

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037109.D
 Acq On : 2 Jun 2021 19:52
 Operator : SY/AP
 Sample : M2548-11DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-19ADL

Manual Integrations
 APPROVED

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 6/7/2021 3:01:07 PM

Quant Time: Jun 03 07:11:54 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	5.65	49	1286155	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4066565	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3687324	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2615048	9.44	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	12695	0.150	ppbv	89
13) Ethanol	3.60	45	350483m	31.133	ppbv	
15) Acetone	3.85	43	162431	1.233	ppbv #	66
19) Isopropyl Alcohol	3.98	45	86068m	1.215	ppbv	
20) Methylene Chloride	4.34	84	40143m	0.568	ppbv	
26) Hexane	5.67	57	29613m	0.183	ppbv	

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

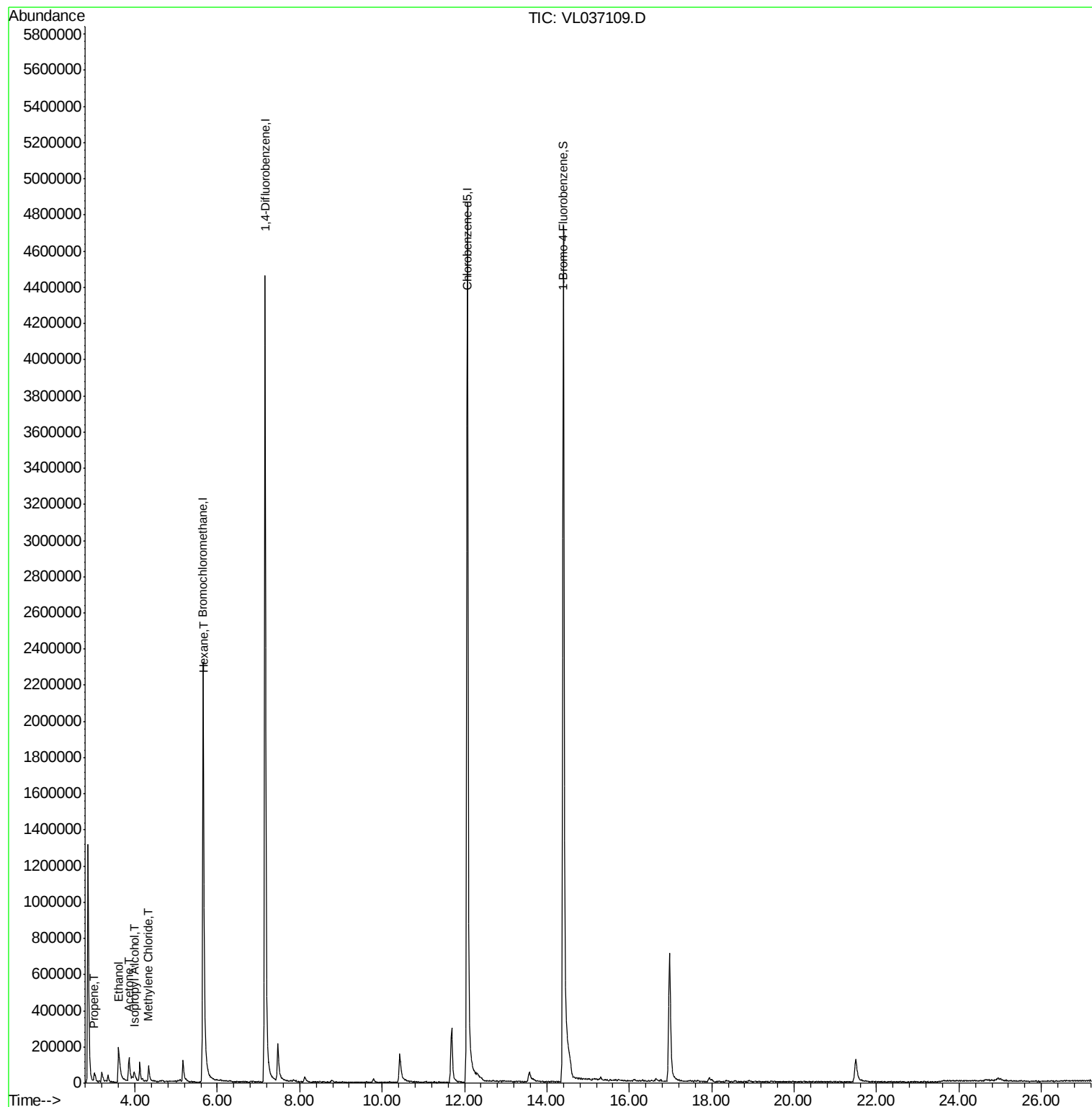
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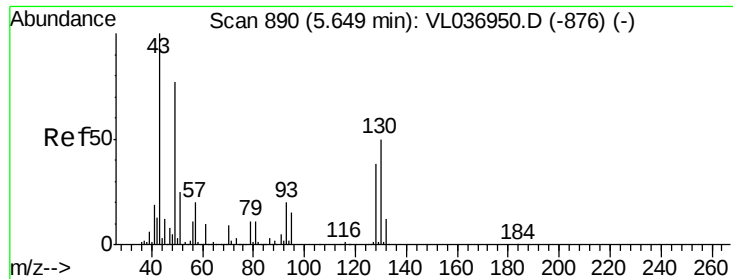
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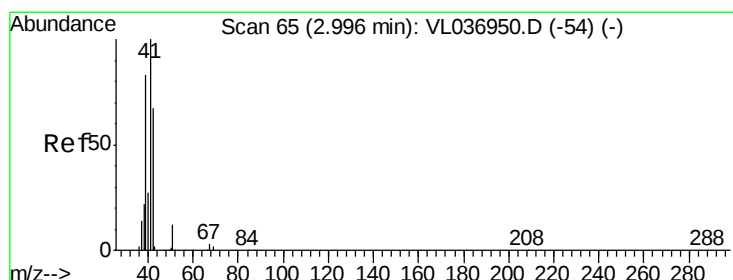
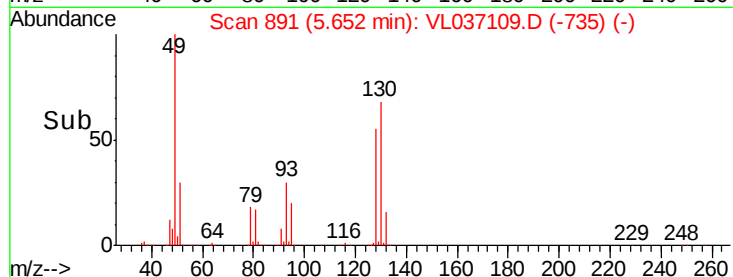
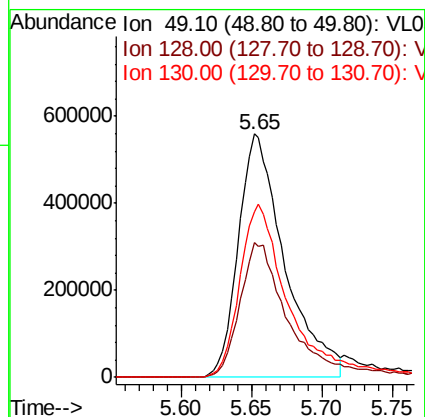
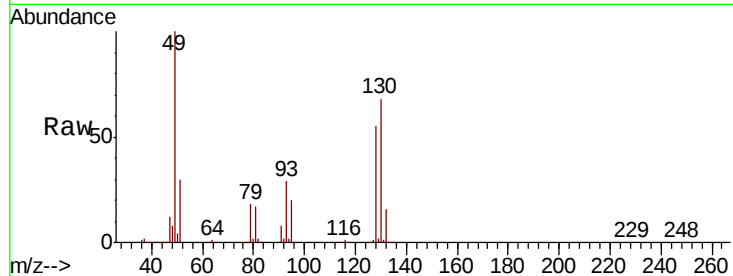
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. 0.00 min
Lab File: VL037109.D
Acq: 2 Jun 2021 19:52

Instrument :
MSVOA_L
ClientSampled :
IA-19ADL

Tot Ion: 49 Resp: 1286155
Ion Ratio Lower Upper
49 100
128 61.0 26.9 80.7
130 78.0 33.8 101.4

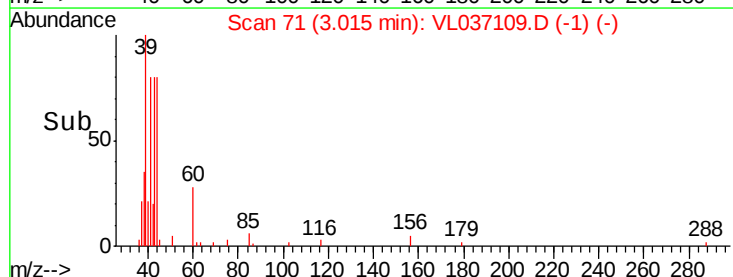
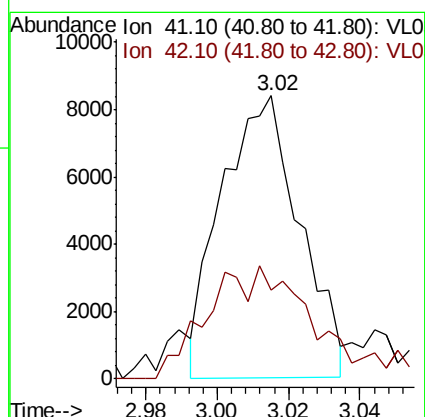
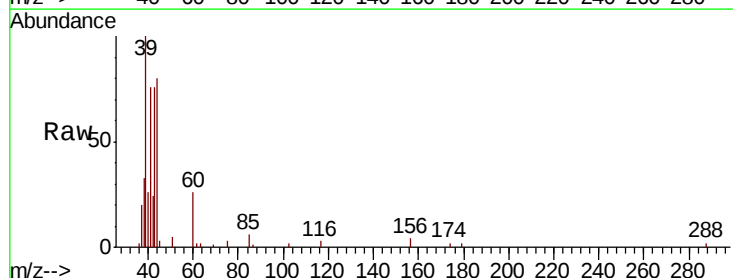
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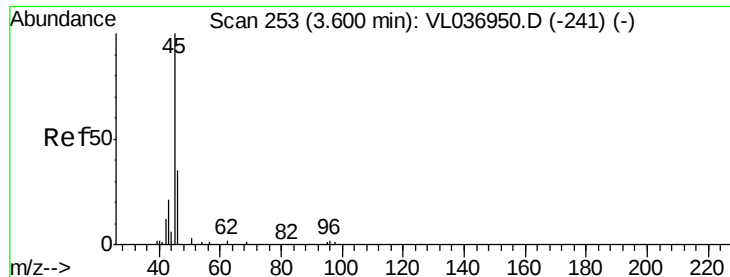
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#9
Propene
Concen: 0.150 ppbv
RT: 3.02 min Scan# 71
Delta R.T. 0.02 min
Lab File: VL037109.D
Acq: 2 Jun 2021 19:52

Tgt Ion: 41 Resp: 12695
Ion Ratio Lower Upper
41 100
42 58.4 53.9 80.9





#13

Ethanol

Concen: 31.133 ppbv m

RT: 3.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: VL037109.D

Acq: 2 Jun 2021 19:52

Instrument :

MSVOA_L

ClientSampled :

IA-19ADL

Tot Ion: 45 Resp: 350483

Ion Ratio Lower Upper

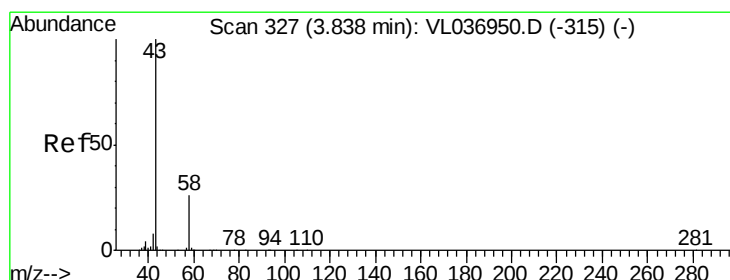
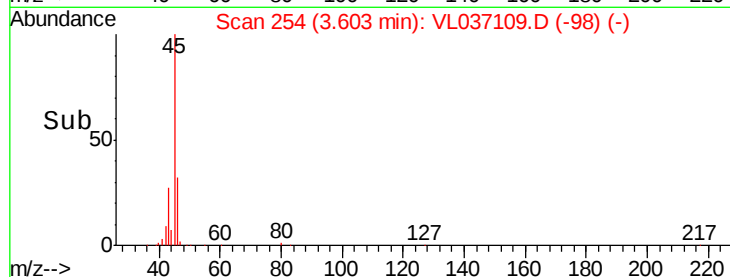
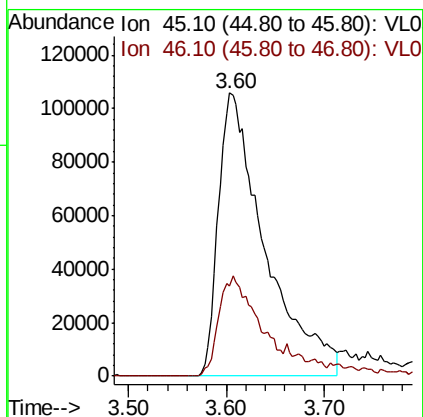
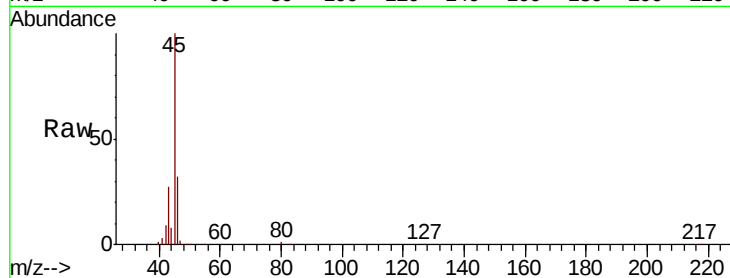
45 100

46 38.4 16.3 65.3

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#15

Acetone

Concen: 1.233 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.01 min

Lab File: VL037109.D

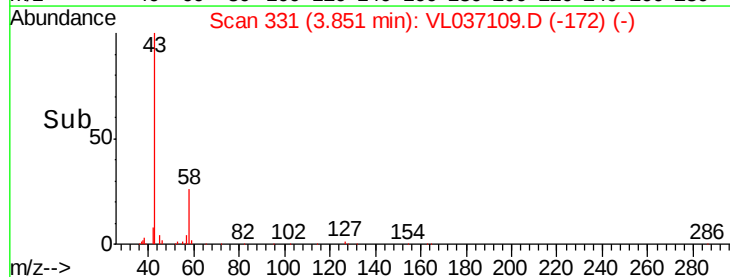
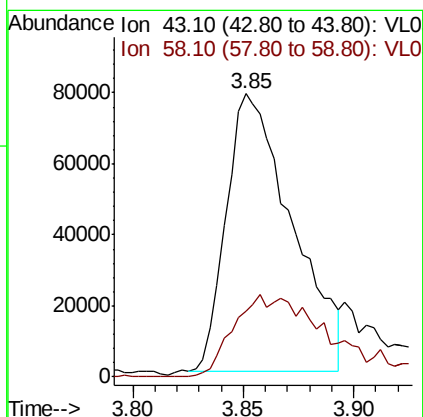
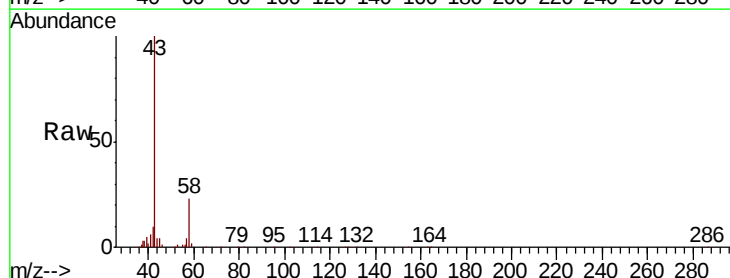
Acq: 2 Jun 2021 19:52

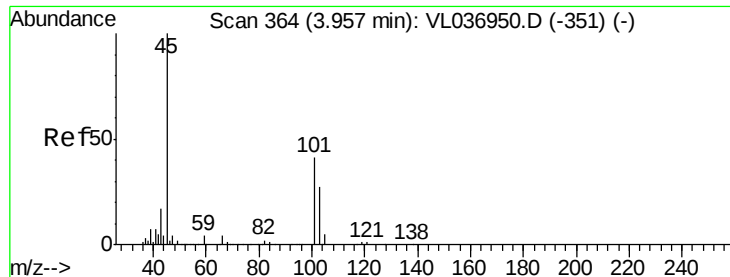
Tgt Ion: 43 Resp: 162431

Ion Ratio Lower Upper

43 100

58 48.4 24.0 36.0#





#19

Isopropyl Alcohol

Concen: 1.215 ppbv m

RT: 3.98 min Scan# 371

Delta R.T. 0.02 min

Lab File: VL037109.D

Acq: 2 Jun 2021 19:52

Instrument :

MSVOA_L

ClientSampled :

IA-19ADL

Tot Ion: 45 Resp: 86068

Ion Ratio Lower Upper

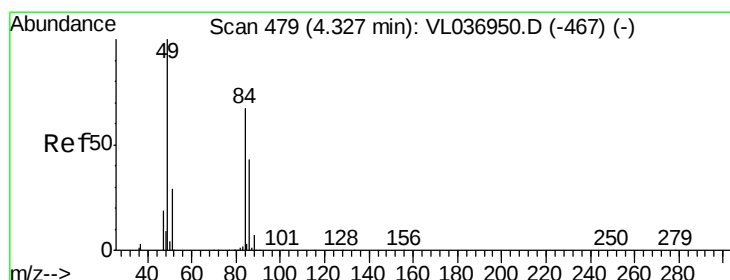
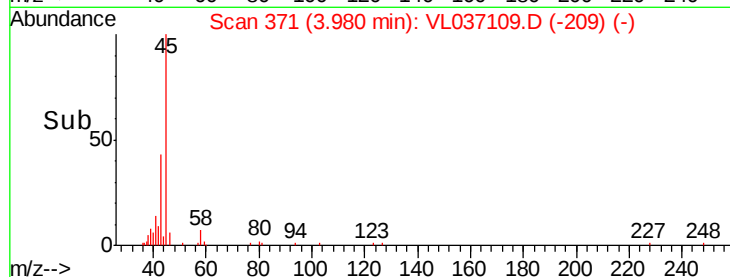
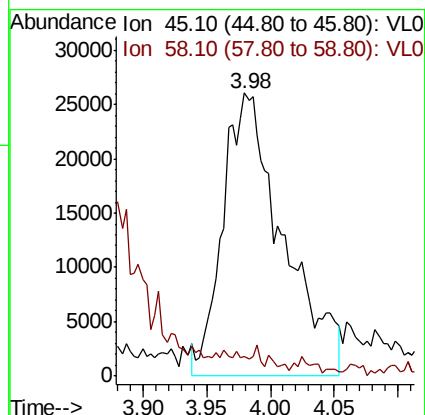
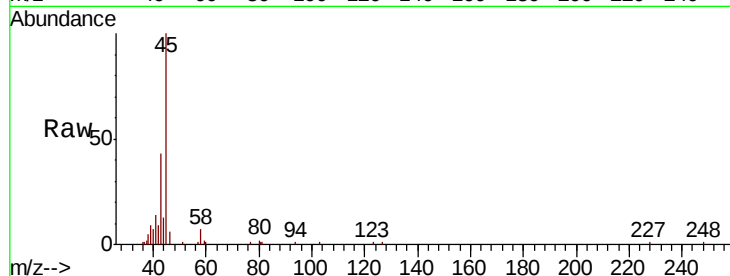
45 100

58 8.1 37.2 55.8#

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#20

Methylene Chloride

Concen: 0.568 ppbv m

RT: 4.34 min Scan# 482

Delta R.T. 0.01 min

Lab File: VL037109.D

Acq: 2 Jun 2021 19:52

Tgt Ion: 84 Resp: 40143

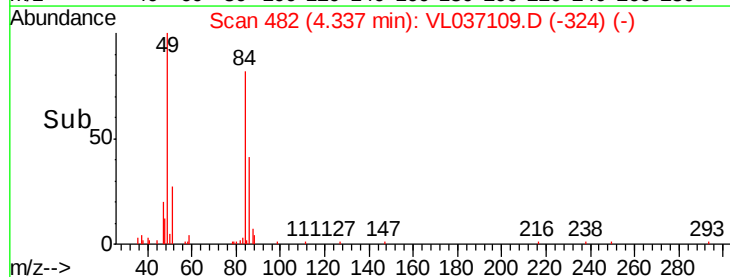
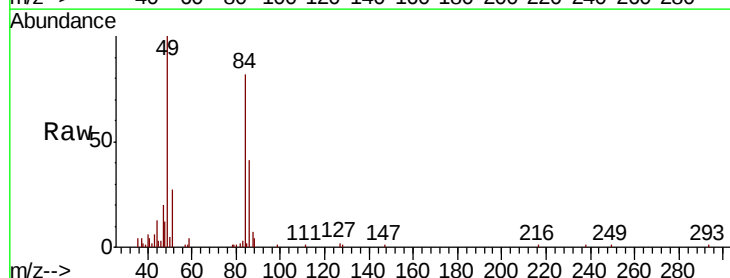
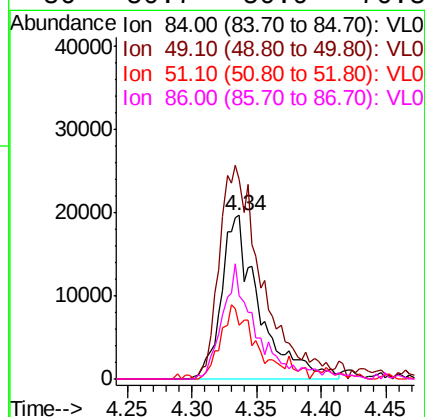
Ion Ratio Lower Upper

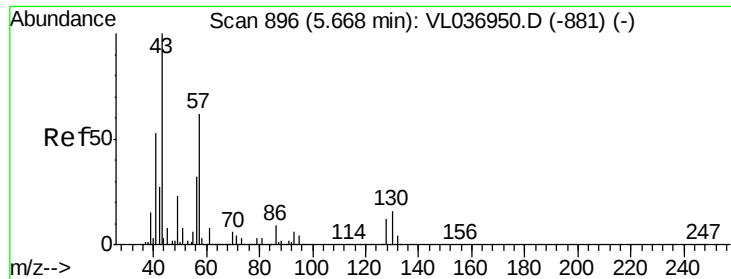
84 100

49 122.3 119.8 179.6

51 32.7 35.1 52.7#

86 50.7 50.9 76.3#





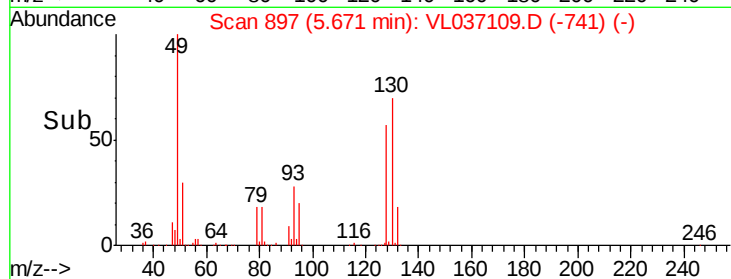
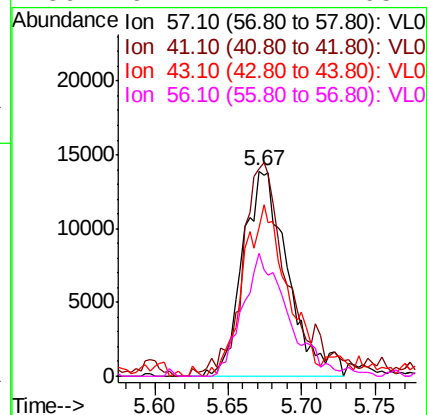
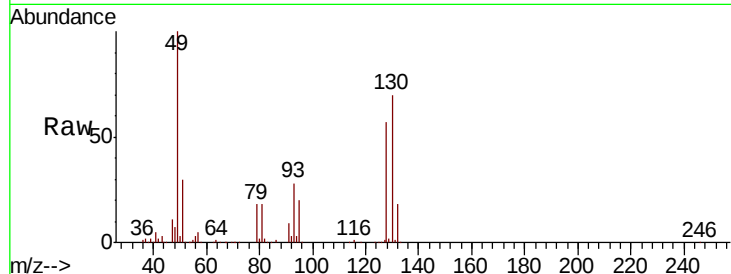
#26
Hexane
Concen: 0.183 ppbv m
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL037109.D
Acq: 2 Jun 2021 19:52

Instrument :
MSVOA_L
ClientSampleId :
IA-19ADL

Tot Ion	Ratio	Lower	Upper
57	100		
41	111.7	70.5	105.7#
43	85.3	165.8	248.8#
56	62.4	42.2	63.4

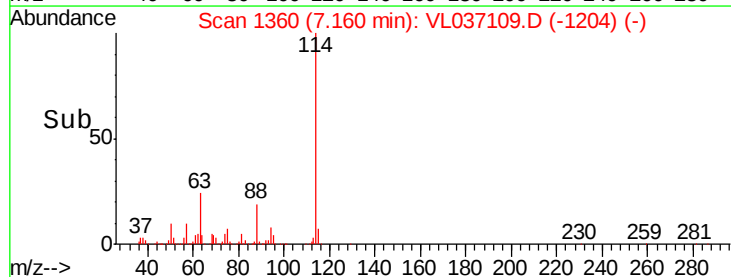
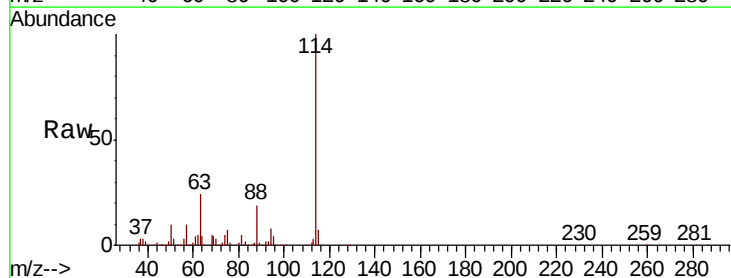
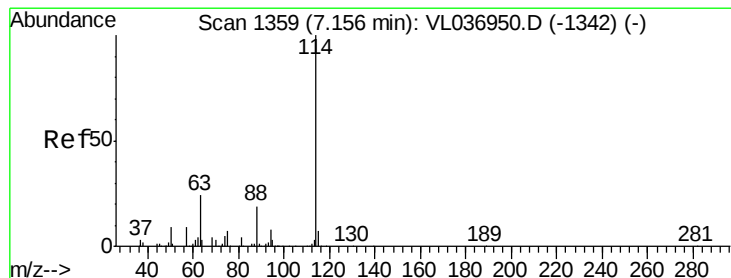
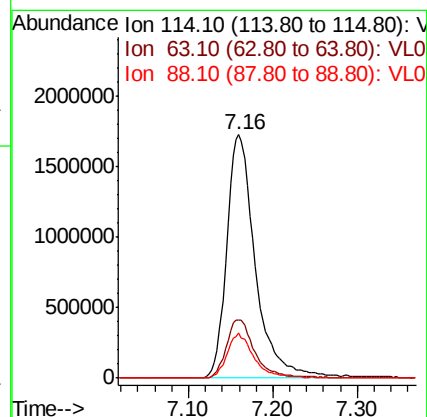
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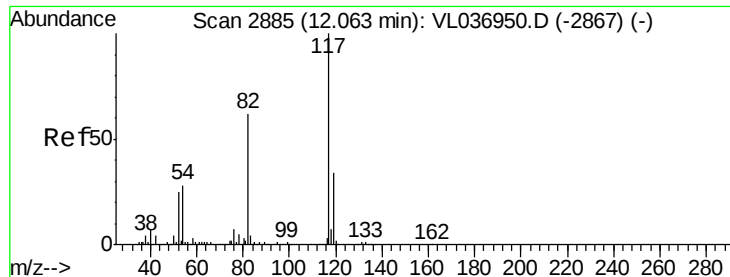
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.00 min
Lab File: VL037109.D
Acq: 2 Jun 2021 19:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.6	29.4
88	17.7	14.6	21.8





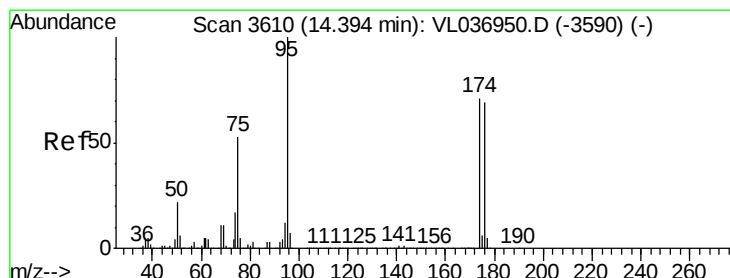
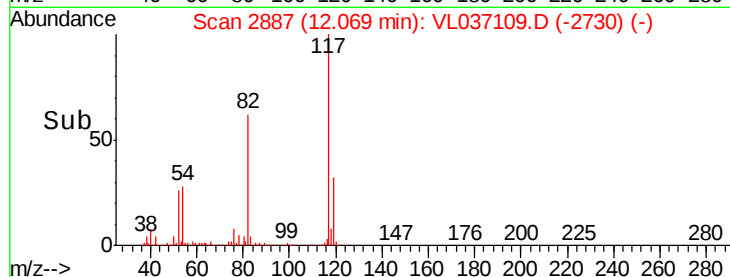
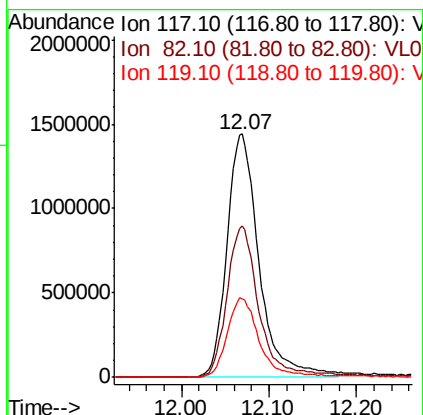
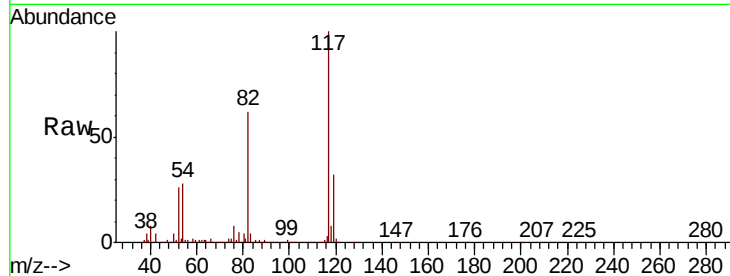
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. 0.01 min
Lab File: VL037109.D
Acq: 2 Jun 2021 19:52

Instrument :
MSVOA_L
ClientSampleId :
IA-19ADL

Tot Ion:117 Resp: 3687324
Ion Ratio Lower Upper
117 100
82 63.9 52.6 79.0
119 33.8 46.6 70.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.441 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. 0.01 min
Lab File: VL037109.D
Acq: 2 Jun 2021 19:52

Tgt Ion: 95 Resp: 2615048
Ion Ratio Lower Upper
95 100
174 77.2 58.4 87.6
175 5.5 4.4 6.6

