

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036117.D
 Acq On : 9 Dec 2020 5:28
 Operator : SY/AP
 Sample : L4948-12DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1BDL

Manual Integrations
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Quant Time: Dec 09 09:06:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1161084	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.18	114	2362000	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2138094	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1812240	10.67	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	7297m	0.110	ppbv	
13) Ethanol	3.62	45	56481m	6.174	ppbv	
15) Acetone	3.87	43	52992m	0.380	ppbv	
20) Methylene Chloride	4.35	84	15253m	0.267	ppbv	
36) Benzene	6.90	78	62354	0.311	ppbv	95
52) Tetrachloroethene	11.24	164	5123m	0.071	ppbv	
62) Isopropylbenzene	14.68	105	45751m	0.133	ppbv	

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

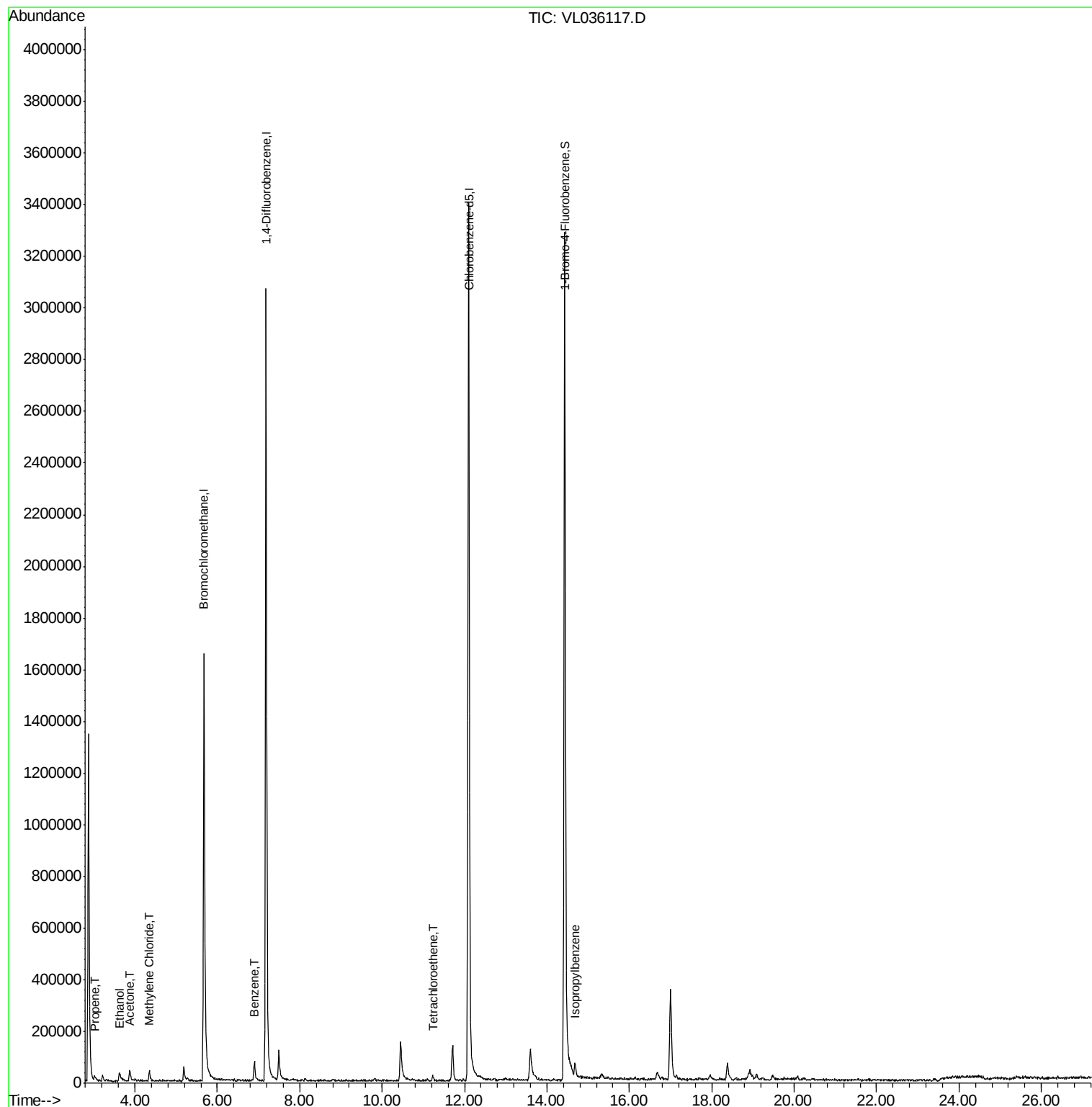
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
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Misc : 400ml/MSVOA L
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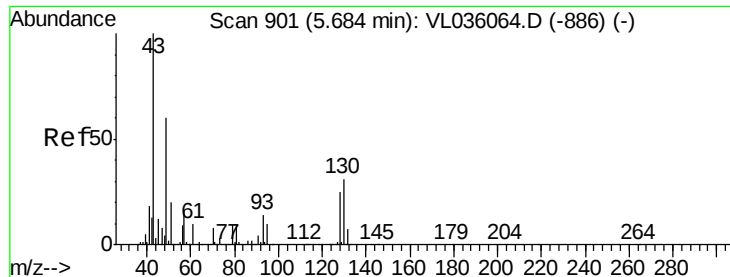
Instrument :
MSVOA_L
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.01 min

Lab File: VL036117.D

Acq: 9 Dec 2020 5:28

Instrument :

MSVOA_L

ClientSampleId :

SS-1BDL

Tot Ion: 49 Resp: 1161084

Ion Ratio Lower Upper

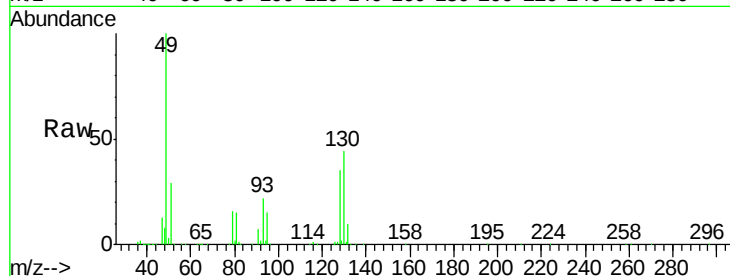
49 100

128 35.8 21.1 63.1

130 46.3 27.1 81.3

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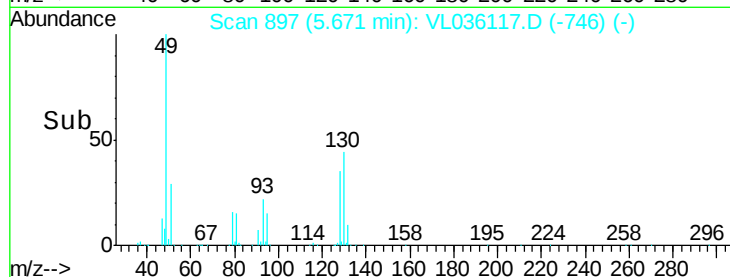


Abundance Ion 49.10 (48.80 to 49.80): VL0

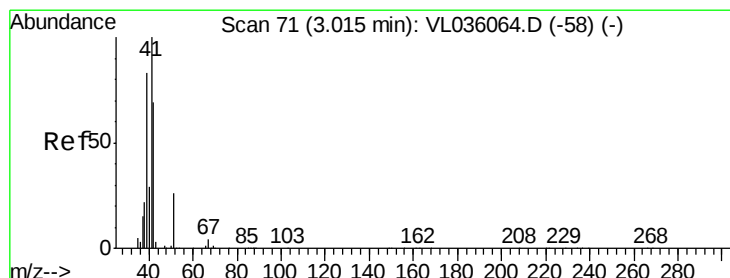
Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

Time-->



Time-->



#9

Propene

Concen: 0.110 ppbv m

RT: 3.01 min Scan# 69

Delta R.T. -0.01 min

Lab File: VL036117.D

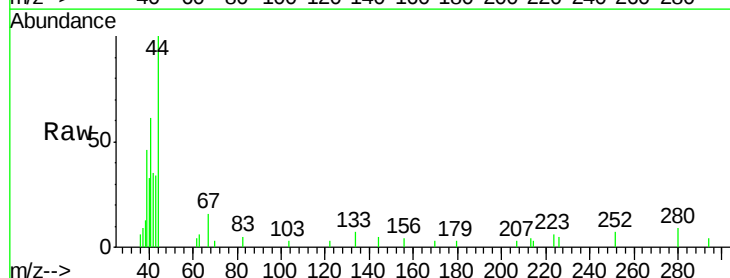
Acq: 9 Dec 2020 5:28

Tgt Ion: 41 Resp: 7297

Ion Ratio Lower Upper

41 100

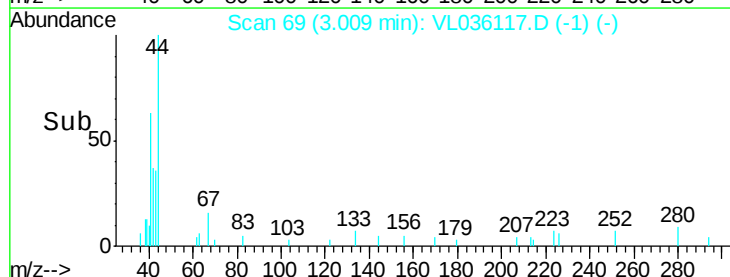
42 12.3 57.0 85.6#



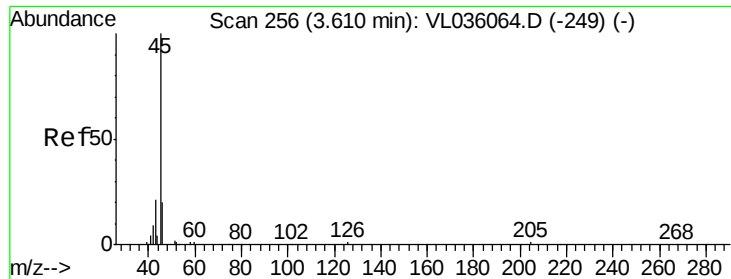
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Time-->



Time-->



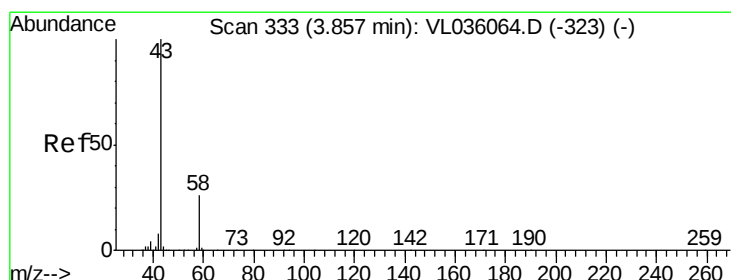
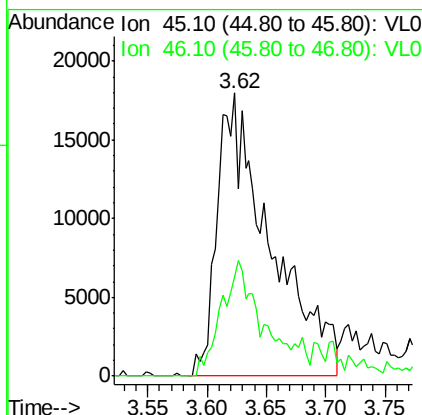
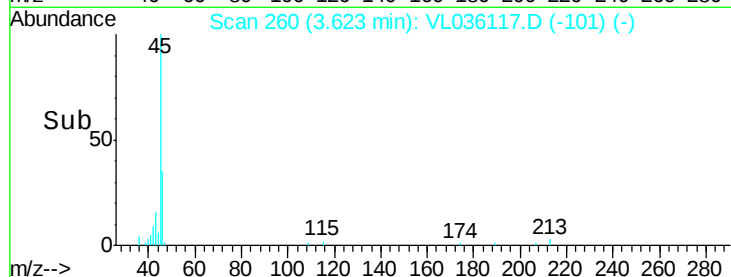
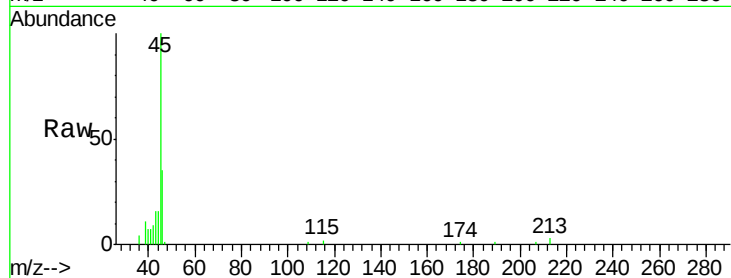
#13
Ethanol
Concen: 6.174 ppbv m
RT: 3.62 min Scan# 260
Delta R.T. 0.01 min
Lab File: VL036117.D
Acq: 9 Dec 2020 5:28

Instrument :
MSVOA_L
ClientSampleId :
SS-1BDL

Tot Ion: 45 Resp: 56481
Ion Ratio Lower Upper
45 100
46 0.0 19.0 75.8#

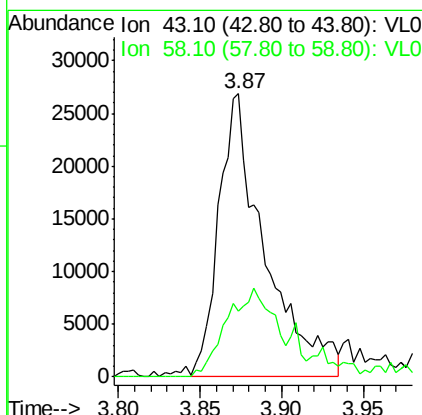
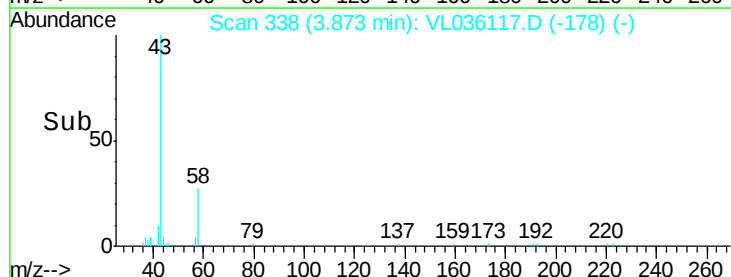
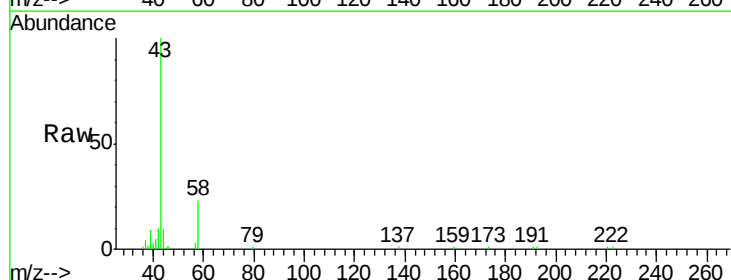
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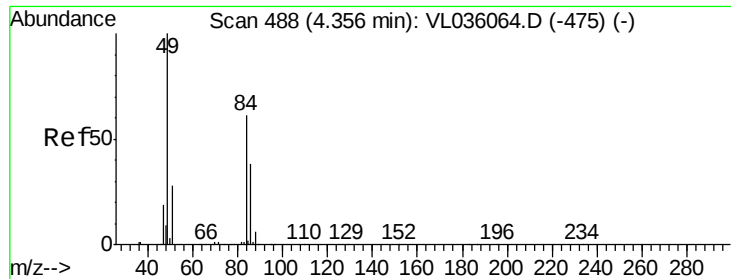
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#15
Acetone
Concen: 0.380 ppbv m
RT: 3.87 min Scan# 338
Delta R.T. 0.02 min
Lab File: VL036117.D
Acq: 9 Dec 2020 5:28

Tgt Ion: 43 Resp: 52992
Ion Ratio Lower Upper
43 100
58 0.0 20.9 31.3#





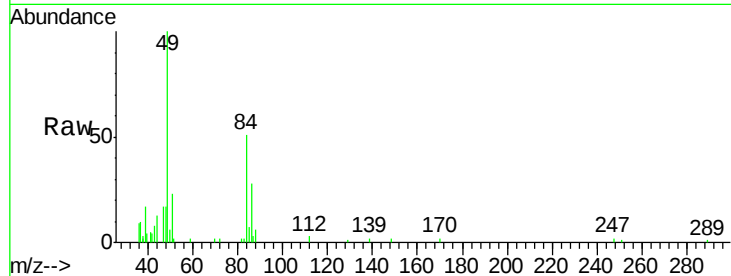
#20
Methvlene Chloride
Concen: 0.267 ppbv m
RT: 4.35 min Scan# 485
Delta R.T. -0.01 min
Lab File: VL036117.D
Acq: 9 Dec 2020 5:28

Instrument :
MSVOA_L
ClientSampleId :
SS-1BDL

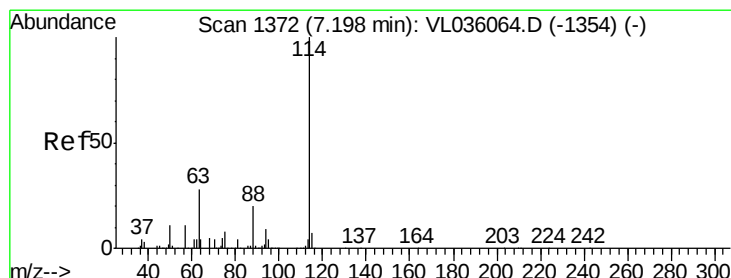
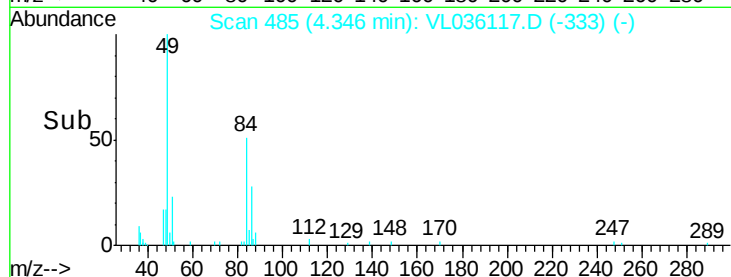
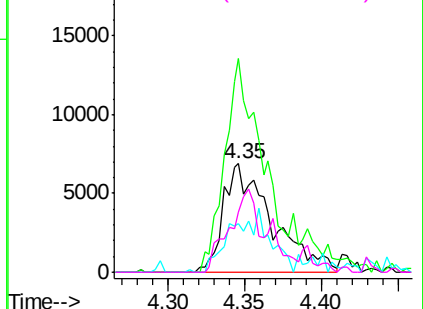
Tot Ion:	84	Resp:	15253
Ion	Ratio	Lower	Upper
84	100		
49	197.1	133.0	199.4
51	44.9	38.9	58.3
86	56.1	48.8	73.2

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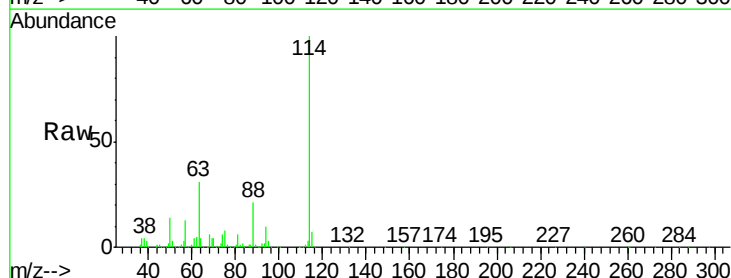


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

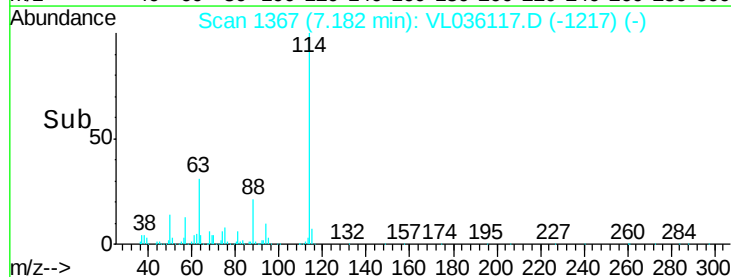
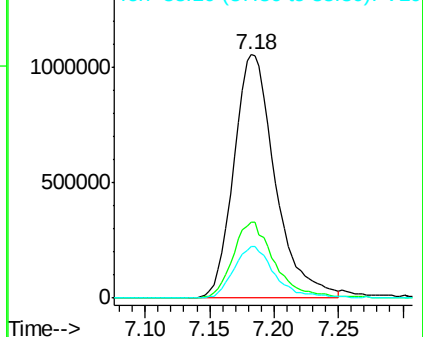


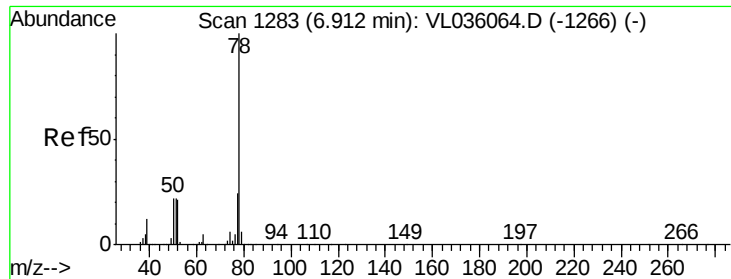
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VL036117.D
Acq: 9 Dec 2020 5:28

Tgt Ion:	114	Resp:	2362000
Ion	Ratio	Lower	Upper
114	100		
63	32.1	23.6	35.4
88	21.2	15.8	23.6



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





#36

Benzene

Concen: 0.311 ppbv

RT: 6.90 min Scan# 1279

Delta R.T. -0.01 min

Lab File: VL036117.D

Acq: 9 Dec 2020 5:28

Instrument :

MSVOA_L

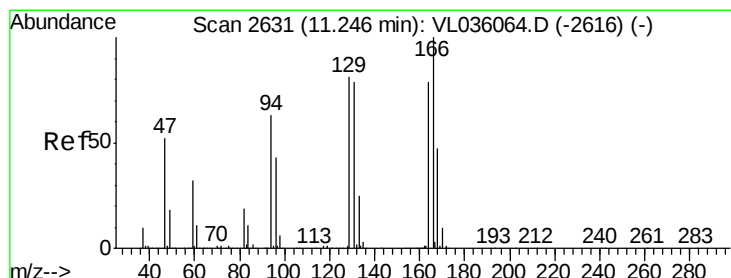
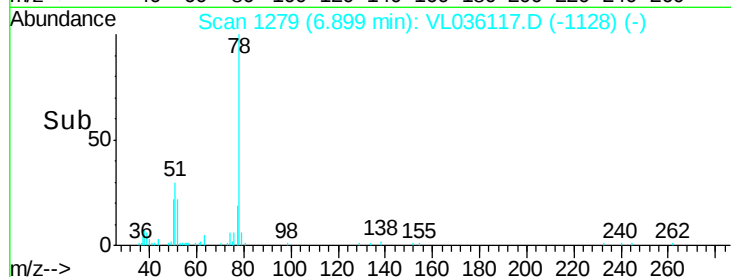
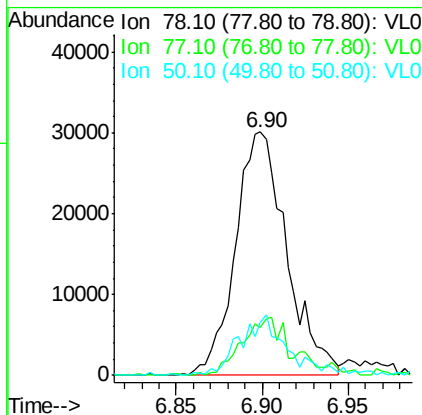
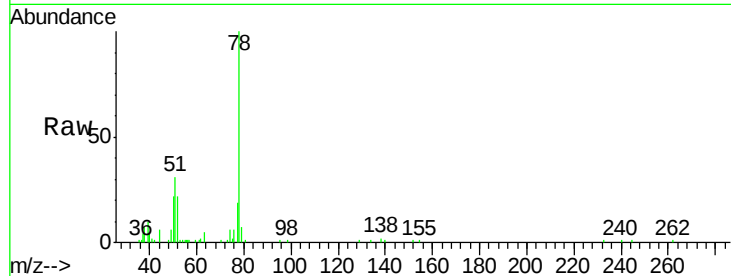
ClientSampleId :

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Tot Ion:	78	Resp:	62354
Ion	Ratio	Lower	Upper
78	100		
77	19.5	19.4	29.2
50	21.9	17.8	26.8

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#52

Tetrachloroethene

Concen: 0.071 ppbv m

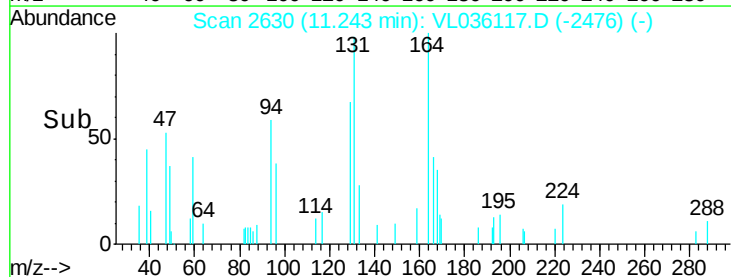
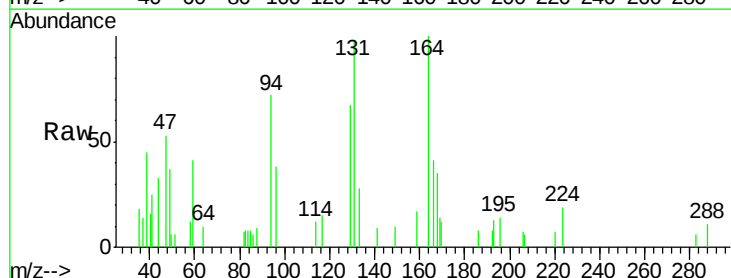
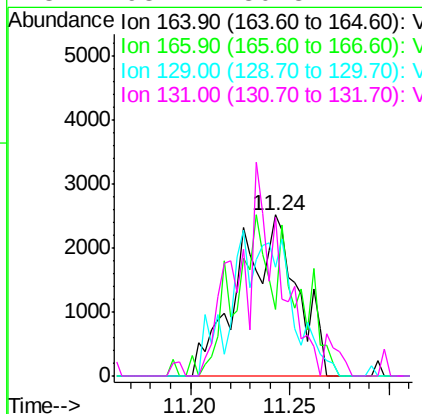
RT: 11.24 min Scan# 2630

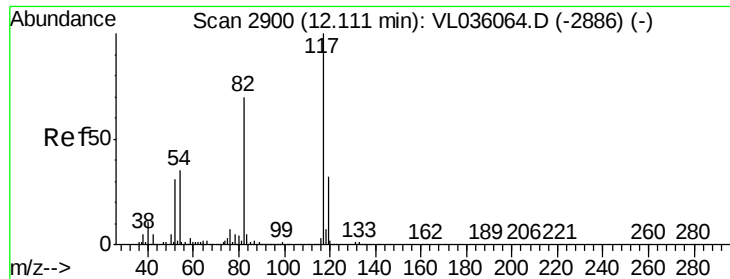
Delta R.T. -0.00 min

Lab File: VL036117.D

Acq: 9 Dec 2020 5:28

Tgt Ion:	164	Resp:	5123
Ion	Ratio	Lower	Upper
164	100		
166	41.4	101.9	152.9#
129	67.3	82.1	123.1#
131	98.1	80.8	121.2





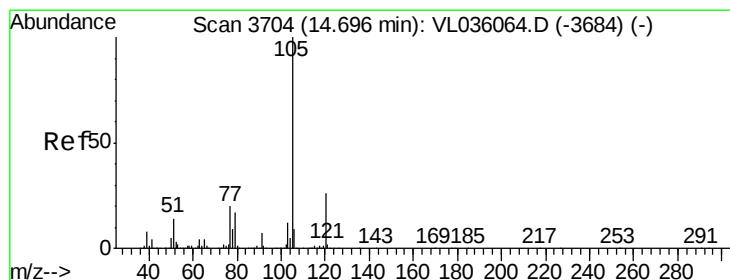
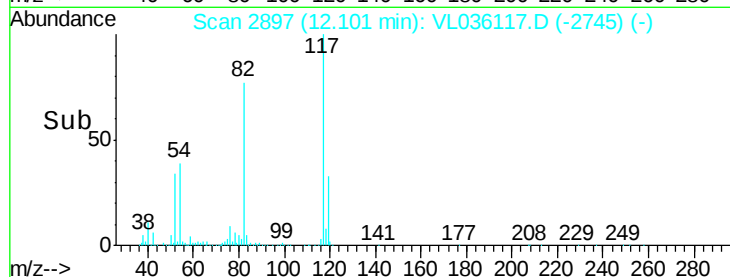
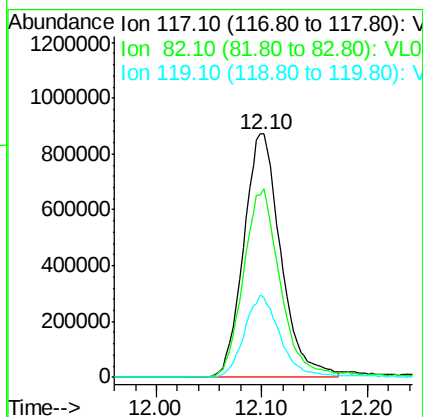
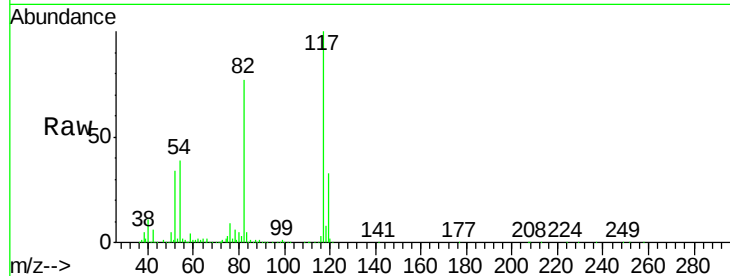
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL036117.D
Acq: 9 Dec 2020 5:28

Instrument :
MSVOA_L
ClientSampleId :
SS-1BDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	78.1	0.0	0.0#
119	33.1	0.0	0.0#

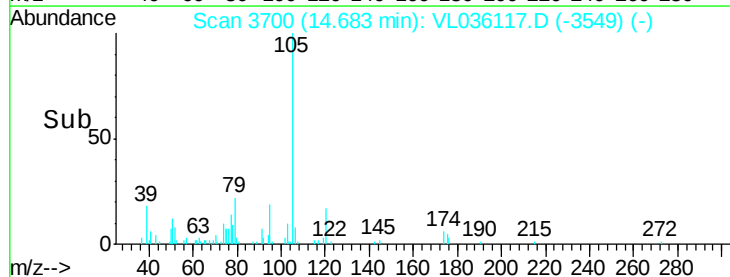
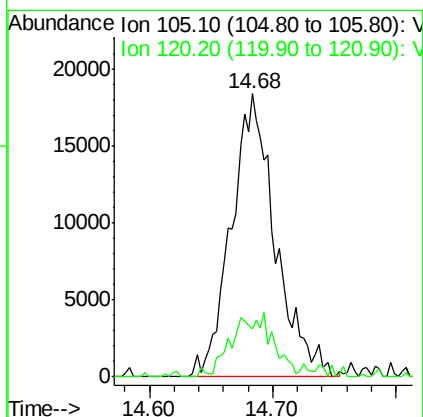
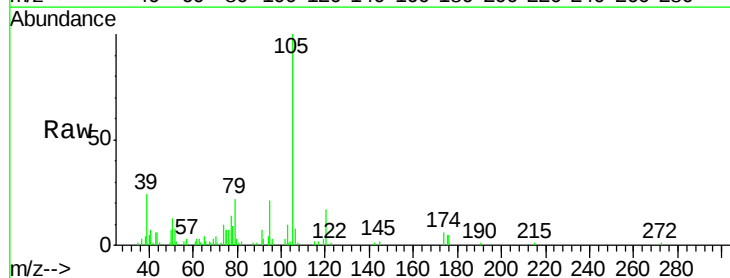
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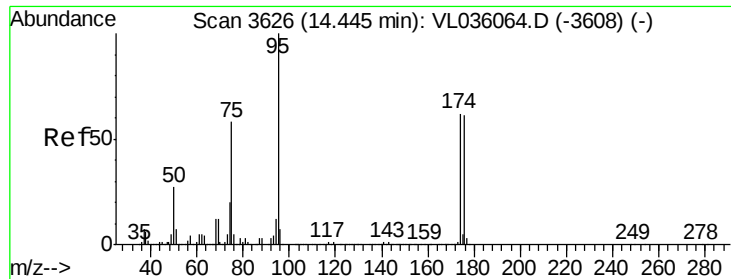
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#62
Isopropylbenzene
Concen: 0.133 ppbv m
RT: 14.68 min Scan# 3700
Delta R.T. -0.01 min
Lab File: VL036117.D
Acq: 9 Dec 2020 5:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	23.2	20.1	30.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.674 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T. -0.02 min
 Lab File: VL036117.D
 Acq: 9 Dec 2020 5:28

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1BDL

Tot Ion: 95 Resp: 1812240
 Ion Ratio Lower Upper
 95 100
 174 57.3 50.7 76.1
 175 4.2 4.0 6.0

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