

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037237.D
 Acq On : 23 Jun 2021 7:26
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 24 03:48:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1466259	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4261663	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3579205	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2603543	9.60	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.00%

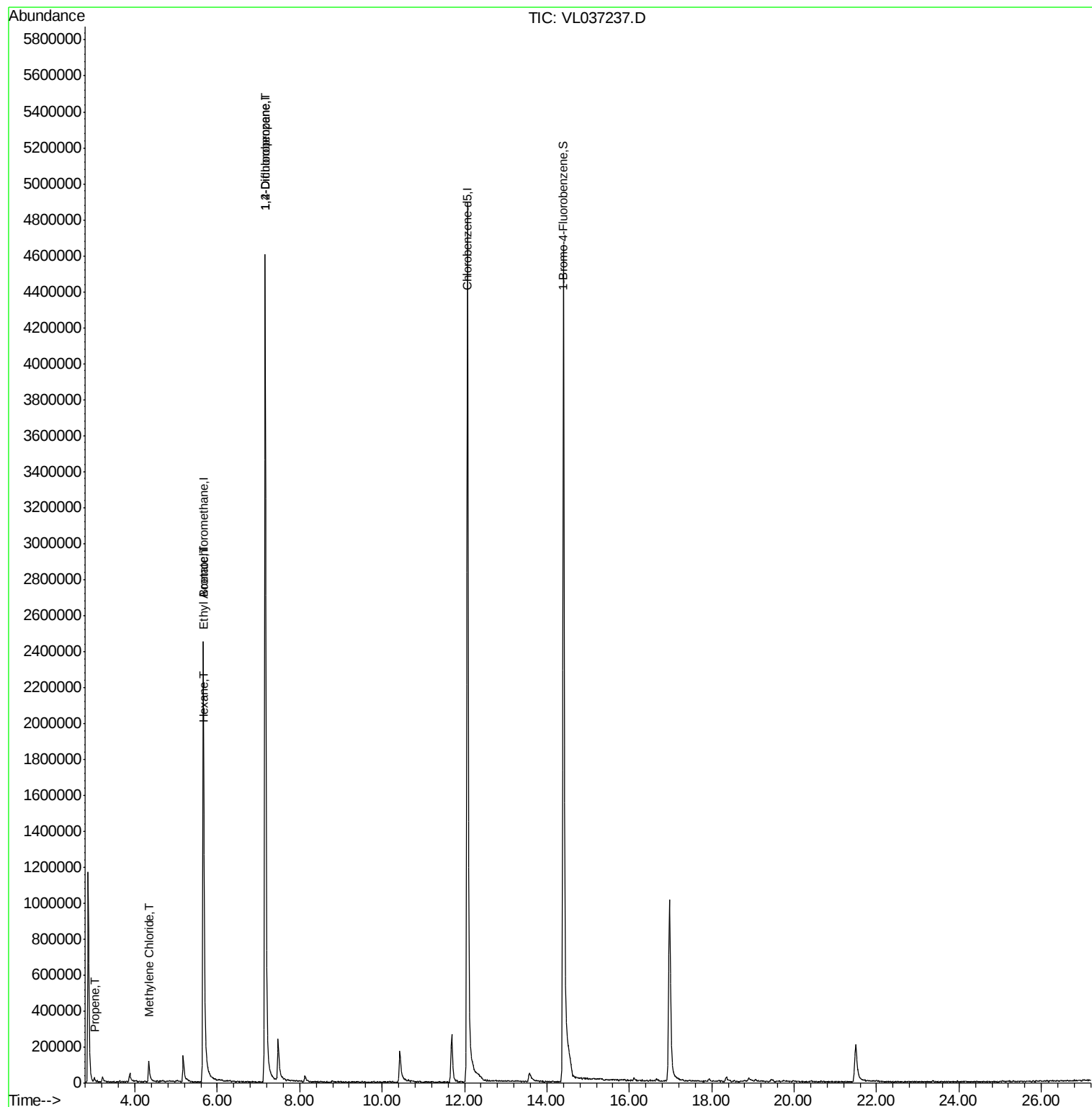
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	3349	0.037	ppbv #	16
20) Methylene Chloride	4.34	84	49928	0.504	ppbv #	93
25) Ethyl Acetate	5.67	43	18904	0.053	ppbv #	80
26) Hexane	5.68	57	33382	0.185	ppbv #	43
39) 1,2-Dichloropropane	7.17	63	1007638	7.869	ppbv #	24

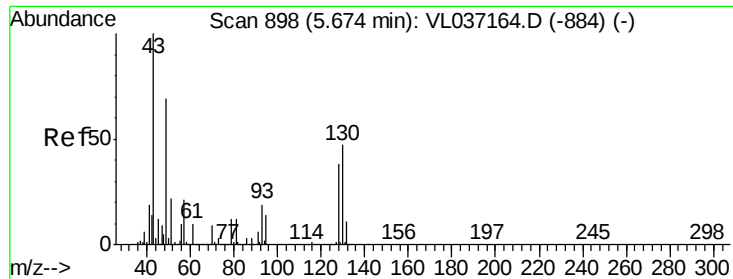
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.02 min

Lab File: VL037237.D

Acq: 23 Jun 2021 7:26

Instrument :

MSVOA_L

ClientSampled :

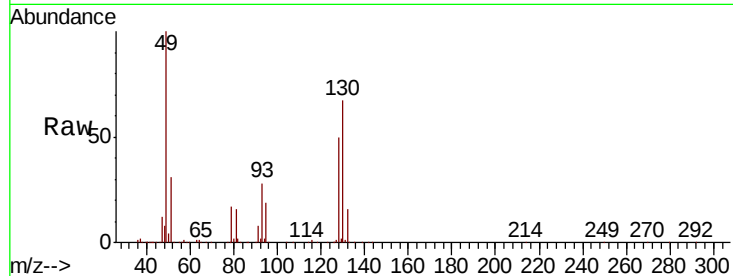
Tot Ion: 49 Resp: 1466259

Ion Ratio Lower Upper

49 100

128 56.0 29.3 88.0

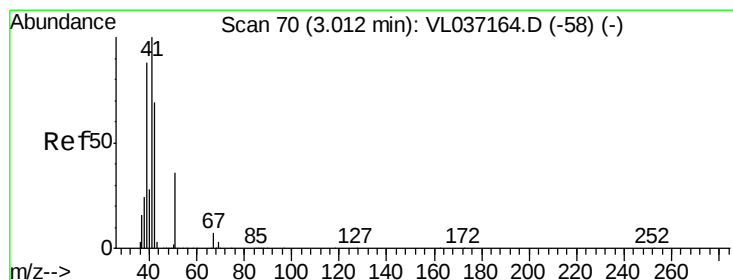
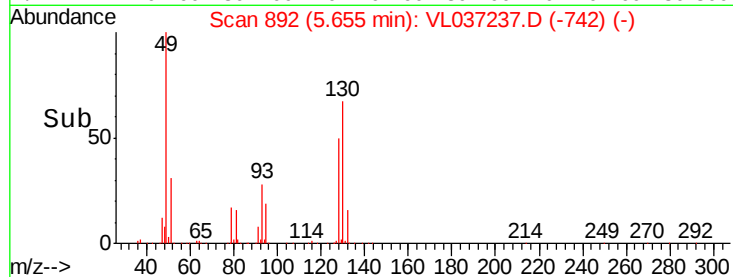
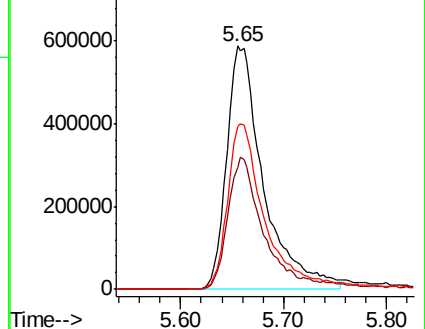
130 71.4 35.9 107.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.037 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL037237.D

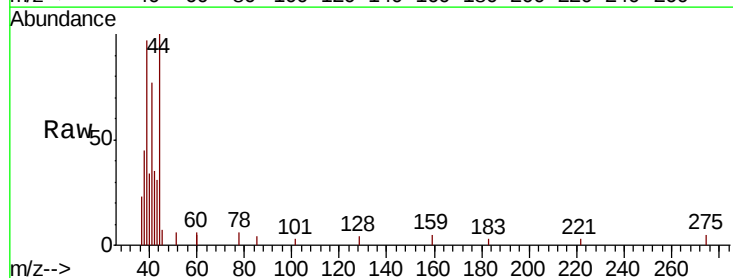
Acq: 23 Jun 2021 7:26

Tgt Ion: 41 Resp: 3349

Ion Ratio Lower Upper

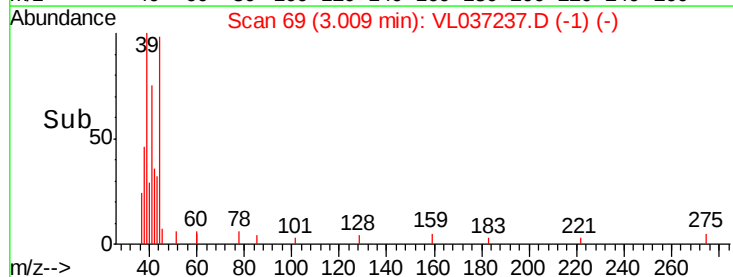
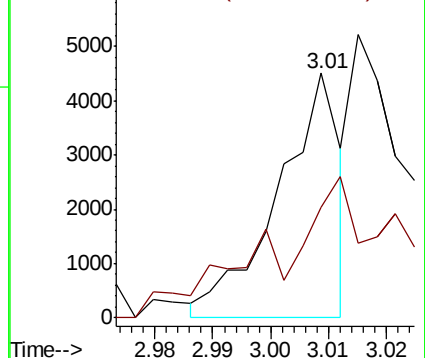
41 100

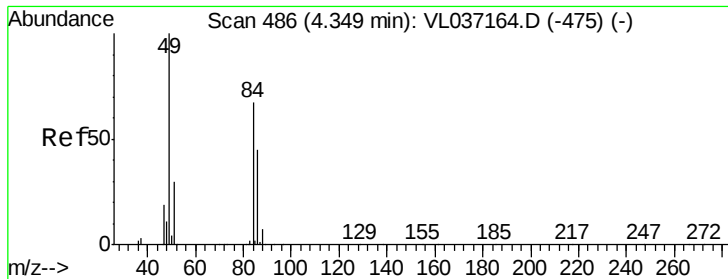
42 0.0 54.5 81.7#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

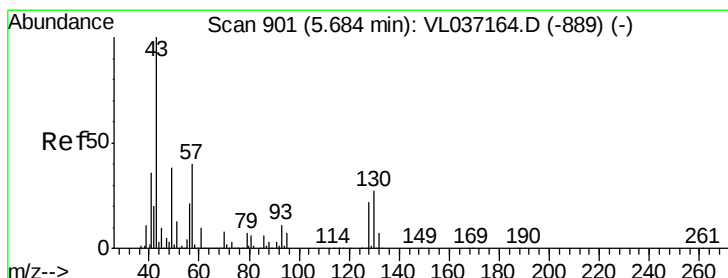
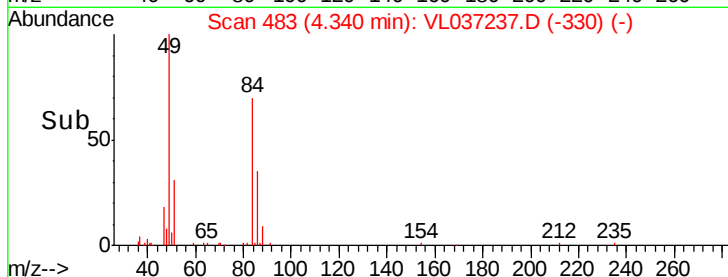
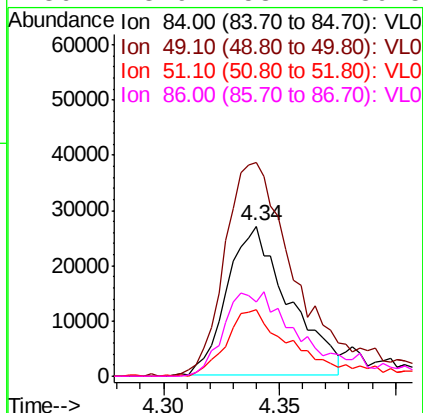
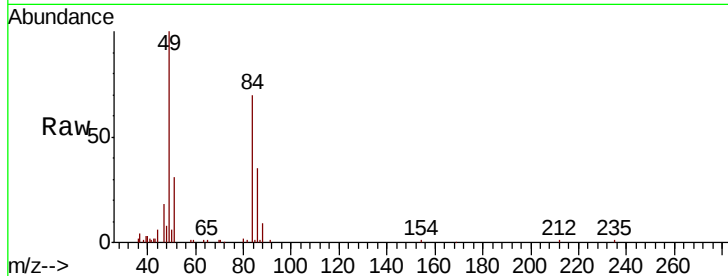




#20
Methylene Chloride
Concen: 0.504 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037237.D
Acq: 23 Jun 2021 7:26

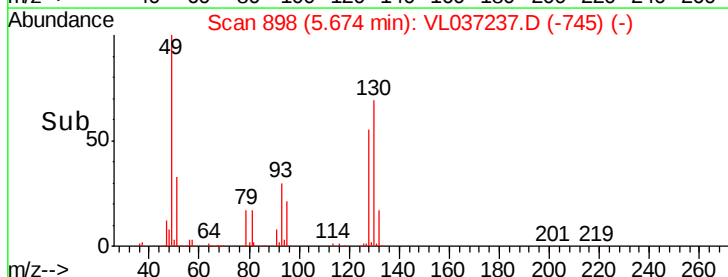
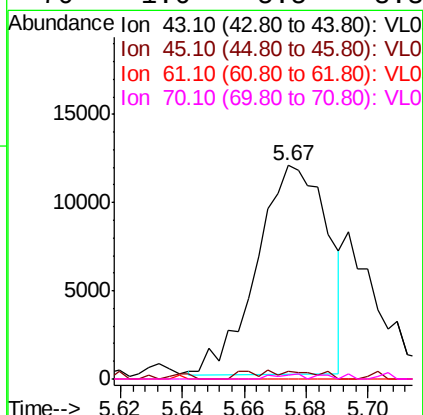
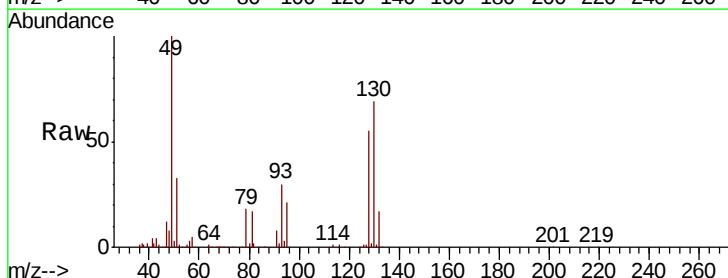
Instrument :
MSVOA_L
ClientSampleId :

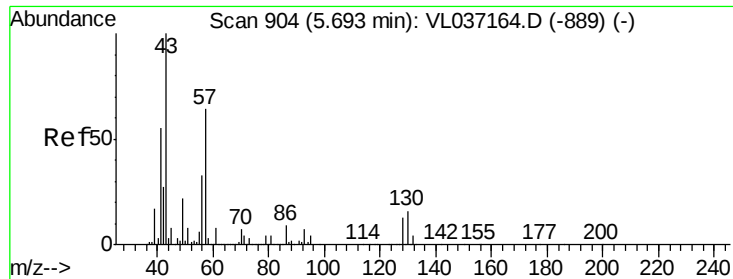
Tot Ion: 84 Resp: 49928
Ion Ratio Lower Upper
84 100
49 148.4 119.7 179.5
51 44.6 36.1 54.1
86 48.9 53.7 80.5#



#25
Ethyl Acetate
Concen: 0.053 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL037237.D
Acq: 23 Jun 2021 7:26

Tgt Ion: 43 Resp: 18904
Ion Ratio Lower Upper
43 100
45 4.3 8.0 12.0#
61 0.0 8.1 12.1#
70 1.6 5.5 8.3#

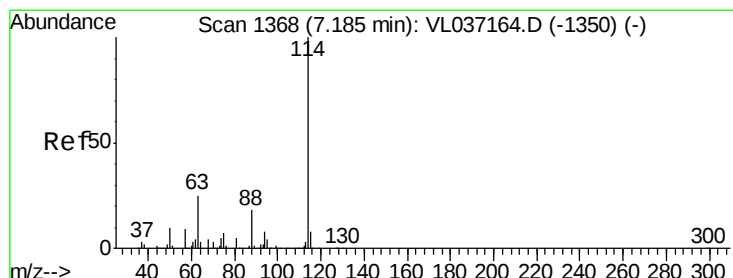
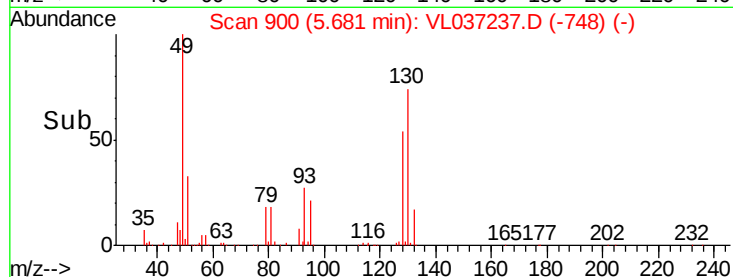
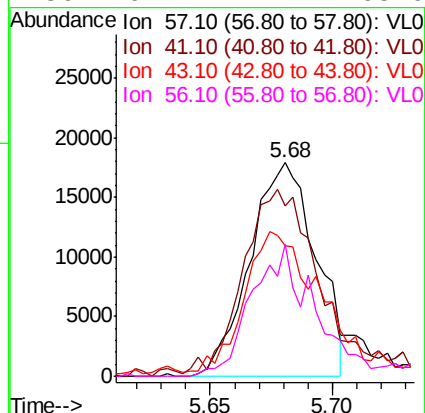
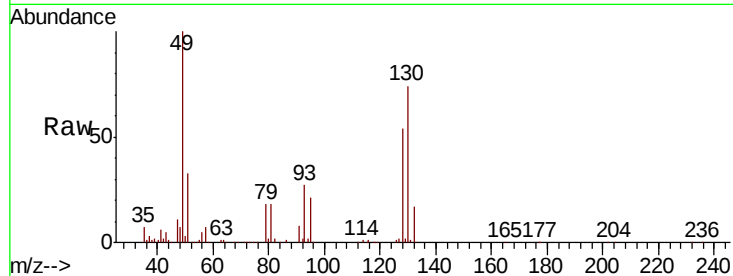




#26
Hexane
Concen: 0.185 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL037237.D
Acq: 23 Jun 2021 7:26

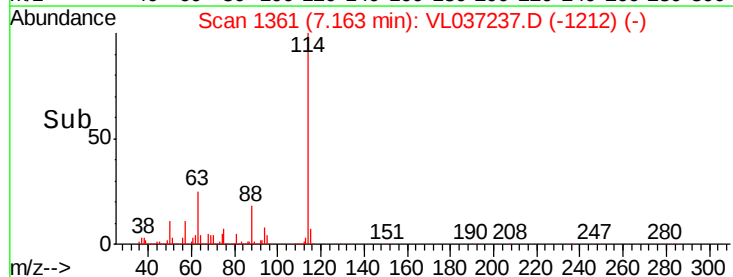
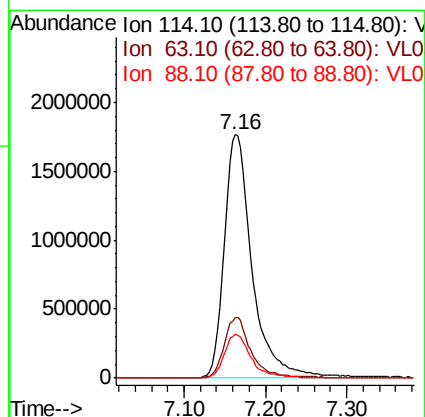
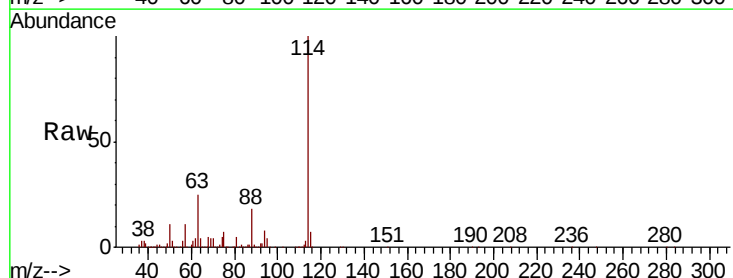
Instrument :
MSVOA_L
ClientSampleId :

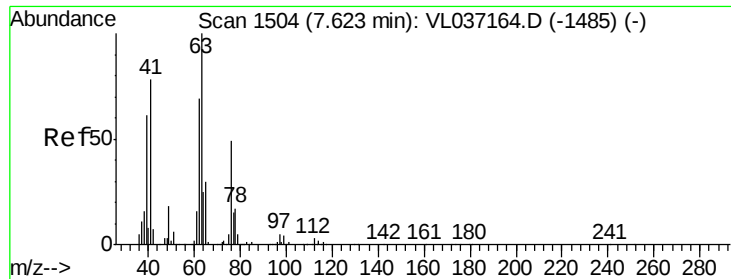
Tot Ion: 57 Resp: 33382
Ion Ratio Lower Upper
57 100
41 110.6 73.5 110.3#
43 80.0 170.7 256.1#
56 61.2 42.4 63.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.02 min
Lab File: VL037237.D
Acq: 23 Jun 2021 7:26

Tgt Ion: 114 Resp: 4261663
Ion Ratio Lower Upper
114 100
63 24.6 19.6 29.4
88 17.9 14.2 21.2

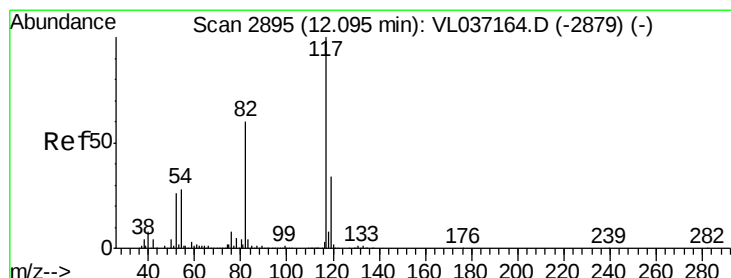
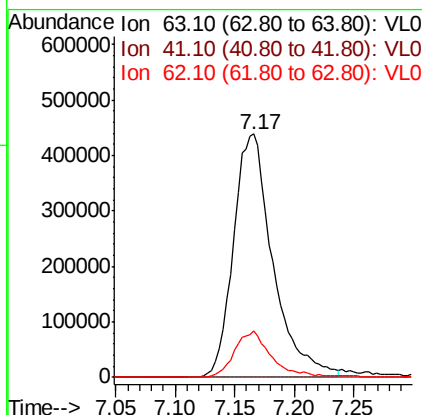
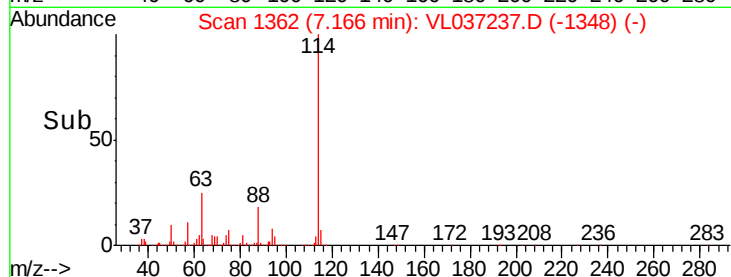
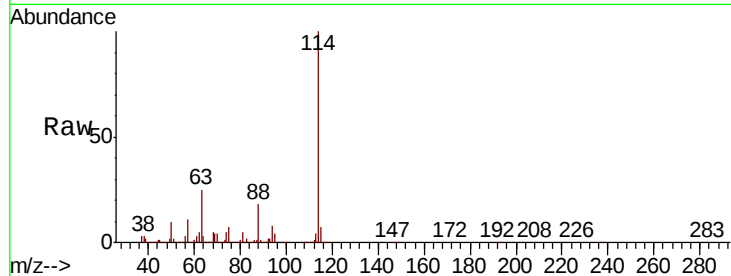




#39
 1,2-Dichloropropane
 Concen: 7.869 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.46 min
 Lab File: VL037237.D
 Acq: 23 Jun 2021 7:26

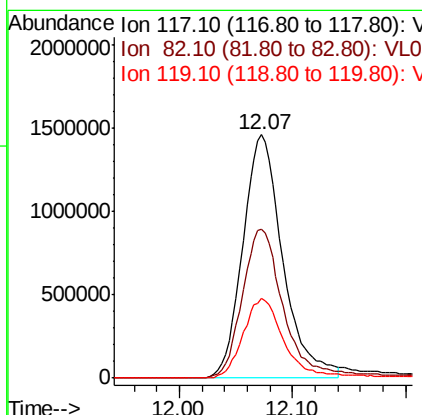
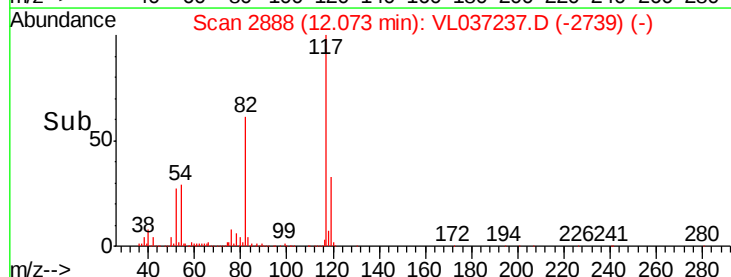
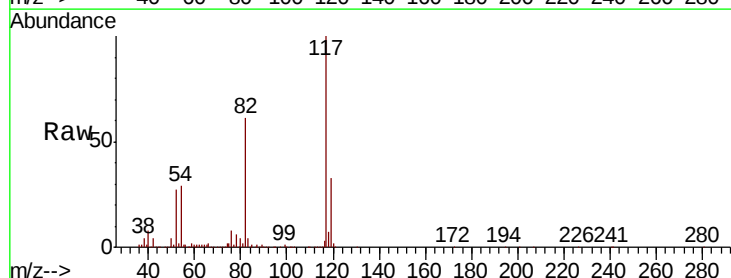
Instrument :
 MSVOA_L
 ClientSampled :

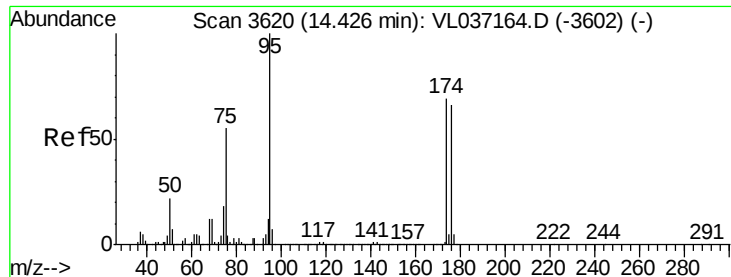
Tot Ion: 63 Resp: 1007638
 Ion Ratio Lower Upper
 63 100
 41 0.1 62.0 93.0#
 62 19.2 54.9 82.3#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2888
 Delta R.T. -0.02 min
 Lab File: VL037237.D
 Acq: 23 Jun 2021 7:26

Tgt Ion: 117 Resp: 3579205
 Ion Ratio Lower Upper
 117 100
 82 66.0 51.7 77.5
 119 34.7 47.6 71.4#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.599 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.02 min

Lab File: VL037237.D

Acq: 23 Jun 2021 7:26

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 2603543

Ion Ratio Lower Upper

95 100

174 75.9 57.0 85.4

175 5.6 4.4 6.6

