

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081821\
 Data File : VL037486.D
 Acq On : 18 Aug 2021 11:05
 Operator : SY/AP
 Sample : VL0818ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 19 01:39:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1392470	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4157609	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3446993	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2543562	10.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

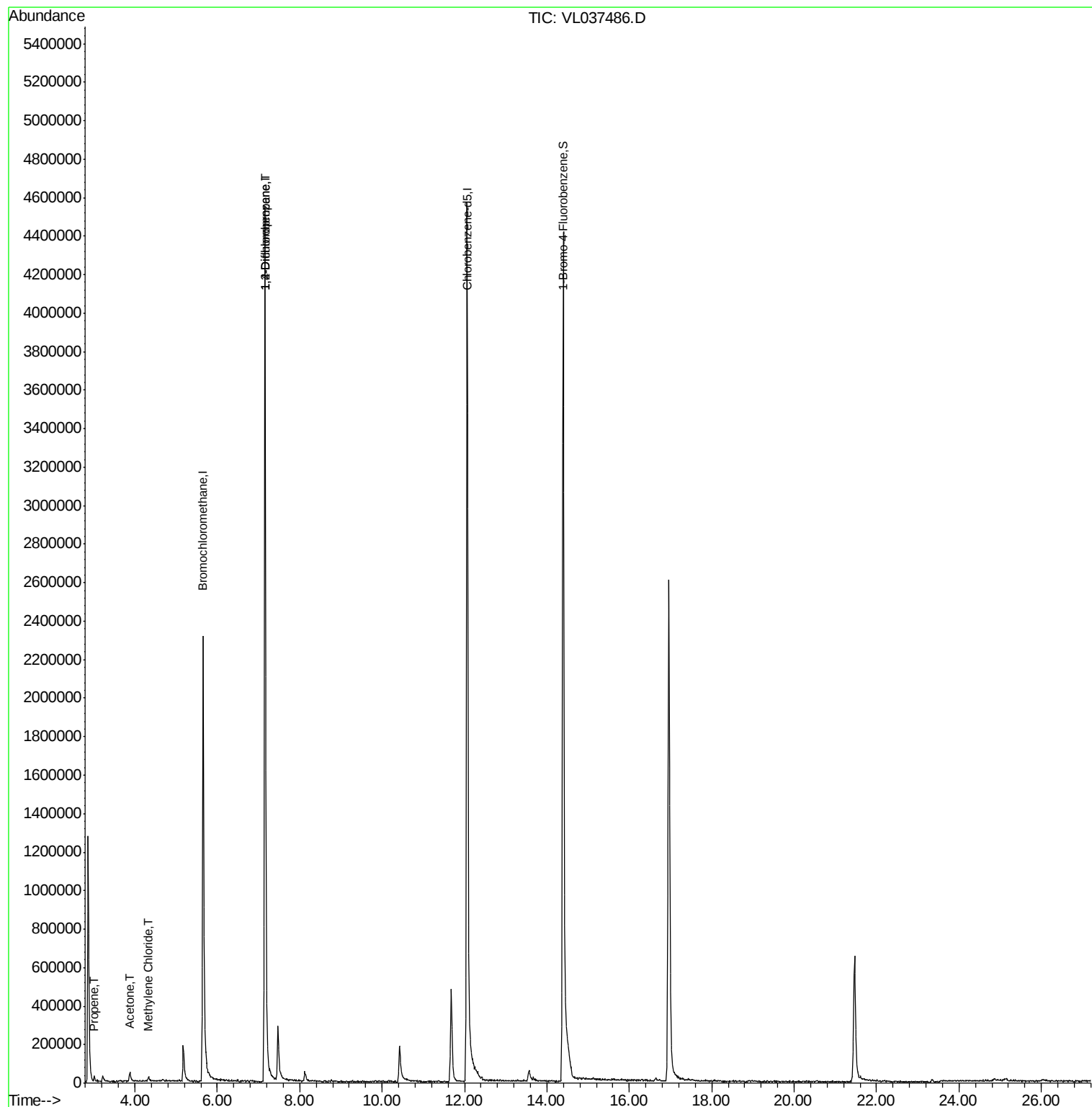
Target Compounds					Ovalue
9) Propene	3.01	41	9733	0.102	ppbv 92
15) Acetone	3.86	43	15006	0.106	ppbv # 44
20) Methylene Chloride	4.33	84	3117	0.044	ppbv # 87
39) 1,2-Dichloropropane	7.16	63	981005	7.305	ppbv # 27

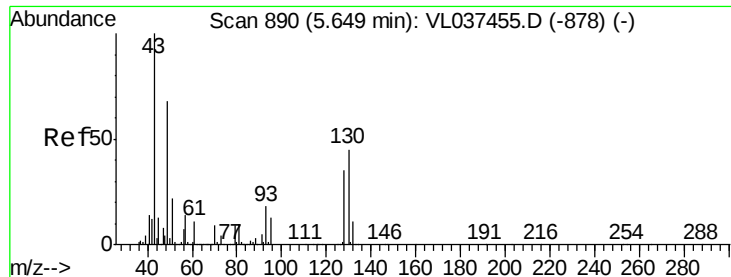
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration



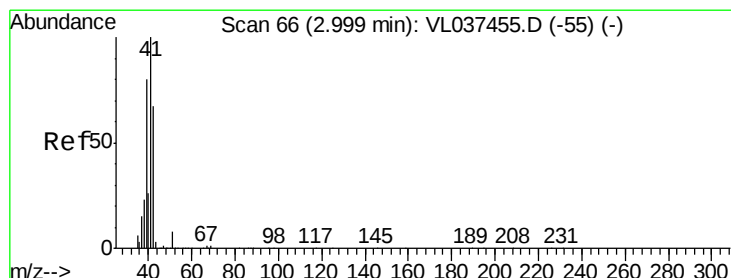
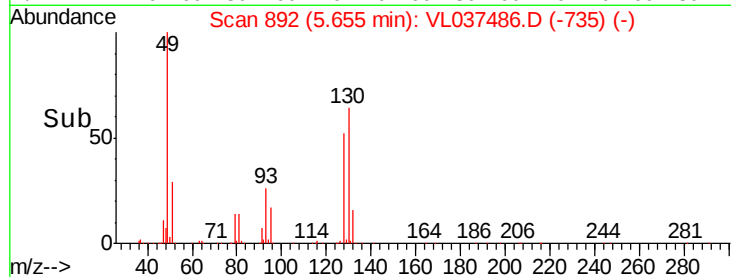
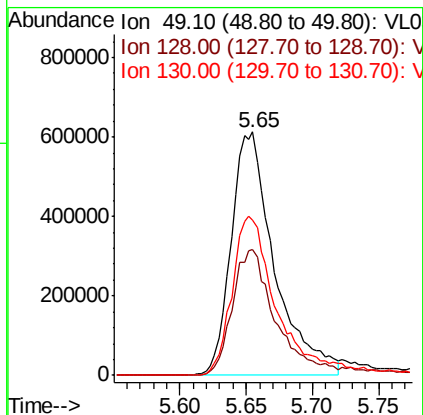
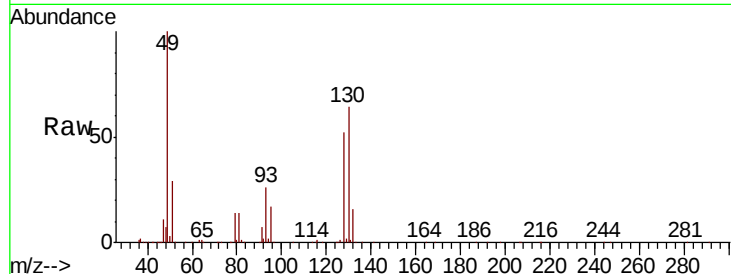


#1

Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: VL037486.D
 Acq: 18 Aug 2021 11:05

Instrument :
 MSVOA_L
 ClientSampled :

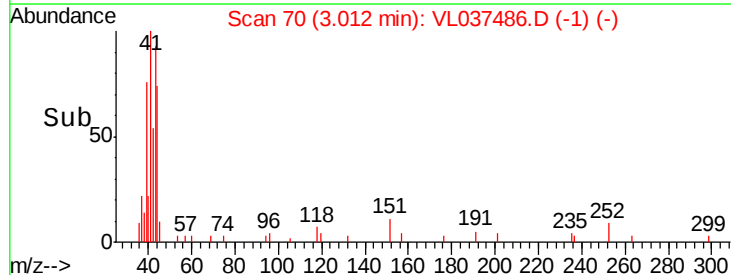
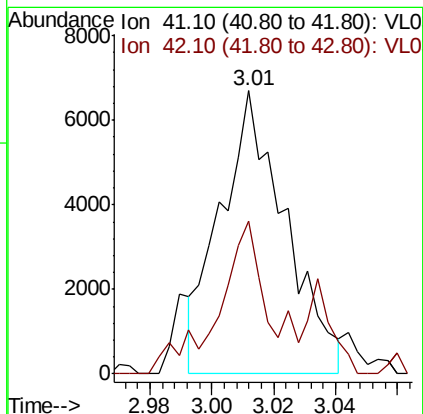
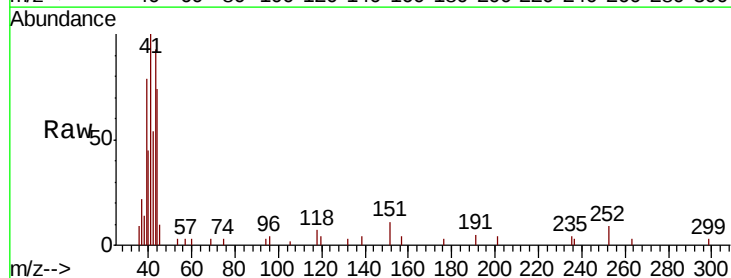
Tot Ion: 49 Resp: 1392470
 Ion Ratio Lower Upper
 49 100
 128 55.4 27.5 82.4
 130 69.0 34.0 101.8

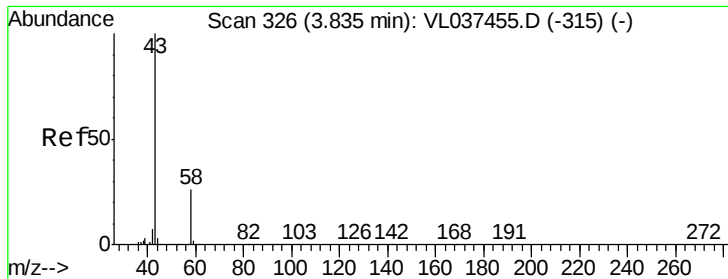


#9

Propene
 Concen: 0.102 ppbv
 RT: 3.01 min Scan# 70
 Delta R.T. 0.01 min
 Lab File: VL037486.D
 Acq: 18 Aug 2021 11:05

Tgt Ion: 41 Resp: 9733
 Ion Ratio Lower Upper
 41 100
 42 60.5 53.7 80.5

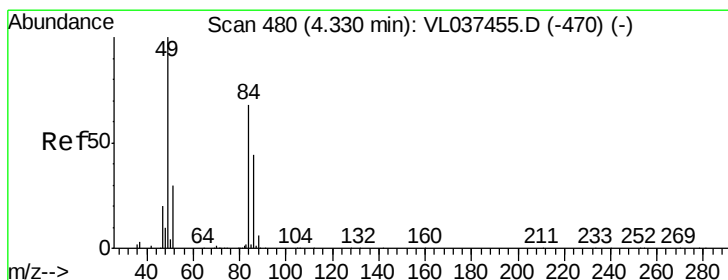
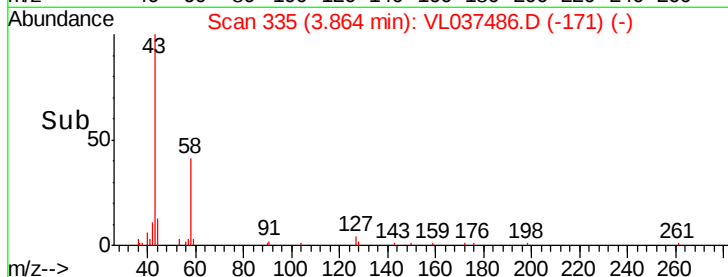
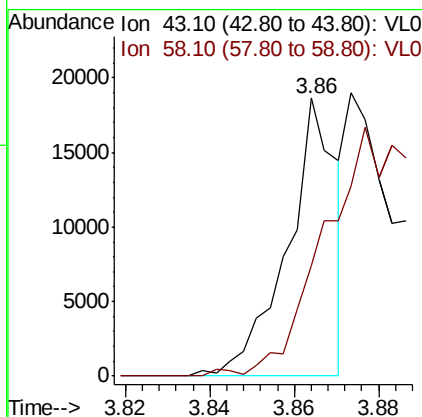
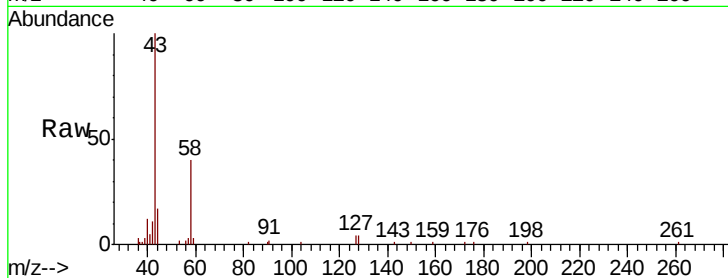




#15
Acetone
Concen: 0.106 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.03 min
Lab File: VL037486.D
Acq: 18 Aug 2021 11:05

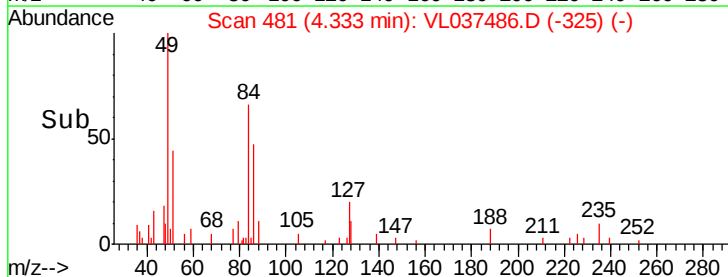
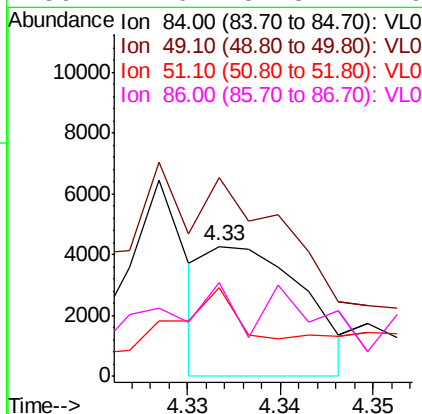
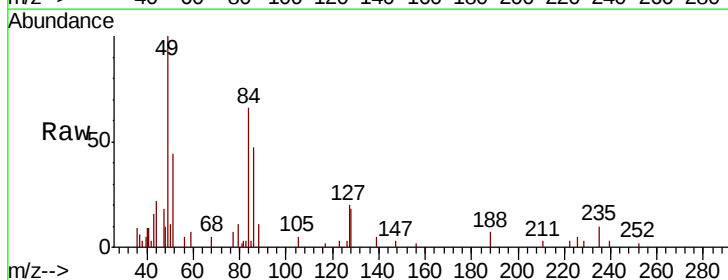
Instrument :
MSVOA_L
ClientSampleId :

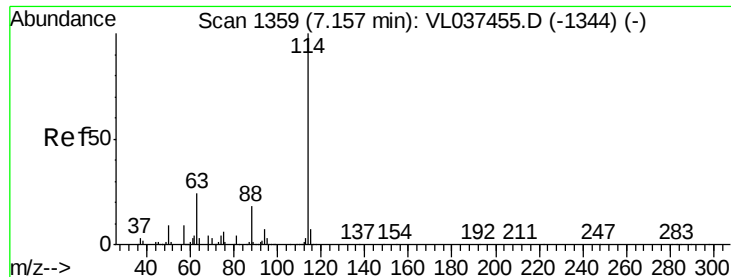
Tot Ion: 43 Resp: 15006
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#20
Methylene Chloride
Concen: 0.044 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL037486.D
Acq: 18 Aug 2021 11:05

Tgt Ion: 84 Resp: 3117
Ion Ratio Lower Upper
84 100
49 138.7 118.2 177.2
51 54.5 36.6 55.0
86 44.6 51.8 77.6#

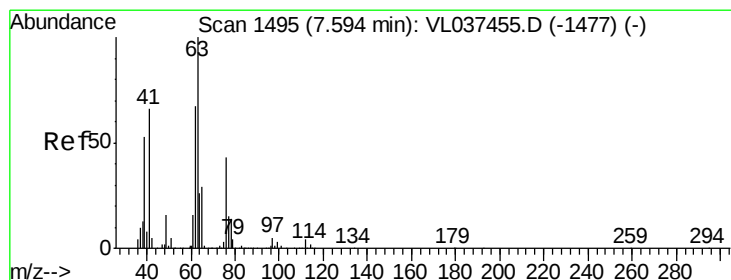
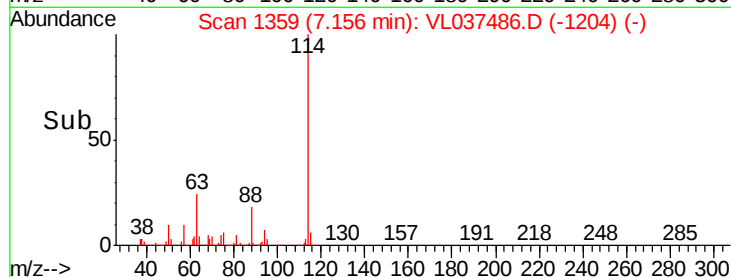
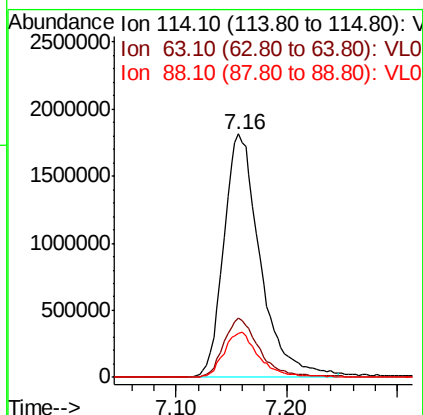
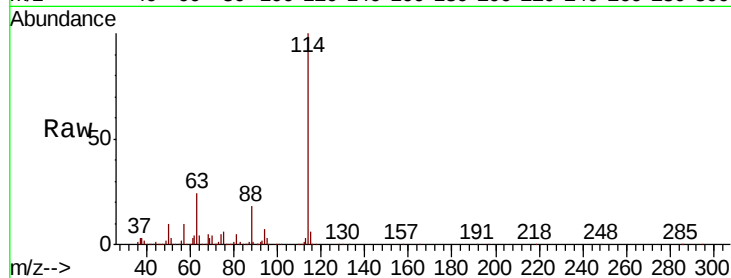




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VL037486.D
 Acq: 18 Aug 2021 11:05

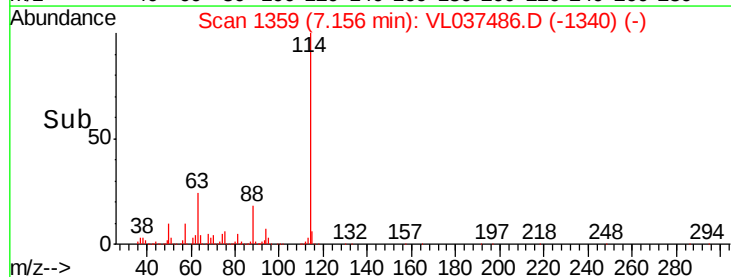
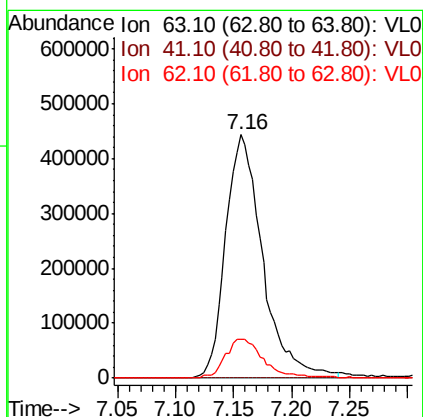
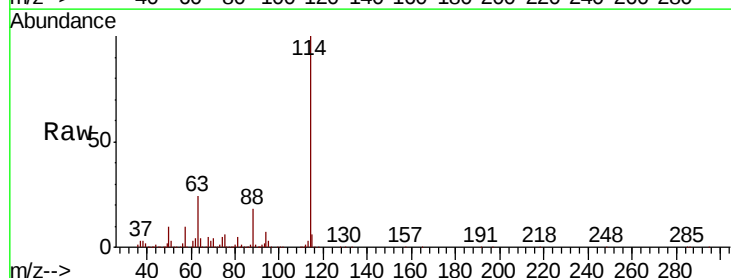
Instrument :
 MSVOA_L
 ClientSampleId :

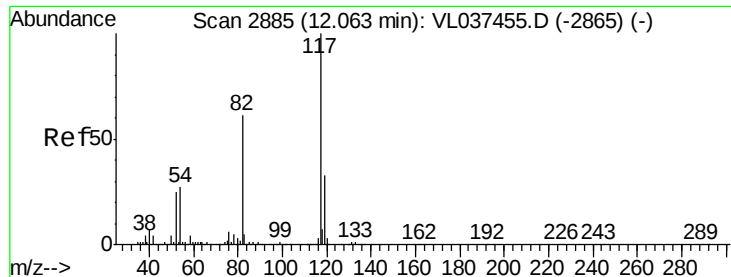
Tot Ion:114 Resp: 4157609
 Ion Ratio Lower Upper
 114 100
 63 24.1 19.3 28.9
 88 18.4 14.2 21.4



#39
 1,2-Dichloropropane
 Concen: 7.305 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.44 min
 Lab File: VL037486.D
 Acq: 18 Aug 2021 11:05

Tgt Ion: 63 Resp: 981005
 Ion Ratio Lower Upper
 63 100
 41 0.2 52.4 78.6#
 62 15.9 53.6 80.4#

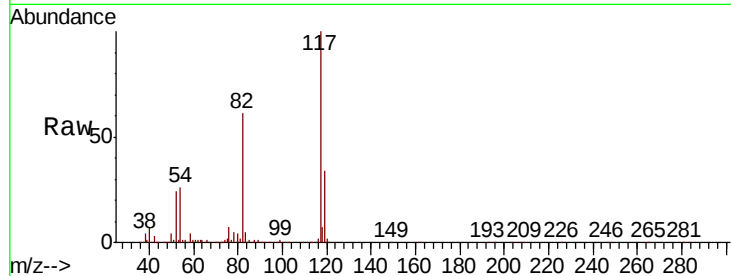




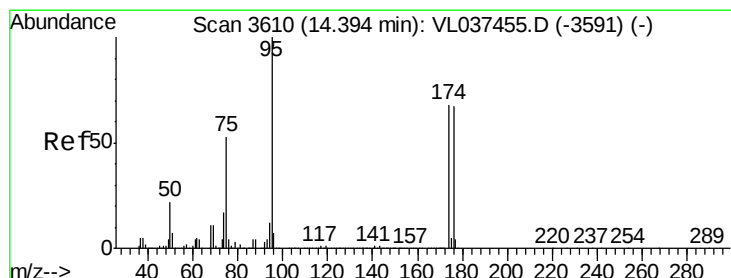
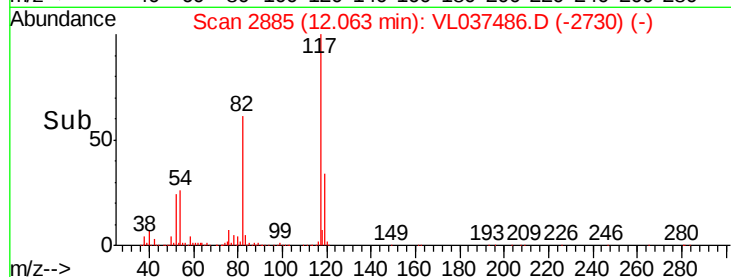
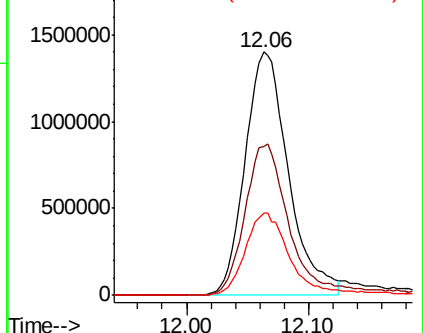
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.00 min
Lab File: VL037486.D
Acq: 18 Aug 2021 11:05

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3446993
Ion Ratio Lower Upper
117 100
82 67.2 52.9 79.3
119 36.7 24.8 37.2

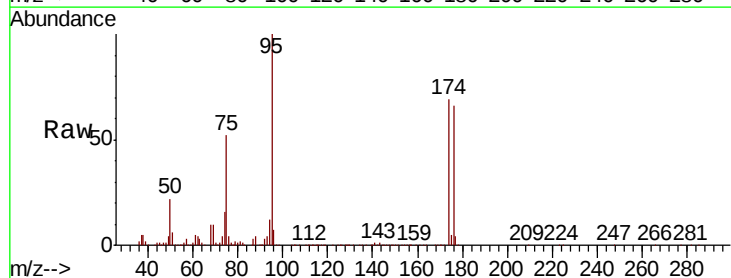


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.387 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.00 min
Lab File: VL037486.D
Acq: 18 Aug 2021 11:05

Tgt Ion: 95 Resp: 2543562
Ion Ratio Lower Upper
95 100
174 74.1 59.6 89.4
175 5.4 4.6 7.0



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

