

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037222.D
 Acq On : 22 Jun 2021 18:26
 Operator : SY/AP
 Sample : OC061721 CAN 10592
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 23 01:41:20 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	5.68	49	1481887	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4380405	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3801058	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2845087	9.88	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%

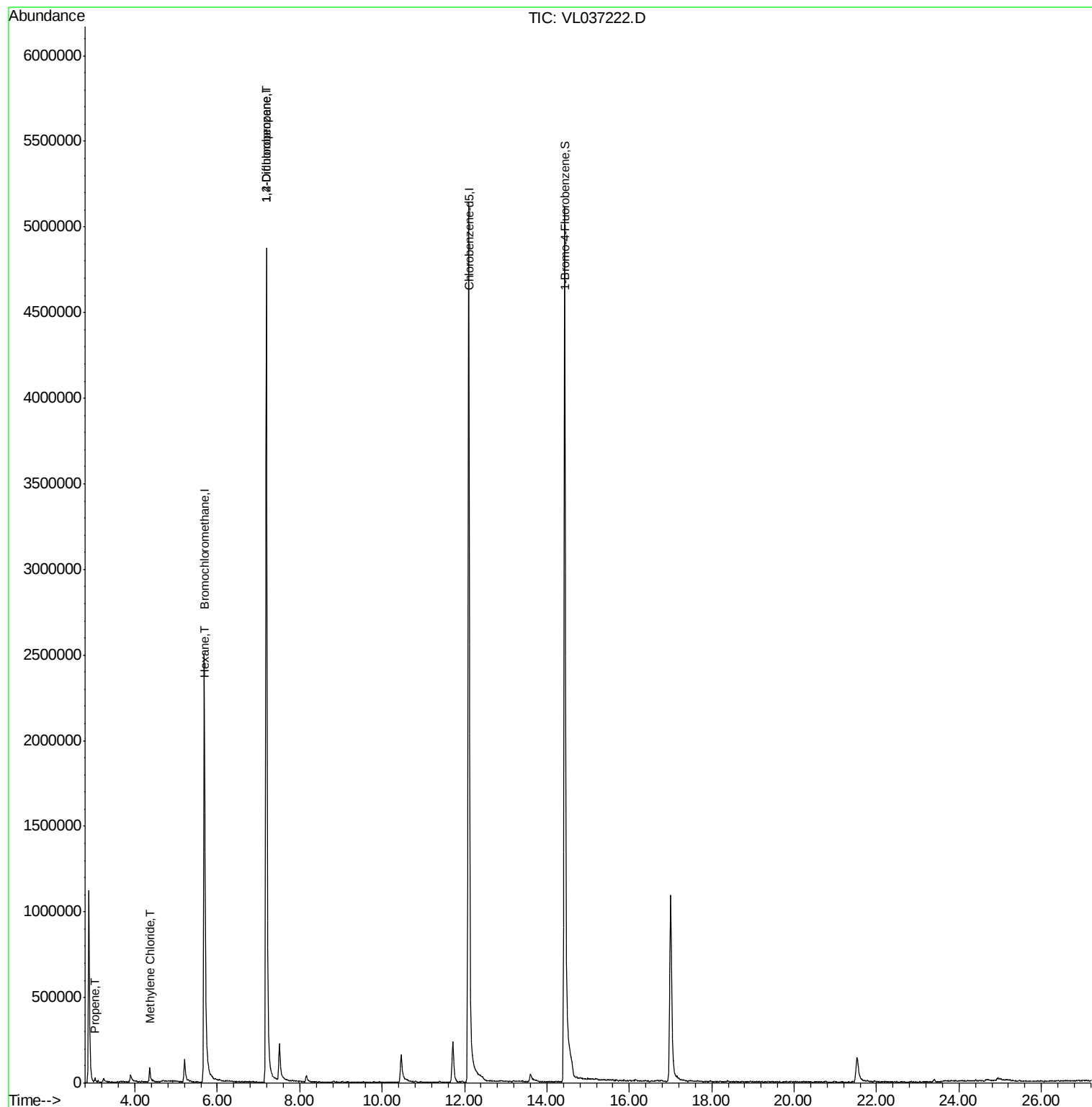
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	6141	0.067	ppbv #	69
20) Methylene Chloride	4.36	84	29355	0.293	ppbv	88
26) Hexane	5.70	57	14742	0.081	ppbv #	49
39) 1,2-Dichloropropane	7.19	63	1069048	8.122	ppbv #	23

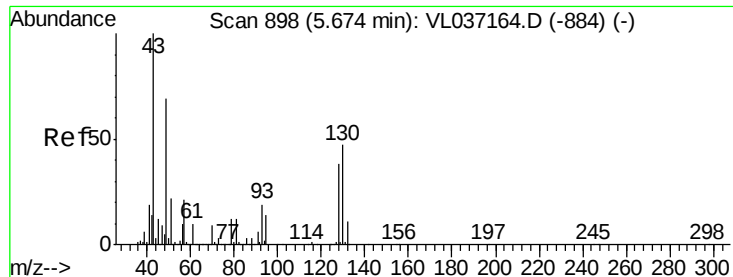
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.01 min

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Instrument :
MSVOA_L
ClientSampleId :

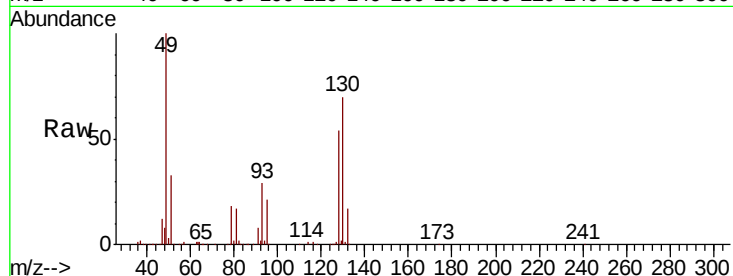
Tot Ion: 49 Resp: 1481887

Ion Ratio Lower Upper

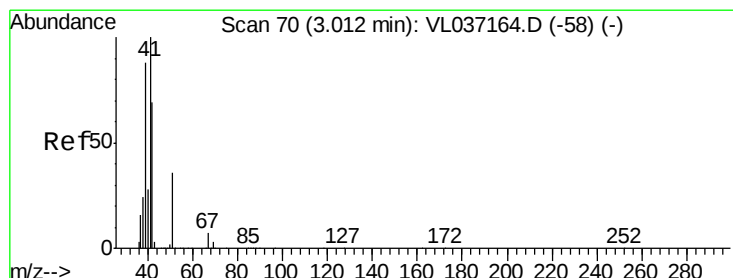
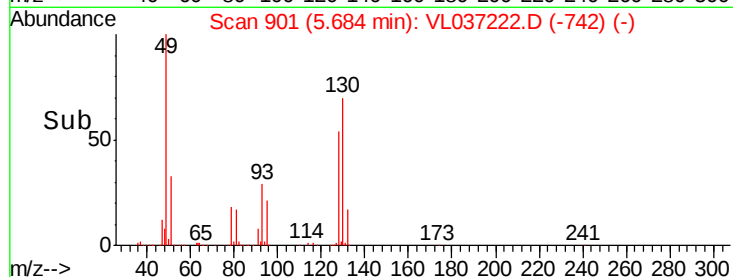
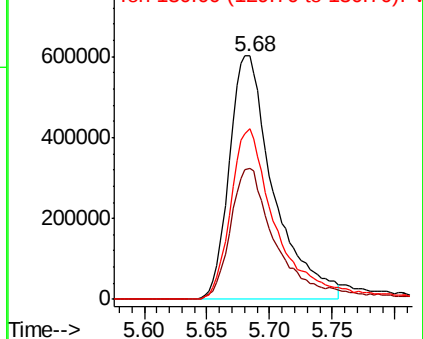
49 100

128 58.4 29.3 88.0

130 75.3 35.9 107.8



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: 0.067 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL037222.D

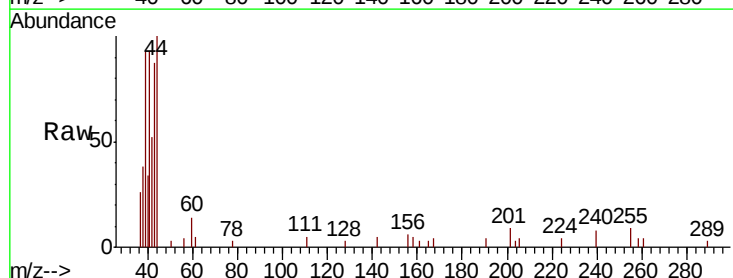
Acq: 22 Jun 2021 18:26

Tgt Ion: 41 Resp: 6141

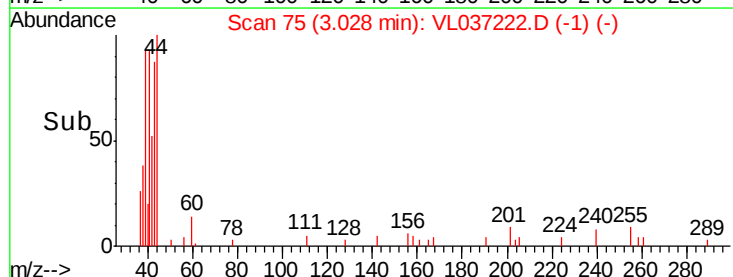
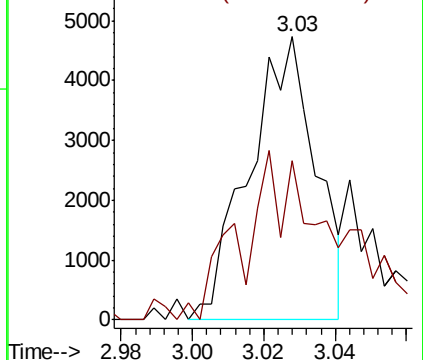
Ion Ratio Lower Upper

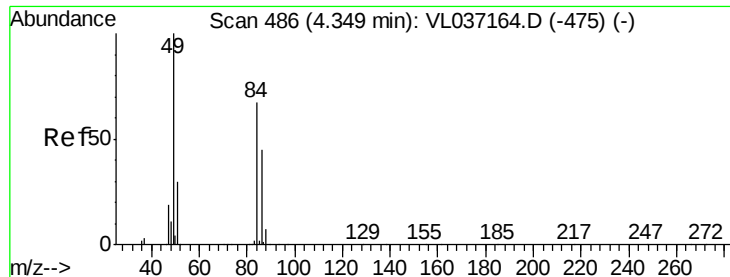
41 100

42 92.8 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: 0.293 ppbv

RT: 4.36 min Scan# 490

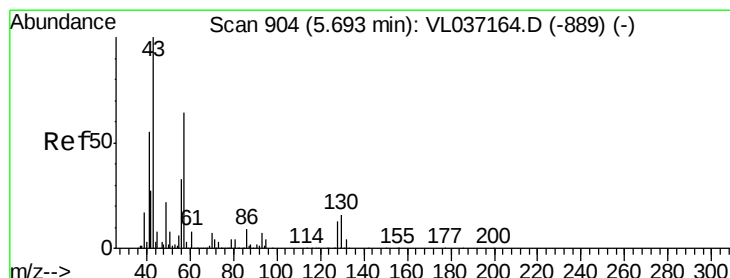
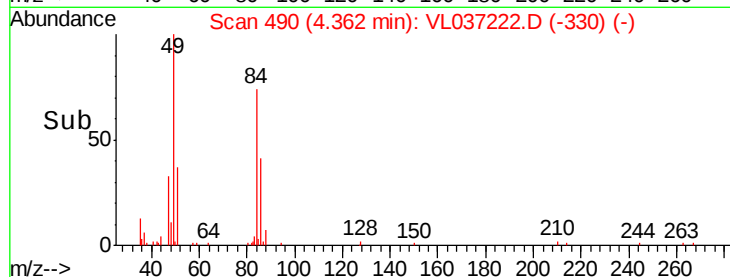
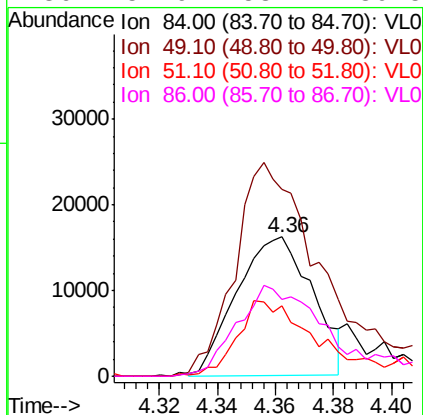
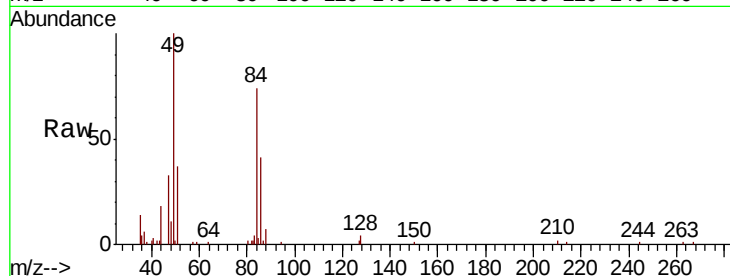
Delta R.T. 0.01 min

Lab File: VL037222.D

Acq: 22 Jun 2021 18:26

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:	84	Resp:	29355
Ion	Ratio	Lower	Upper
84	100		
49	134.6	119.7	179.5
51	50.6	36.1	54.1
86	54.9	53.7	80.5



#26

Hexane

Concen: 0.081 ppbv

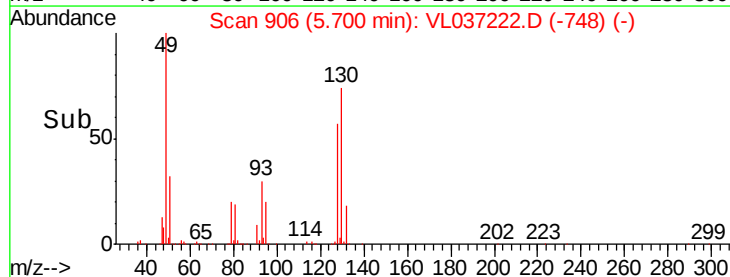
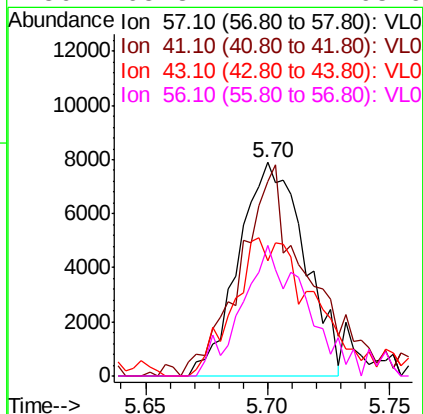
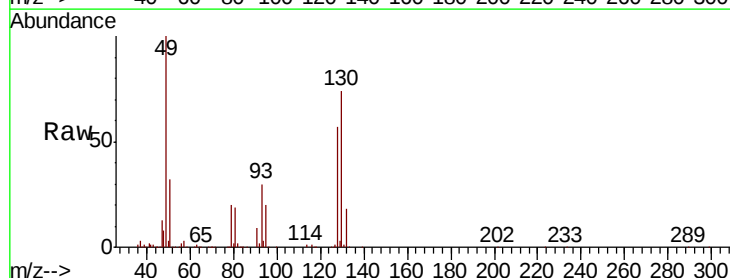
RT: 5.70 min Scan# 906

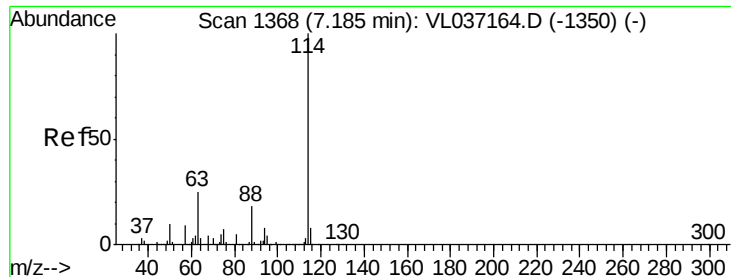
Delta R.T. 0.01 min

Lab File: VL037222.D

Acq: 22 Jun 2021 18:26

Tgt Ion:	57	Resp:	14742
Ion	Ratio	Lower	Upper
57	100		
41	103.4	73.5	110.3
43	93.0	170.7	256.1#
56	65.3	42.4	63.6#

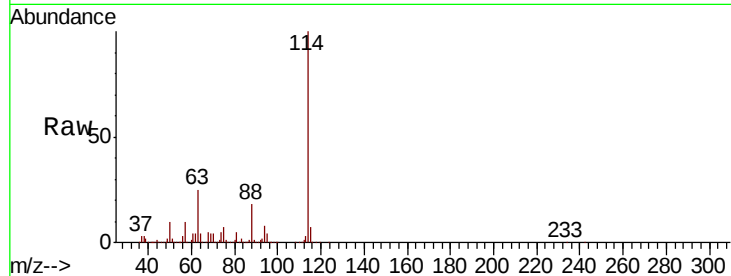




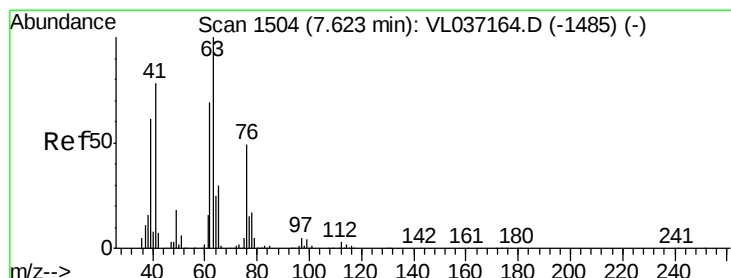
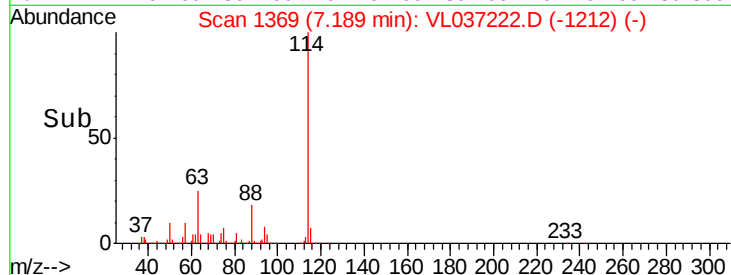
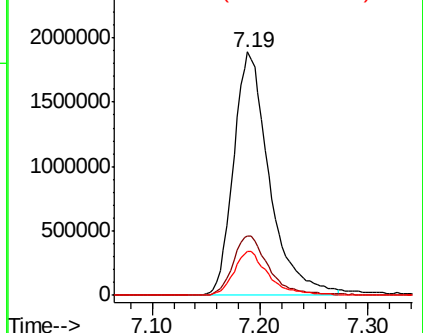
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VL037222.D
 Acq: 22 Jun 2021 18:26

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 4380405
 Ion Ratio Lower Upper
 114 100
 63 25.0 19.6 29.4
 88 18.1 14.2 21.2

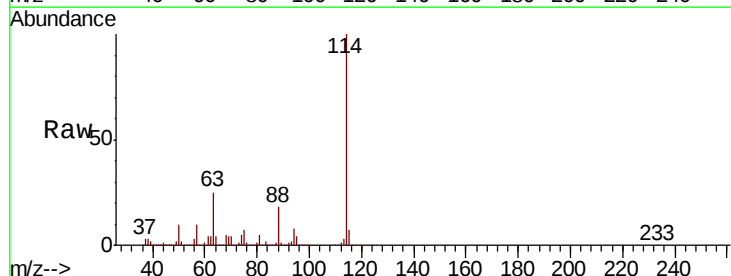


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

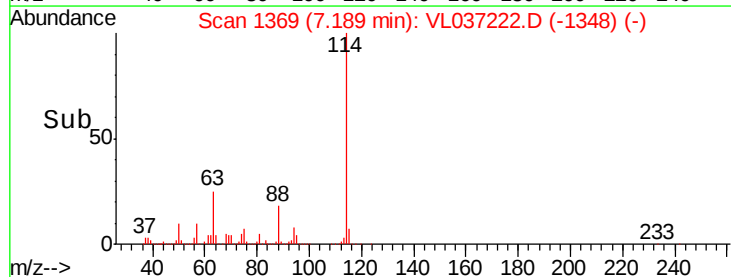
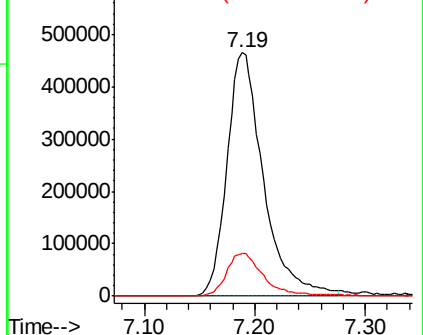


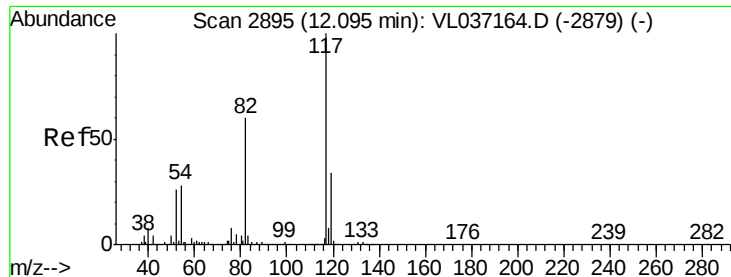
#39
 1,2-Dichloropropane
 Concen: 8.122 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.43 min
 Lab File: VL037222.D
 Acq: 22 Jun 2021 18:26

Tgt Ion: 63 Resp: 1069048
 Ion Ratio Lower Upper
 63 100
 41 0.1 62.0 93.0#
 62 17.6 54.9 82.3#



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

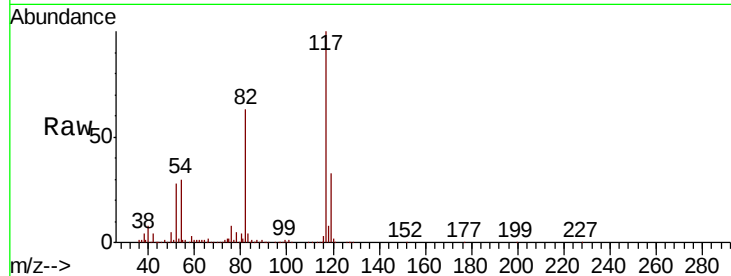




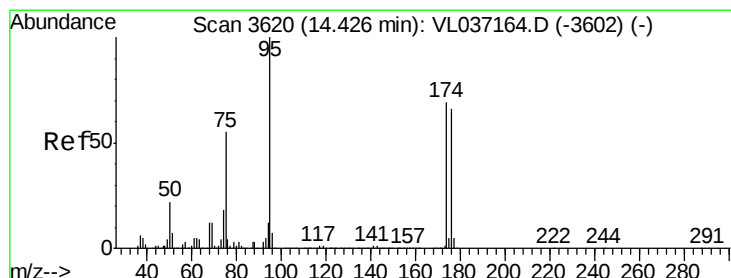
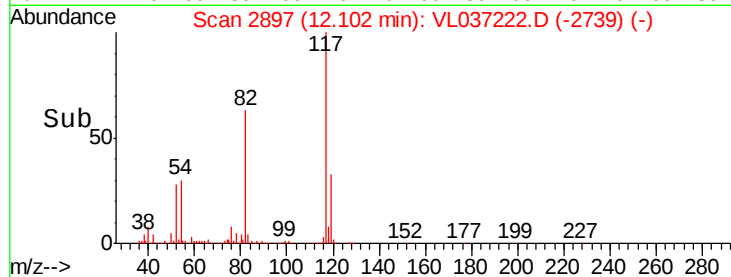
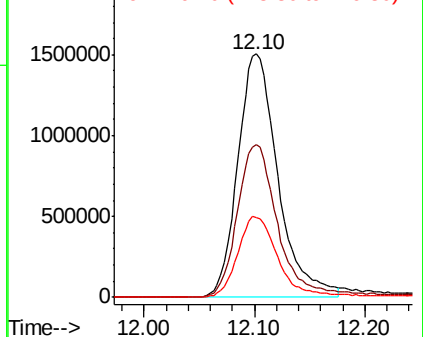
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL037222.D
Acq: 22 Jun 2021 18:26

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3801058
Ion Ratio Lower Upper
117 100
82 65.7 51.7 77.5
119 34.3 47.6 71.4#

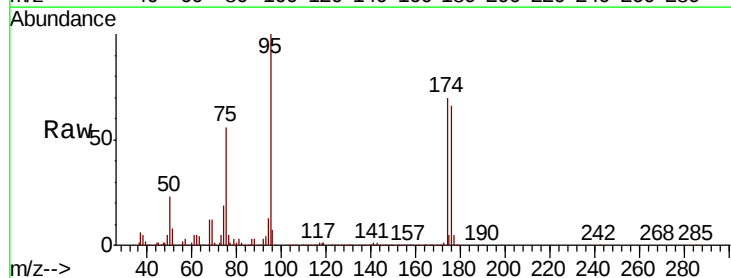


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.878 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. 0.01 min
Lab File: VL037222.D
Acq: 22 Jun 2021 18:26

Tgt Ion: 95 Resp: 2845087
Ion Ratio Lower Upper
95 100
174 73.9 57.0 85.4
175 5.4 4.4 6.6



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

