

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041221\
 Data File : VL036791.D
 Acq On : 12 Apr 2021 15:56
 Operator : SY/AP
 Sample : M1877-08DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-5(2021)DL

Manual Integrations
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 4/13/2021 10:43:04 AM

Quant Time: Apr 12 19:13:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1463246	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3464803	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2711208	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1699247	7.86	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	78.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	12930m	0.148	ppbv	
13) Ethanol	3.62	45	108918m	10.494	ppbv	
15) Acetone	3.86	43	1381950	9.596	ppbv	99
19) Isopropyl Alcohol	3.99	45	324460m	4.096	ppbv	
20) Methylene Chloride	4.35	84	296865	4.403	ppbv	96
26) Hexane	5.70	57	215763	1.358	ppbv #	68
43) Methyl Methacrylate	8.04	69	48454m	0.452	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	113281m	0.201	ppbv	

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

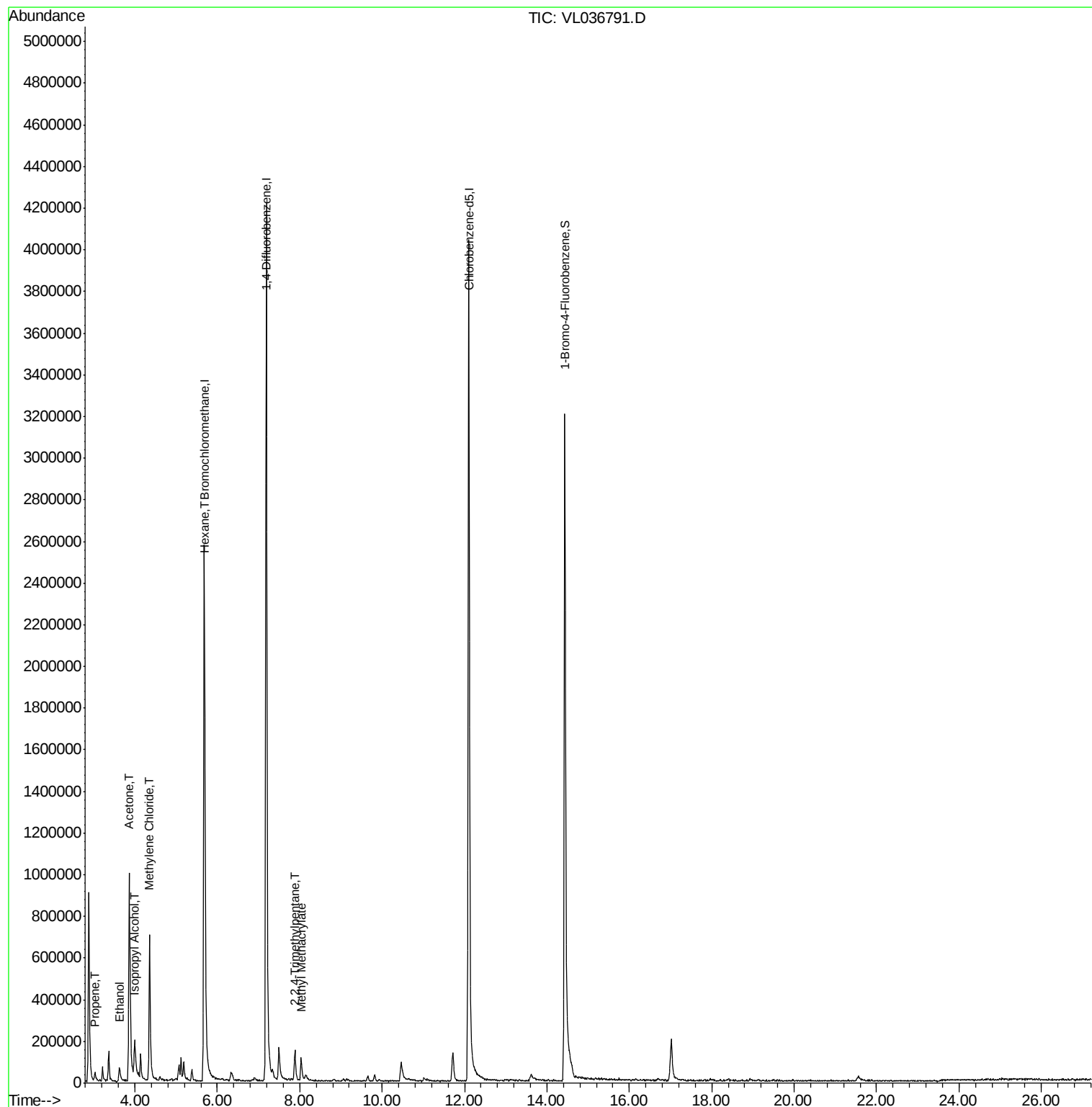
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL041221\
Data File : VL036791.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.01 min

Lab File: VL036791.D

Acq: 12 Apr 2021 15:56

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-5(2021)DL

Tot Ion: 49 Resp: 1463246

Ion Ratio Lower Upper

49 100

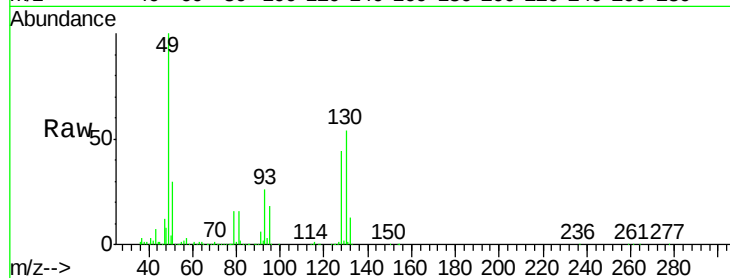
128 45.4 23.5 70.6

130 58.4 29.1 87.4

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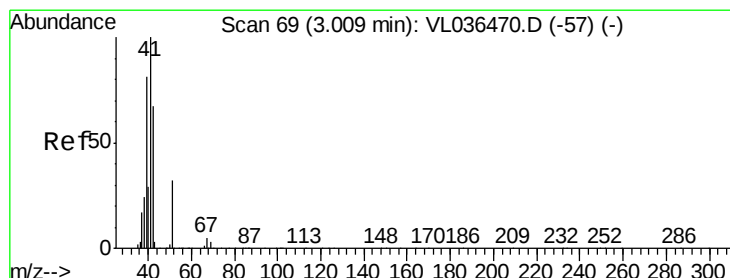
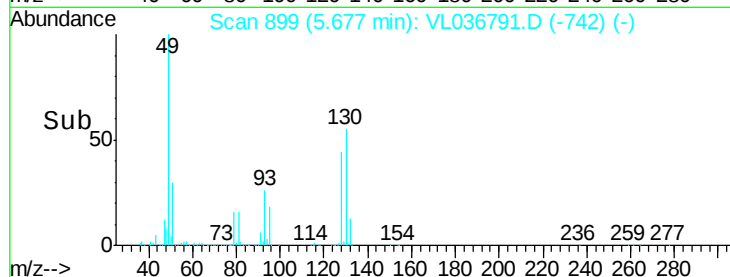
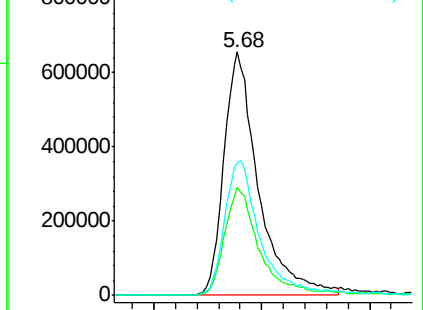
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.148 ppbv m

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL036791.D

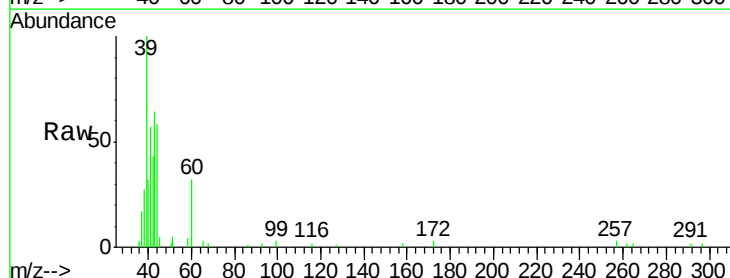
Acq: 12 Apr 2021 15:56

Tgt Ion: 41 Resp: 12930

Ion Ratio Lower Upper

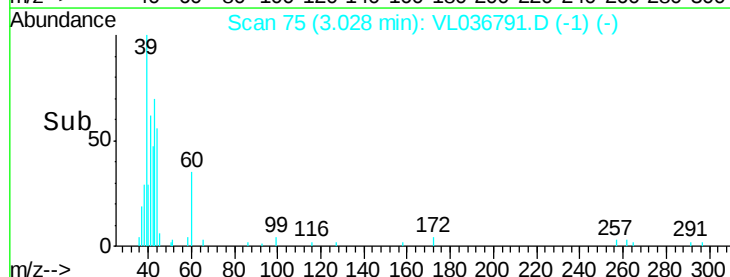
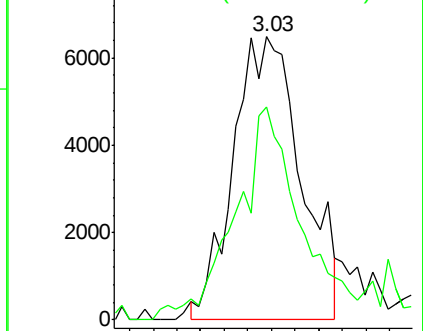
41 100

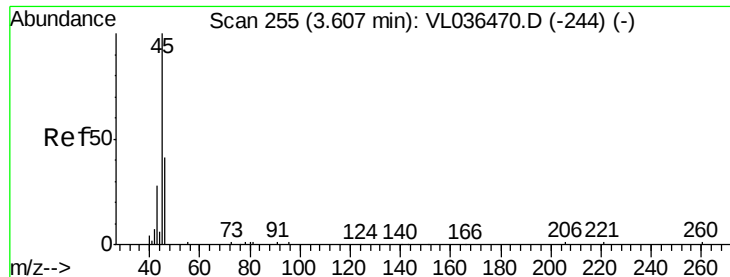
42 0.0 57.0 85.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 10.494 ppbv m

RT: 3.62 min Scan# 260

Delta R.T. 0.02 min

Lab File: VL036791.D

Acq: 12 Apr 2021 15:56

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-5(2021)DL

Tot Ion: 45 Resp: 108918

Ion Ratio Lower Upper

45 100

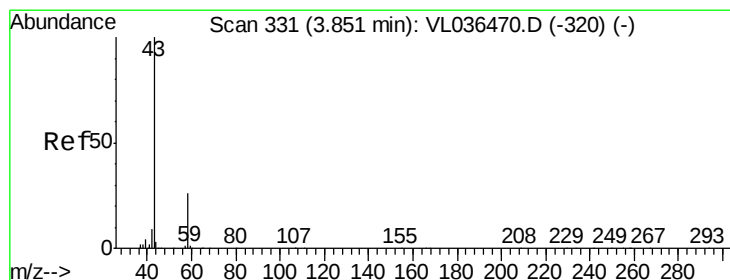
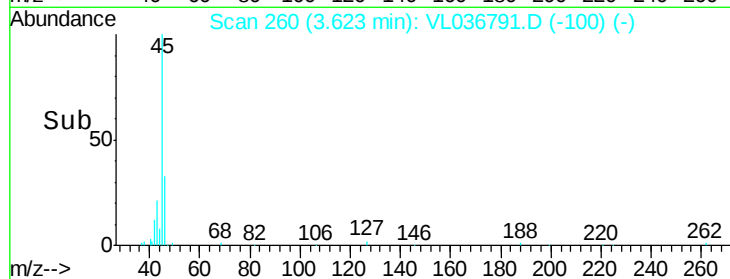
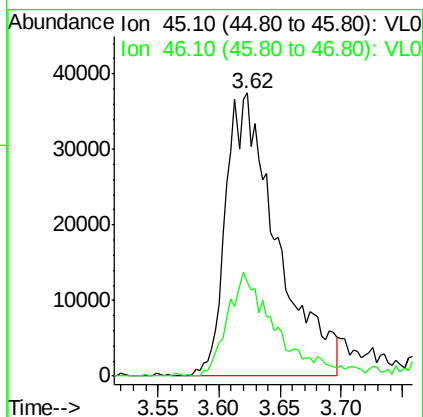
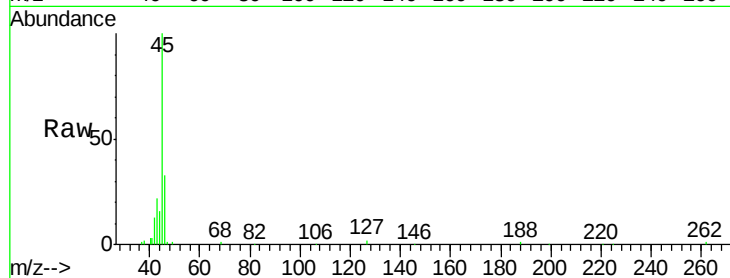
46 0.0 16.6 66.2#

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#15

Acetone

Concen: 9.596 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL036791.D

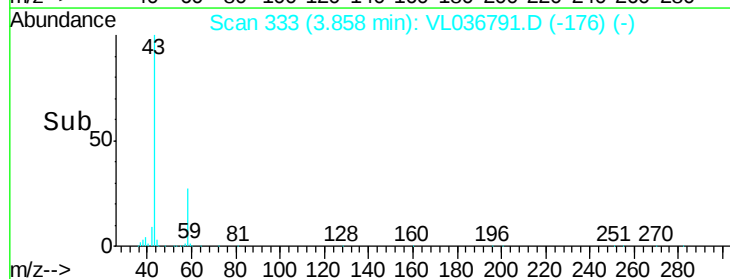
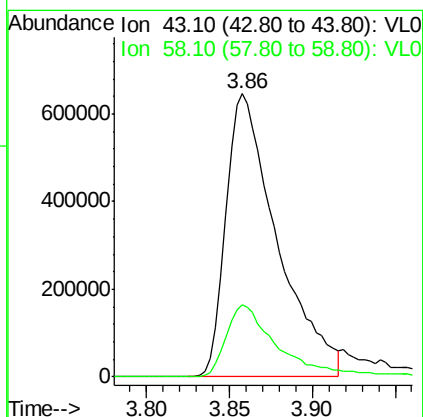
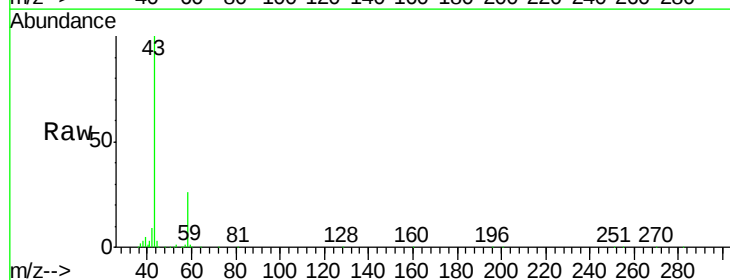
Acq: 12 Apr 2021 15:56

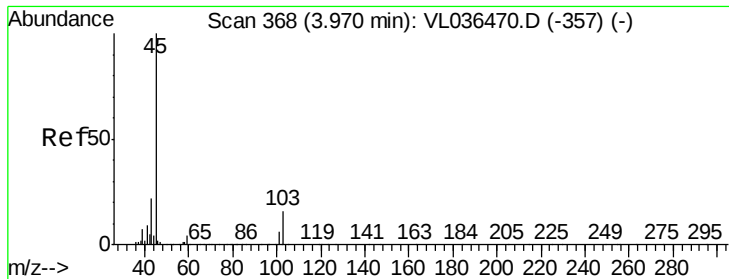
Tgt Ion: 43 Resp: 1381950

Ion Ratio Lower Upper

43 100

58 26.1 21.2 31.8





#19

Isopropyl Alcohol

Concen: 4.096 ppbv

RT: 3.99 min Scan# 373

Delta R.T. 0.02 min

Lab File: VL036791.D

Acq: 12 Apr 2021 15:56

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-5(2021)DL

Tot Ion: 45 Resp: 324460

Ion Ratio Lower Upper

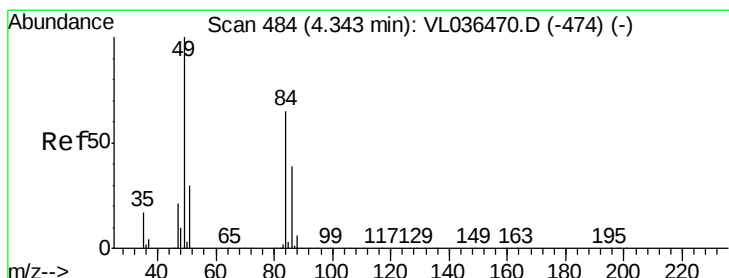
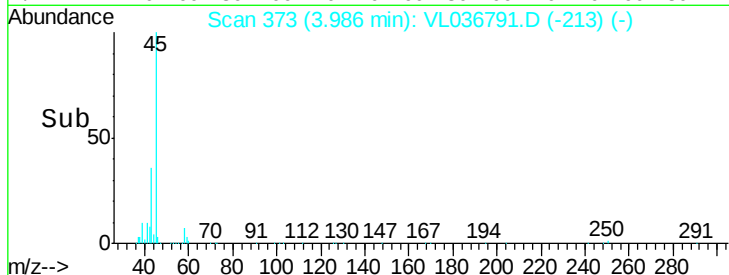
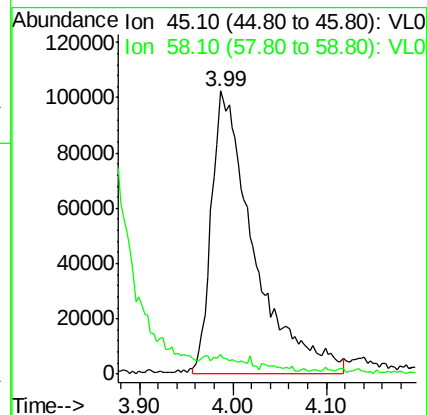
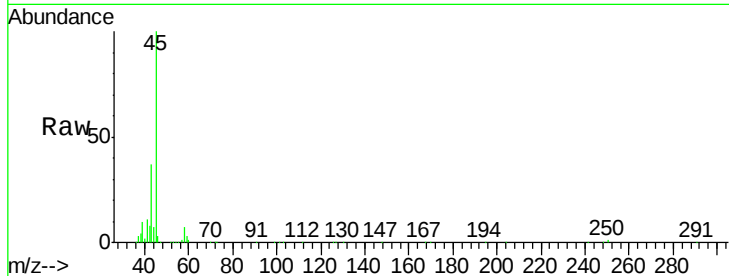
45 100

58 5.4 2.9 4.3#

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#20

Methylene Chloride

Concen: 4.403 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL036791.D

Acq: 12 Apr 2021 15:56

Tgt Ion: 84 Resp: 296865

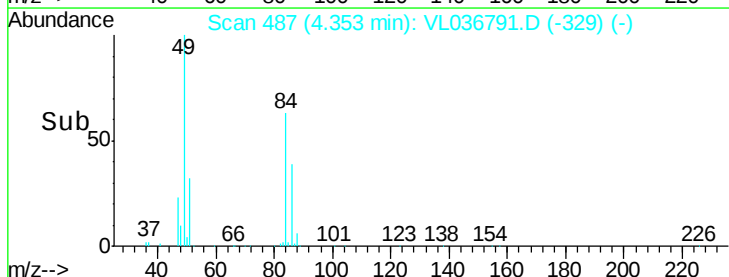
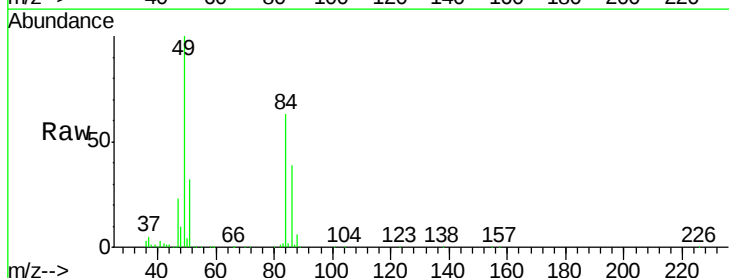
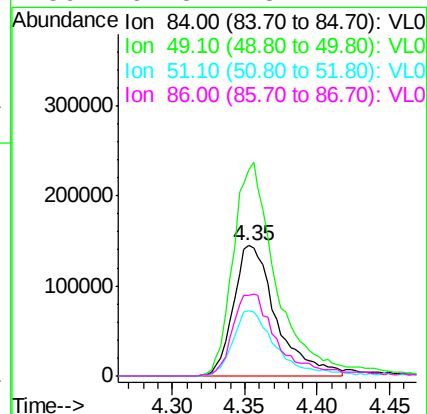
Ion Ratio Lower Upper

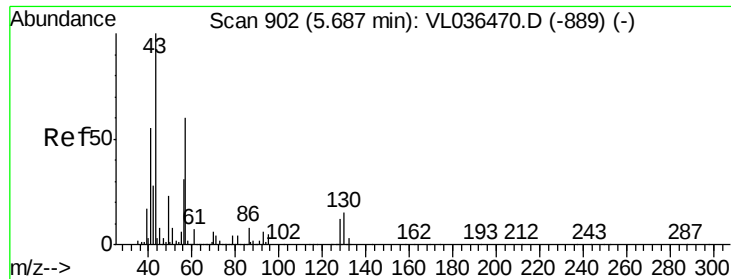
84 100

49 158.6 122.9 184.3

51 50.3 36.9 55.3

86 61.8 48.2 72.4





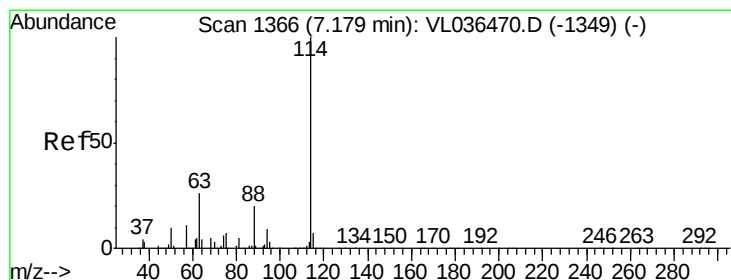
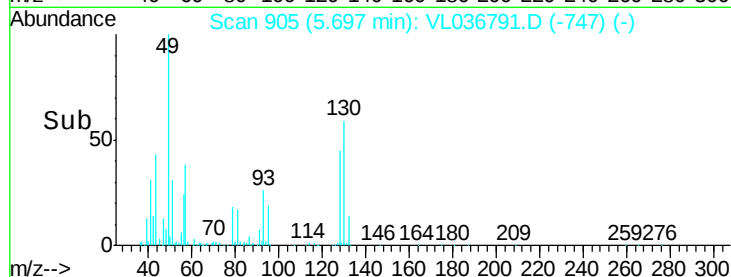
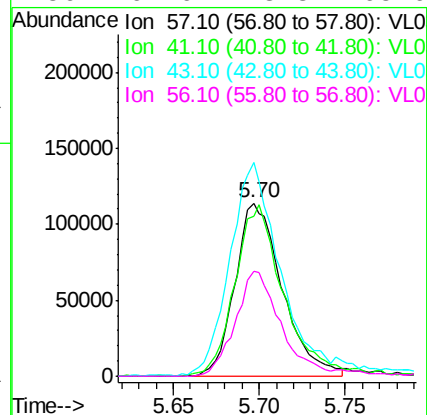
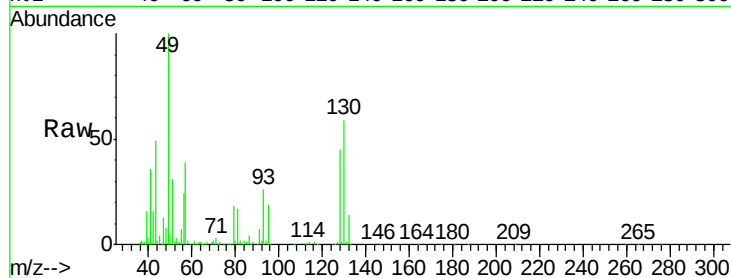
#26
Hexane
Concen: 1.358 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL036791.D
Acq: 12 Apr 2021 15:56

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-5(2021)DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	105.1	77.2	115.8
43	139.5	173.8	260.6#
56	61.6	43.8	65.6

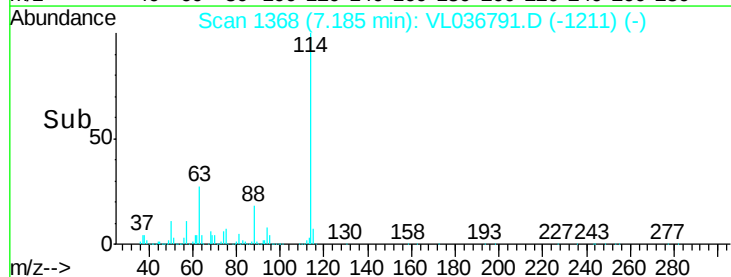
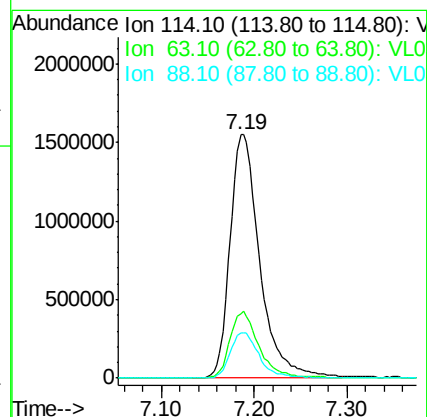
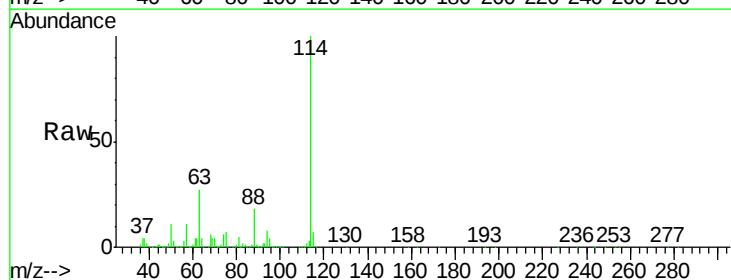
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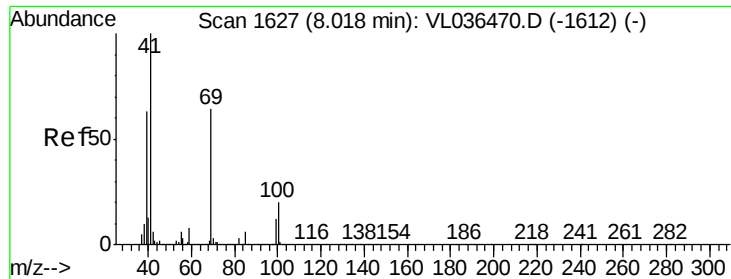
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VL036791.D
Acq: 12 Apr 2021 15:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.4	33.6
88	18.5	15.4	23.0





#43

Methvl Methacrylate

Concen: 0.452 ppbv m

RT: 8.04 min Scan# 1633

Delta R.T. 0.02 min

Lab File: VL036791.D

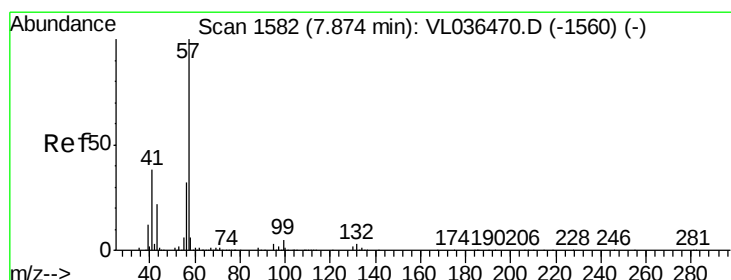
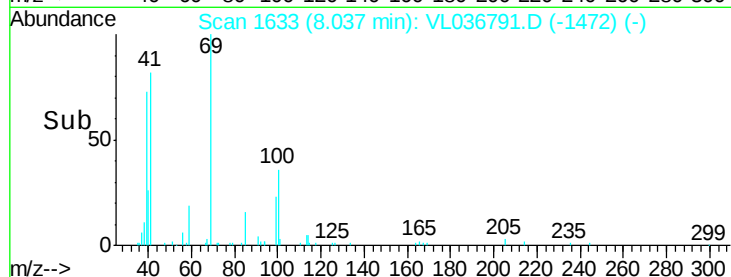
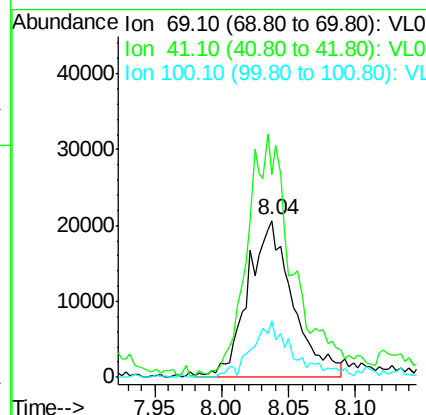
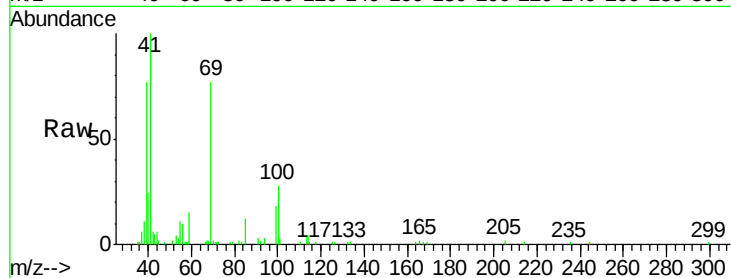
Acq: 12 Apr 2021 15:56

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-5(2021)DL

Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	0.0	126.8	190.2#	
100	0.0	24.9	37.3#	

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#44

2,2,4-Trimethylpentane

Concen: 0.201 ppbv m

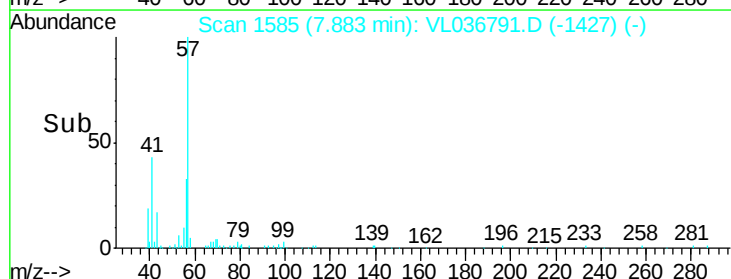
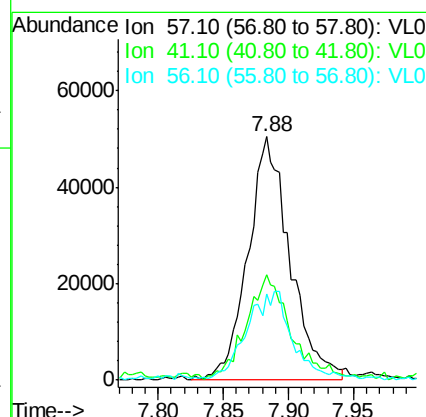
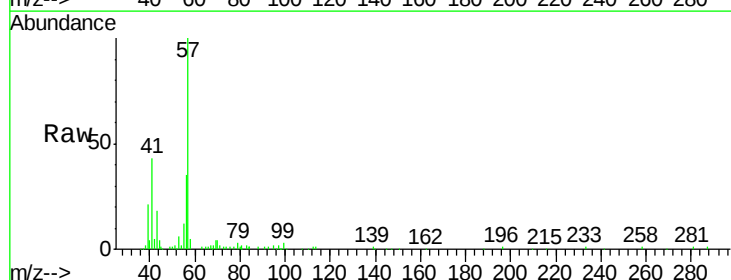
RT: 7.88 min Scan# 1585

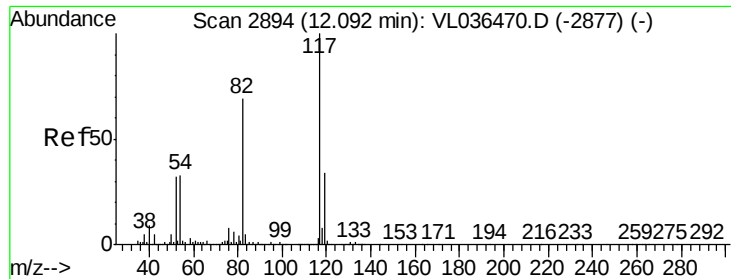
Delta R.T. 0.01 min

Lab File: VL036791.D

Acq: 12 Apr 2021 15:56

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	46.0	28.8	43.2#	
56	39.4	26.1	39.1#	





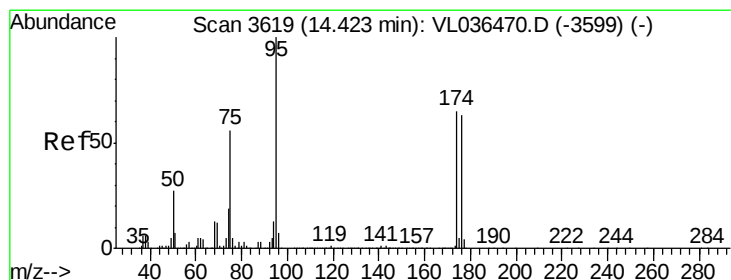
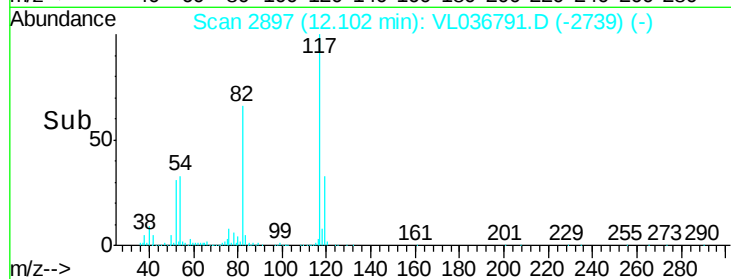
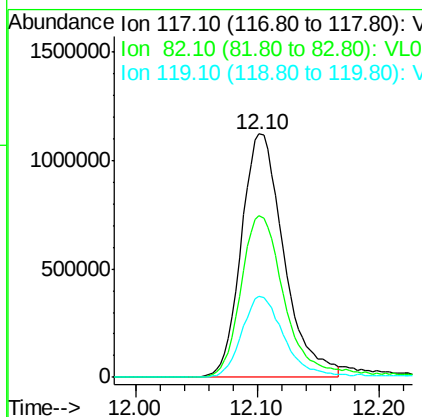
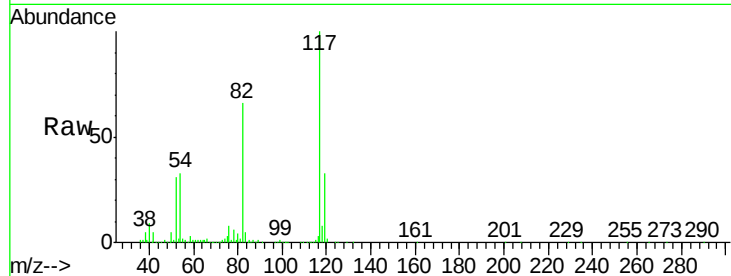
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL036791.D
Acq: 12 Apr 2021 15:56

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-5(2021)DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.9	57.4	86.0
119	33.9	47.4	71.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 7.864 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. 0.02 min
Lab File: VL036791.D
Acq: 12 Apr 2021 15:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.1	51.0	76.6
175	5.0	3.9	5.9

