

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052421\
 Data File : VL037045.D
 Acq On : 24 May 2021 11:48
 Operator : SY/AP
 Sample : VL0524ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 25 01:47:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1290736	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3825594	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3291870	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2355677	9.53	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.30%

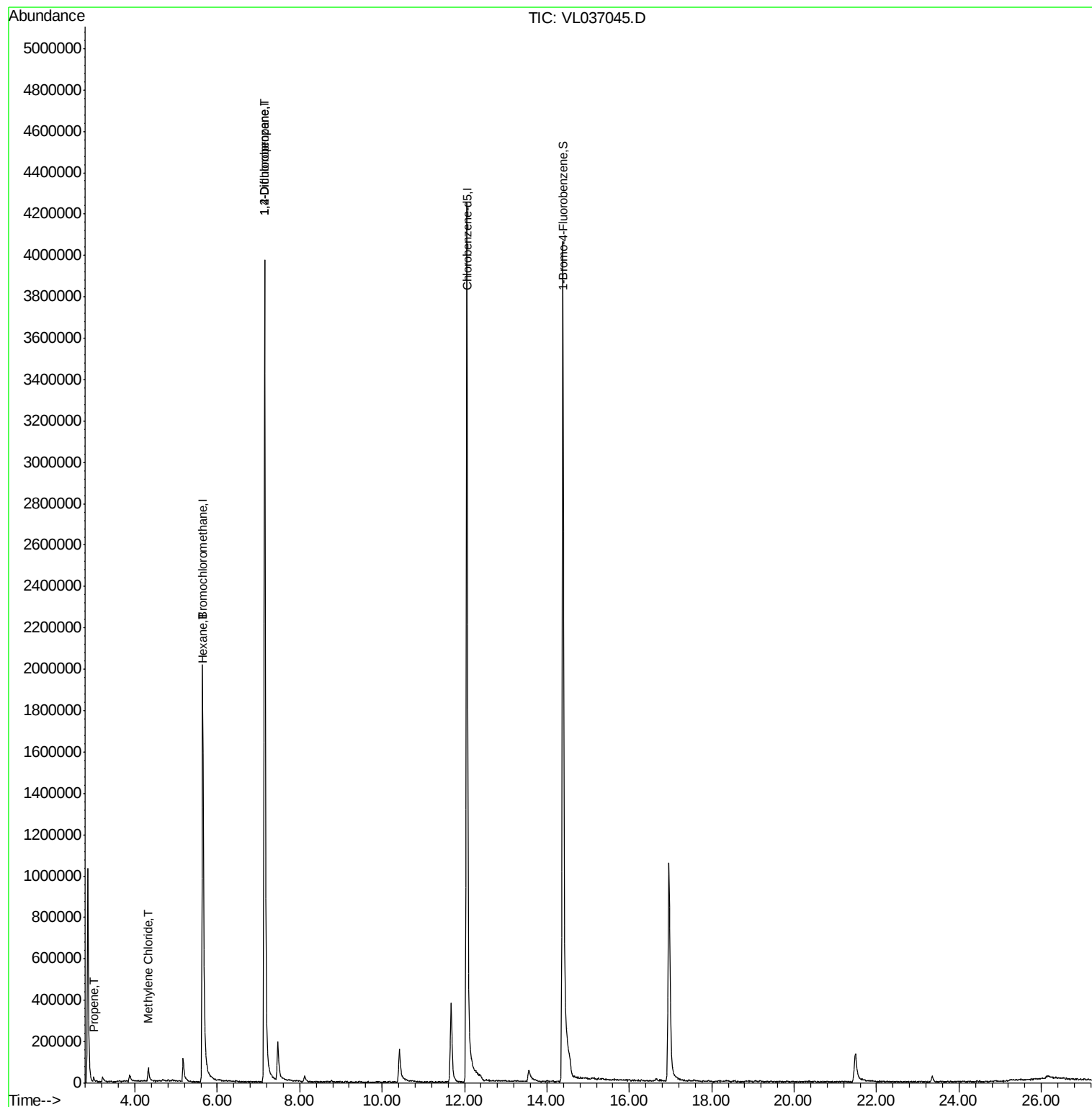
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	5834	0.069	ppbv #	73
20) Methylene Chloride	4.33	84	27991	0.395	ppbv	85
26) Hexane	5.66	57	5500	0.034	ppbv #	1
39) 1,2-Dichloropropane	7.15	63	895794	7.057	ppbv #	25

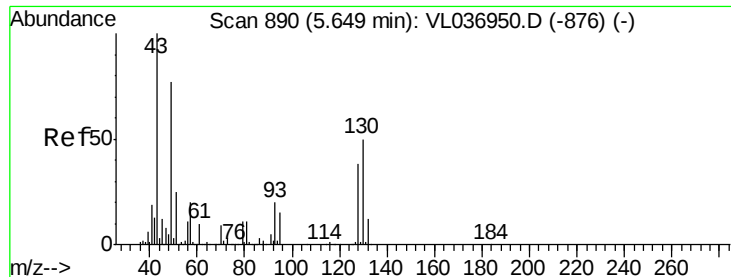
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.01 min

Lab File: VL037045.D

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MSVOA_L

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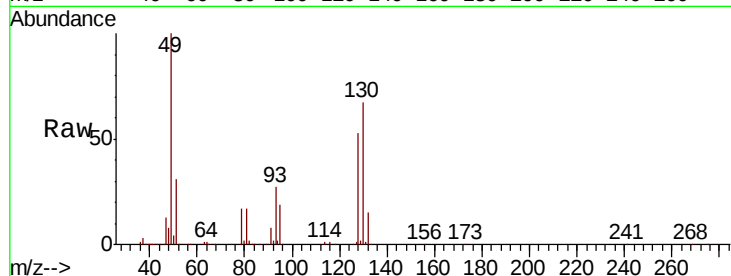
Tot Ion: 49 Resp: 1290736

Ion Ratio Lower Upper

49 100

128 56.1 26.9 80.7

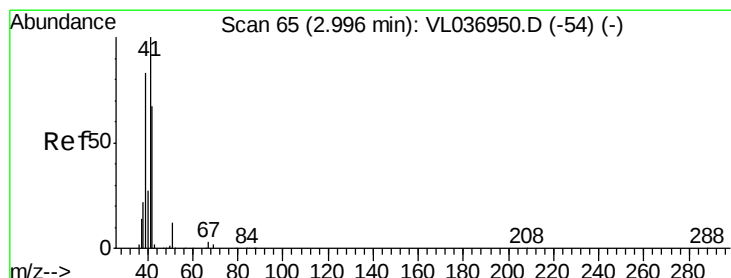
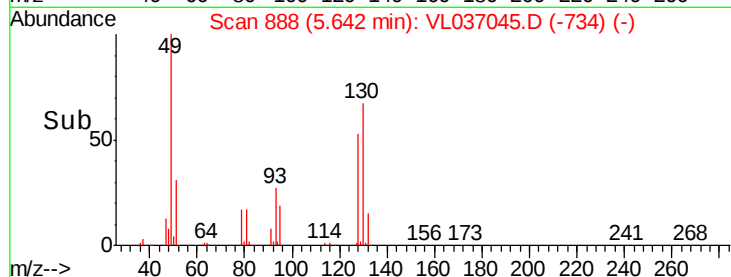
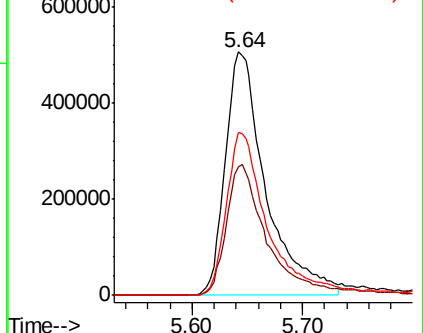
130 71.3 33.8 101.4



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: 0.069 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.01 min

Lab File: VL037045.D

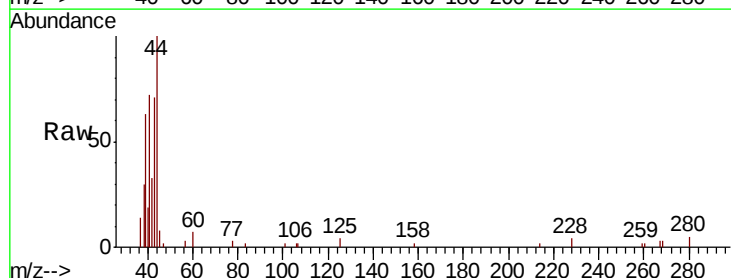
Acq: 24 May 2021 11:48

Tgt Ion: 41 Resp: 5834

Ion Ratio Lower Upper

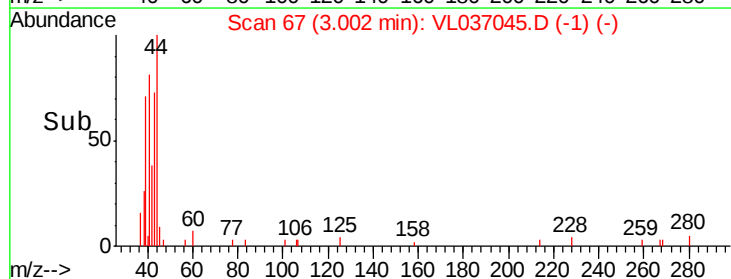
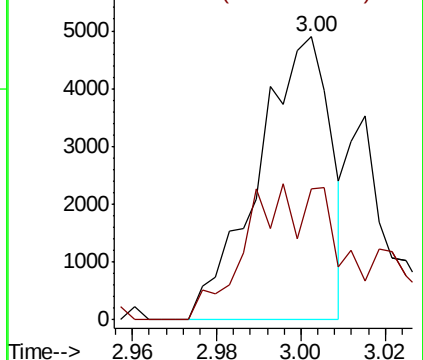
41 100

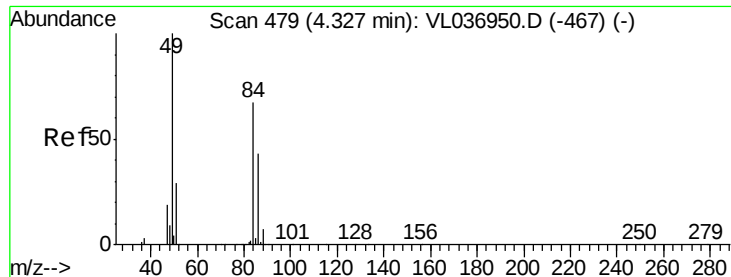
42 89.2 53.9 80.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

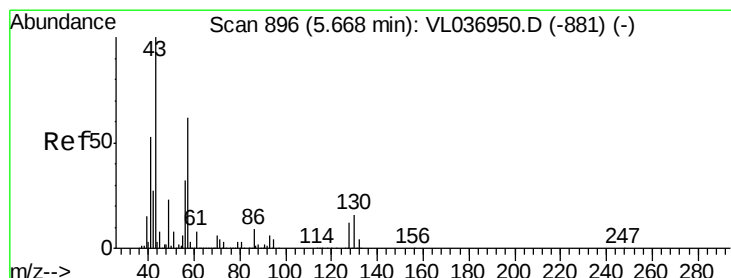
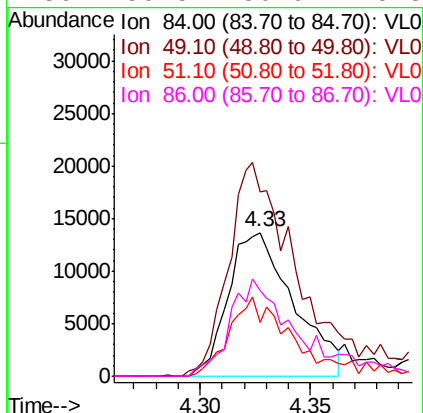
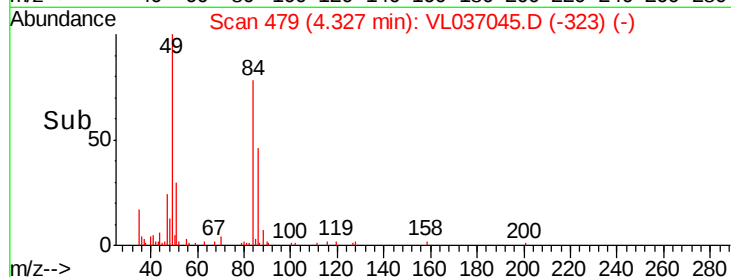
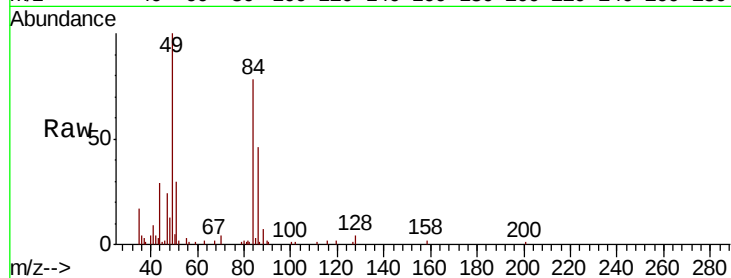




#20
Methvlene Chloride
Concen: 0.395 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.00 min
Lab File: VL037045.D
Acq: 24 May 2021 11:48

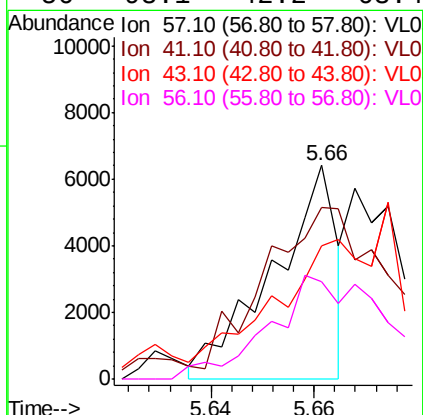
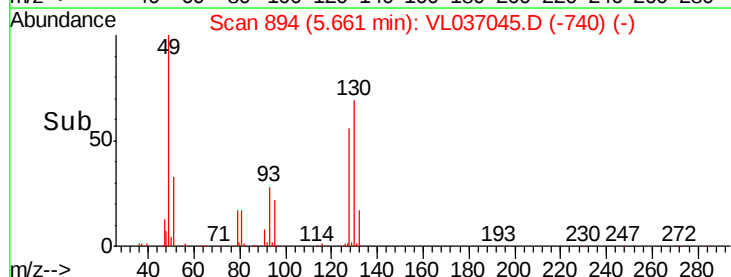
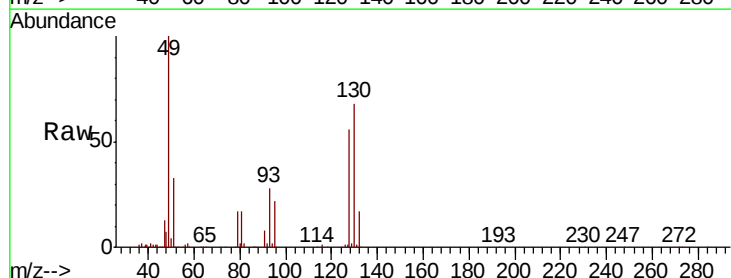
Instrument :
MSVOA_L
ClientSampleId :

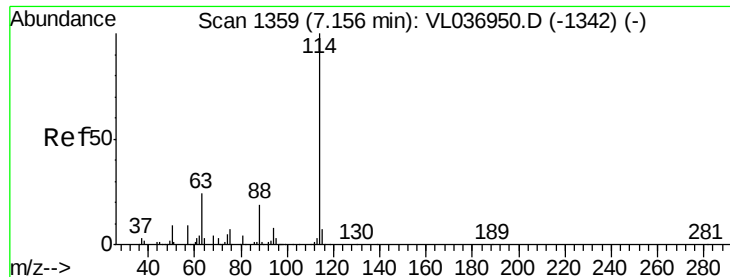
Tot Ion:	84	Resp:	27991
Ion	Ratio	Lower	Upper
84	100		
49	124.3	119.8	179.6
51	37.9	35.1	52.7
86	59.5	50.9	76.3



#26
Hexane
Concen: 0.034 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL037045.D
Acq: 24 May 2021 11:48

Tgt Ion:	57	Resp:	5500
Ion	Ratio	Lower	Upper
57	100		
41	207.4	70.5	105.7#
43	0.0	165.8	248.8#
56	98.1	42.2	63.4#



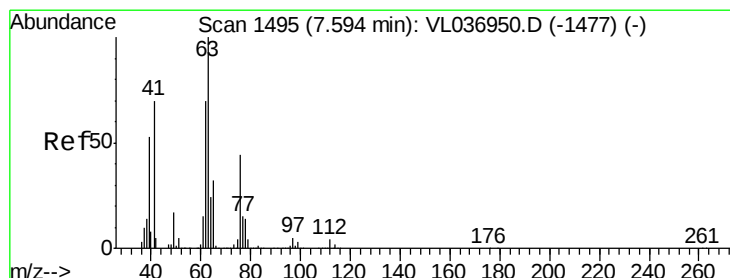
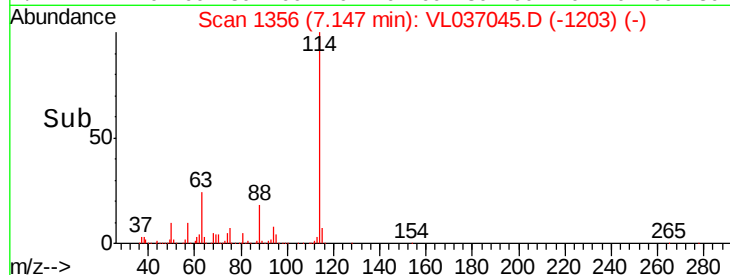
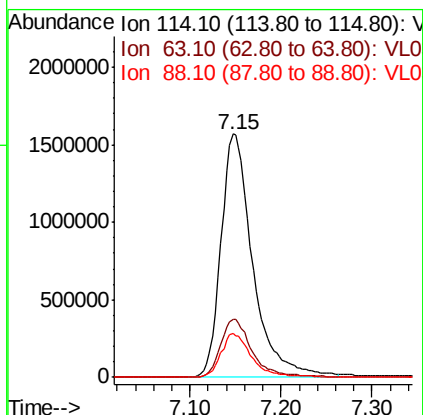
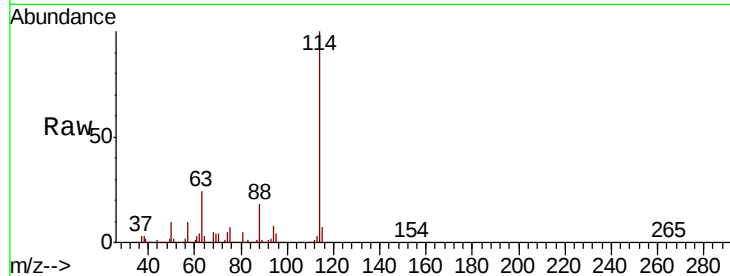


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: VL037045.D
 Acq: 24 May 2021 11:48

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3825594

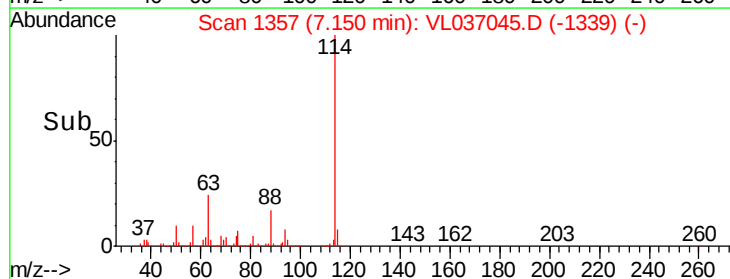
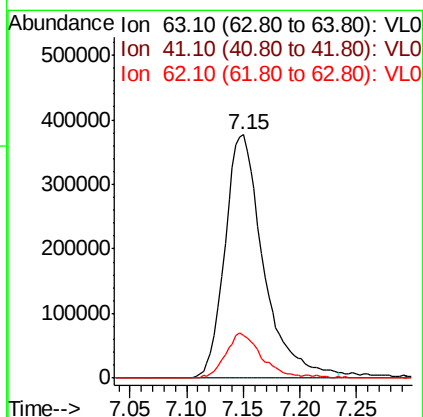
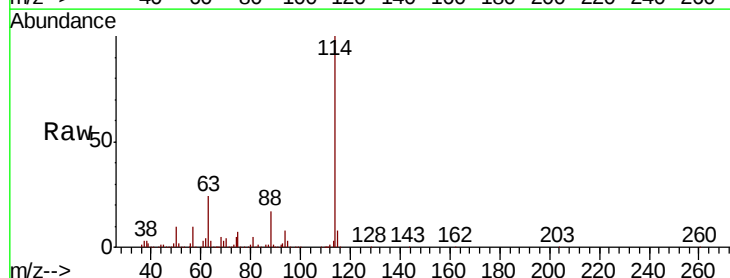
Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.6	29.4
88	17.5	14.6	21.8

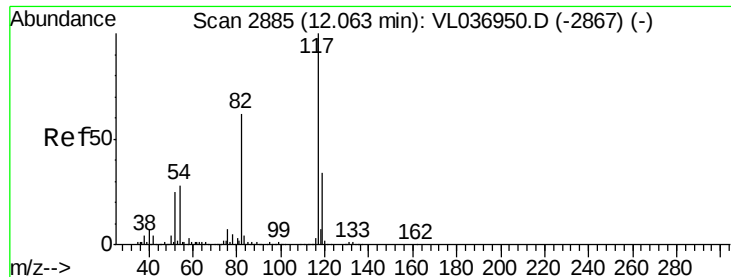


#39
 1,2-Dichloropropane
 Concen: 7.057 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.44 min
 Lab File: VL037045.D
 Acq: 24 May 2021 11:48

Tgt Ion: 63 Resp: 895794

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.7	83.5#
62	17.2	56.2	84.4#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2883

Delta R.T. -0.01 min

Lab File: VL037045.D

Acq: 24 May 2021 11:48

Instrument :

MSVOA_L

ClientSampleId :

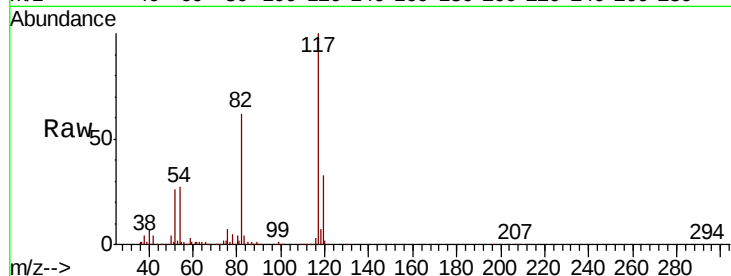
Tot Ion:117 Resp: 3291870

Ion Ratio Lower Upper

117 100

82 64.1 52.6 79.0

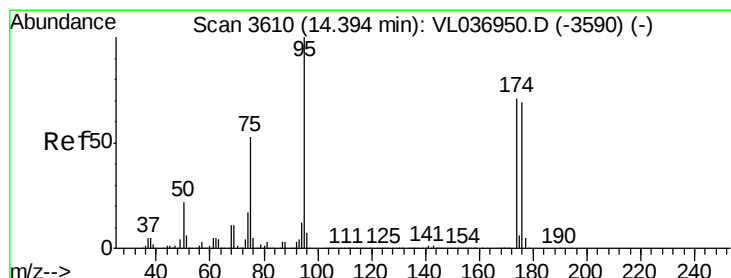
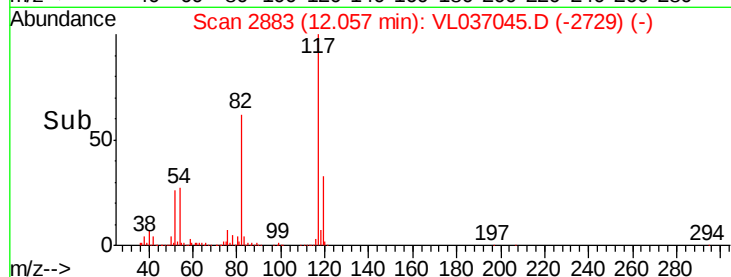
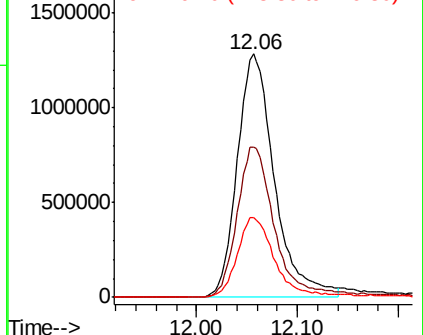
119 34.2 46.6 70.0#



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: 9.526 ppbv

RT: 14.39 min Scan# 3608

Delta R.T. -0.01 min

Lab File: VL037045.D

Acq: 24 May 2021 11:48

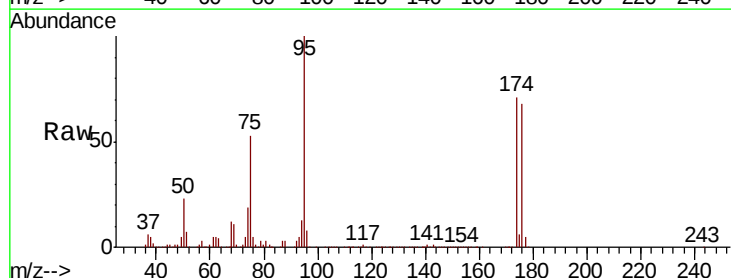
Tgt Ion: 95 Resp: 2355677

Ion Ratio Lower Upper

95 100

174 77.8 58.4 87.6

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

