

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060821\
 Data File : VL037137.D
 Acq On : 8 Jun 2021 18:18
 Operator : SY/AP
 Sample : M2614-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-5CDL

Manual Integrations
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Quant Time: Jun 09 02:06:55 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 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	5.67	49	1347596	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	3914124	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	3506544	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2628411	9.98	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	183301	0.742	ppbv	99
9) Propene	3.02	41	29212	0.330	ppbv	92
13) Ethanol	3.60	45	1835336	155.599	ppbv	99
15) Acetone	3.86	43	249746	1.809	ppbv	92
19) Isopropyl Alcohol	3.98	45	437941	5.902	ppbv #	37
20) Methylene Chloride	4.34	84	64220	0.868	ppbv	91
25) Ethyl Acetate	5.69	43	77232	0.233	ppbv	99
29) Chloroform	5.75	83	38061	0.159	ppbv	96
34) 2-Butanone	5.25	43	31072m	0.218	ppbv	
36) Benzene	6.89	78	183776	0.545	ppbv	97
53) Toluene	9.81	91	119774	0.299	ppbv	96

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

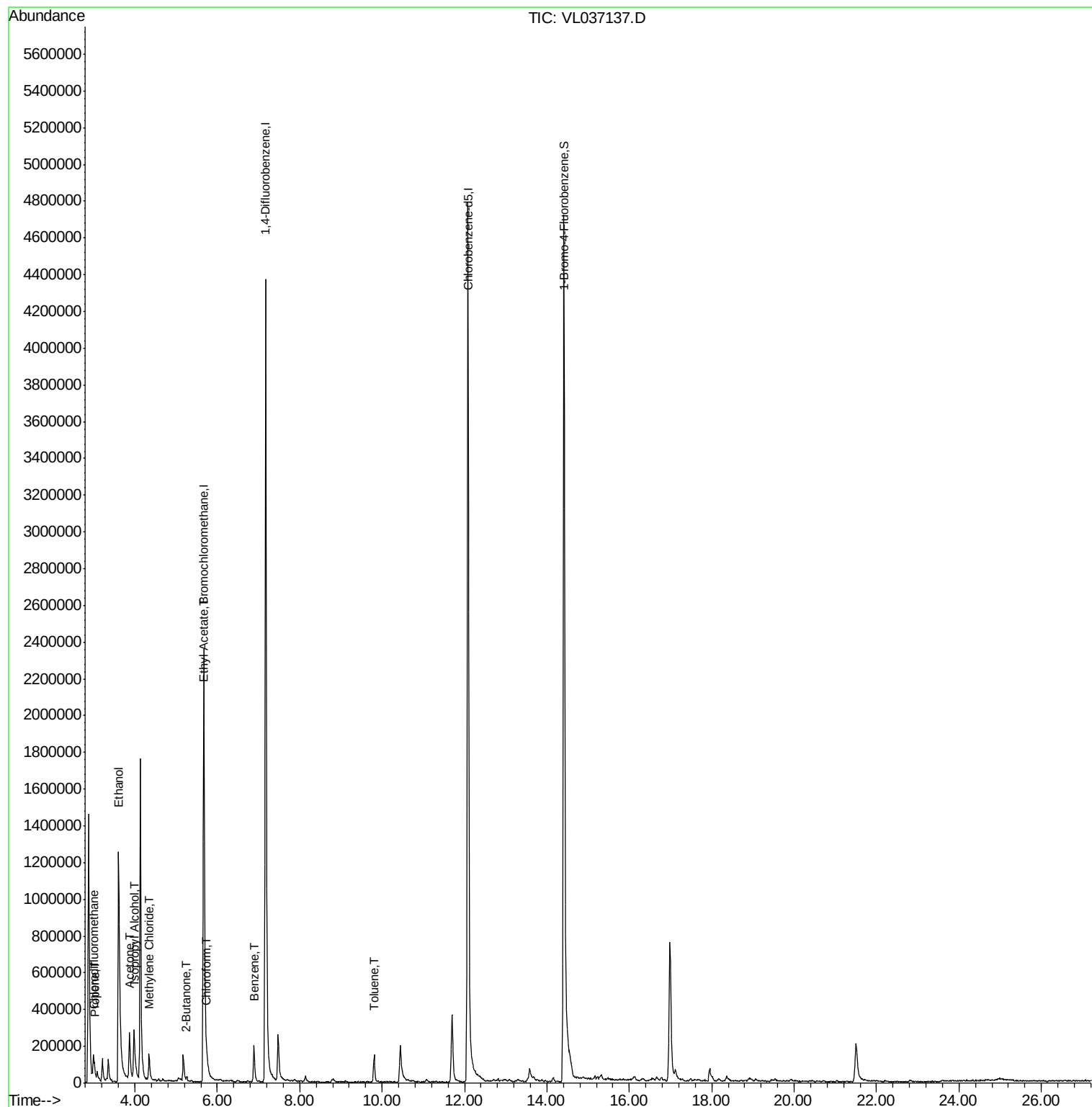
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL060821\
Data File : VL037137.D
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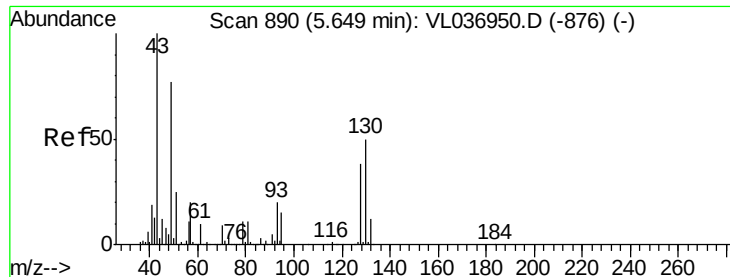
Instrument :
MSVOA_L
ClientSampleId :
SR-5CDL

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Quant Time: Jun 09 02:06:55 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May
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Response via : Initial Calibration





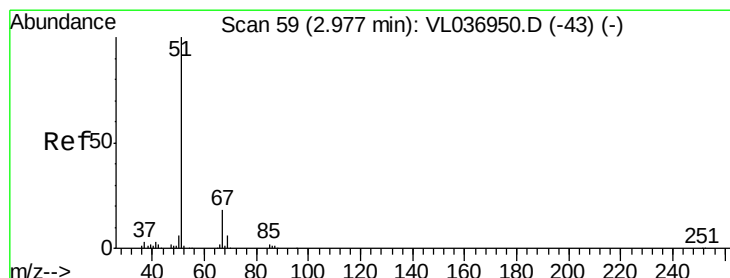
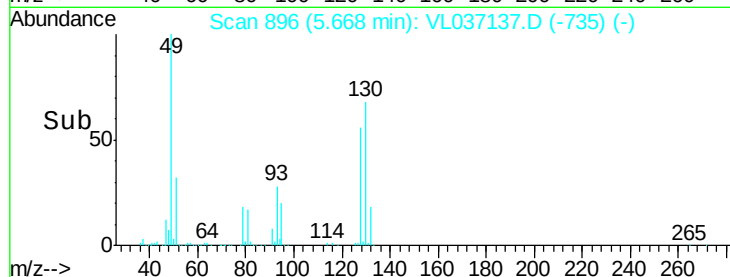
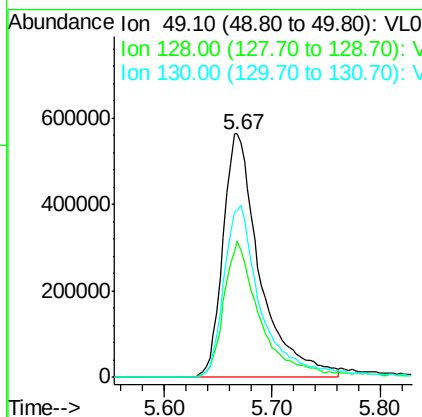
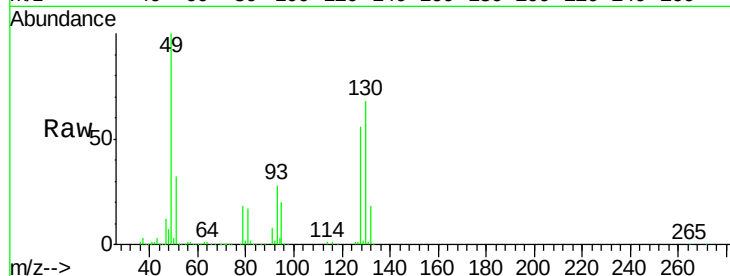
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 896
 Delta R.T. 0.02 min
 Lab File: VL037137.D
 Acq: 8 Jun 2021 18:18

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-5CDL

Tot Ion: 49 Resp: 1347596
 Ion Ratio Lower Upper
 49 100
 128 56.5 26.9 80.7
 130 73.8 33.8 101.4

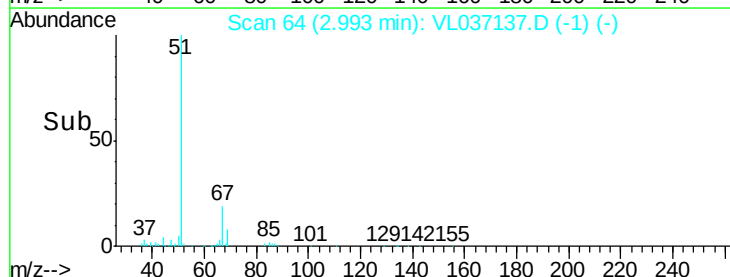
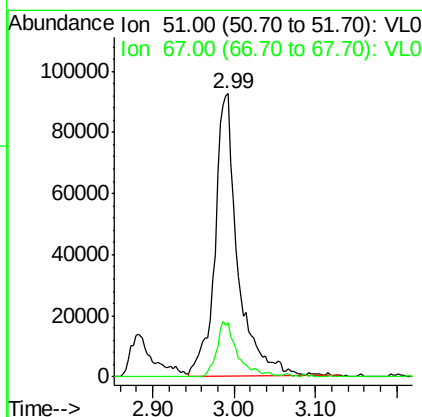
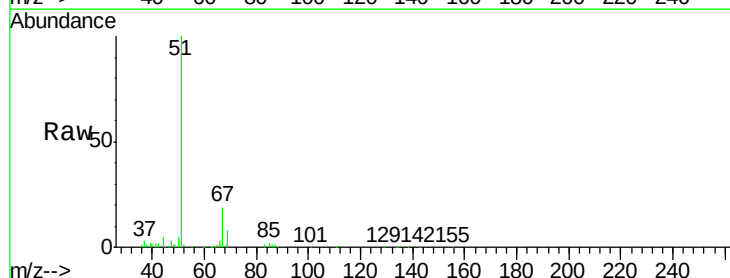
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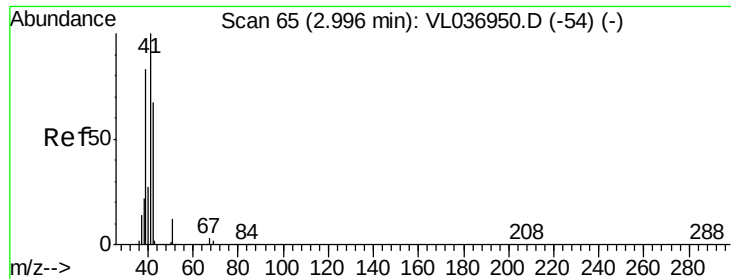
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#3
 Chlorodifluoromethane
 Concen: 0.742 ppbv
 RT: 2.99 min Scan# 64
 Delta R.T. 0.02 min
 Lab File: VL037137.D
 Acq: 8 Jun 2021 18:18

Tgt Ion: 51 Resp: 183301
 Ion Ratio Lower Upper
 51 100
 67 18.6 14.6 21.8





#9

Propene

Concen: 0.330 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.02 min

Lab File: VL037137.D

Acq: 8 Jun 2021 18:18

Instrument :

MSVOA_L

ClientSampleId :

SR-5CDL

Tot Ion: 41 Resp: 29212

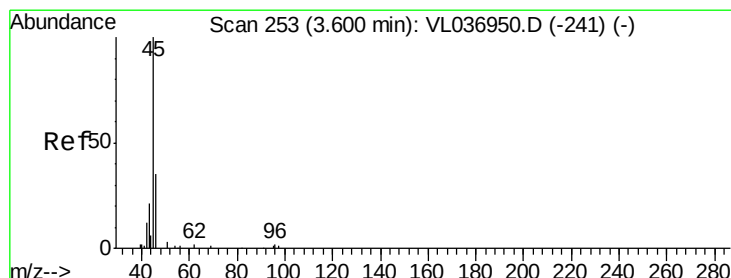
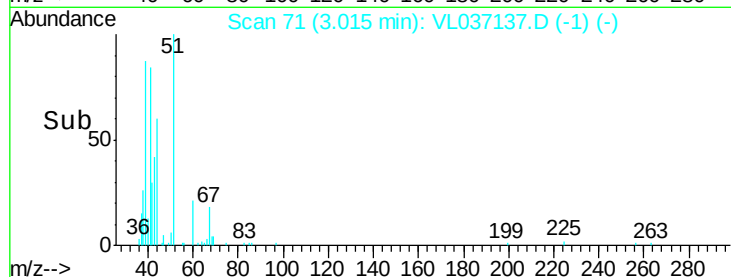
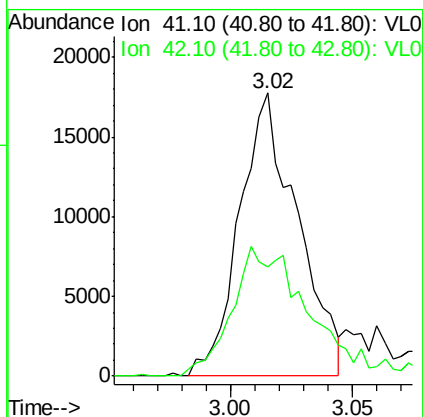
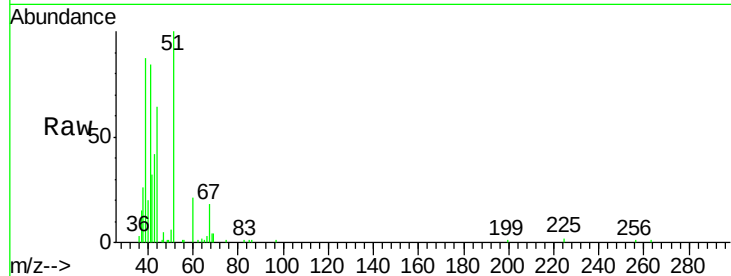
Ion Ratio Lower Upper

41 100

42 61.0 53.9 80.9

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#13

Ethanol

Concen: 155.599 ppbv

RT: 3.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: VL037137.D

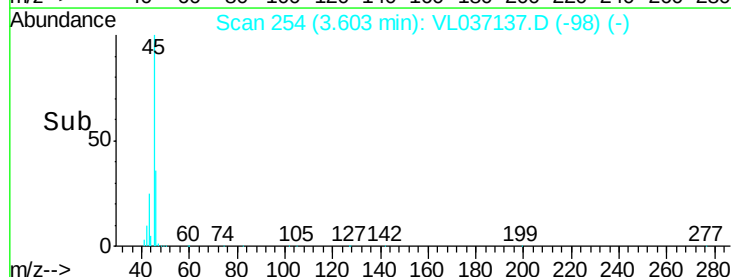
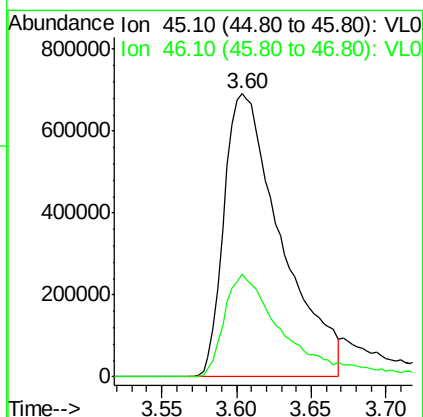
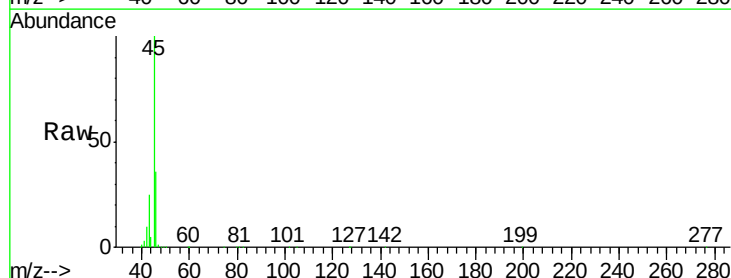
Acq: 8 Jun 2021 18:18

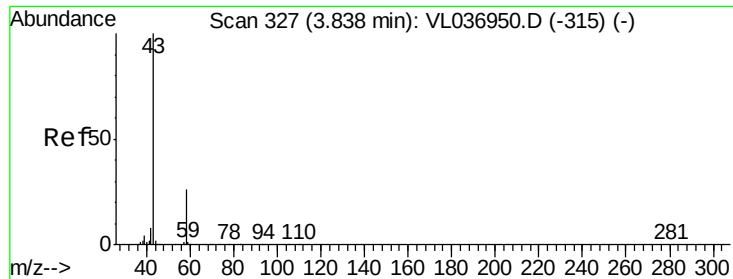
Tgt Ion: 45 Resp: 1835336

Ion Ratio Lower Upper

45 100

46 40.1 16.3 65.3





#15

Acetone

Concen: 1.809 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.02 min

Lab File: VL037137.D

Acq: 8 Jun 2021 18:18

Instrument :

MSVOA_L

ClientSampleId :

SR-5CDL

Tot Ion: 43 Resp: 249746

Ion Ratio Lower Upper

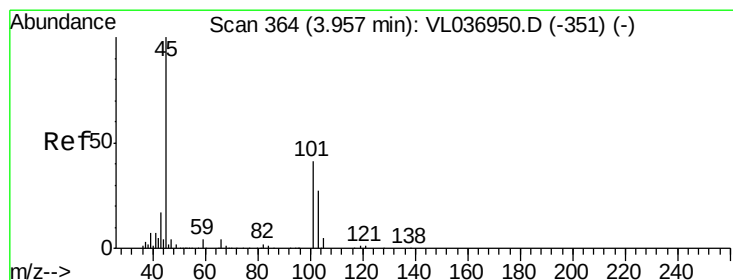
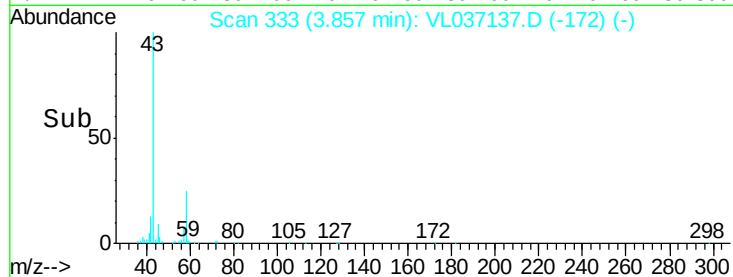
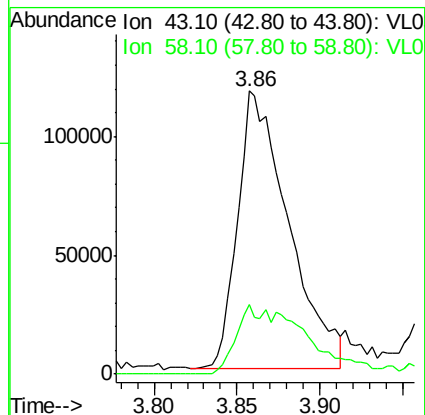
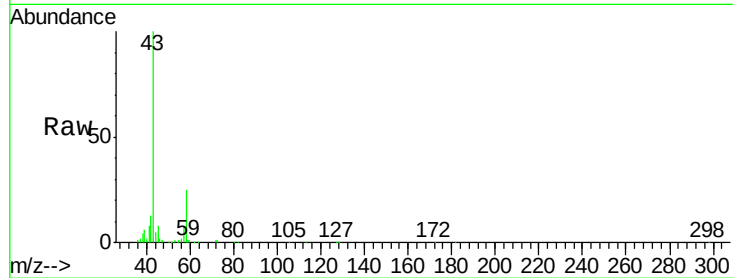
43 100

58 34.5 24.0 36.0

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#19

Isopropyl Alcohol

Concen: 5.902 ppbv

RT: 3.98 min Scan# 370

Delta R.T. 0.02 min

Lab File: VL037137.D

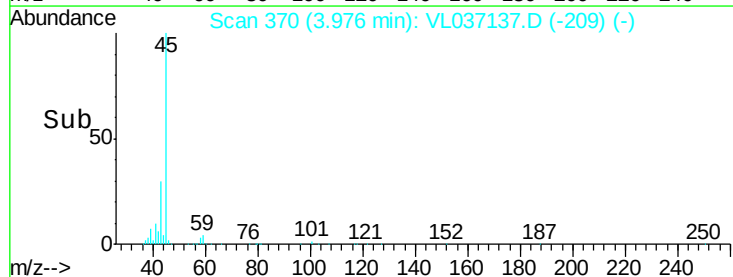
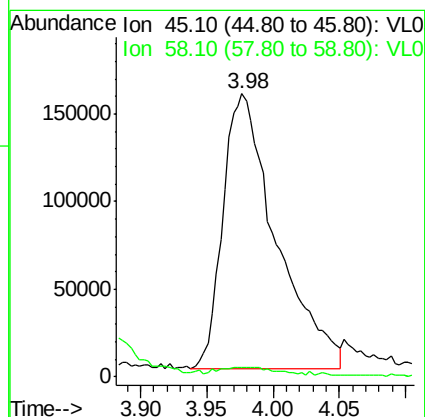
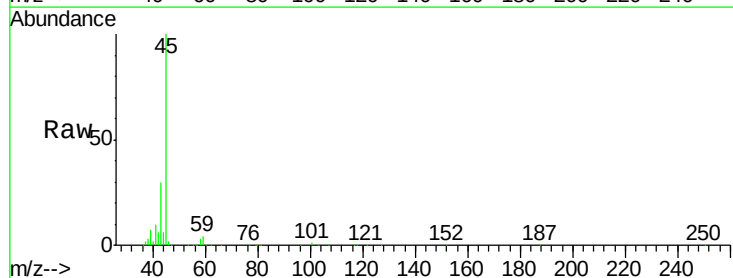
Acq: 8 Jun 2021 18:18

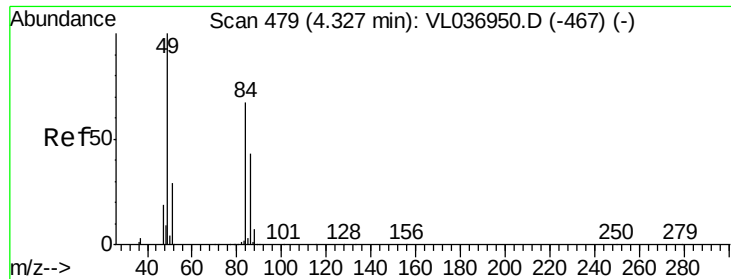
Tgt Ion: 45 Resp: 437941

Ion Ratio Lower Upper

45 100

58 4.9 37.2 55.8#





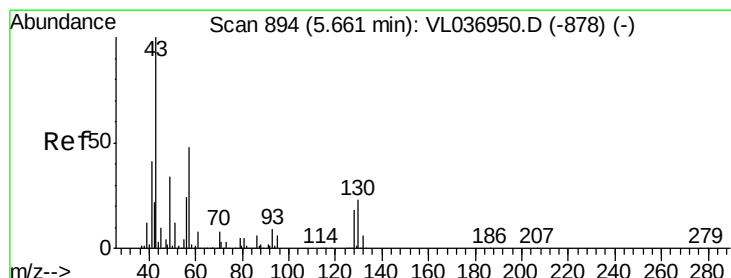
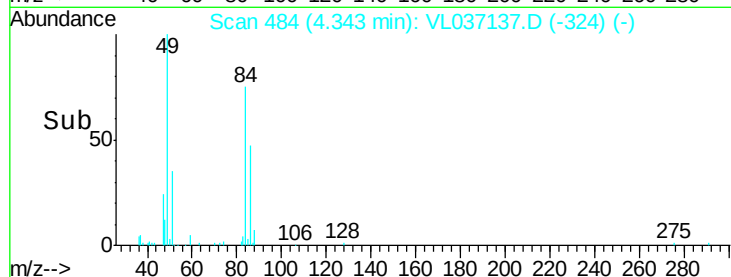
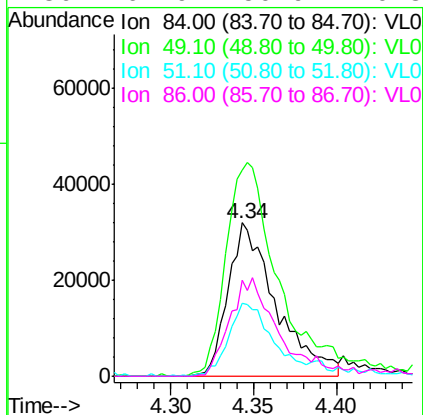
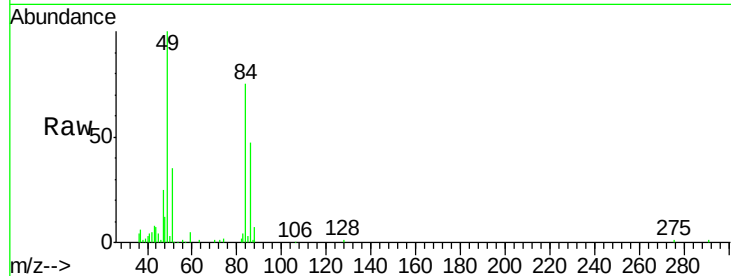
#20
Methylene Chloride
Concen: 0.868 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Instrument :
MSVOA_L
ClientSampleId :
SR-5CDL

Tot Ion:	84	Resp:	64220
Ion	Ratio	Lower	Upper
84	100		
49	133.1	119.8	179.6
51	47.4	35.1	52.7
86	62.9	50.9	76.3

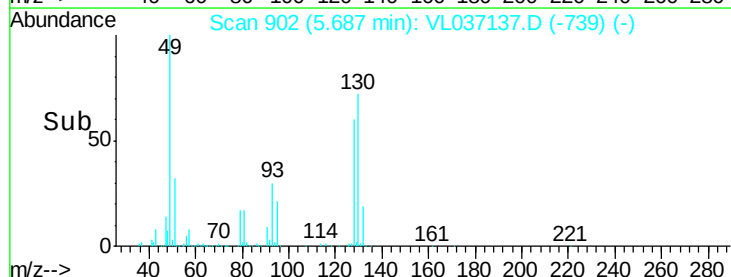
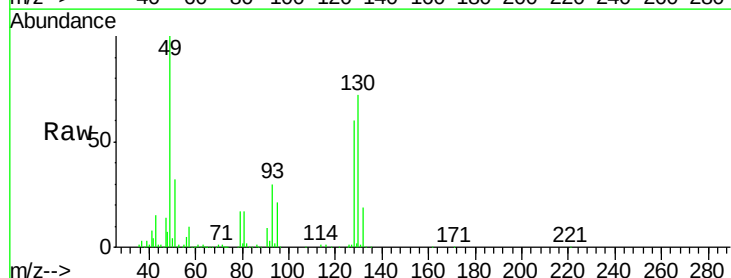
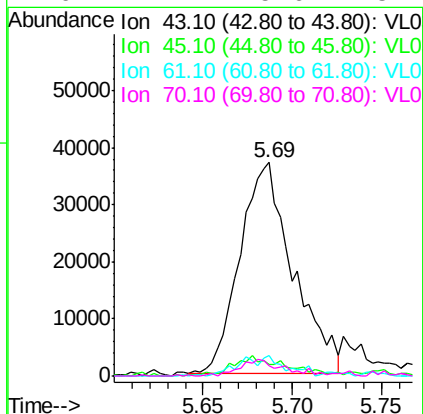
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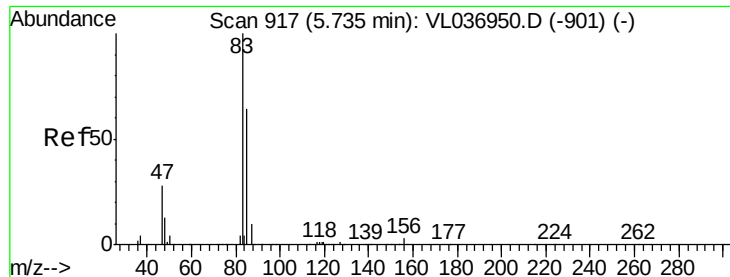
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#25
Ethyl Acetate
Concen: 0.233 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.03 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Tgt Ion:	43	Resp:	77232
Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.8	11.8
61	9.5	7.8	11.8
70	7.2	5.6	8.4





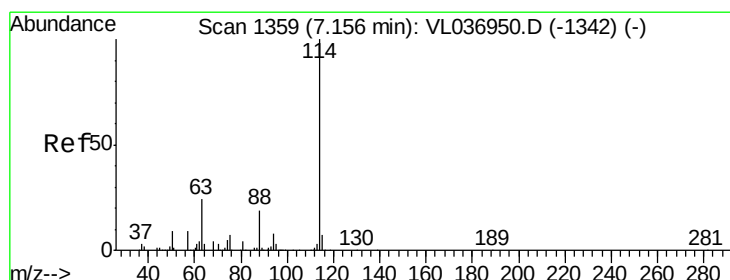
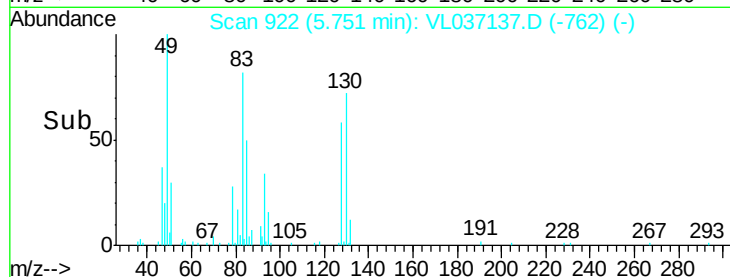
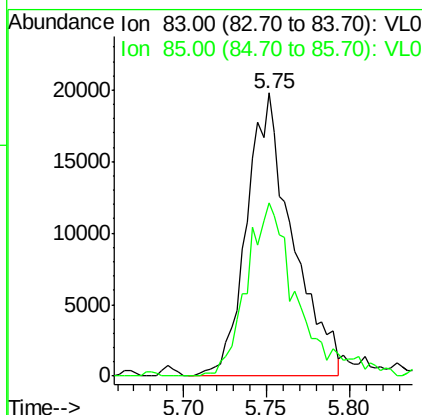
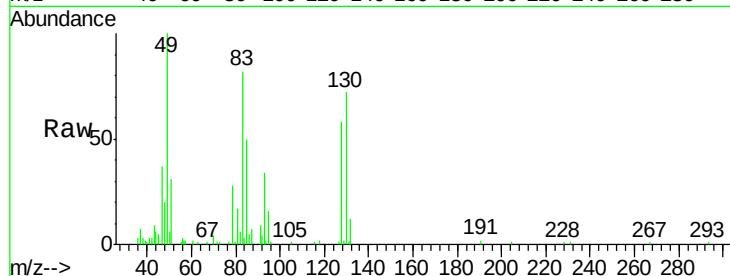
#29
Chloroform
Concen: 0.159 ppbv
RT: 5.75 min Scan# 922
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Instrument :
MSVOA_L
ClientSampleId :
SR-5CDL

Tot Ion	83	Resp	38061
Ion Ratio	100	Lower	Upper
85	61.1	51.1	76.7

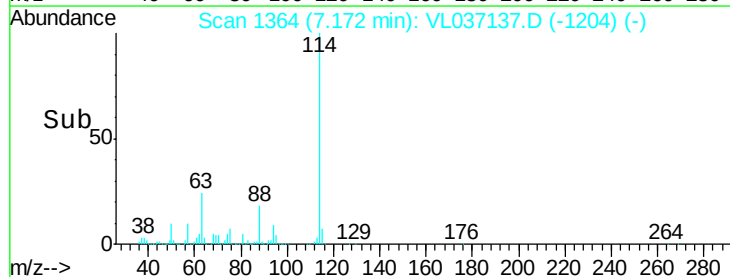
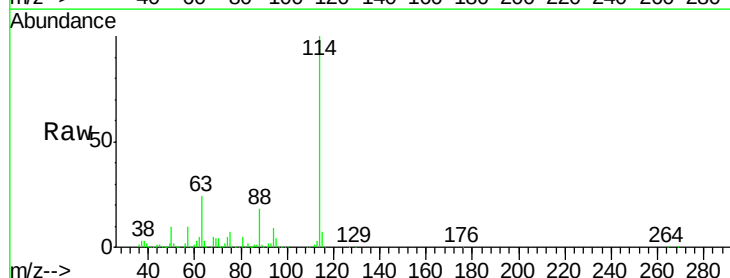
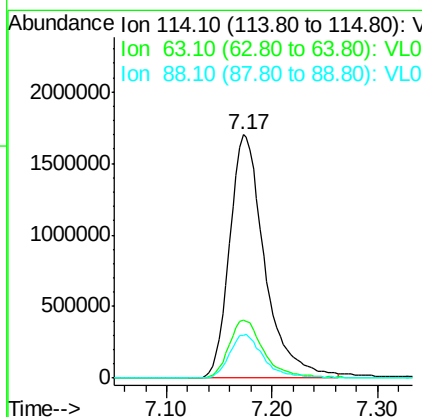
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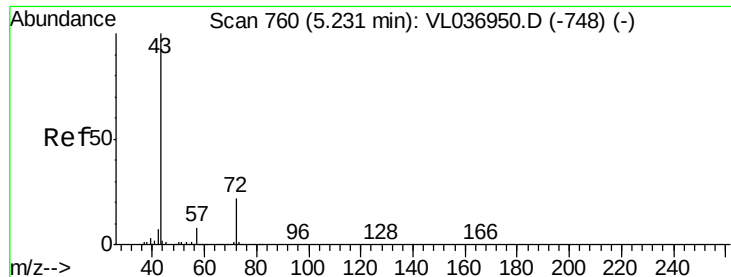
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Tgt Ion	114	Resp	3914124
Ion Ratio	100	Lower	Upper
63	24.5	19.6	29.4
88	17.7	14.6	21.8





#34

2-Butanone

Concen: 0.218 ppbv m

RT: 5.25 min Scan# 766

Delta R.T. 0.02 min

Lab File: VL037137.D

Acq: 8 Jun 2021 18:18

Instrument :

MSVOA_L

ClientSampleId :

SR-5CDL

Tot Ion: 43 Resp: 31072

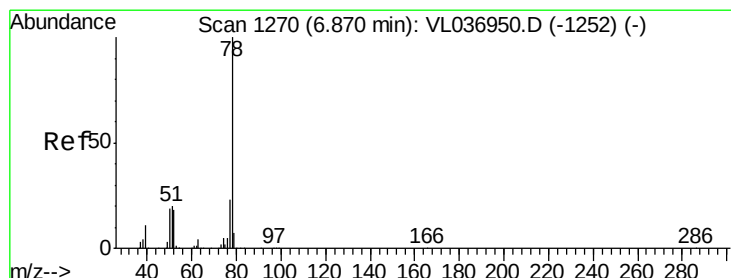
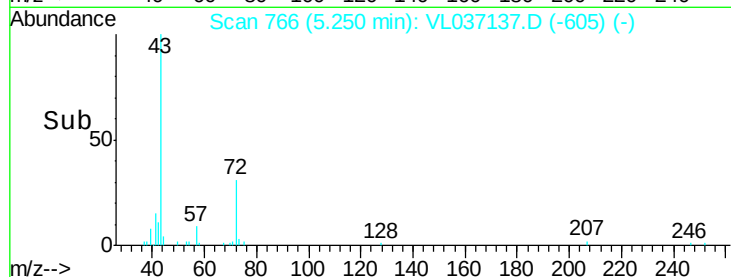
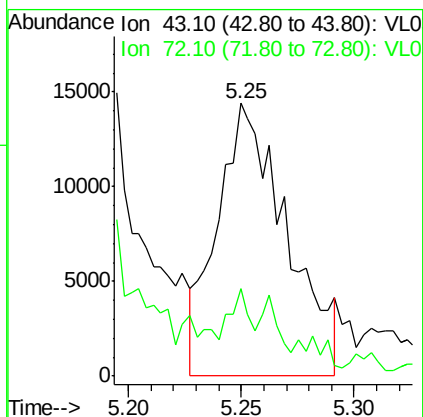
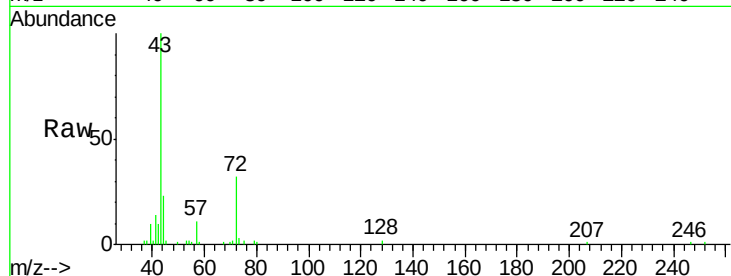
Ion Ratio Lower Upper

43 100

72 27.3 19.0 28.4

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#36

Benzene

Concen: 0.545 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. 0.02 min

Lab File: VL037137.D

Acq: 8 Jun 2021 18:18

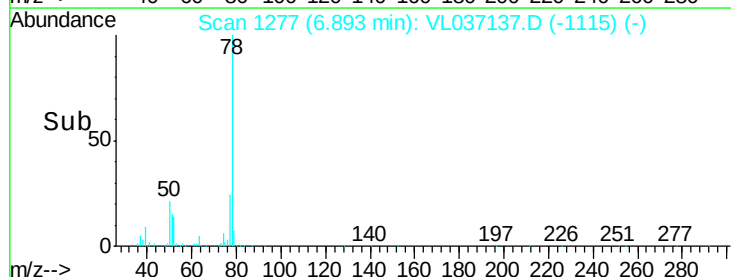
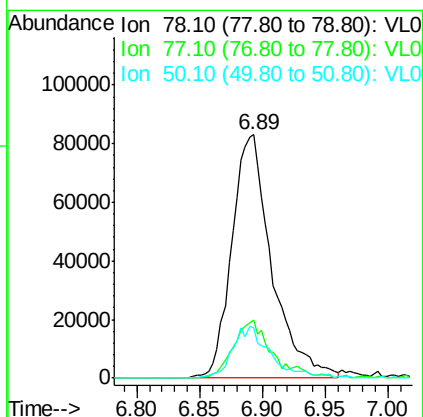
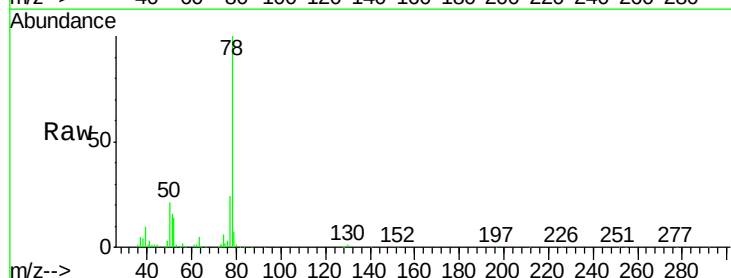
Tgt Ion: 78 Resp: 183776

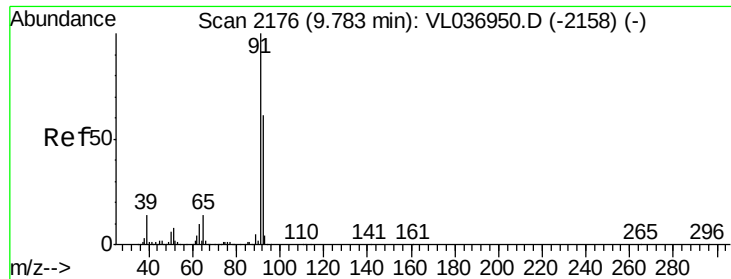
Ion Ratio Lower Upper

78 100

77 24.1 18.6 28.0

50 20.5 15.0 22.4





#53

Toluene

Concen: 0.299 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. 0.02 min

Lab File: VL037137.D

Acq: 8 Jun 2021 18:18

Instrument :

MSVOA_L

ClientSampleId :

SR-5CDL

Tot Ion: 91 Resp: 119774

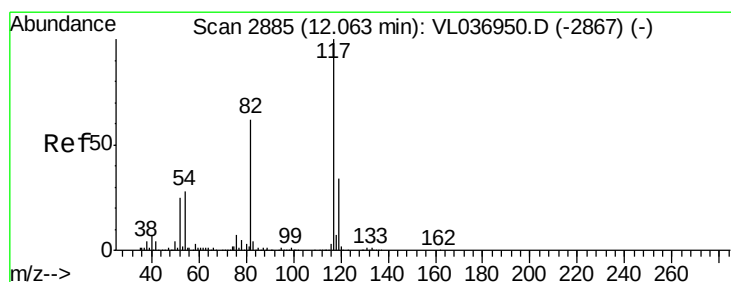
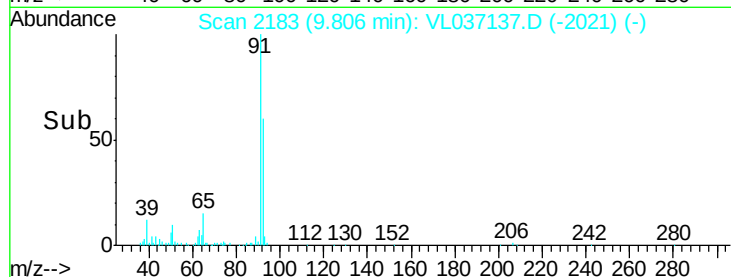
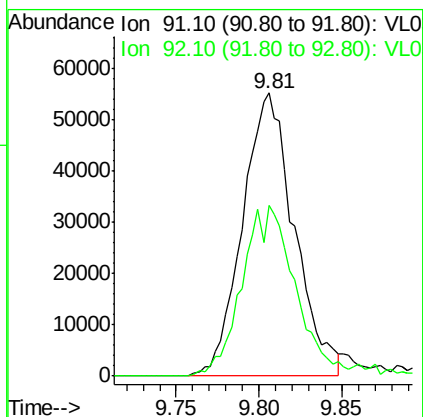
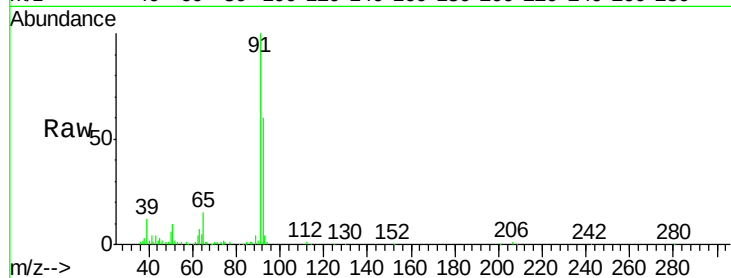
Ion Ratio Lower Upper

91 100

92 64.8 49.5 74.3

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2891

Delta R.T. 0.02 min

Lab File: VL037137.D

Acq: 8 Jun 2021 18:18

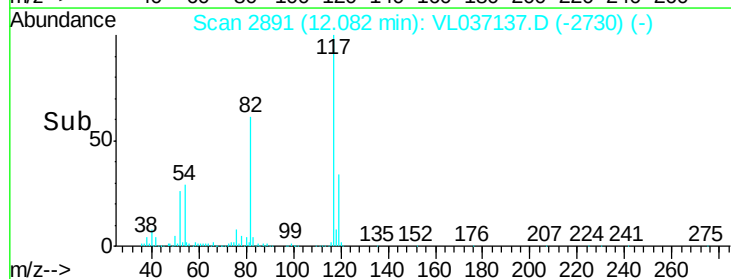
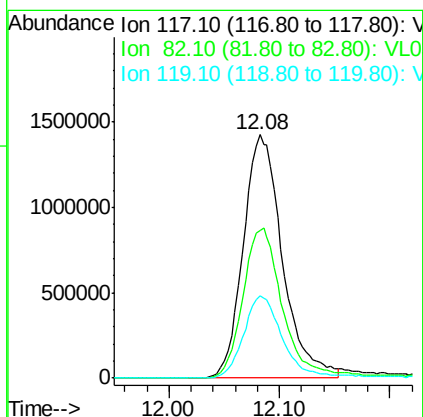
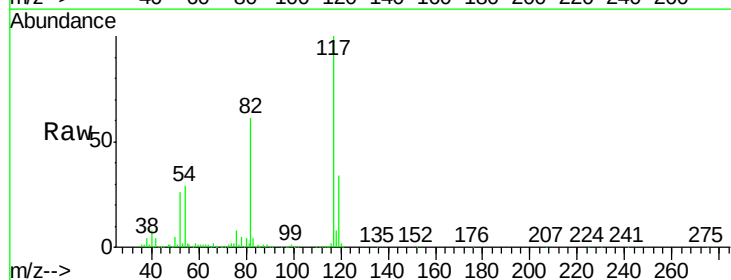
Tgt Ion: 117 Resp: 3506544

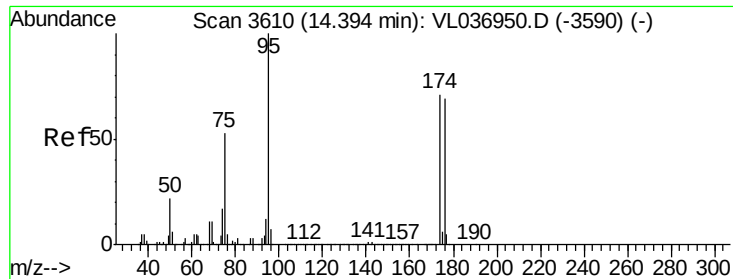
Ion Ratio Lower Upper

117 100

82 65.1 52.6 79.0

119 34.6 46.6 70.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.978 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. 0.02 min

Lab File: VL037137.D

Acq: 8 Jun 2021 18:18

Instrument :

MSVOA_L

ClientSampleId :

SR-5CDL

Tot Ion: 95 Resp: 2628411

Ion Ratio Lower Upper

95 100

174 74.6 58.4 87.6

175 5.2 4.4 6.6

Manual Integrations
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