

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090921\
 Data File : VL037595.D
 Acq On : 9 Sep 2021 12:45
 Operator : SY/AP
 Sample : VL0909ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 10 01:32:10 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	5.68	49	1482476	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4435754	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3805608	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2640650	9.77	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.70%

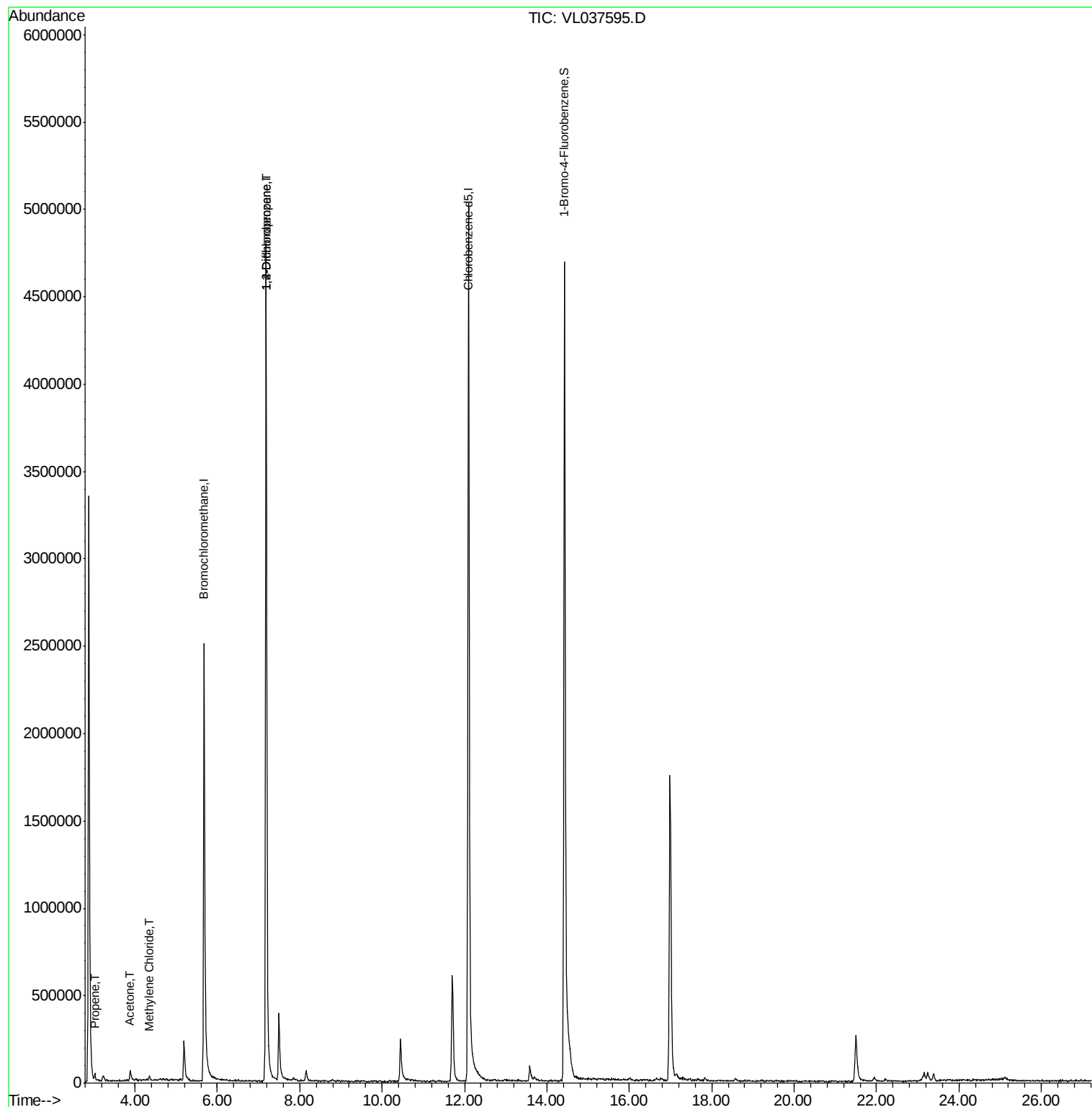
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	7490	0.074	ppbv #	16
15) Acetone	3.88	43	28530	0.189	ppbv #	44
20) Methylene Chloride	4.35	84	8387	0.111	ppbv #	80
39) 1,2-Dichloropropane	7.18	63	1031564	7.199	ppbv #	28

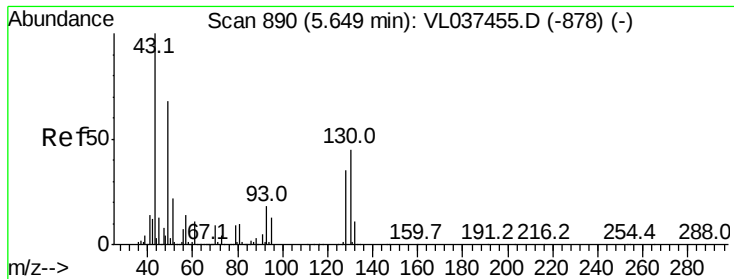
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.03 min

Lab File: VL037595.D

Acq: 9 Sep 2021 12:45

Instrument :
MSVOA_L
ClientSampleId :

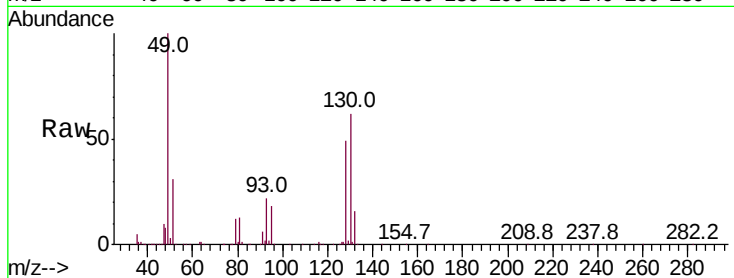
Tot Ion: 49 Resp: 1482476

Ion Ratio Lower Upper

49 100

128 53.6 27.5 82.4

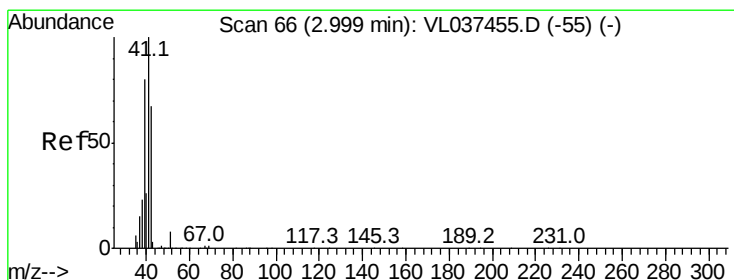
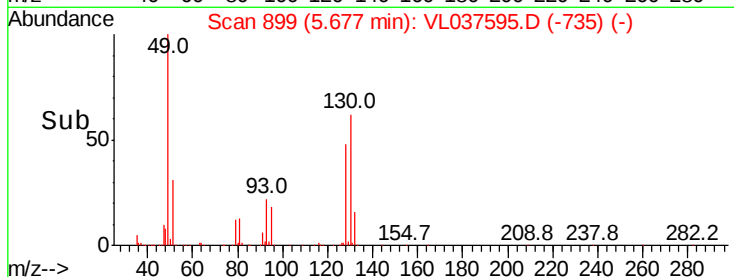
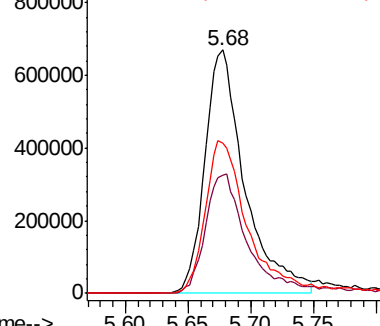
130 69.3 34.0 101.8



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: 0.074 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.02 min

Lab File: VL037595.D

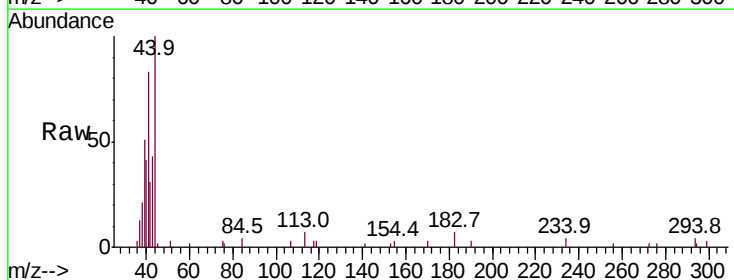
Acq: 9 Sep 2021 12:45

Tgt Ion: 41 Resp: 7490

Ion Ratio Lower Upper

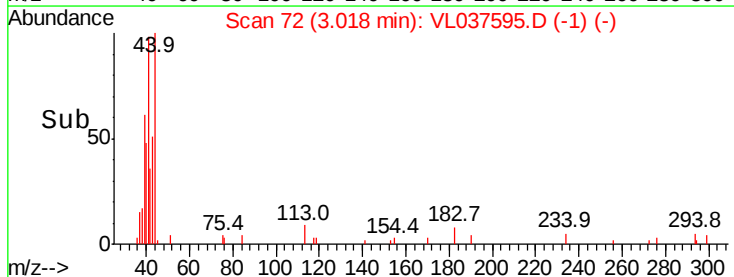
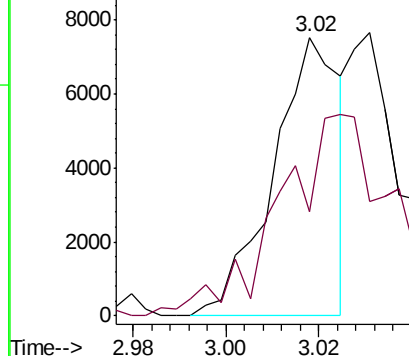
41 100

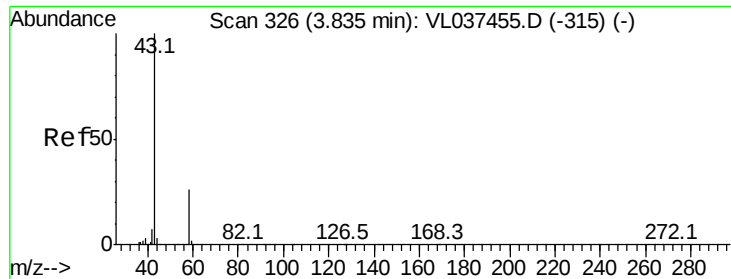
42 0.0 53.7 80.5#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

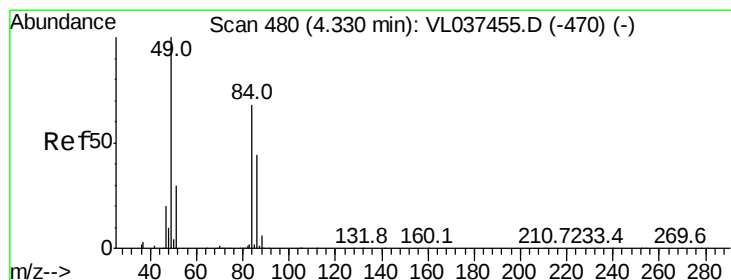
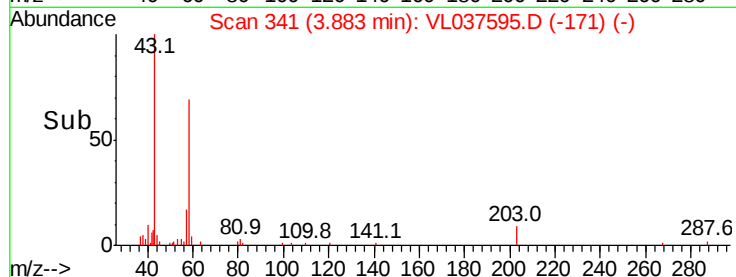
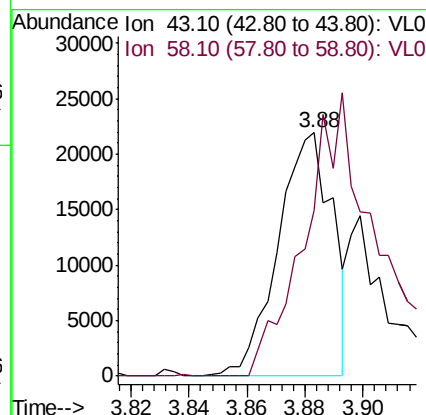
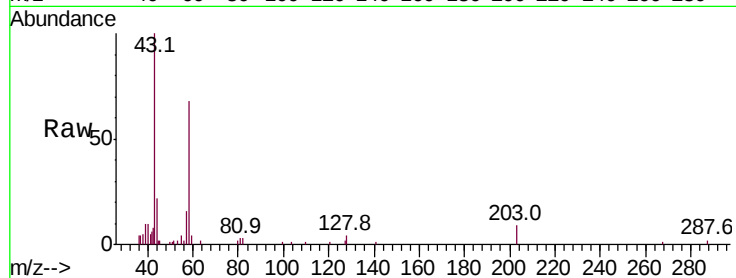




#15
Acetone
Concen: 0.189 ppbv
RT: 3.88 min Scan# 341
Delta R.T. 0.05 min
Lab File: VL037595.D
Acq: 9 Sep 2021 12:45

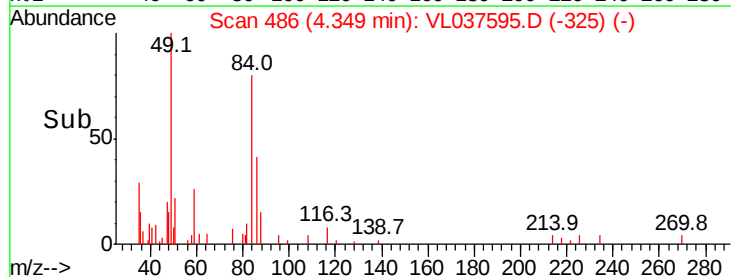
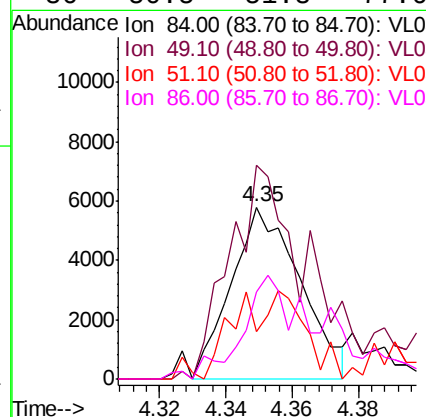
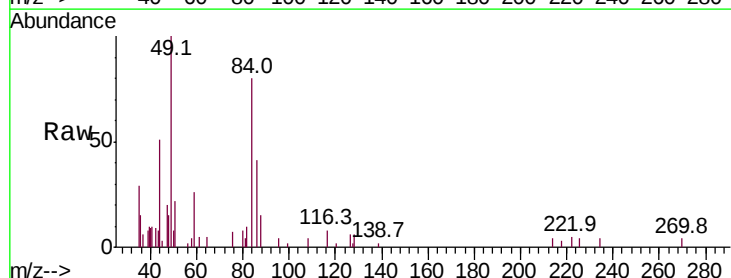
Instrument :
MSVOA_L
ClientSampleId :

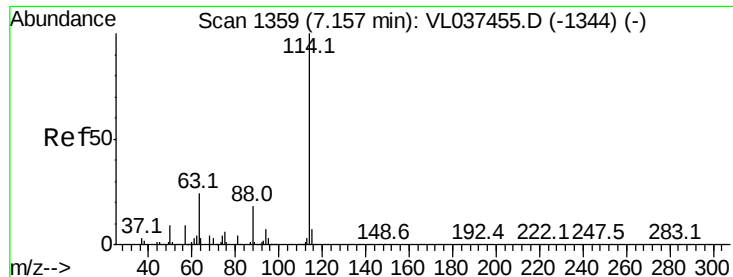
Tot Ion: 43 Resp: 28530
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#20
Methylene Chloride
Concen: 0.111 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.02 min
Lab File: VL037595.D
Acq: 9 Sep 2021 12:45

Tgt Ion: 84 Resp: 8387
Ion Ratio Lower Upper
84 100
49 124.3 118.2 177.2
51 27.7 36.6 55.0#
86 50.5 51.8 77.6#

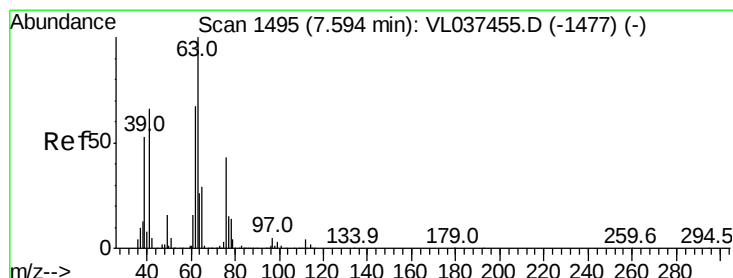
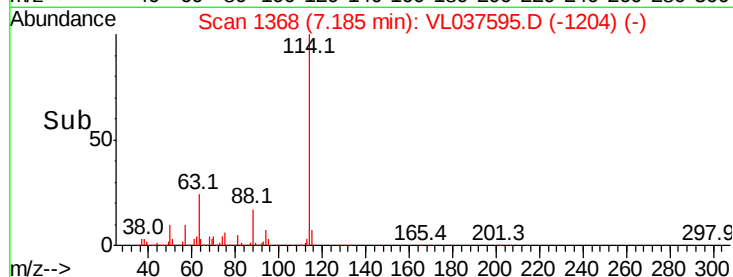
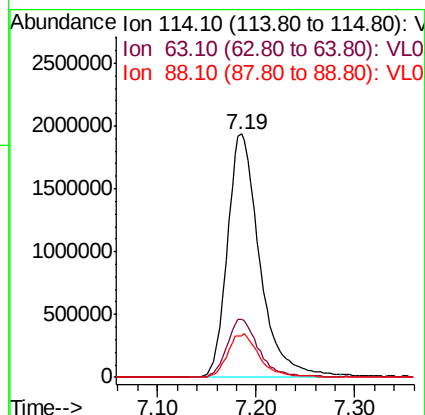
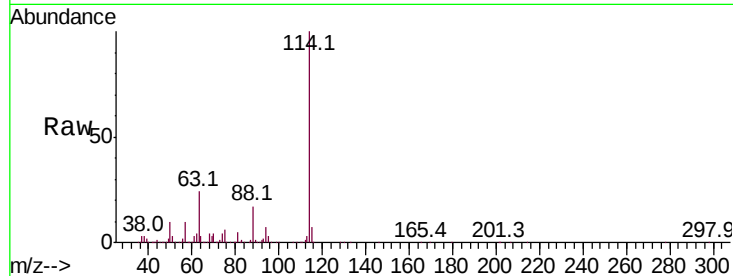




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.03 min
 Lab File: VL037595.D
 Acq: 9 Sep 2021 12:45

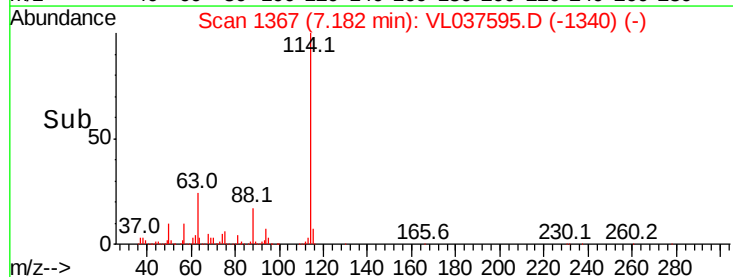
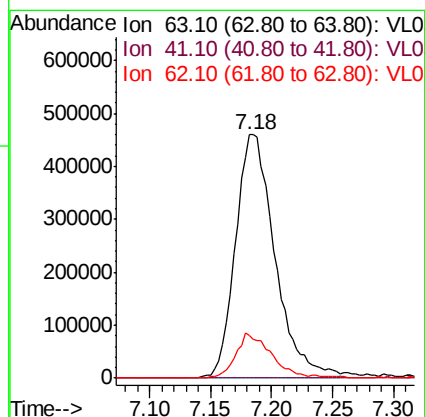
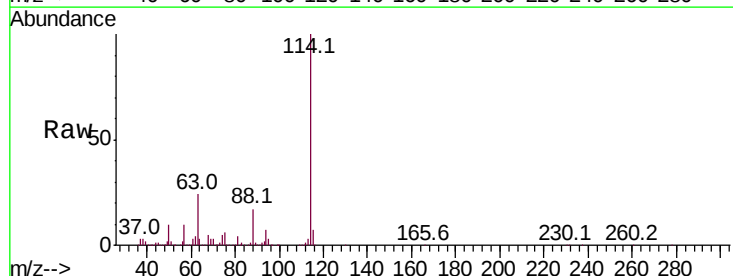
Instrument :
 MSVOA_L
 ClientSampled :

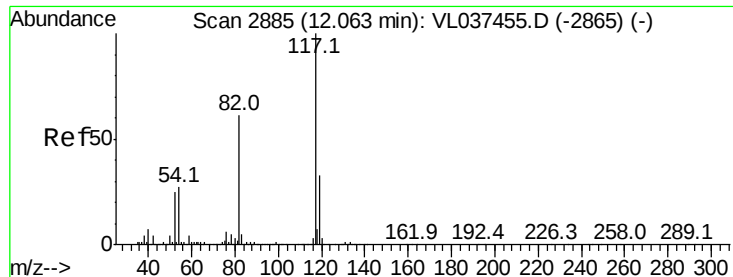
Tot Ion:114 Resp: 4435754
 Ion Ratio Lower Upper
 114 100
 63 23.7 19.3 28.9
 88 18.1 14.2 21.4



#39
 1,2-Dichloropropane
 Concen: 7.199 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.41 min
 Lab File: VL037595.D
 Acq: 9 Sep 2021 12:45

Tgt Ion: 63 Resp: 1031564
 Ion Ratio Lower Upper
 63 100
 41 0.0 52.4 78.6#
 62 17.3 53.6 80.4#

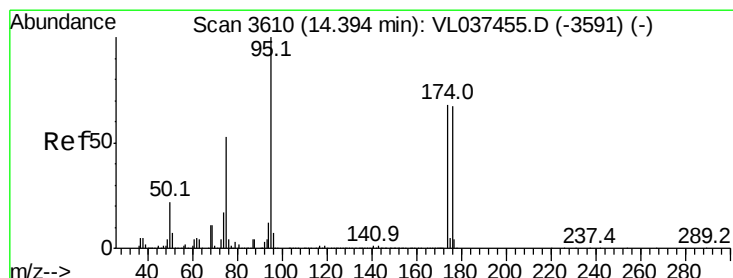
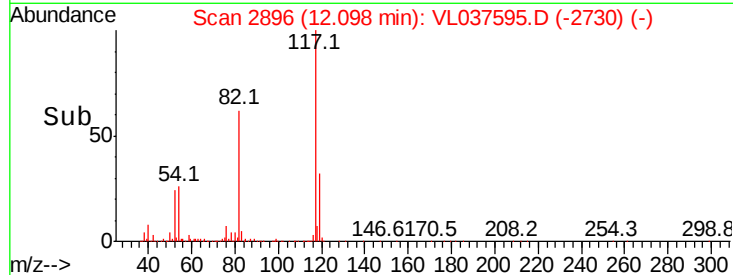
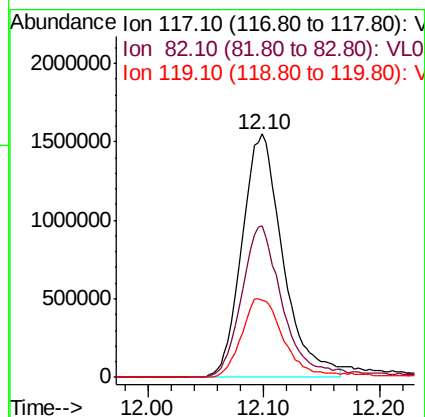
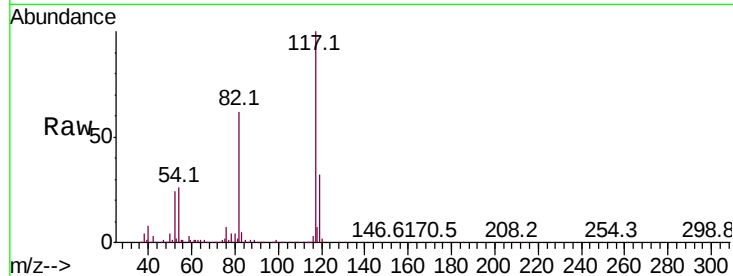




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. 0.04 min
Lab File: VL037595.D
Acq: 9 Sep 2021 12:45

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3805608
Ion Ratio Lower Upper
117 100
82 63.3 52.9 79.3
119 34.8 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.767 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. 0.03 min
Lab File: VL037595.D
Acq: 9 Sep 2021 12:45

Tgt Ion: 95 Resp: 2640650
Ion Ratio Lower Upper
95 100
174 81.0 59.6 89.4
175 5.5 4.6 7.0

