

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036660.D
 Acq On : 3 Apr 2021 00:51
 Operator : SY/AP
 Sample : M1853-03DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SOFF-SG-03DL

Manual Integrations
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Quant Time: Apr 03 07:22:45 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	5.65	49	1289874	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3301292	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2974330	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2299603	9.70	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	144164m	15.757	ppbv	
15) Acetone	3.85	43	63865m	0.503	ppbv	
19) Isopropyl Alcohol	3.99	45	171342m	2.453	ppbv	
20) Methylene Chloride	4.32	84	20448m	0.344	ppbv	
26) Hexane	5.66	57	14988	0.107	ppbv #	45

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

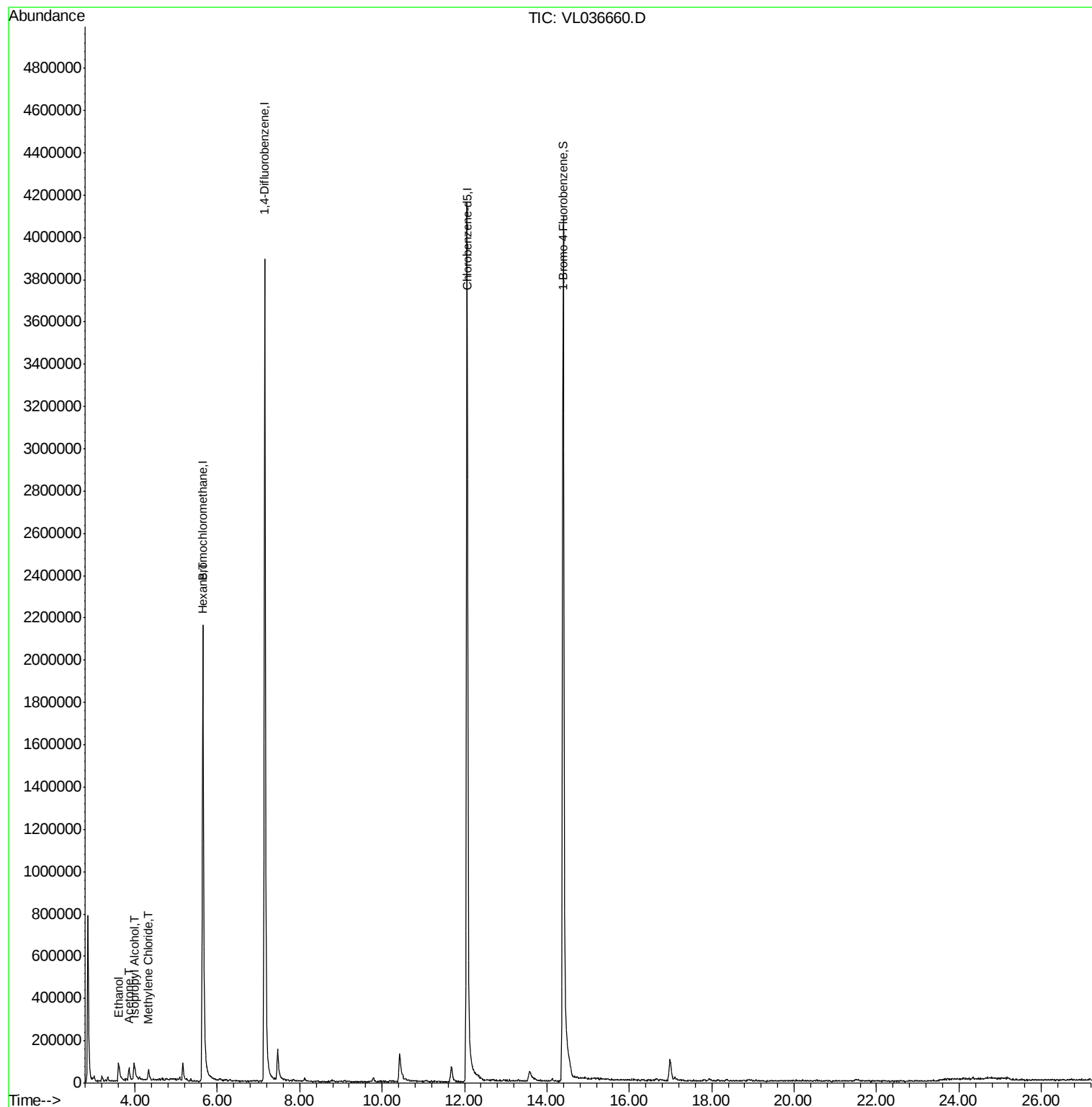
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
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Quant Time: Apr 03 07:22:45 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.03 min

Lab File: VL036660.D

Acq: 3 Apr 2021 00:51

Instrument :

MSVOA_L

ClientSampleId :

SOFF-SG-03DL

Tot Ion: 49 Resp: 1289874

Ion Ratio Lower Upper

49 100

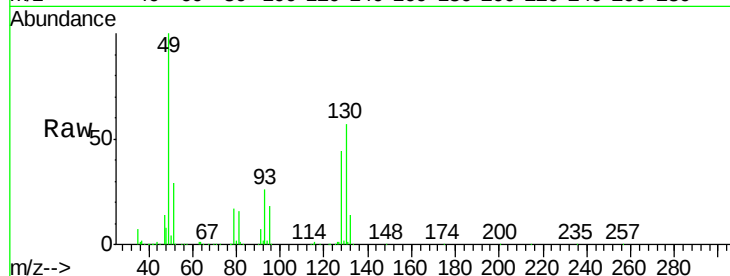
128 48.6 23.5 70.6

130 62.8 29.1 87.4

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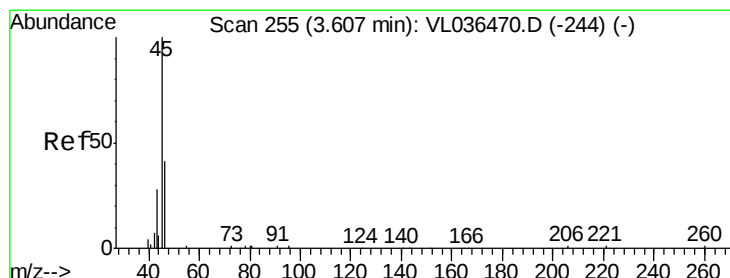
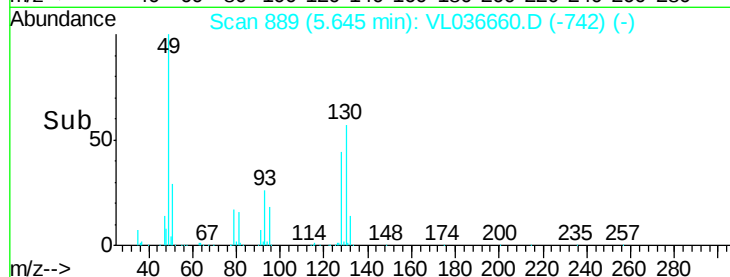
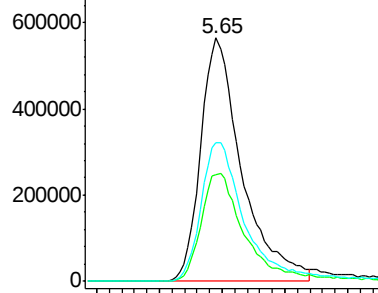
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#13

Ethanol

Concen: 15.757 ppbv m

RT: 3.60 min Scan# 254

Delta R.T. -0.00 min

Lab File: VL036660.D

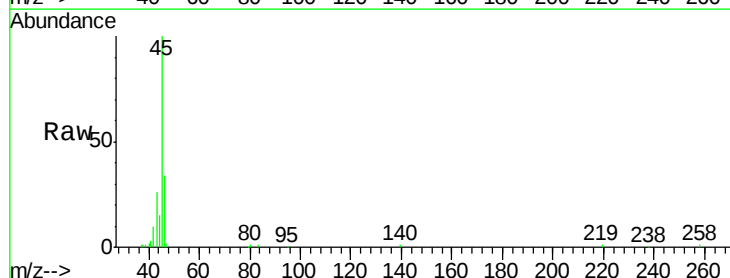
Acq: 3 Apr 2021 00:51

Tgt Ion: 45 Resp: 144164

Ion Ratio Lower Upper

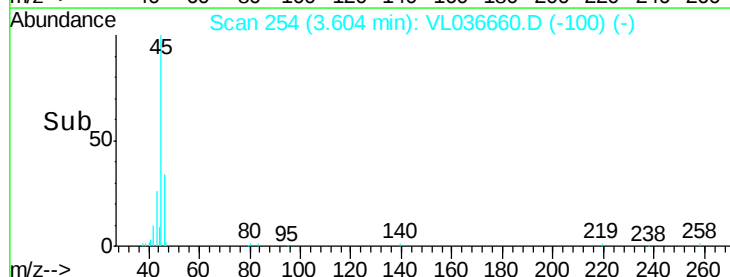
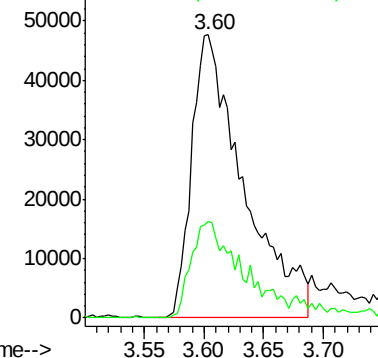
45 100

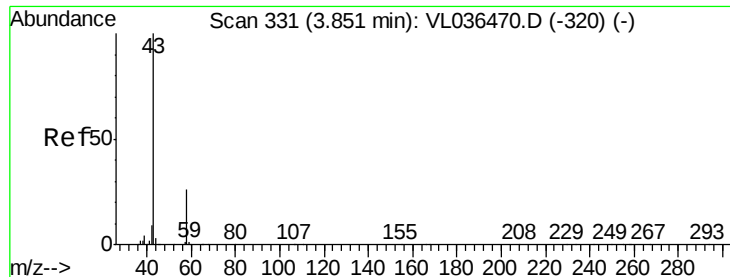
46 32.7 16.6 66.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.503 ppbv m

RT: 3.85 min Scan# 331

Delta R.T. -0.00 min

Lab File: VL036660.D

Acq: 3 Apr 2021 00:51

Instrument :

MSVOA_L

ClientSampleId :

SOFF-SG-03DL

Tot Ion: 43 Resp: 63865

Ion Ratio Lower Upper

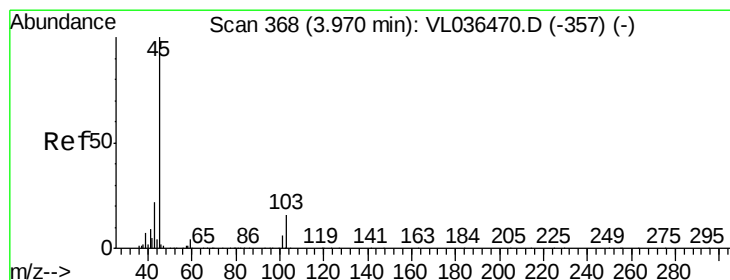
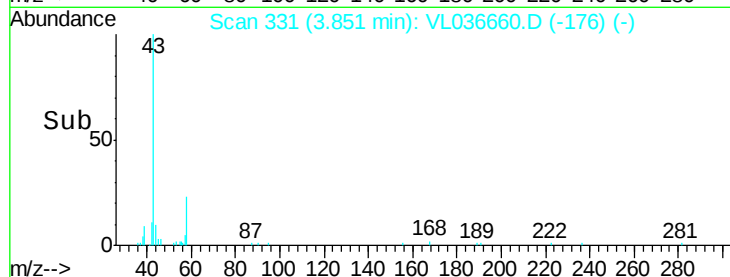
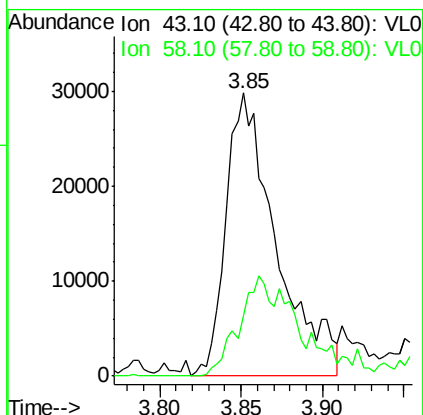
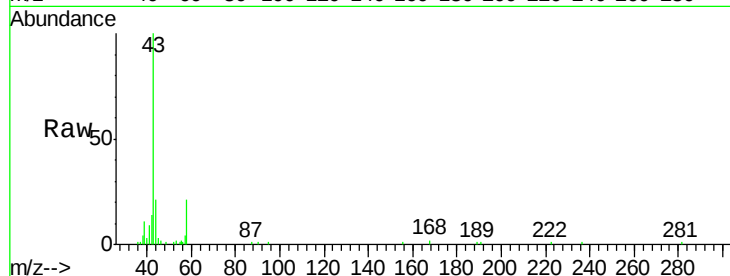
43 100

58 44.3 21.2 31.8#

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#19

Isopropyl Alcohol

Concen: 2.453 ppbv m

RT: 3.99 min Scan# 373

Delta R.T. 0.02 min

Lab File: VL036660.D

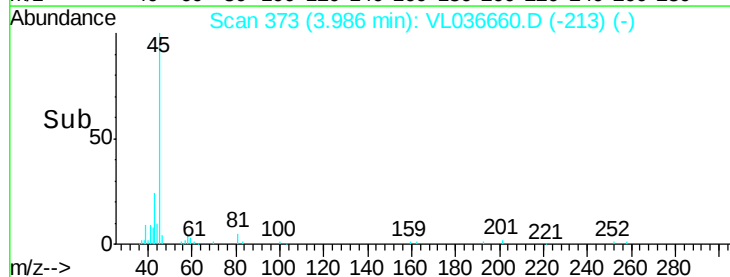
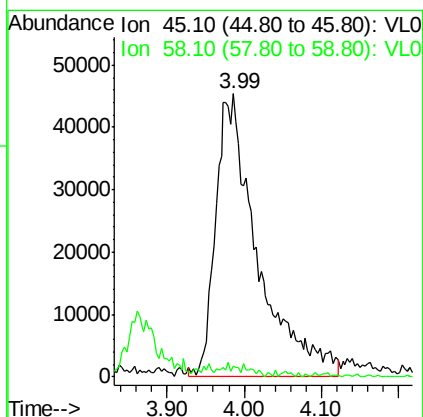
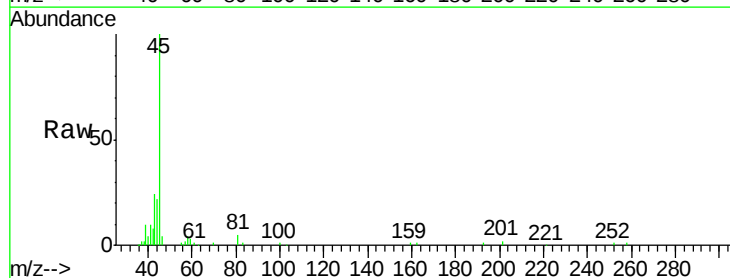
Acq: 3 Apr 2021 00:51

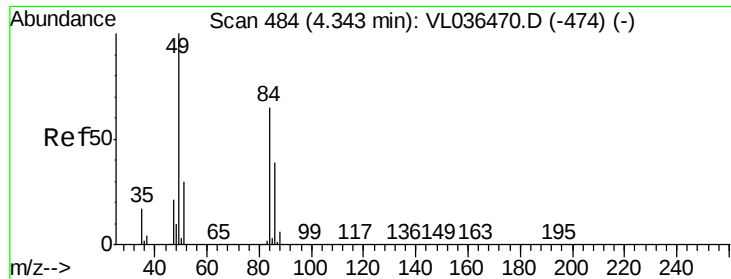
Tgt Ion: 45 Resp: 171342

Ion Ratio Lower Upper

45 100

58 1.5 2.9 4.3#





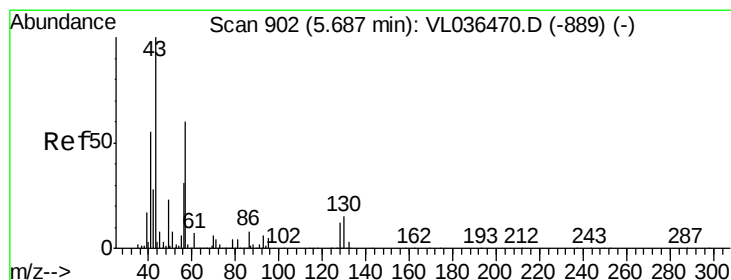
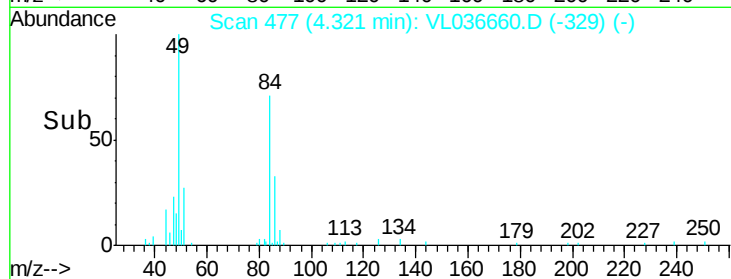
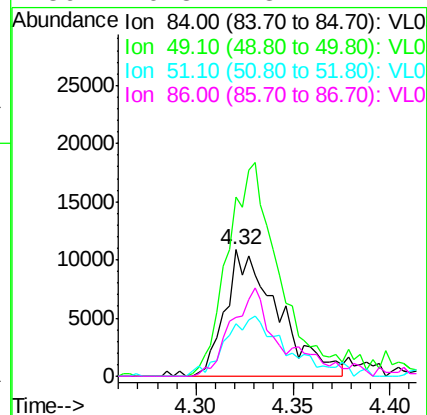
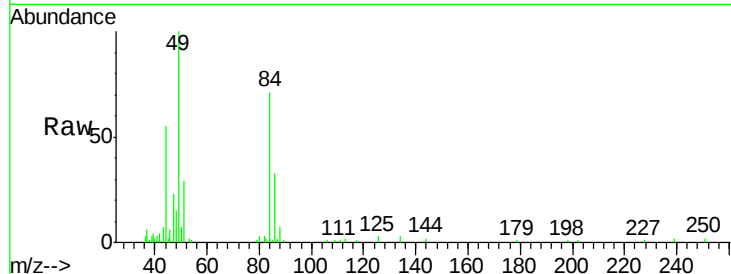
#20
Methvlene Chloride
Concen: 0.344 ppbv m
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL036660.D
Acq: 3 Apr 2021 00:51

Instrument :
MSVOA_L
ClientSampleId :
SOFF-SG-03DL

Tot Ion	Ratio	Lower	Upper
84	100		
49	141.8	122.9	184.3
51	41.5	36.9	55.3
86	46.8	48.2	72.4#

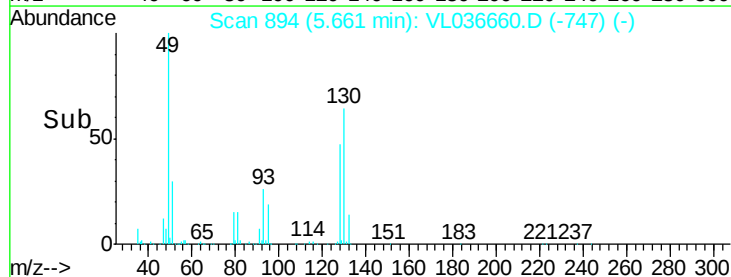
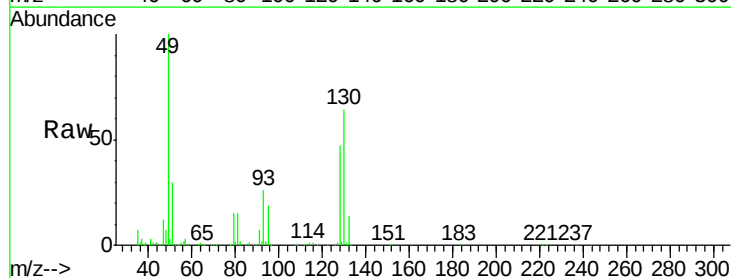
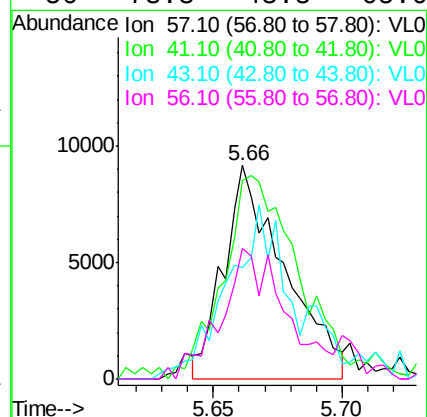
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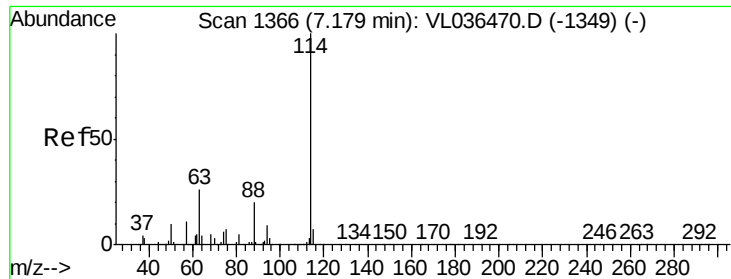
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#26
Hexane
Concen: 0.107 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL036660.D
Acq: 3 Apr 2021 00:51

Tgt Ion	Ratio	Lower	Upper
57	100		
41	126.8	77.2	115.8#
43	100.2	173.8	260.6#
56	73.3	43.8	65.6#





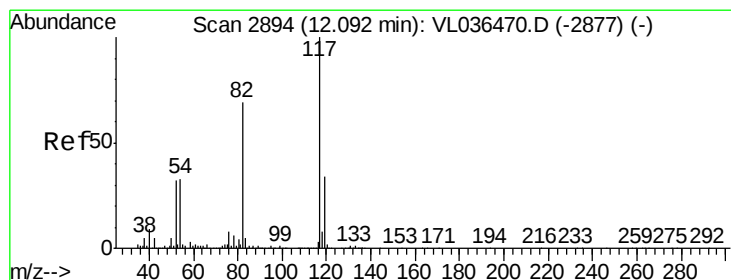
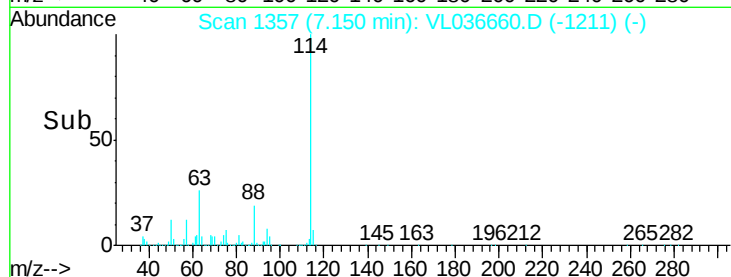
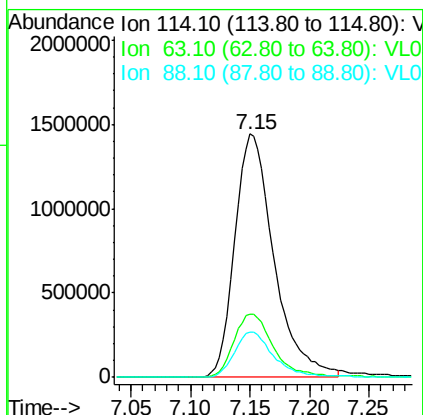
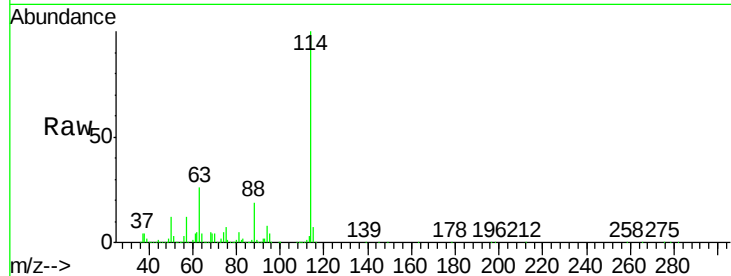
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.03 min
 Lab File: VL036660.D
 Acq: 3 Apr 2021 00:51

Instrument :
 MSVOA_L
 ClientSampleId :
 SOFF-SG-03DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.4	33.6
88	18.9	15.4	23.0

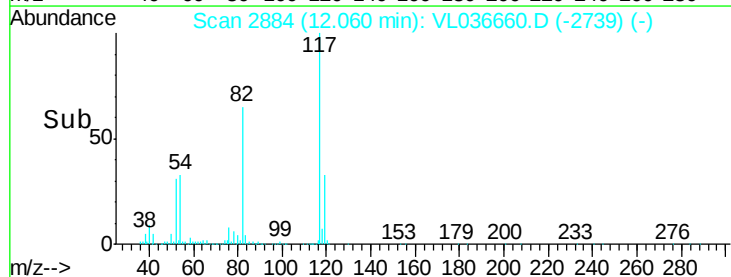
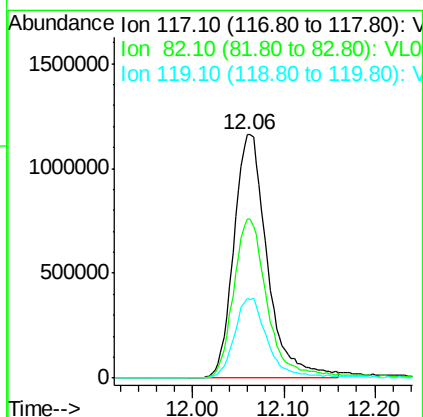
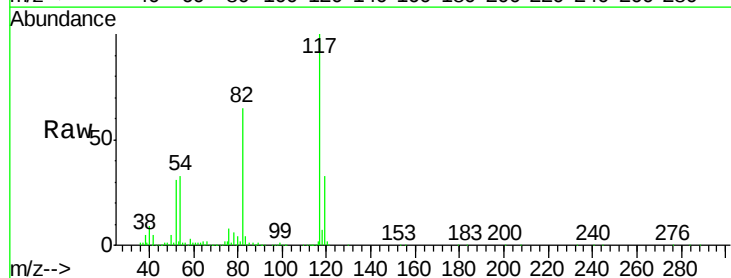
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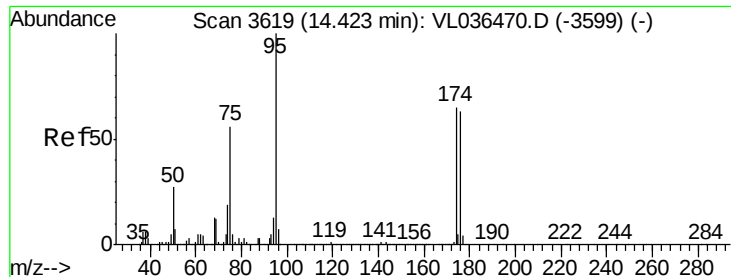
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2884
 Delta R.T. -0.03 min
 Lab File: VL036660.D
 Acq: 3 Apr 2021 00:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.1	57.4	86.0
119	32.5	47.4	71.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.701 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.03 min
 Lab File: VL036660.D
 Acq: 3 Apr 2021 00:51

Instrument :
 MSVOA_L
 ClientSampleId :
 SOFF-SG-03DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	69.8	51.0	76.6
175	5.3	3.9	5.9

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