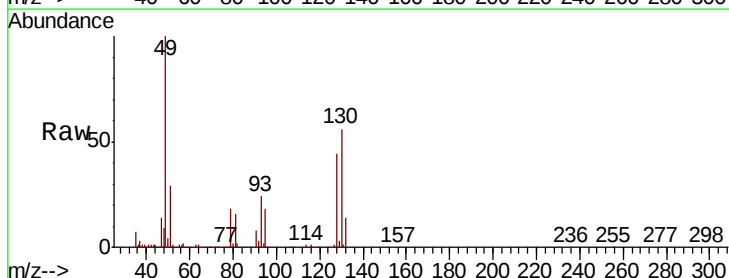
Instrument :
MSVOA_L
ClientSampleId :

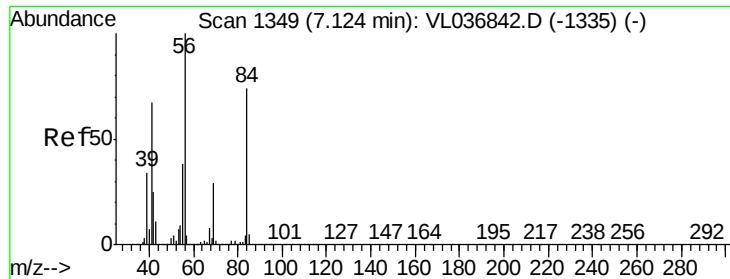
Tot Ion: 84 Resp: 17217
Ion Ratio Lower Upper
84 100
49 143.1 135.4 203.0
51 44.5 39.3 58.9
86 42.7 50.2 75.2#



#26
Hexane
Concen: 0.037 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.02 min
Lab File: VL036891.D
Acq: 28 Apr 2021 22:28

Tgt Ion: 57 Resp: 5372
Ion Ratio Lower Upper
57 100
41 146.9 77.7 116.5#
43 113.2 180.5 270.7#
56 75.1 44.6 66.8#

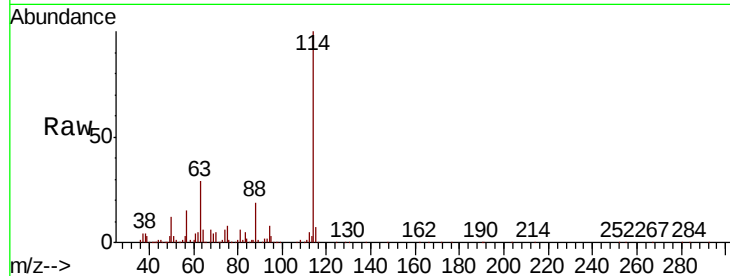




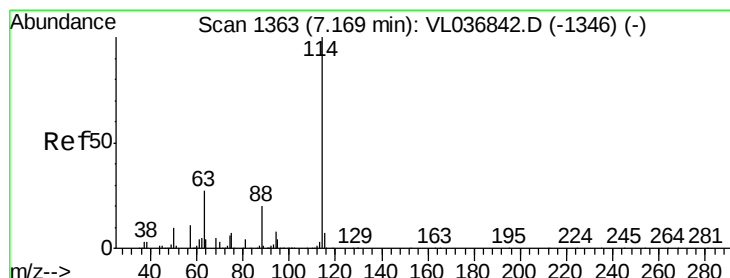
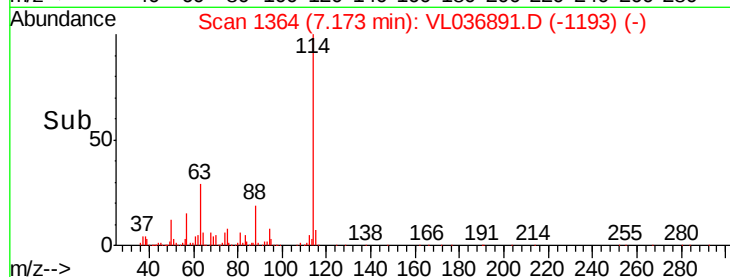
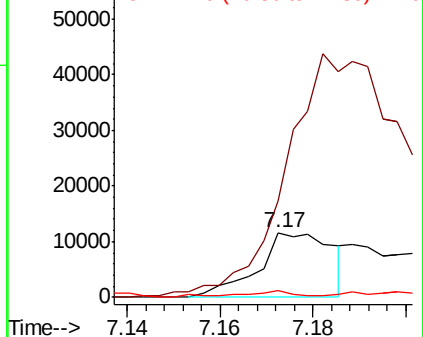
#30
Cvclohexane
Concen: 0.113 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.05 min
Lab File: VL036891.D
Acq: 28 Apr 2021 22:28

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 84 Resp: 13024
Ion Ratio Lower Upper
84 100
56 0.0 115.8 173.6#
41 28.9 74.6 111.8#

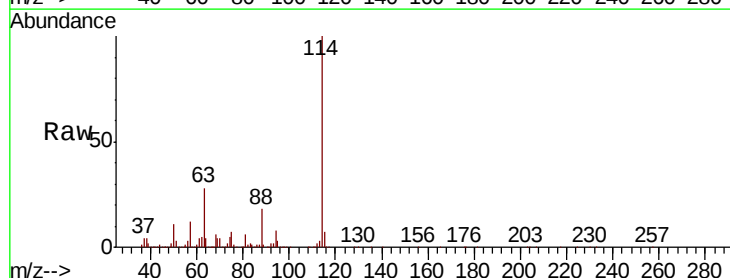


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

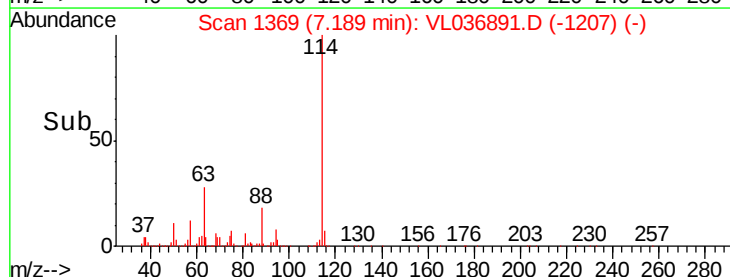
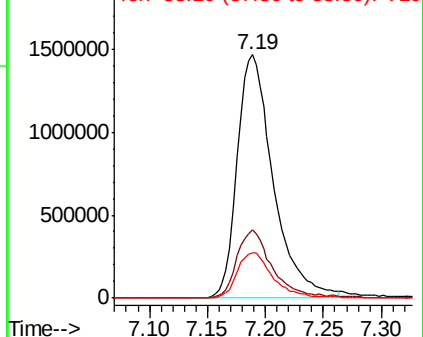


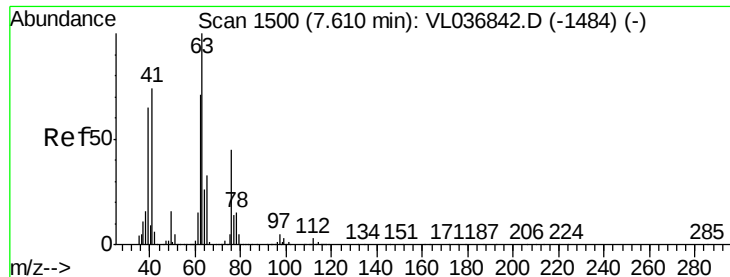
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.02 min
Lab File: VL036891.D
Acq: 28 Apr 2021 22:28

Tgt Ion:114 Resp: 3164650
Ion Ratio Lower Upper
114 100
63 27.8 21.9 32.9
88 18.8 15.1 22.7



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: 7.887 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. -0.42 min

Lab File: VL036891.D

Acq: 28 Apr 2021 22:28

Instrument :

MSVOA_L

ClientSampled :

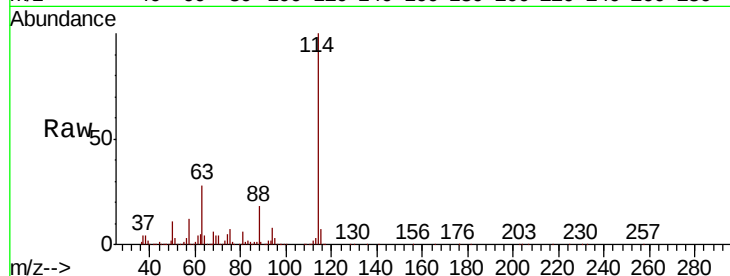
Tot Ion: 63 Resp: 842561

Ion Ratio Lower Upper

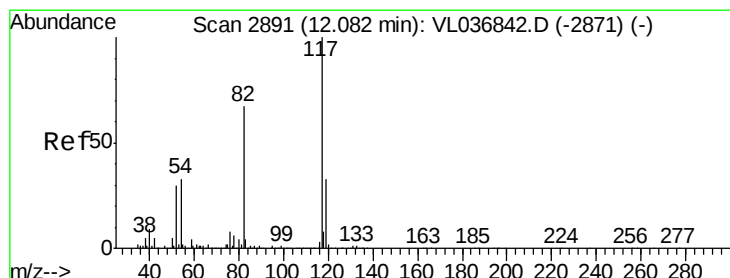
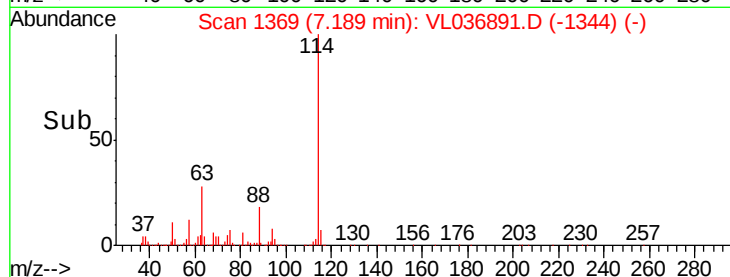
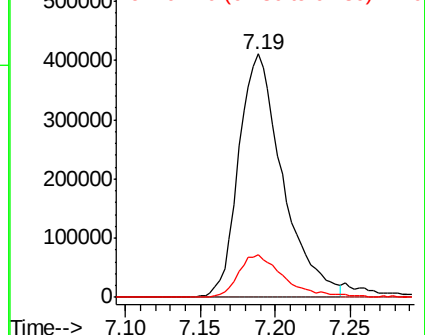
63 100

41 0.2 59.1 88.7#

62 17.5 56.9 85.3#



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: 12.10 min Scan# 2898

Delta R.T. 0.02 min

Lab File: VL036891.D

Acq: 28 Apr 2021 22:28

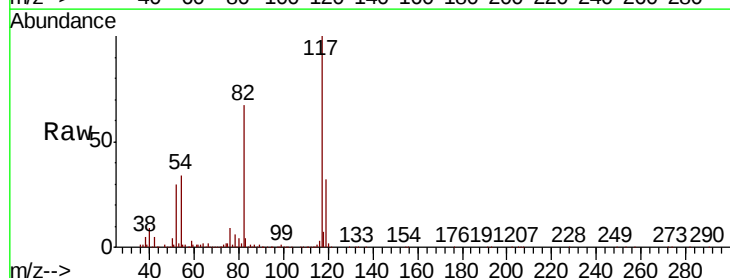
Tgt Ion: 117 Resp: 2842766

Ion Ratio Lower Upper

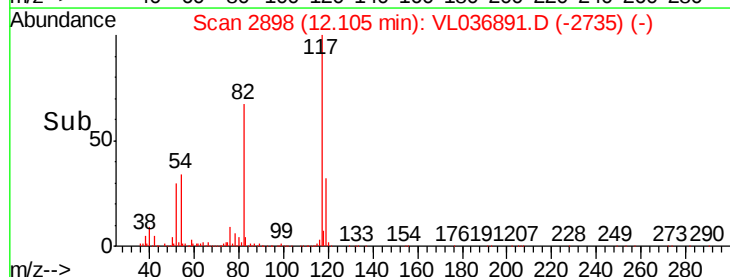
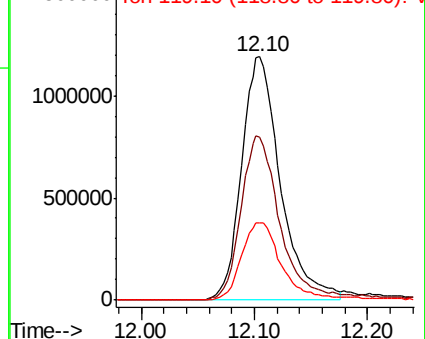
117 100

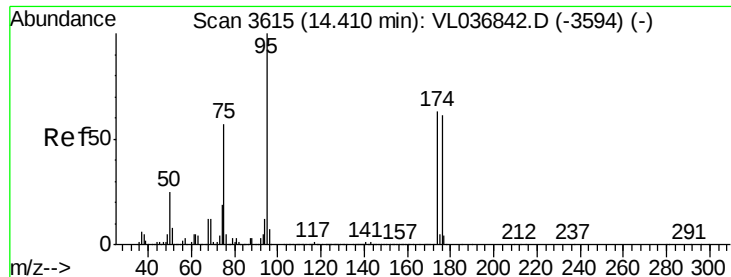
82 71.4 53.5 80.3

119 33.6 25.6 38.4



Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.782 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. 0.02 min

Lab File: VL036891.D

Acq: 28 Apr 2021 22:28

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 2232238

Ion Ratio Lower Upper

95 100

174 67.2 52.2 78.2

175 4.9 4.0 6.0

