

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\
 Data File : VL035029.D
 Acq On : 14 May 2020 20:57
 Operator : SY/AP
 Sample : L2566-03DL2 120X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-5DL2

Manual Integrations
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Quant Time: May 15 04:36:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1217833	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	2870322	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2709165	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2239349	10.21	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.58	45	17786m	0.893	ppbv	
15) Acetone	3.83	43	48693	0.302	ppbv	# 79
19) Isopropyl Alcohol	3.96	45	12508m	0.116	ppbv	
20) Methylene Chloride	4.32	84	10486m	0.197	ppbv	
38) Trichloroethene	7.83	130	8719m	0.095	ppbv	
52) Tetrachloroethene	11.24	164	50734m	0.603	ppbv	
62) Isopropylbenzene	14.69	105	49604	0.114	ppbv	99

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

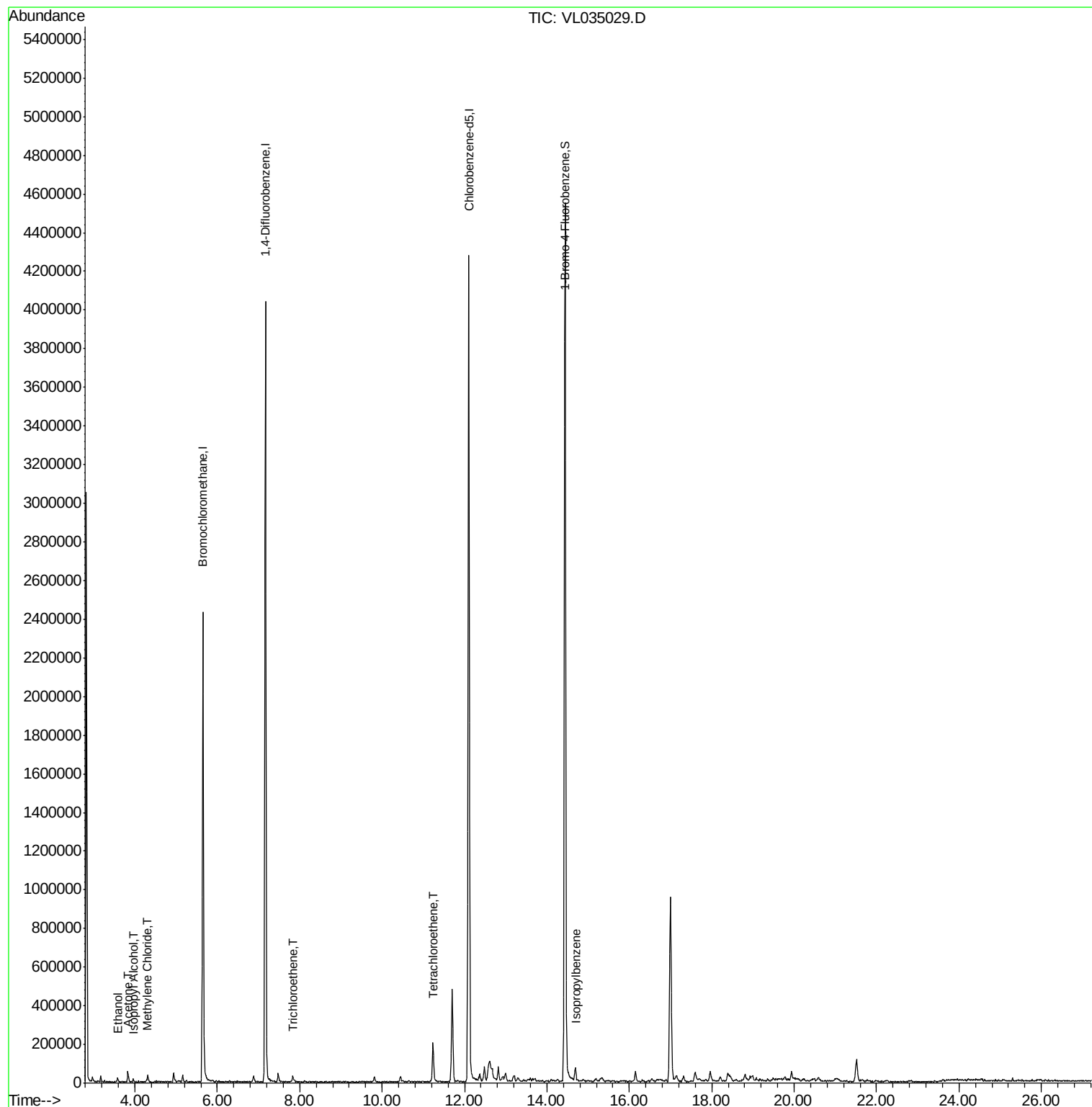
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051420\
Data File : VL035029.D
Acq On : 14 May 2020 20:57
Operator : SY/AP
Sample : L2566-03DL2 120X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

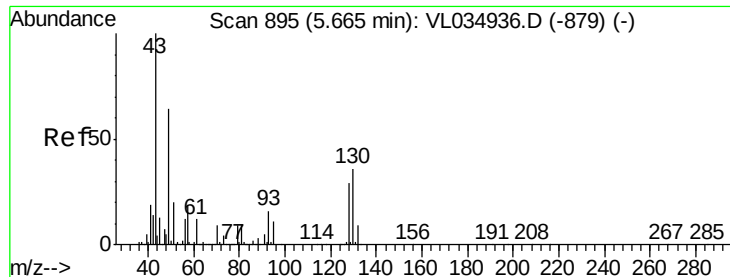
Instrument :
MSVOA_L
ClientSampleId :
SG-5DL2

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Quant Time: May 15 04:36:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.02 min

Lab File: VL035029.D

Acq: 14 May 2020 20:57

Instrument :

MSVOA_L

ClientSampled :

SG-5DL2

Tot Ion: 49 Resp: 1217833

Ion Ratio Lower Upper

49 100

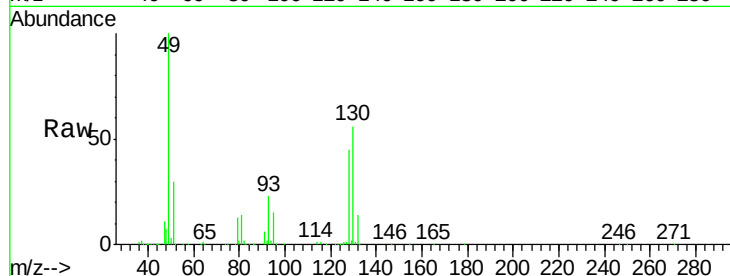
128 45.5 22.1 66.5

130 57.7 29.1 87.3

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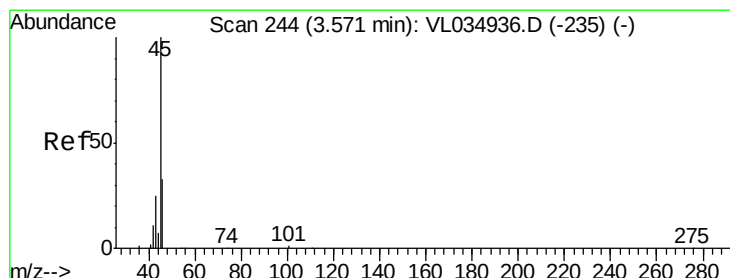
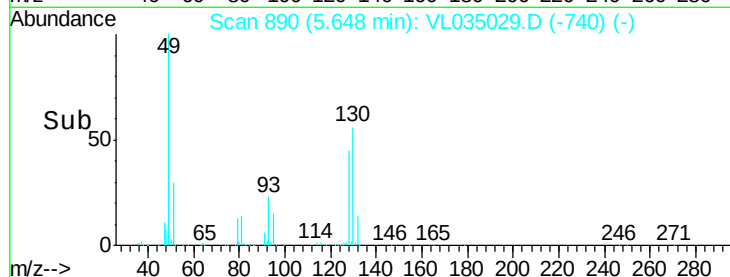
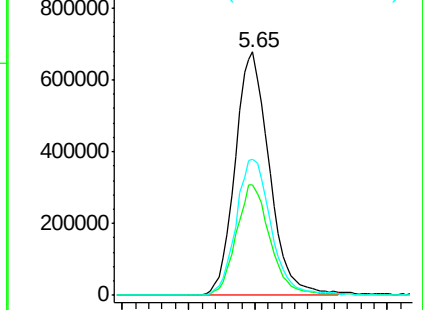
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#13

Ethanol

Concen: 0.893 ppbv m

RT: 3.58 min Scan# 248

Delta R.T. 0.01 min

Lab File: VL035029.D

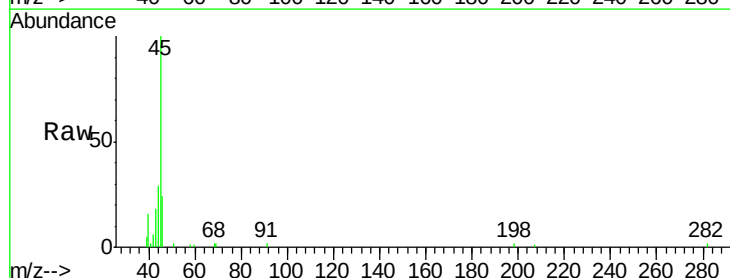
Acq: 14 May 2020 20:57

Tgt Ion: 45 Resp: 17786

Ion Ratio Lower Upper

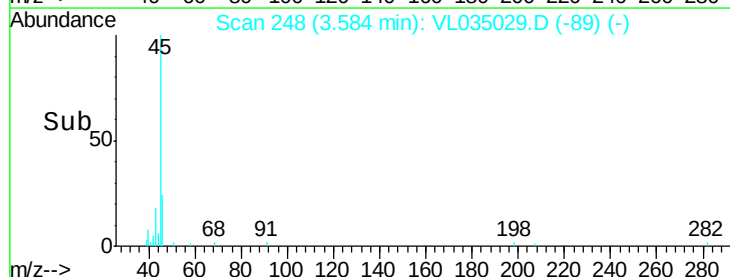
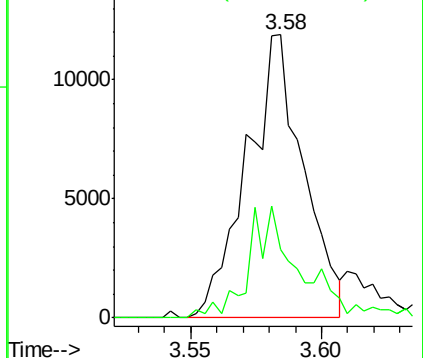
45 100

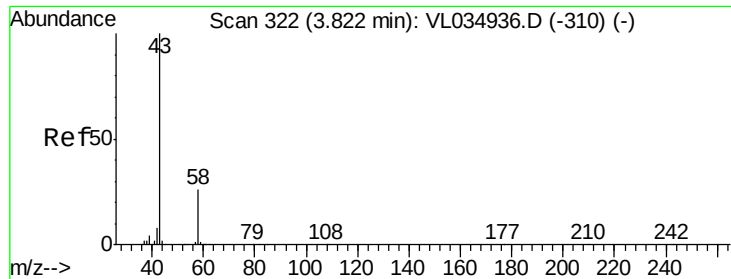
46 0.0 14.3 57.3#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.302 ppbv

RT: 3.83 min Scan# 324

Delta R.T. 0.01 min

Lab File: VL035029.D

Acq: 14 May 2020 20:57

Instrument :

MSVOA_L

ClientSampleId :

SG-5DL2

Tot Ion: 43 Resp: 48693

Ion Ratio Lower Upper

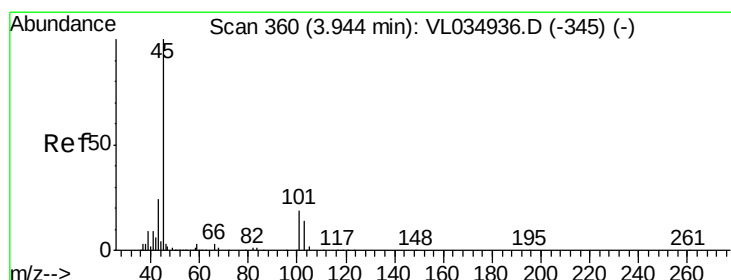
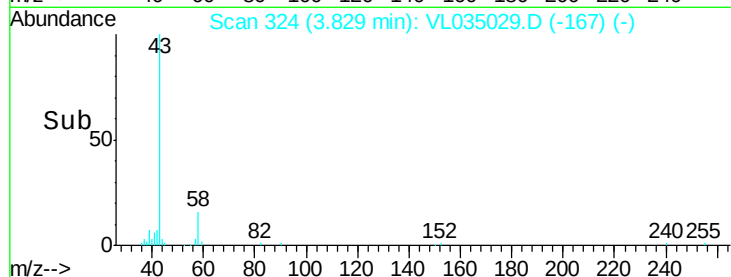
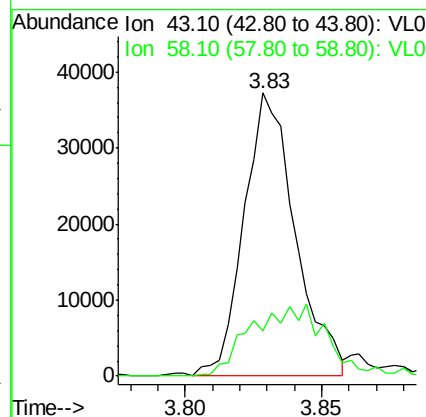
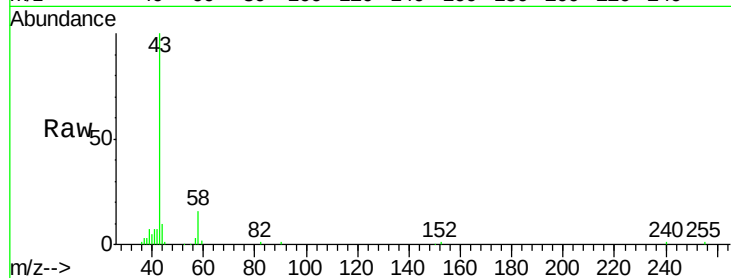
43 100

58 37.9 21.7 32.5#

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#19

Isopropyl Alcohol

Concen: 0.116 ppbv m

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VL035029.D

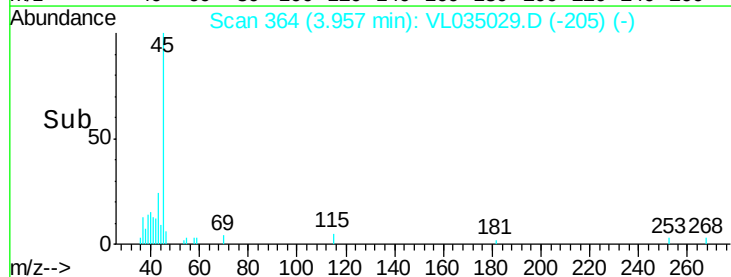
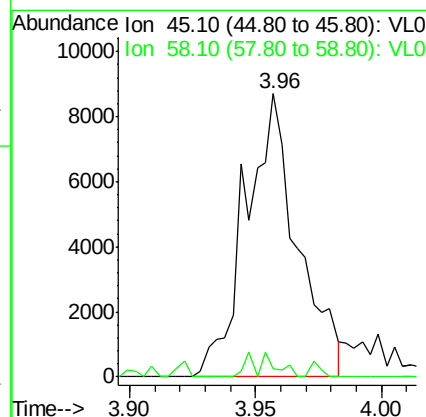
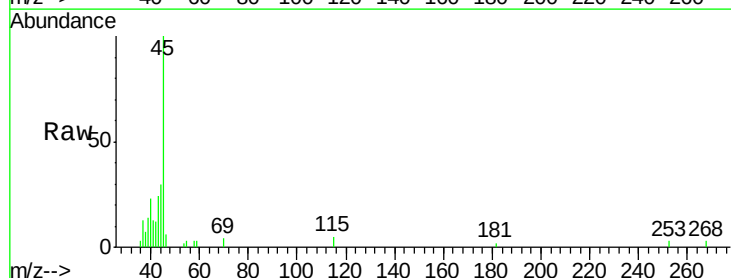
Acq: 14 May 2020 20:57

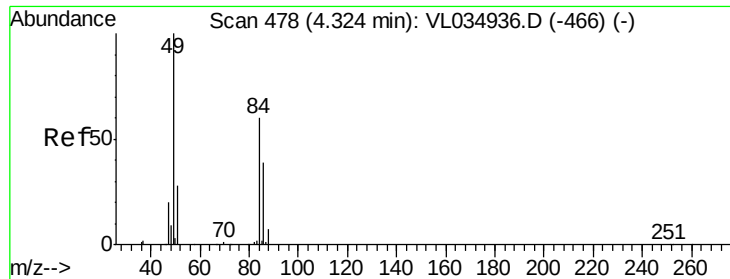
Tgt Ion: 45 Resp: 12508

Ion Ratio Lower Upper

45 100

58 0.0 1.7 2.5#





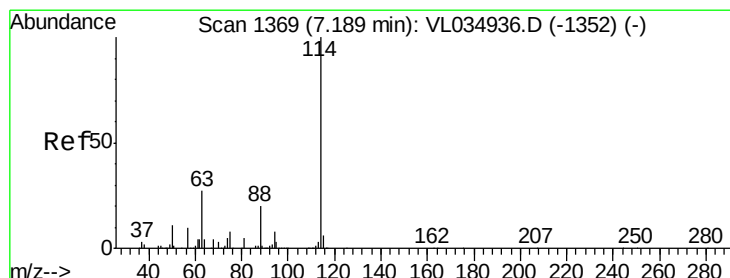
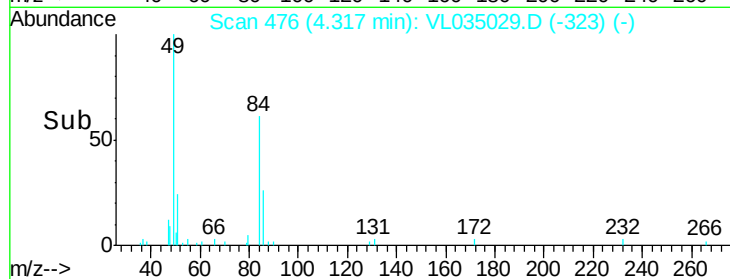
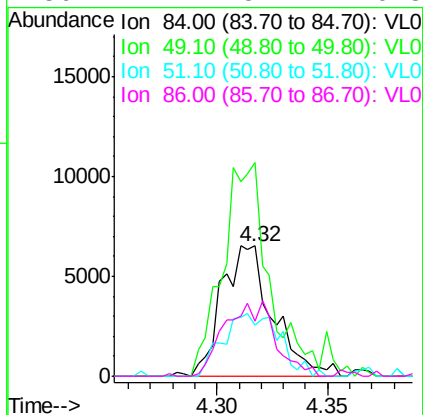
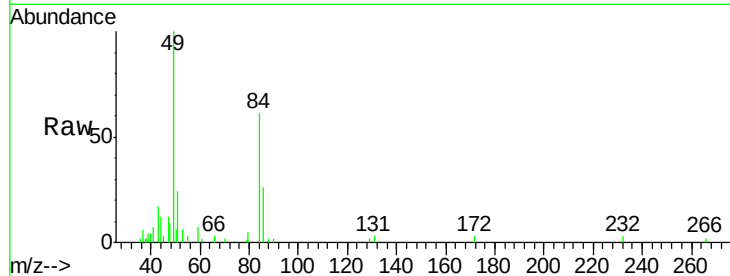
#20
Methylene Chloride
Concen: 0.197 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.01 min
Lab File: VL035029.D
Acq: 14 May 2020 20:57

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL2

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	164.0	132.5	198.7	
51	39.7	38.4	57.6	
86	42.1	51.2	76.8	

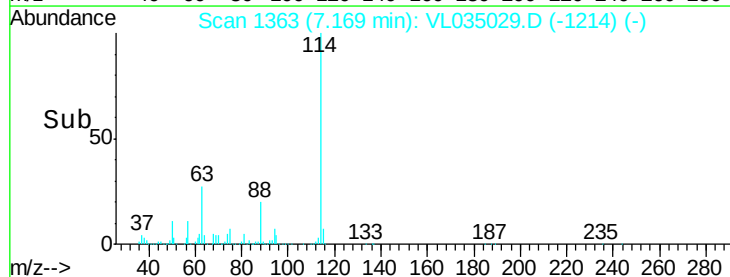
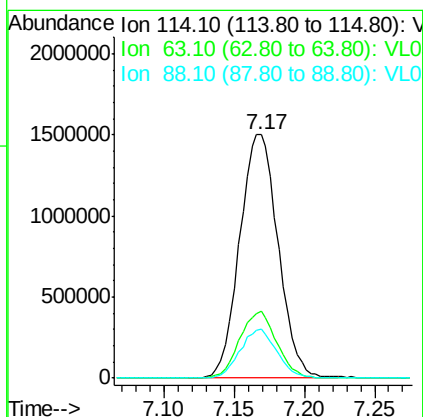
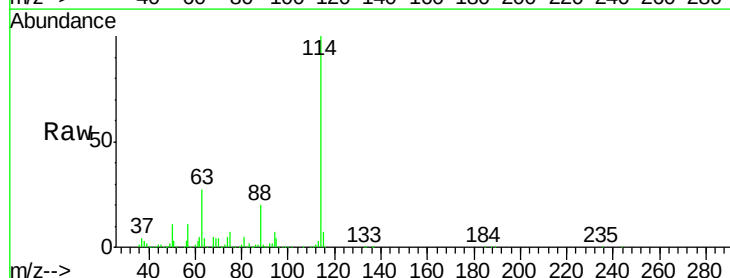
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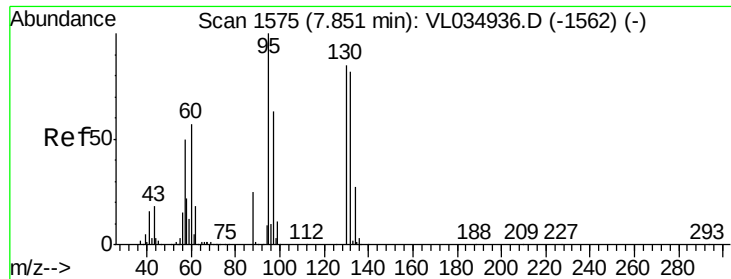
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.02 min
Lab File: VL035029.D
Acq: 14 May 2020 20:57

Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	26.5	22.2	33.4	
88	19.4	15.5	23.3	





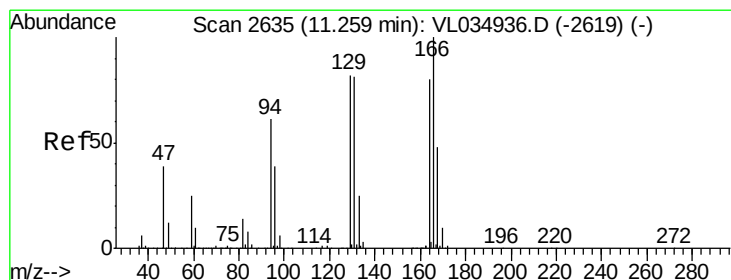
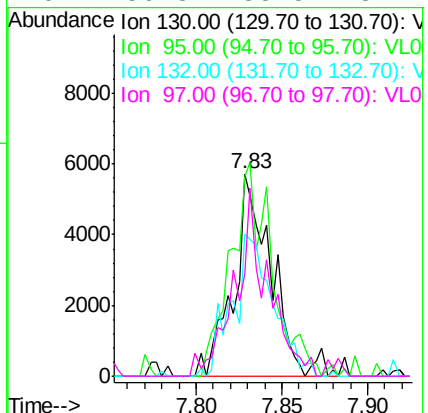
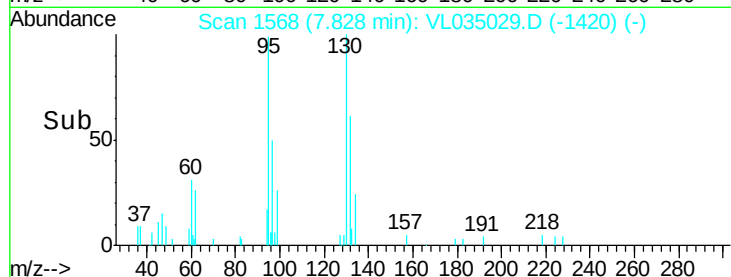
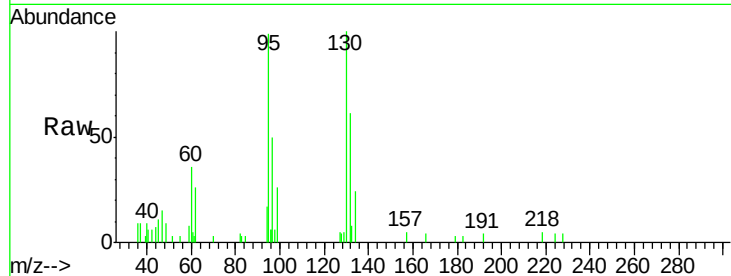
#38
 Trichloroethene
 Concen: 0.095 ppbv m
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: VL035029.D
 Acq: 14 May 2020 20:57

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-5DL2

Tot Ion	Ratio	Lower	Upper
130	100		
95	98.5	93.4	140.0
132	61.4	76.4	114.6#
97	50.3	58.5	87.7#

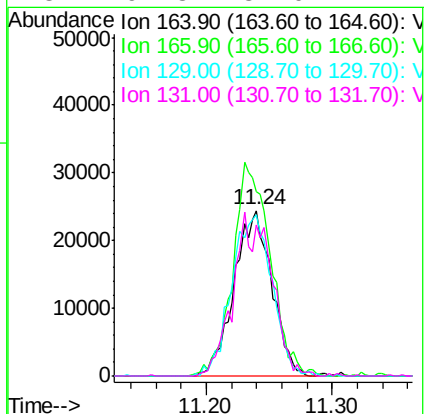
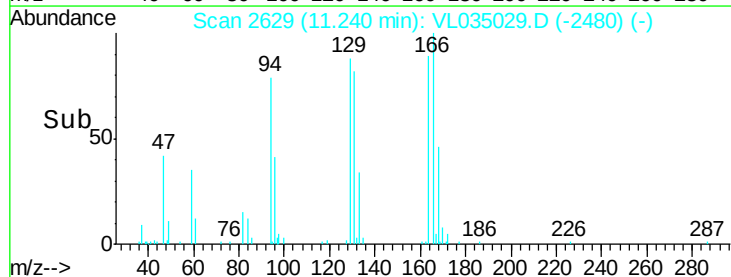
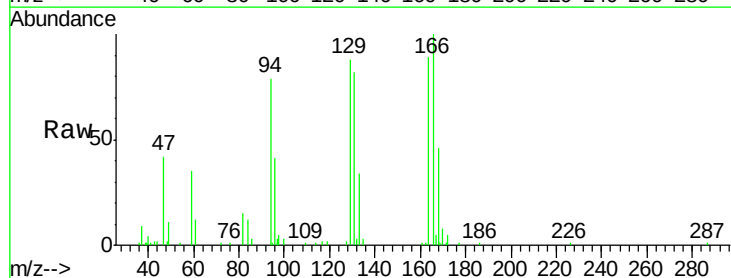
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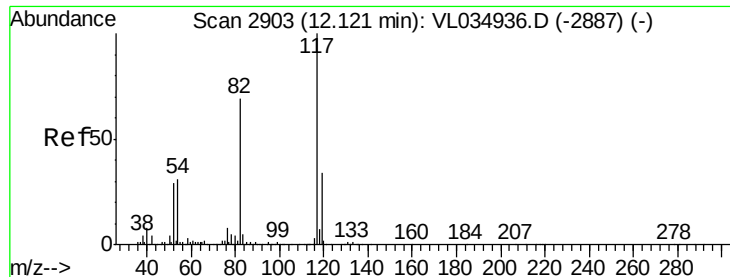
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#52
 Tetrachloroethene
 Concen: 0.603 ppbv m
 RT: 11.24 min Scan# 2629
 Delta R.T. -0.02 min
 Lab File: VL035029.D
 Acq: 14 May 2020 20:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	112.0	100.7	151.1
129	98.0	83.0	124.4
131	91.8	81.0	121.4





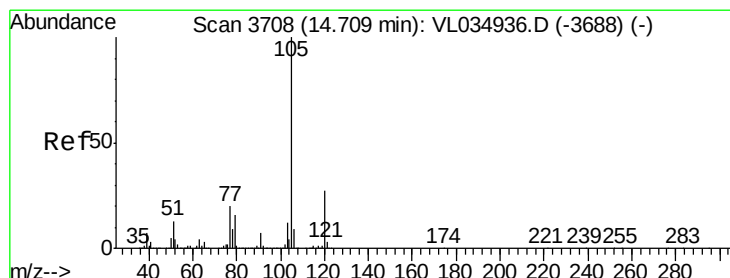
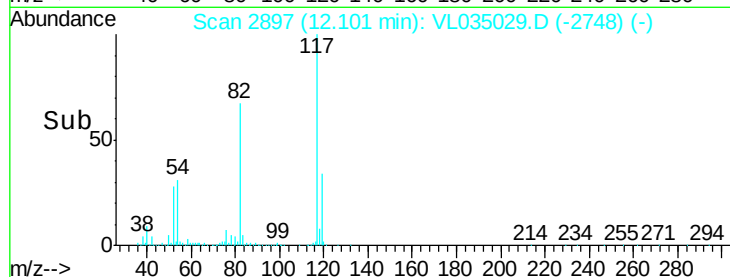
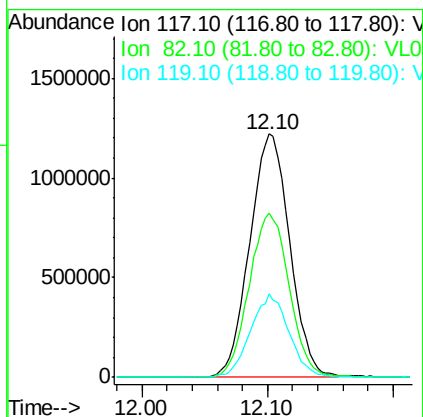
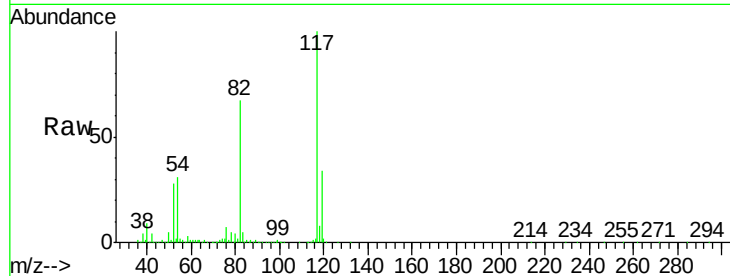
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.02 min
Lab File: VL035029.D
Acq: 14 May 2020 20:57

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL2

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.0	53.1	79.7
119	33.0	26.7	40.1

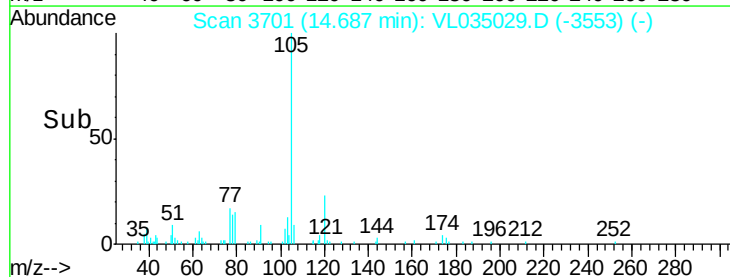
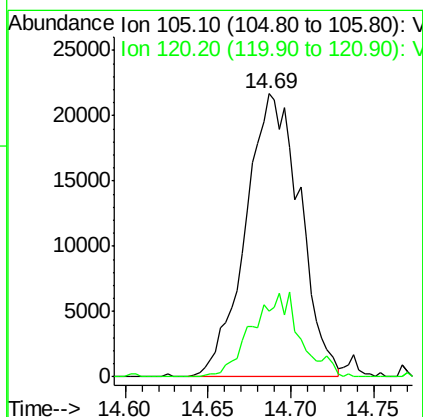
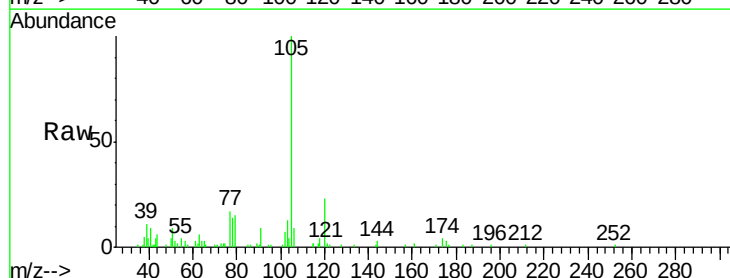
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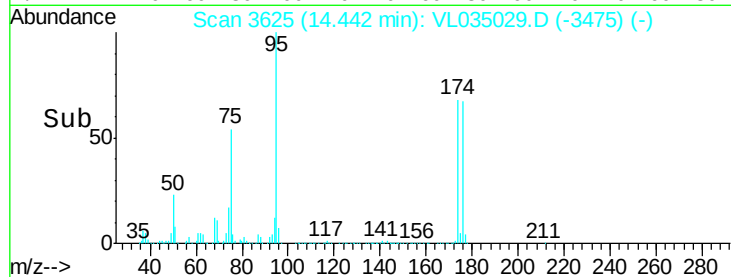
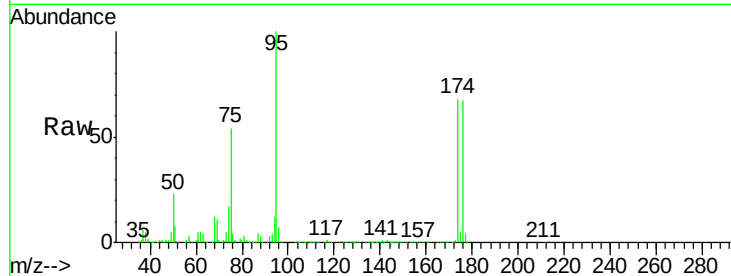
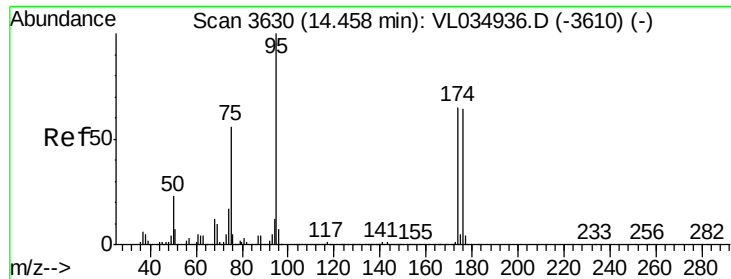
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#62
Isopropylbenzene
Concen: 0.114 ppbv
RT: 14.69 min Scan# 3701
Delta R.T. -0.02 min
Lab File: VL035029.D
Acq: 14 May 2020 20:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.6	31.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.212 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. -0.02 min

Lab File: VL035029.D

Acq: 14 May 2020 20:57

Tot Ion: 95 Resp: 2239349

Ion Ratio Lower Upper

95 100

174 67.9 51.5 77.3

175 5.2 3.8 5.8

Instrument :

MSVOA_L

ClientSampleId :

SG-5DL2

Manual Integrations

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