

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036656.D
 Acq On : 2 Apr 2021 22:19
 Operator : SY/AP
 Sample : M1853-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SOFF-SG-04DL

Manual Integrations
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Quant Time: Apr 04 16:53:13 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	1272714	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3423769	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2950035	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2328316	9.90	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	30183	0.127	ppbv	98
13) Ethanol	3.60	45	185535m	20.553	ppbv	
15) Acetone	3.84	43	129767	1.036	ppbv #	77
20) Methylene Chloride	4.33	84	177734	3.030	ppbv	97
26) Hexane	5.66	57	156979	1.136	ppbv #	47

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

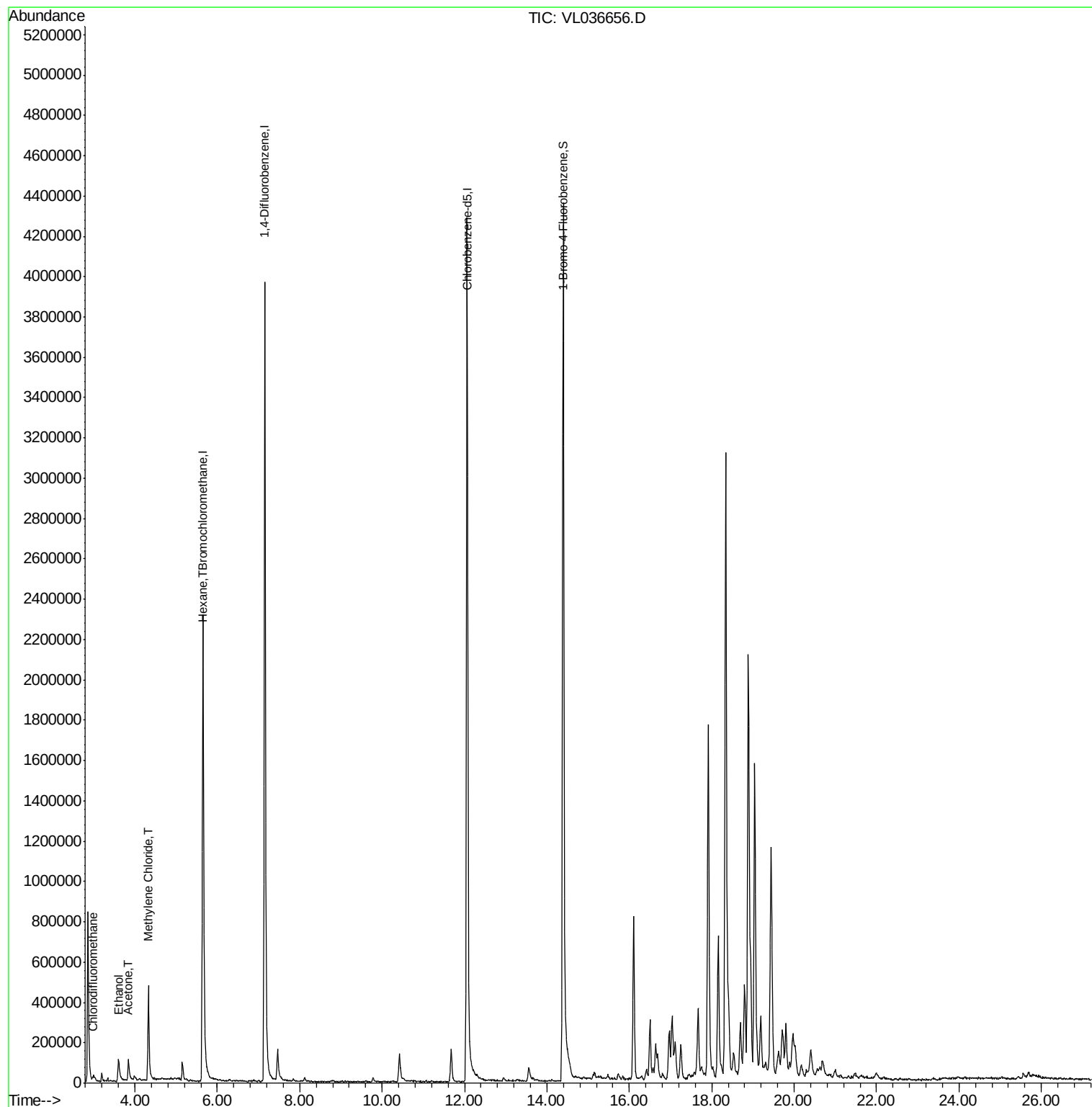
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
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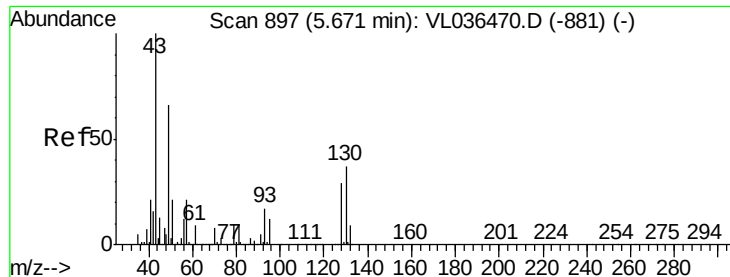
Instrument :
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QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.03 min

Lab File: VL036656.D

Acq: 2 Apr 2021 22:19

Instrument :

MSVOA_L

ClientSampleId :

SOFF-SG-04DL

Tot Ion: 49 Resp: 1272714

Ion Ratio Lower Upper

49 100

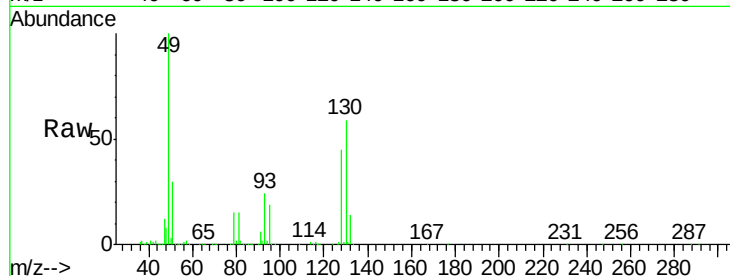
128 50.2 23.5 70.6

130 65.5 29.1 87.4

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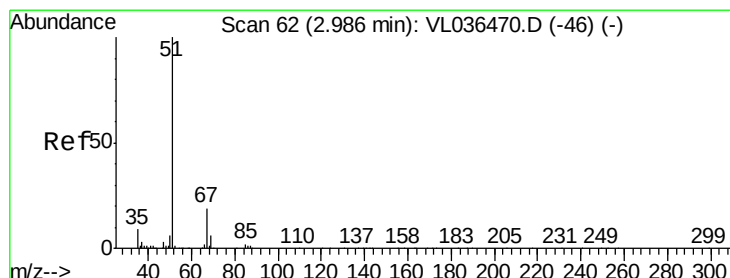
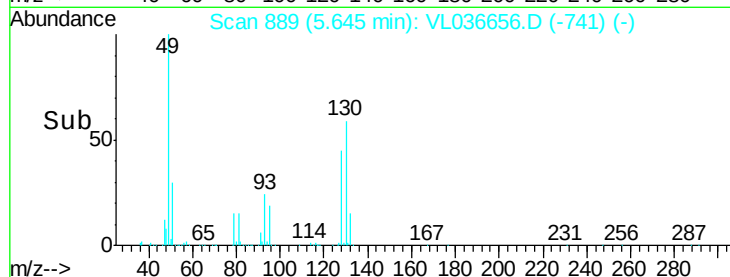
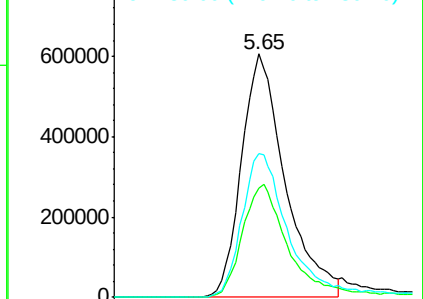
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#3

Chlorodifluoromethane

Concen: 0.127 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.01 min

Lab File: VL036656.D

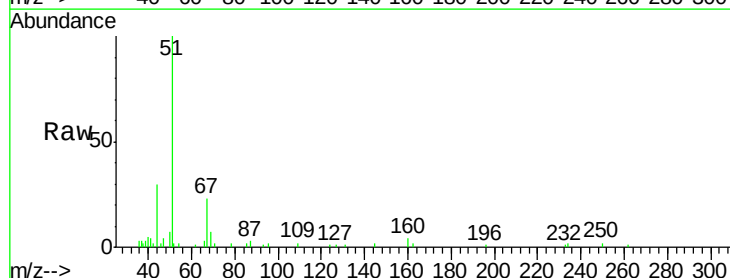
Acq: 2 Apr 2021 22:19

Tgt Ion: 51 Resp: 30183

Ion Ratio Lower Upper

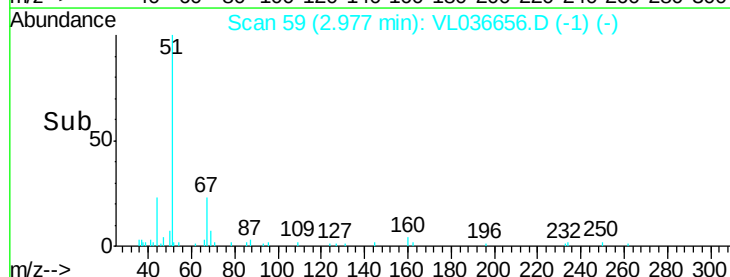
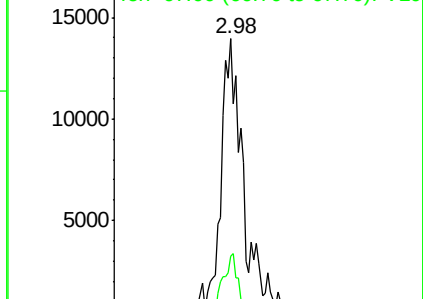
51 100

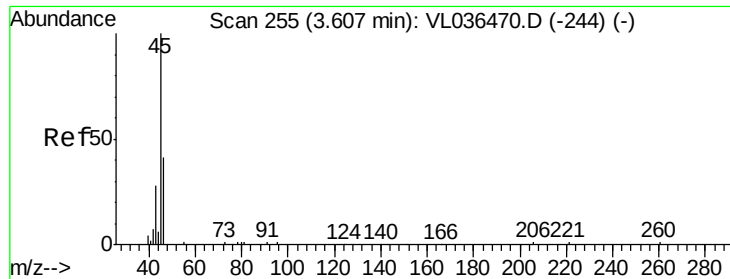
67 19.1 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





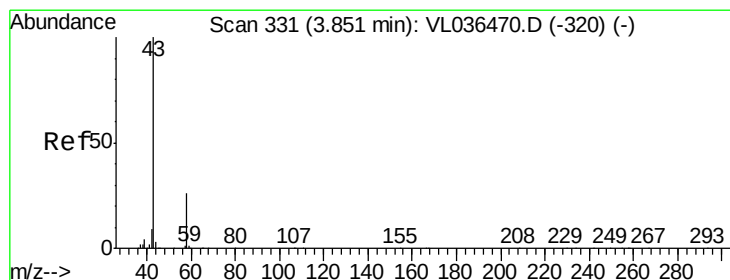
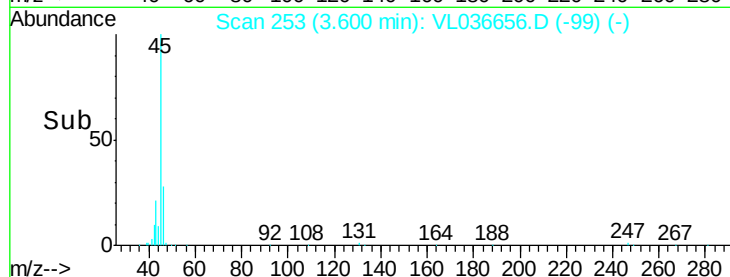
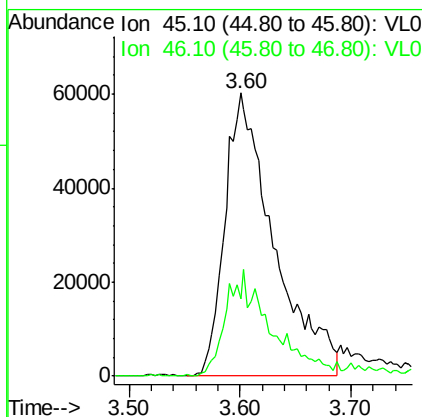
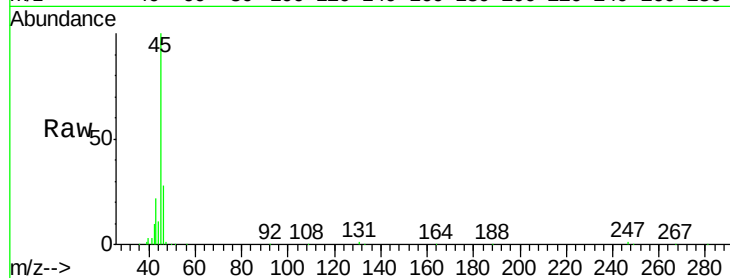
#13
Ethanol
Concen: 20.553 ppbv m
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL036656.D
Acq: 2 Apr 2021 22:19

Instrument :
MSVOA_L
ClientSampleId :
SOFF-SG-04DL

Tot Ion	45	46	Ratio	Lower	Upper
Resp:	185535				
Ion	100	34.5			
Ratio			16.6		66.2

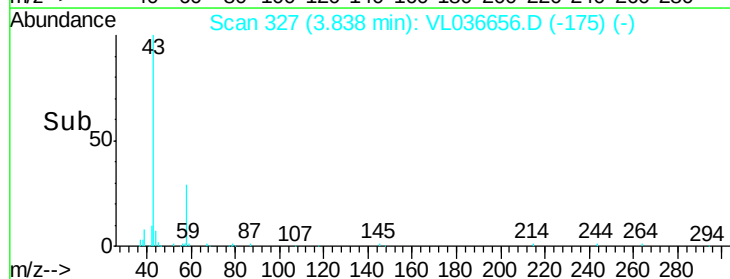
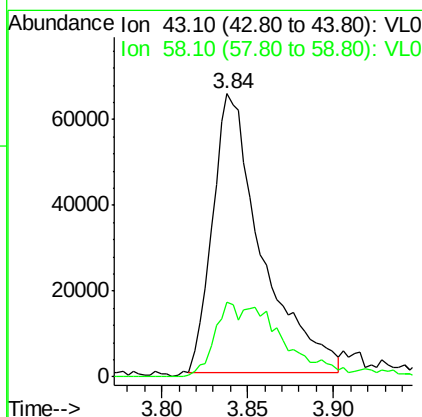
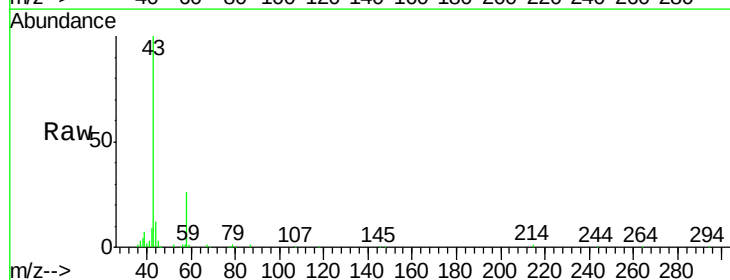
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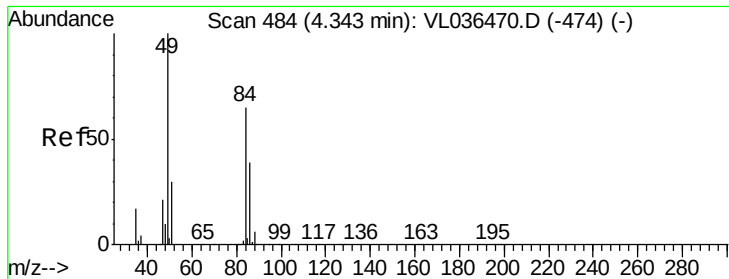
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#15
Acetone
Concen: 1.036 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL036656.D
Acq: 2 Apr 2021 22:19

Tgt Ion	43	58	Ratio	Lower	Upper
Resp:	129767				
Ion	100	38.1			
Ratio			21.2		31.8#





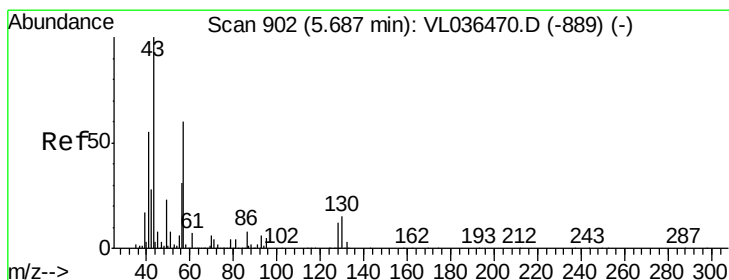
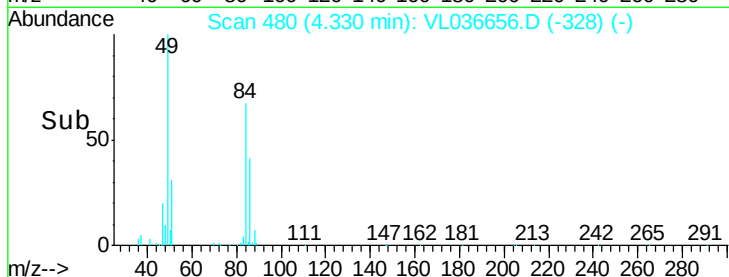
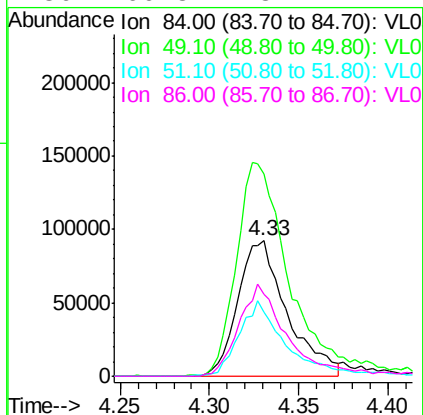
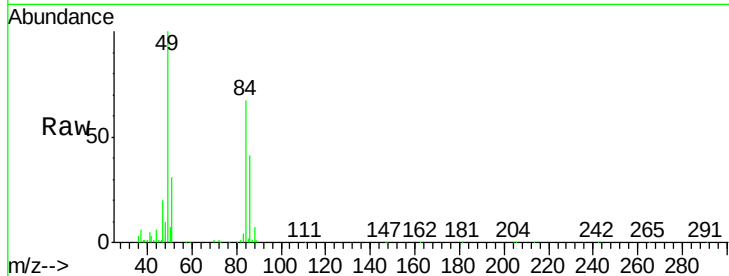
#20
Methvlene Chloride
Concen: 3.030 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL036656.D
Acq: 2 Apr 2021 22:19

Instrument :
MSVOA_L
ClientSampleId :
SOFF-SG-04DL

Tot Ion	84	Resp	177734
Ion	Ratio	Lower	Upper
84	100		
49	148.8	122.9	184.3
51	47.1	36.9	55.3
86	60.8	48.2	72.4

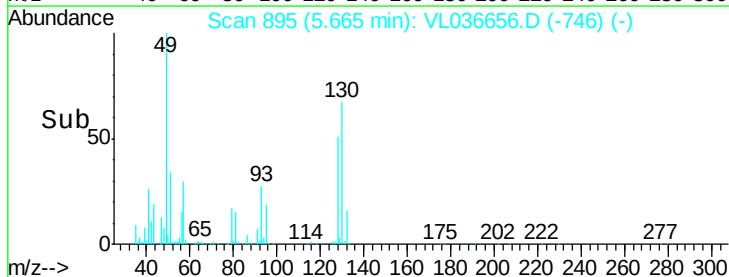
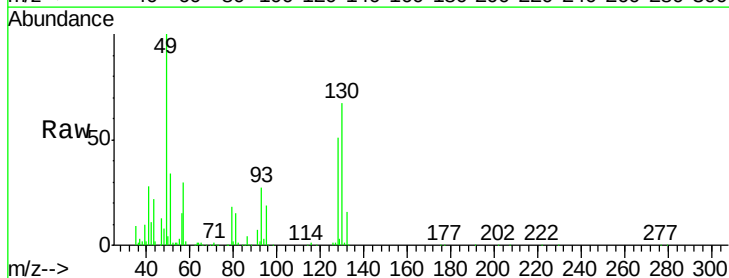
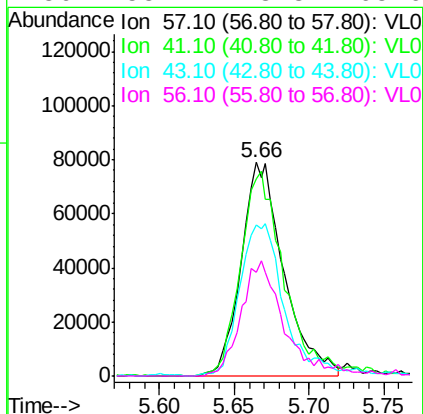
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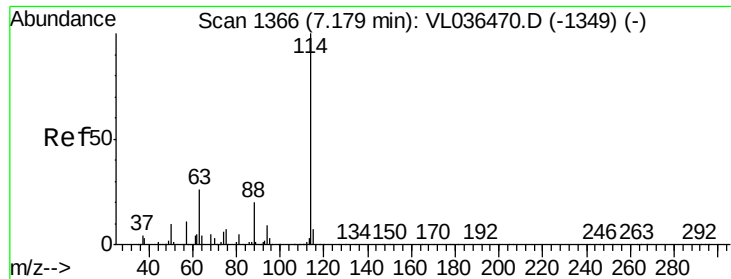
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#26
Hexane
Concen: 1.136 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL036656.D
Acq: 2 Apr 2021 22:19

Tgt Ion	57	Resp	156979
Ion	Ratio	Lower	Upper
57	100		
41	100.5	77.2	115.8
43	77.6	173.8	260.6#
56	55.1	43.8	65.6





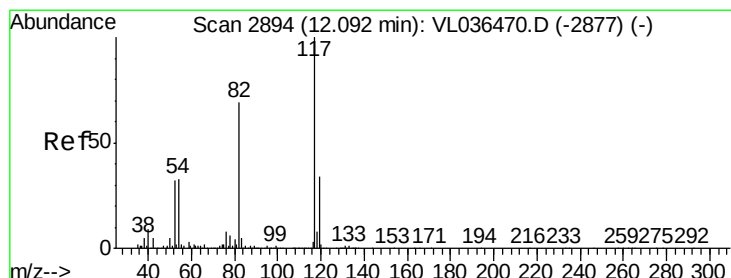
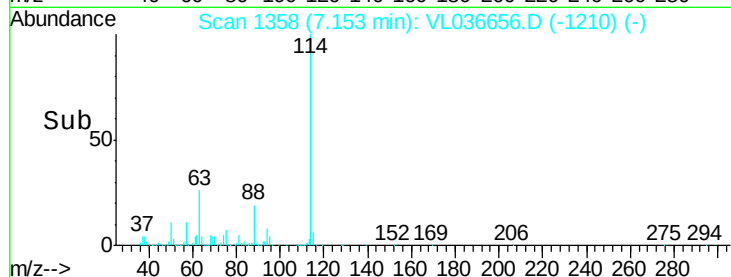
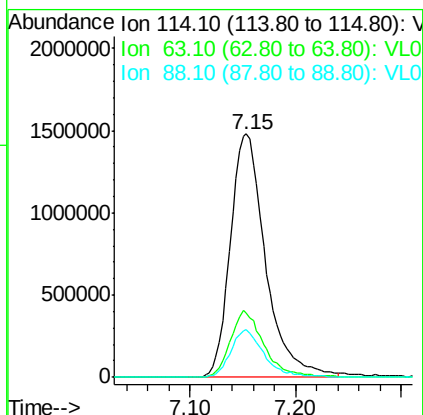
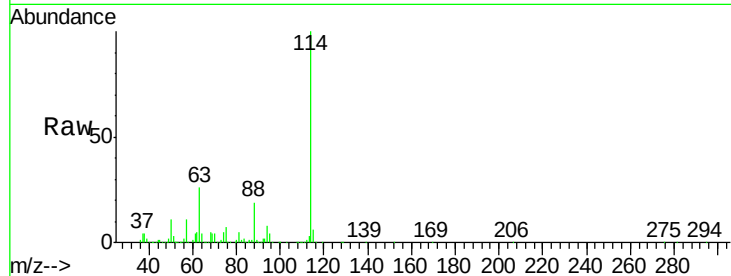
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.03 min
 Lab File: VL036656.D
 Acq: 2 Apr 2021 22:19

Instrument :
 MSVOA_L
 ClientSampleId :
 SOFF-SG-04DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.5	22.4	33.6
88	18.7	15.4	23.0

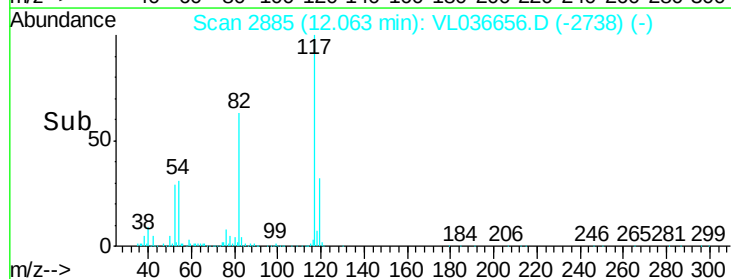
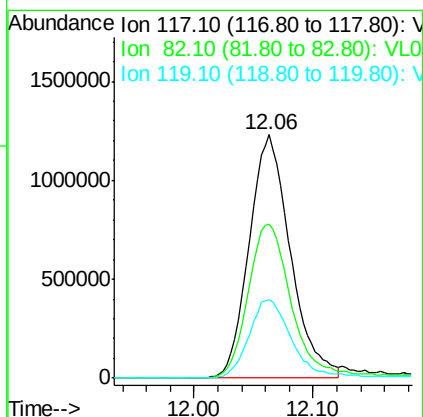
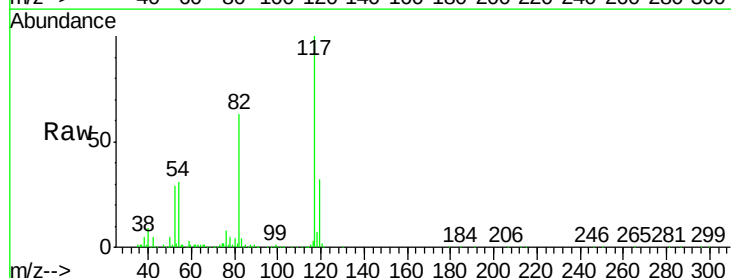
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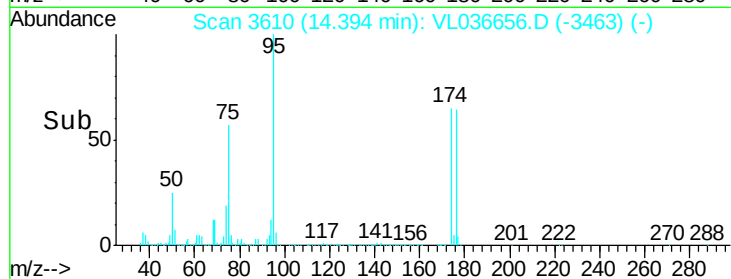
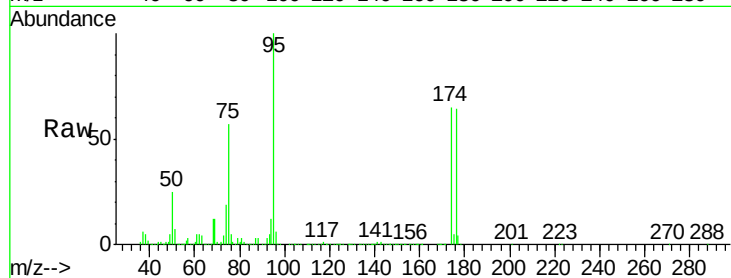
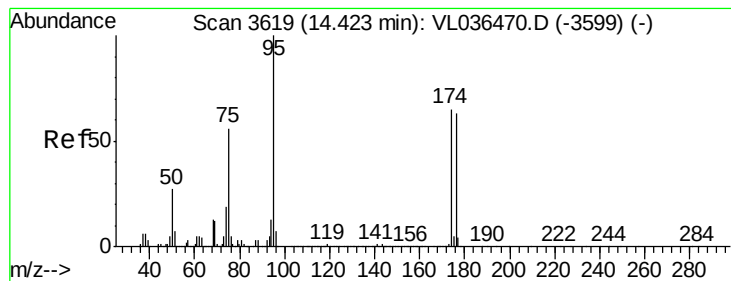
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2885
 Delta R.T. -0.03 min
 Lab File: VL036656.D
 Acq: 2 Apr 2021 22:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	70.0	57.4	86.0
119	34.3	47.4	71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.903 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.03 min

Lab File: VL036656.D

Acq: 2 Apr 2021 22:19

Tot Ion: 95 Resp: 2328316

Ion Ratio Lower Upper

95 100

174 72.2 51.0 76.6

175 5.3 3.9 5.9

Instrument :

MSVOA_L

ClientSampleId :

SOFF-SG-04DL

Manual Integrations

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