

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080421\
 Data File : VL037321.D
 Acq On : 4 Aug 2021 23:52
 Operator : SY/AP
 Sample : VL0804ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 05 03:58:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 04 22:53:01 2021
 QLast Update : Wed Aug 04 22:53:01 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1121686	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3707158	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3143462	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2182014	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

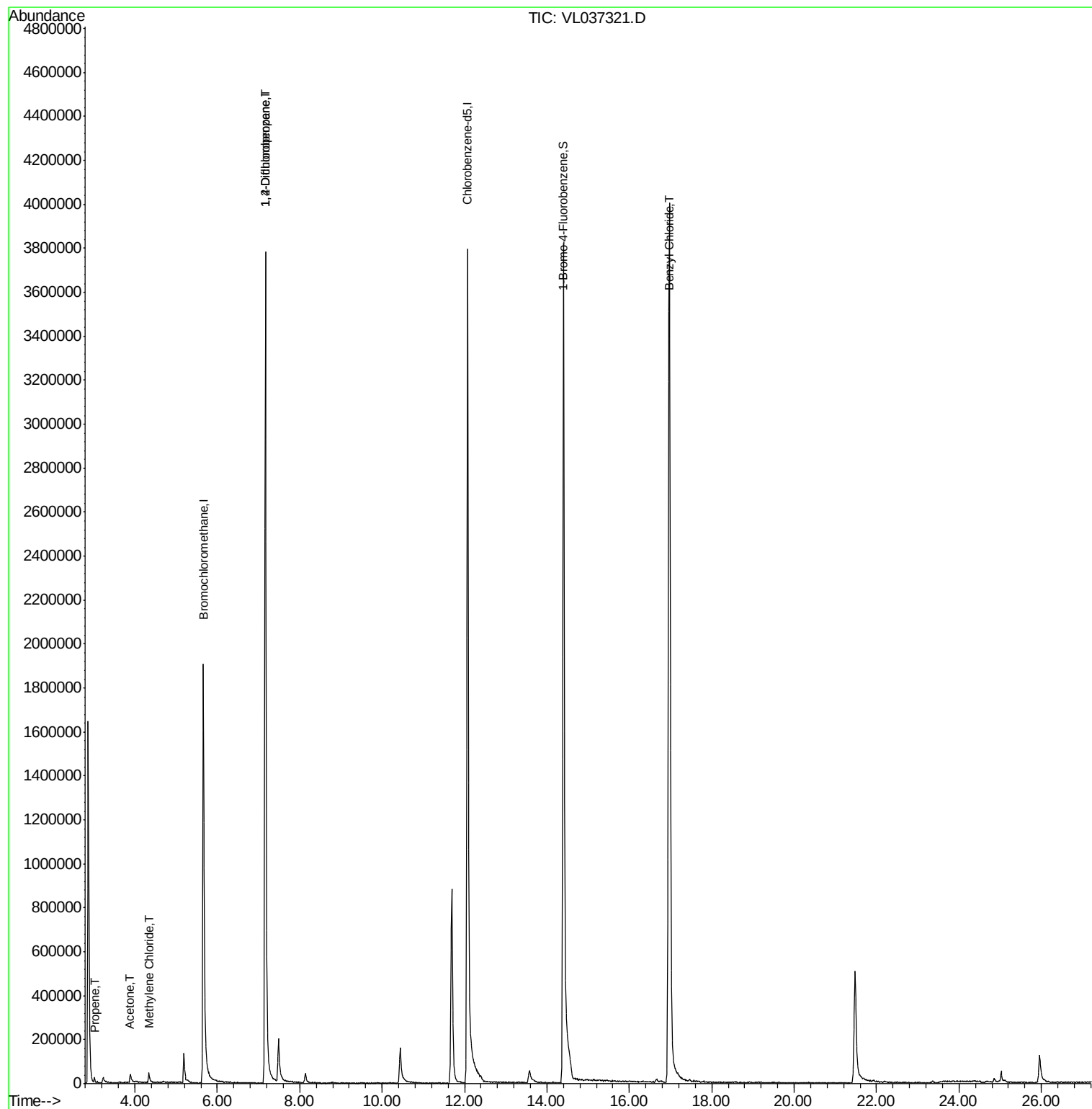
Target Compounds					Ovalue
9) Propene	3.01	41	6057	0.073	ppbv 97
15) Acetone	3.88	43	33134	0.272	ppbv # 1
20) Methylene Chloride	4.34	84	17923	0.178	ppbv 90
39) 1,2-Dichloropropane	7.17	63	791666	6.372	ppbv # 29
66) Benzyl Chloride	16.97	91	915	0.050	ppbv # 60

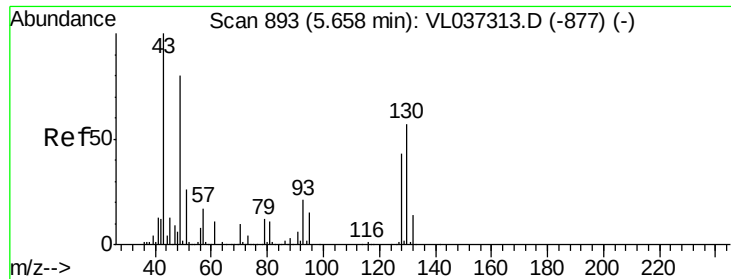
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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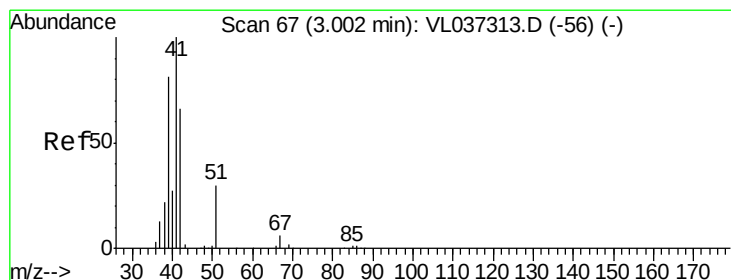
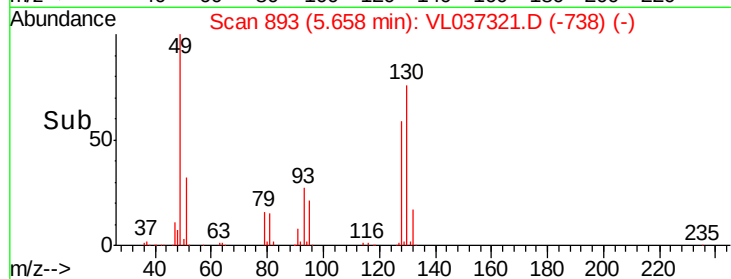
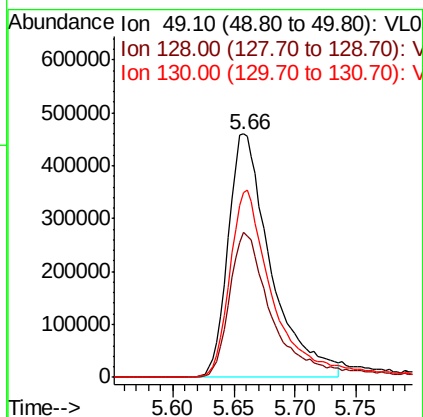
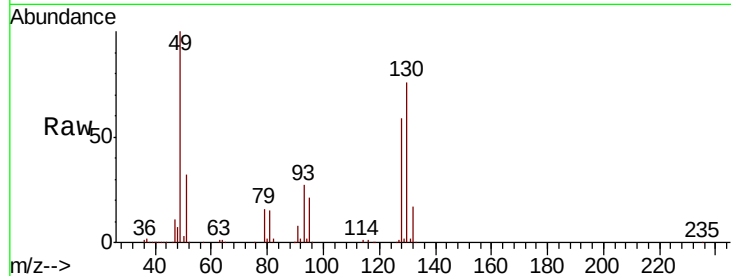




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VL037321.D
 Acq: 4 Aug 2021 23:52

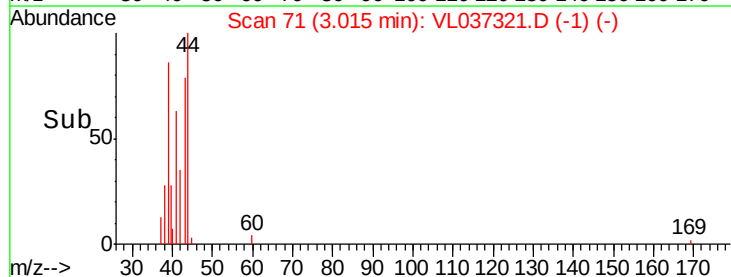
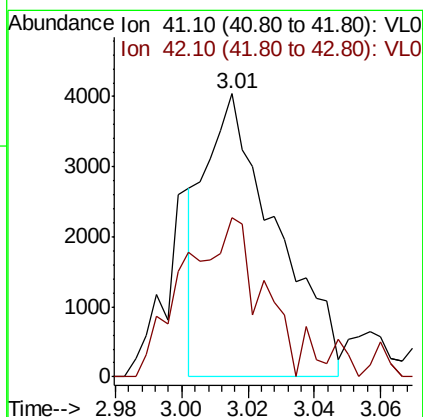
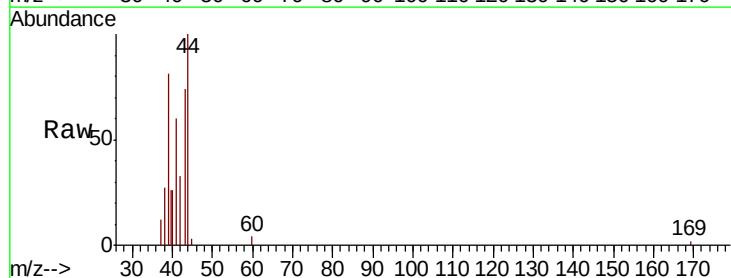
Instrument :
 MSVOA_L
 ClientSampleId :

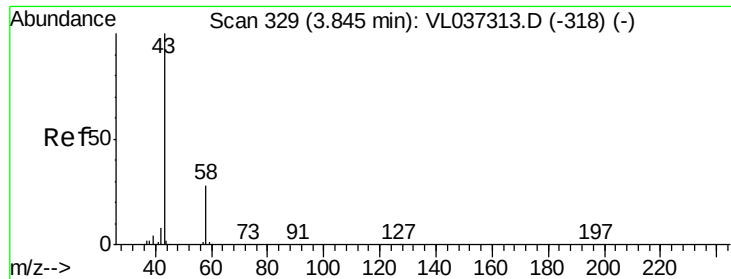
Tot Ion: 49 Resp: 1121686
 Ion Ratio Lower Upper
 49 100
 128 62.1 29.8 89.5
 130 81.8 37.5 112.7



#9
 Propene
 Concen: 0.073 ppbv
 RT: 3.01 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: VL037321.D
 Acq: 4 Aug 2021 23:52

Tgt Ion: 41 Resp: 6057
 Ion Ratio Lower Upper
 41 100
 42 69.6 53.8 80.8





#15

Acetone

Concen: 0.272 ppbv

RT: 3.88 min Scan# 340

Delta R.T. 0.04 min

Lab File: VL037321.D

Acq: 4 Aug 2021 23:52

Instrument :

MSVOA_L

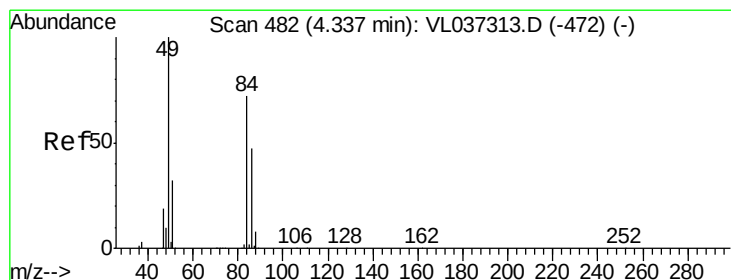
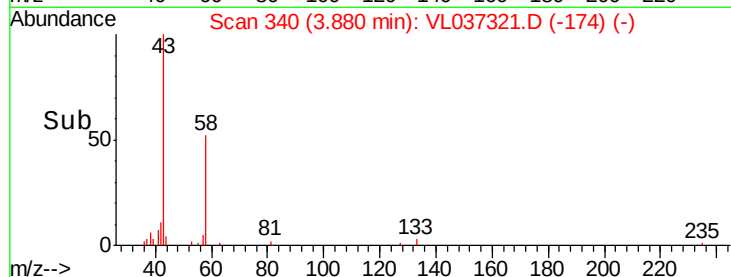
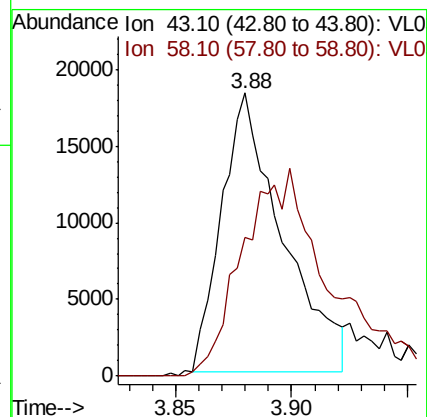
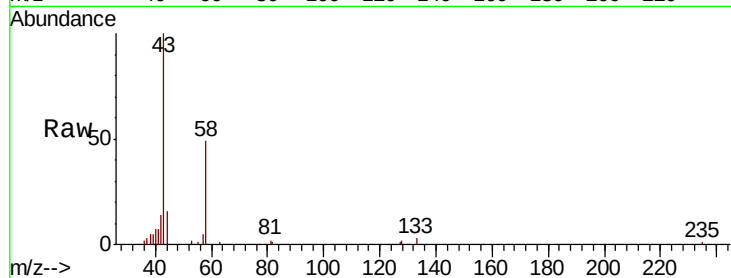
ClientSampleId :

Tot Ion: 43 Resp: 33134

Ion Ratio Lower Upper

43 100

58 119.2 25.3 37.9#



#20

Methylene Chloride

Concen: 0.178 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL037321.D

Acq: 4 Aug 2021 23:52

Tgt Ion: 84 Resp: 17923

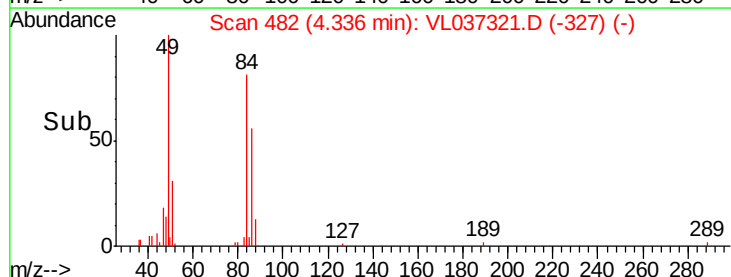
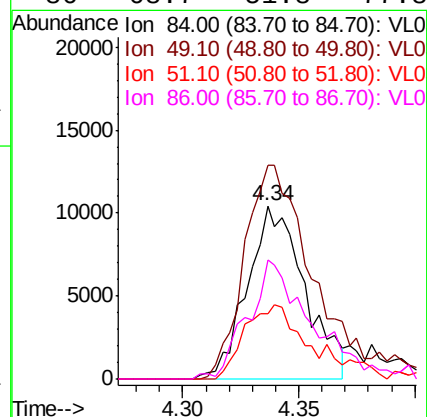
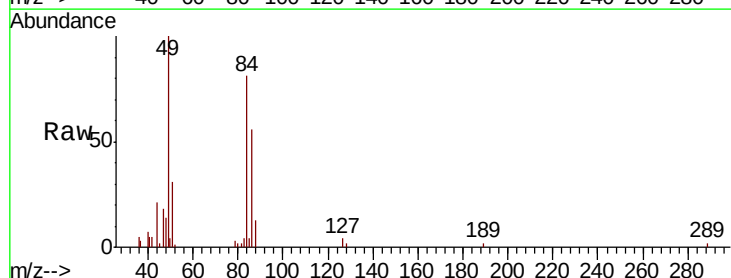
Ion Ratio Lower Upper

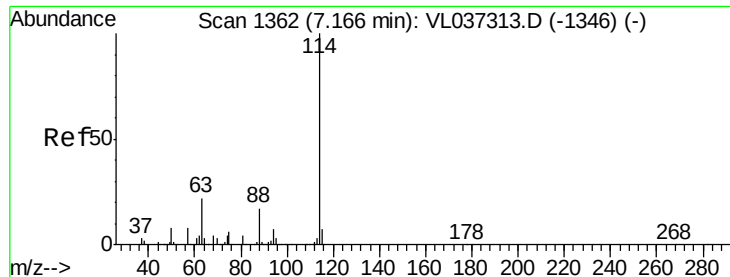
84 100

49 123.3 110.4 165.6

51 37.7 35.8 53.6

86 68.7 51.8 77.8

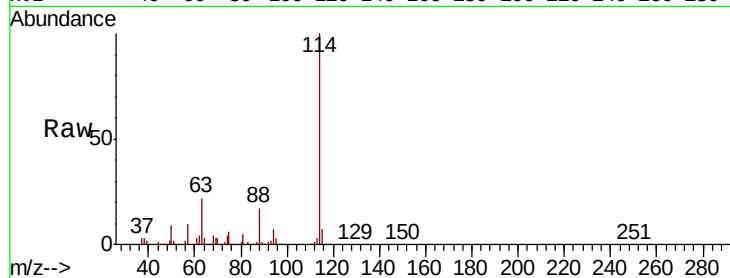




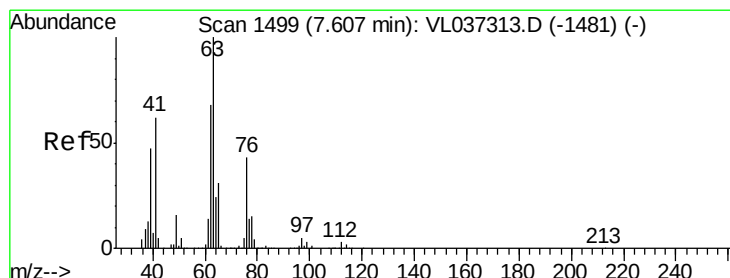
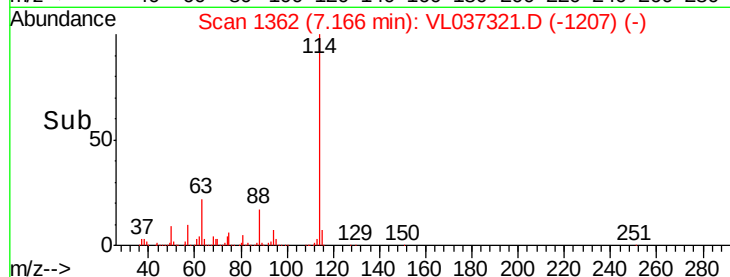
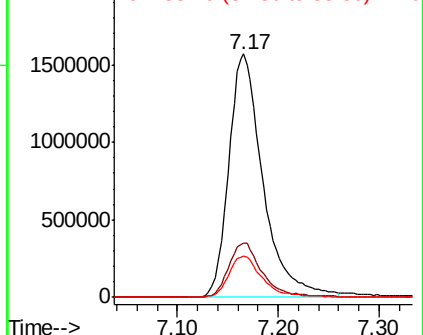
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VL037321.D
 Acq: 4 Aug 2021 23:52

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3707158
 Ion Ratio Lower Upper
 114 100
 63 22.5 18.1 27.1
 88 17.2 13.8 20.8

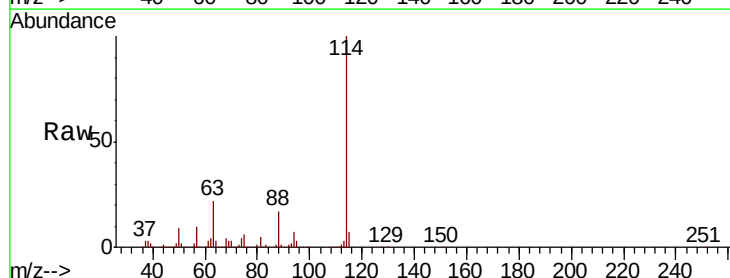


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

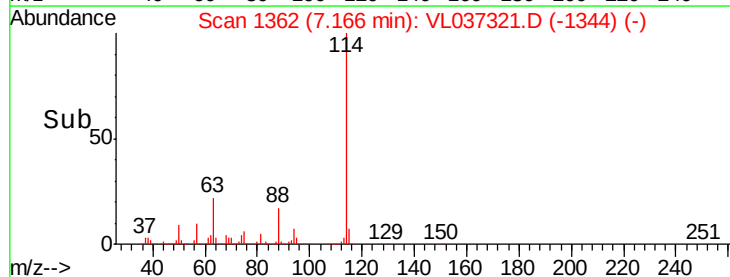
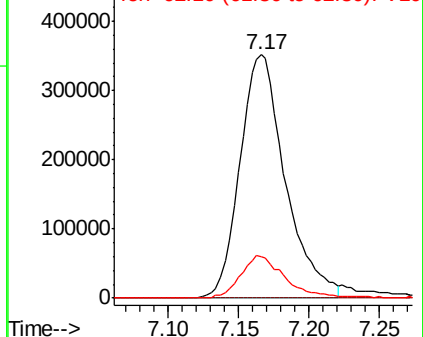


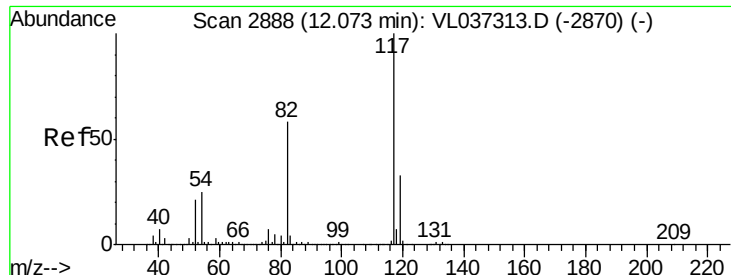
#39
 1,2-Dichloropropane
 Concen: 6.372 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.44 min
 Lab File: VL037321.D
 Acq: 4 Aug 2021 23:52

Tgt Ion: 63 Resp: 791666
 Ion Ratio Lower Upper
 63 100
 41 0.0 49.2 73.8#
 62 17.2 54.2 81.4#



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

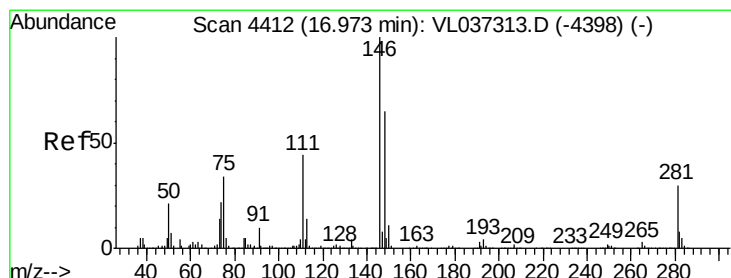
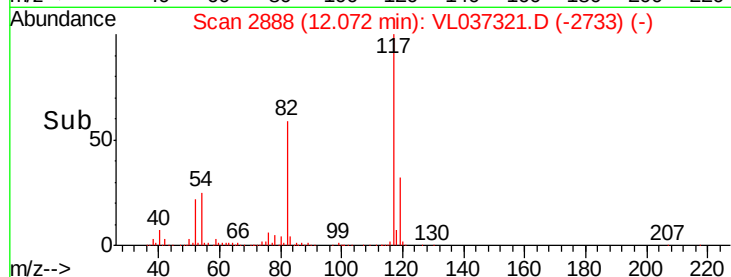
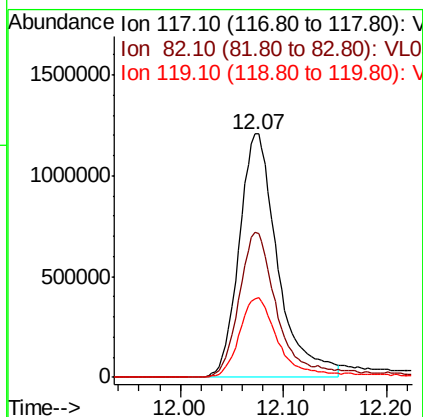
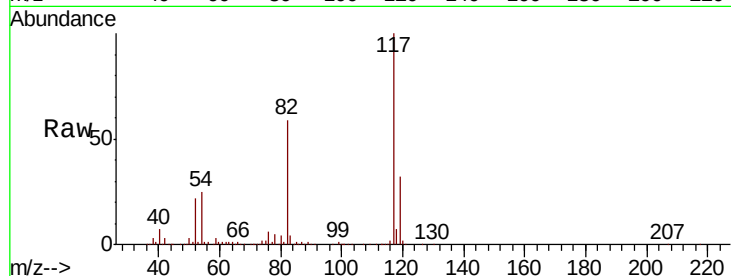




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL037321.D
Acq: 4 Aug 2021 23:52

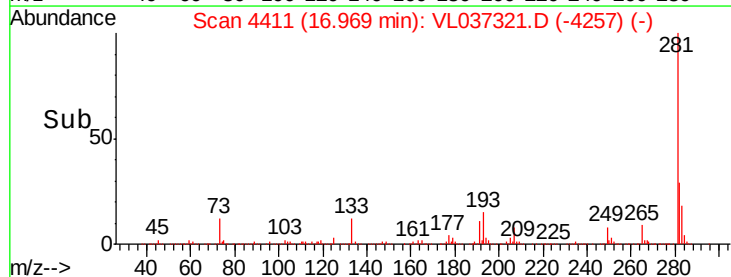
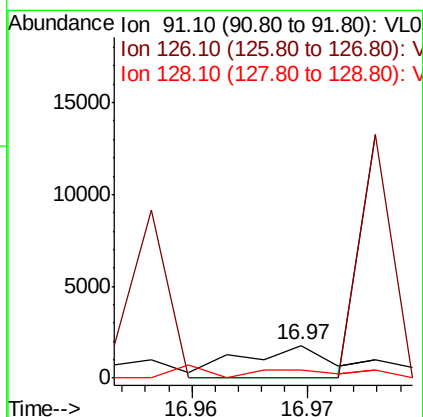
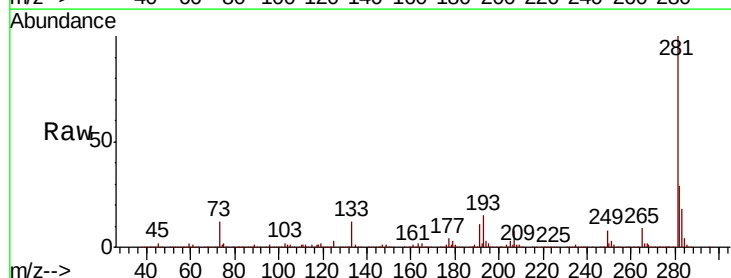
Instrument :
MSVOA_L
ClientSampleId :

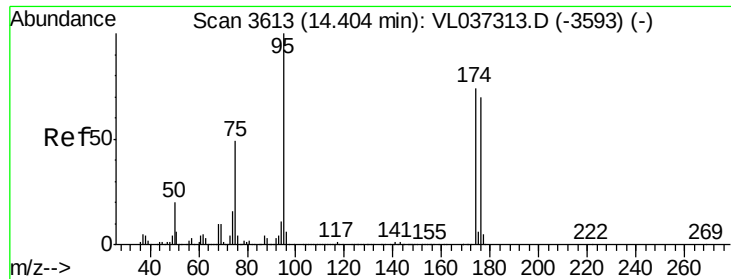
Tot Ion:117 Resp: 3143462
Ion Ratio Lower Upper
117 100
82 64.7 50.3 75.5
119 35.4 48.2 72.2#



#66
Benzyl Chloride
Concen: 0.050 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. -0.00 min
Lab File: VL037321.D
Acq: 4 Aug 2021 23:52

Tgt Ion: 91 Resp: 915
Ion Ratio Lower Upper
91 100
126 0.0 17.8 26.6#
128 0.0 5.8 8.6#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.162 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.00 min

Lab File: VL037321.D

Acq: 4 Aug 2021 23:52

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 2182014

Ion Ratio Lower Upper

95 100

174 83.3 66.9 100.3

175 6.1 5.1 7.7

