

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111220\
 Data File : VL035911.D
 Acq On : 12 Nov 2020 13:08
 Operator : SY/AP
 Sample : L4618-05DL 4X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-2DL

Manual Integrations
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Quant Time: Nov 14 21:22:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	845580	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3254662	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3547461	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2629513	10.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	231347m	6.242	ppbv	
13) Ethanol	3.62	45	6624202	823.850	ppbv	96
15) Acetone	3.85	43	804919	8.904	ppbv	99
20) Methylene Chloride	4.34	84	319138	5.015	ppbv	96
26) Hexane	5.68	57	382651	3.896	ppbv #	44
52) Tetrachloroethene	11.22	164	13604m	0.119	ppbv	
53) Toluene	9.81	91	116524	0.399	ppbv	94

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

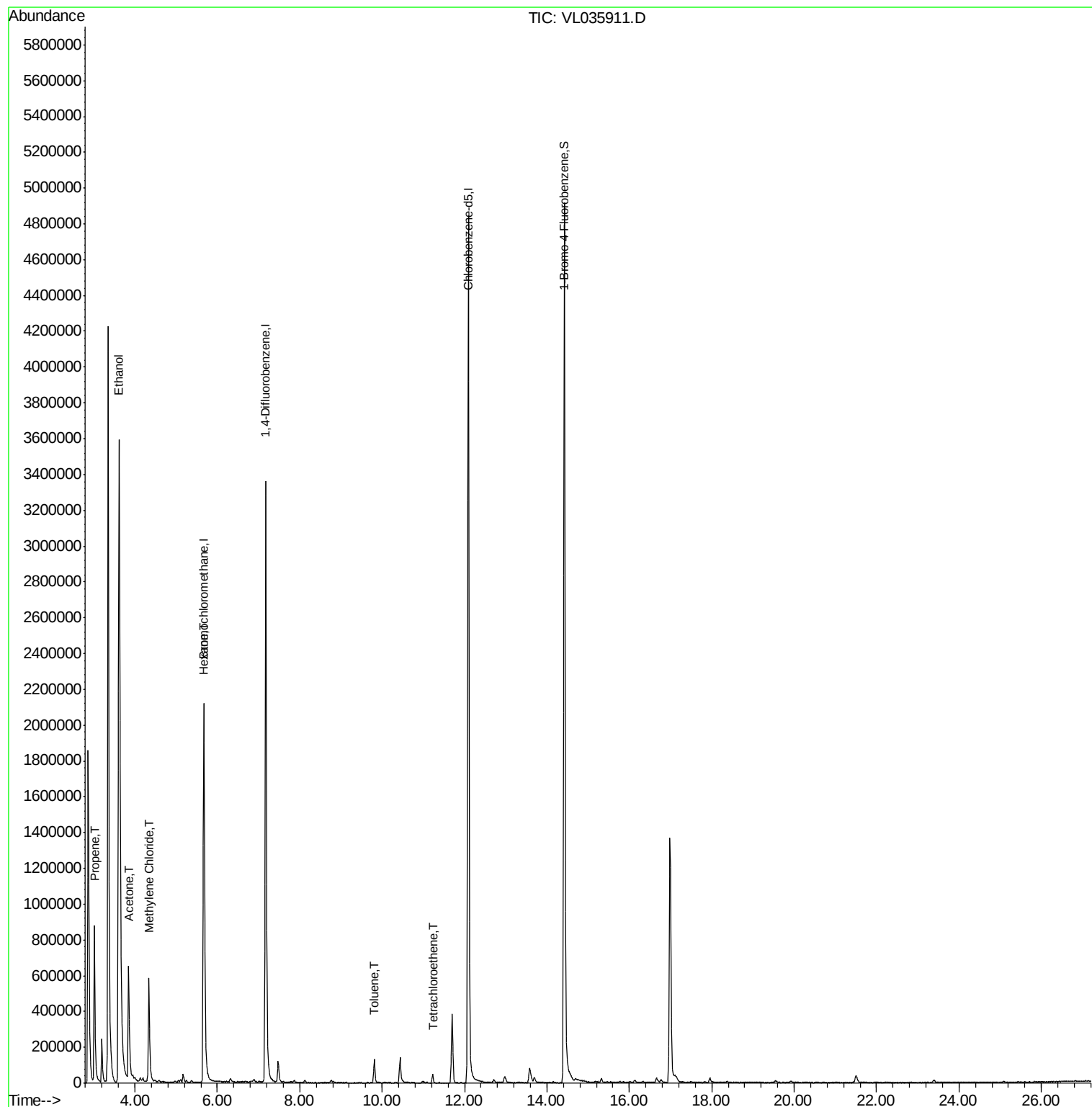
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111220\
Data File : VL035911.D
Acq On : 12 Nov 2020 13:08
Operator : SY/AP
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Misc : 400ml/MSVOA L
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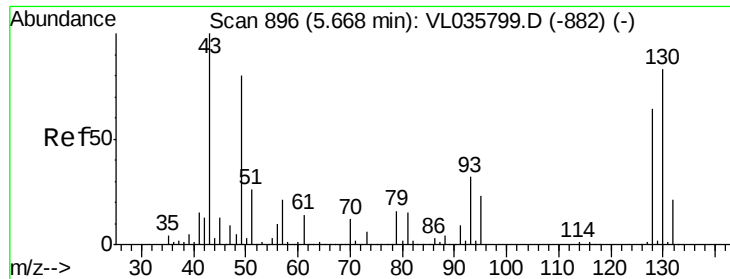
Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.00 min

Lab File: VL035911.D

Acq: 12 Nov 2020 13:08

Instrument :

MSVOA_L

ClientSampleId :

SSSG-2DL

Tot Ion: 49 Resp: 845580

Ion Ratio Lower Upper

49 100

128 78.7 41.5 124.6

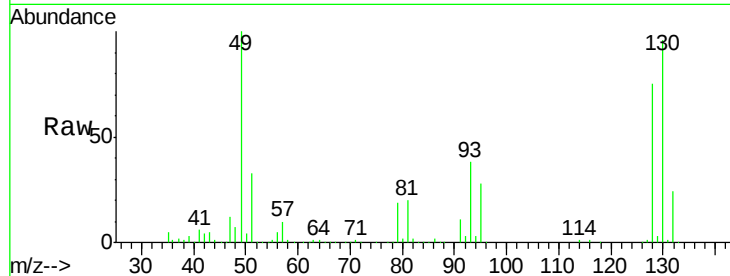
130 99.9 53.7 161.1

Manual Integrations

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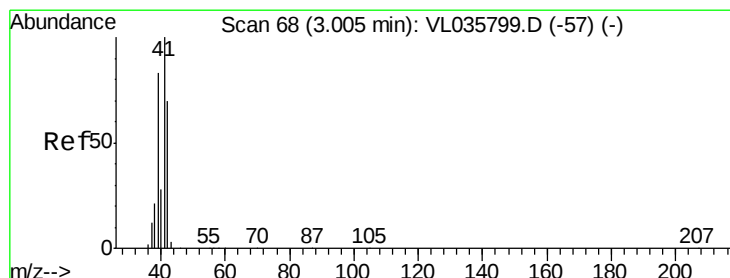
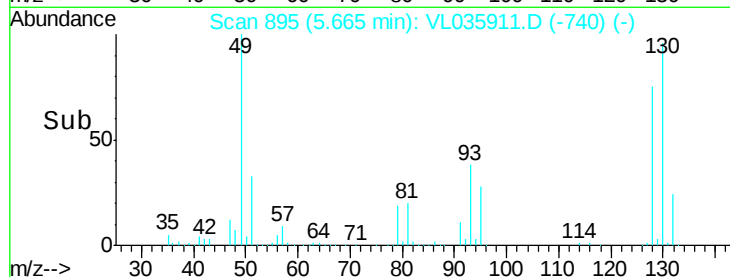
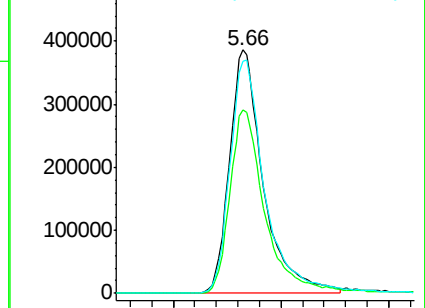
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 6.242 ppbv m

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL035911.D

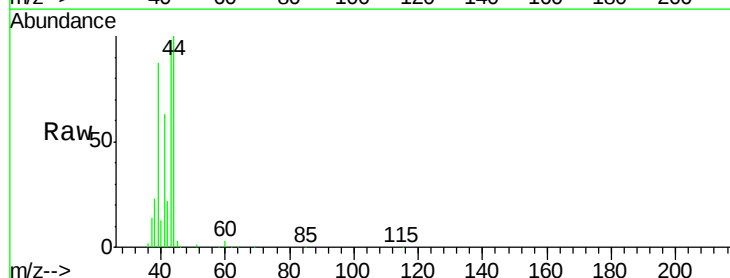
Acq: 12 Nov 2020 13:08

Tgt Ion: 41 Resp: 231347

Ion Ratio Lower Upper

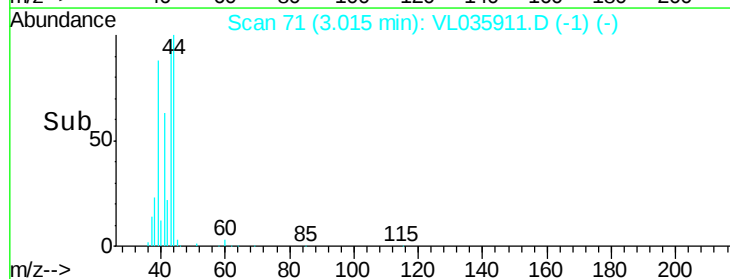
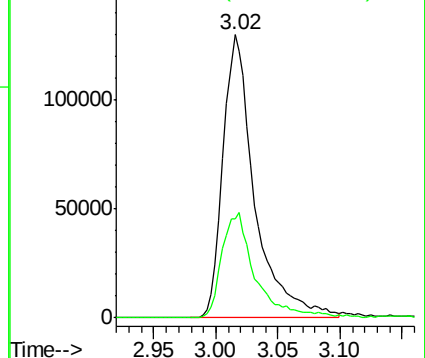
41 100

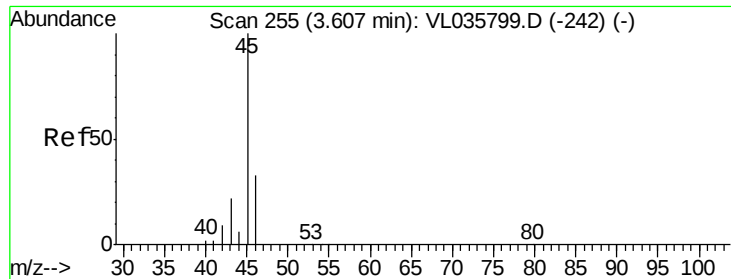
42 23.6 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





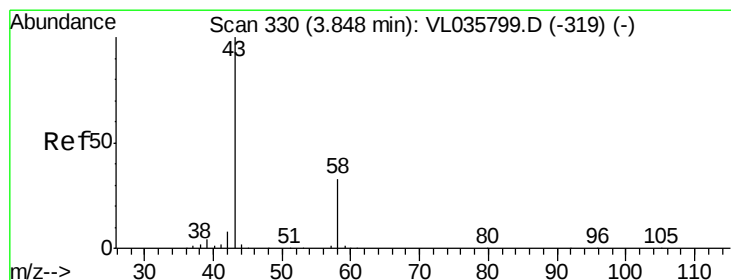
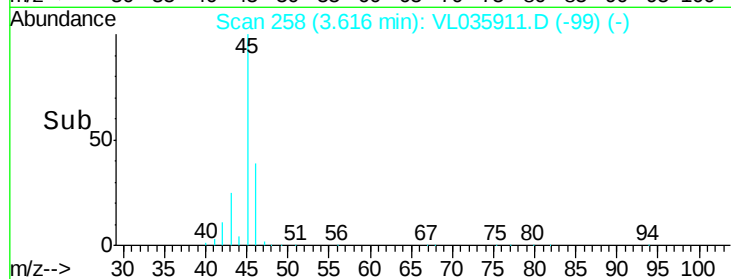
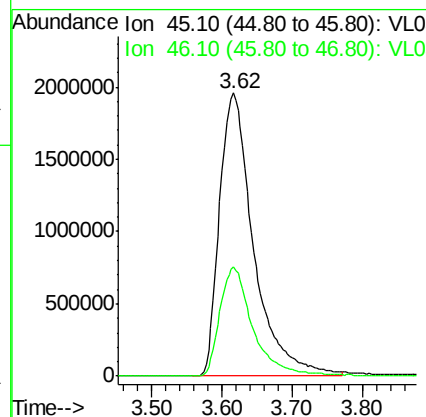
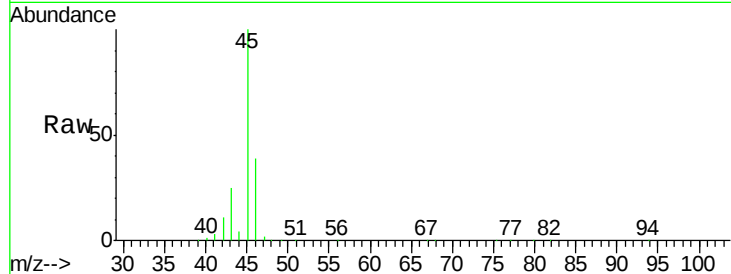
#13
Ethanol
Concen: 823.850 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.01 min
Lab File: VL035911.D
Acq: 12 Nov 2020 13:08

Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DL

Tot Ion: 45 Resp: 6624202
Ion Ratio Lower Upper
45 100
46 37.6 16.1 64.5

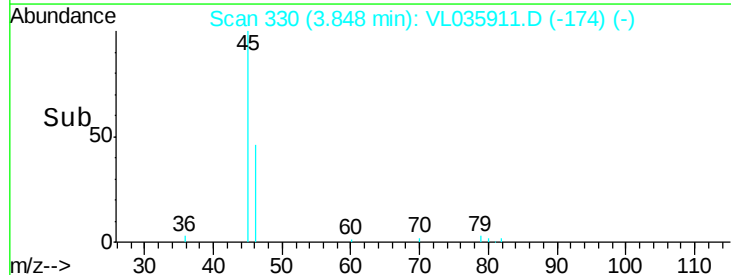
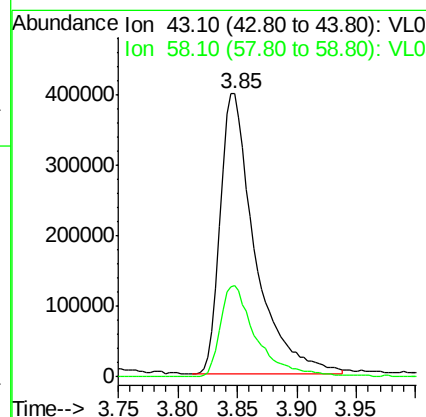
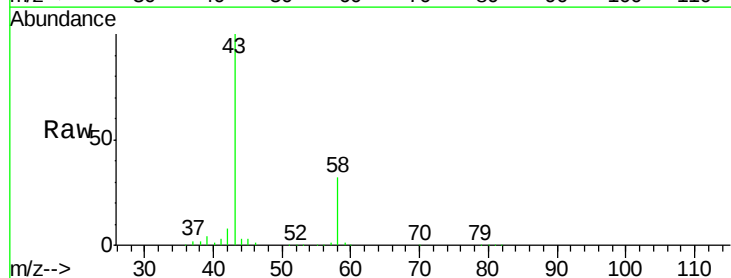
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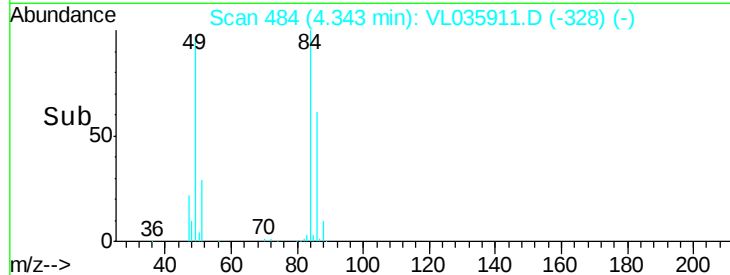
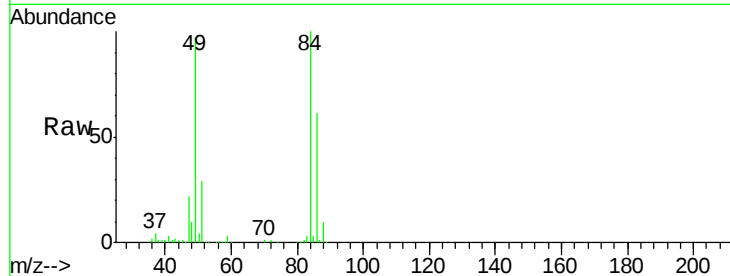
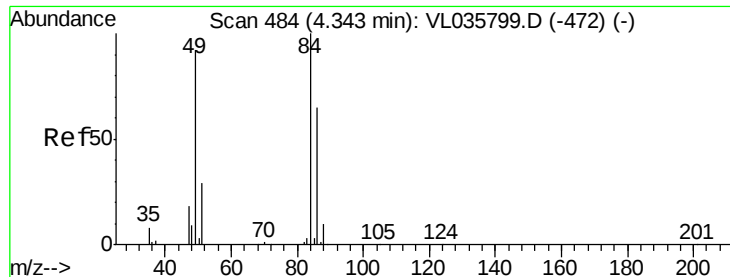
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#15
Acetone
Concen: 8.904 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.00 min
Lab File: VL035911.D
Acq: 12 Nov 2020 13:08

Tgt Ion: 43 Resp: 804919
Ion Ratio Lower Upper
43 100
58 35.0 27.5 41.3





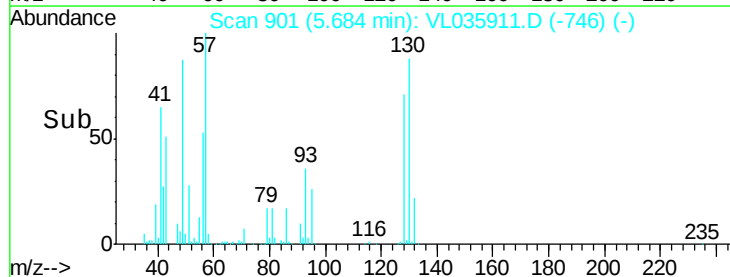
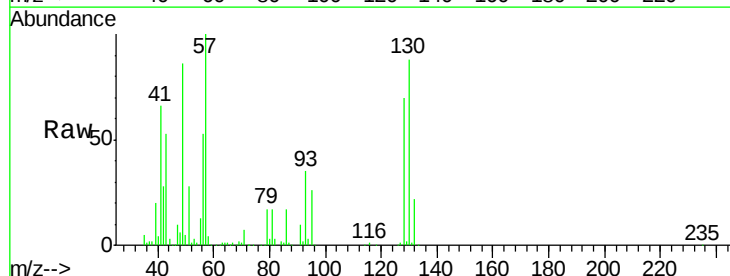
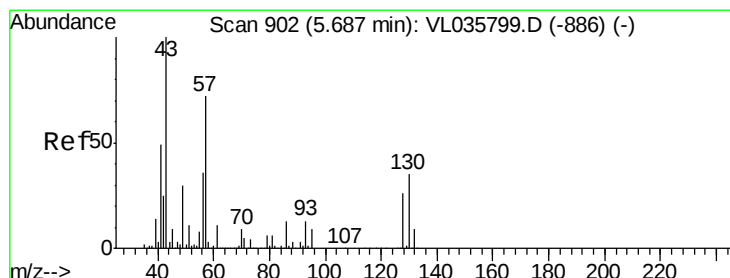
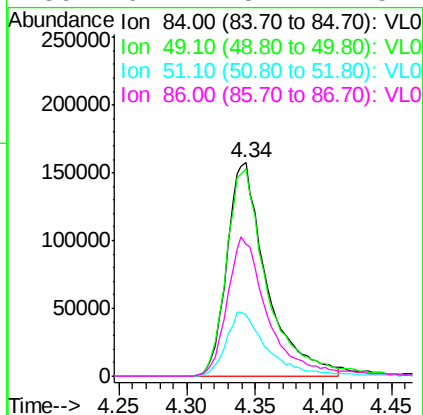
#20
Methvlene Chloride
Concen: 5.015 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL035911.D
Acq: 12 Nov 2020 13:08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
84	100				
49	96.9	73.8	110.8		
51	28.8	23.0	34.4		
86	61.4	52.1	78.1		

Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DL

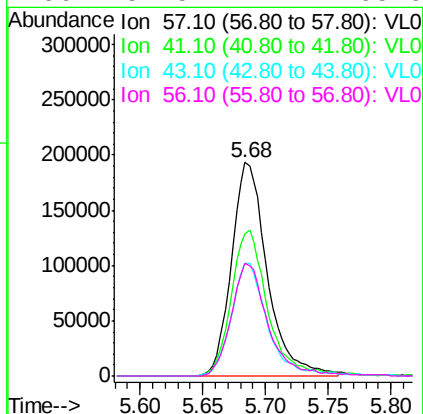
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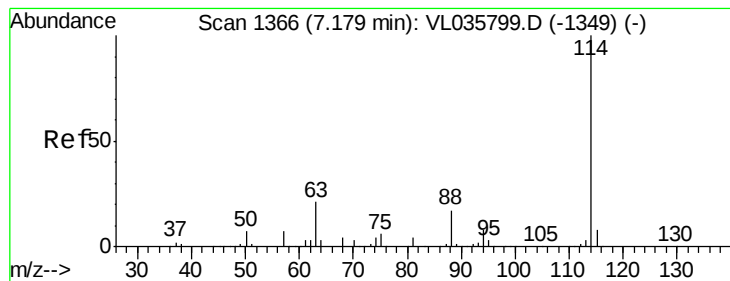
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#26
Hexane
Concen: 3.896 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL035911.D
Acq: 12 Nov 2020 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
57	100				
41	70.0	58.9	88.3		
43	54.3	150.2	225.2#		
56	54.5	42.4	63.6		





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VL035911.D

Acq: 12 Nov 2020 13:08

Instrument :

MSVOA_L

ClientSampleId :

SSSG-2DL

Tot Ion:114 Resp: 3254662

Ion Ratio Lower Upper

114 100

63 20.0 16.1 24.1

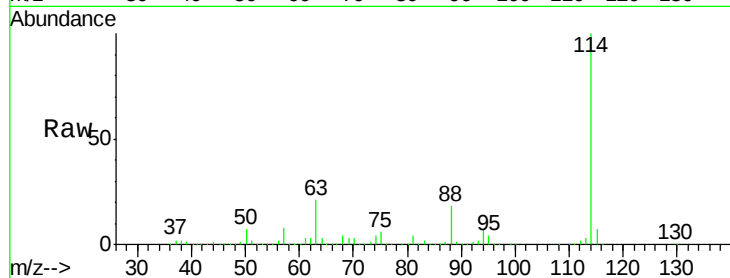
88 16.9 13.7 20.5

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Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): V

Ion 88.10 (87.80 to 88.80): V

2000000

1500000

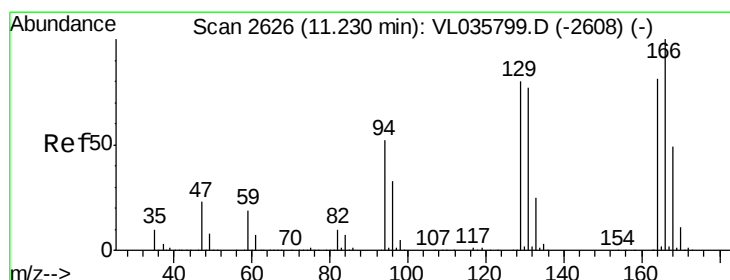
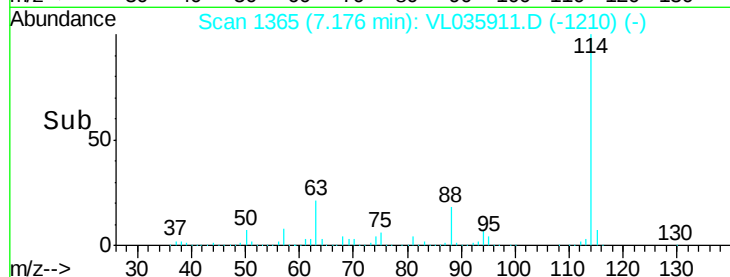
1000000

500000

0

7.10 7.20 7.30

Time-->



#52

Tetrachloroethene

Concen: 0.119 ppbv m

RT: 11.22 min Scan# 2624

Delta R.T. -0.01 min

Lab File: VL035911.D

Acq: 12 Nov 2020 13:08

Tgt Ion:164 Resp: 13604

Ion Ratio Lower Upper

164 100

166 113.6 99.3 148.9

129 88.8 79.3 118.9

131 103.4 76.5 114.7

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

12000

10000

8000

6000

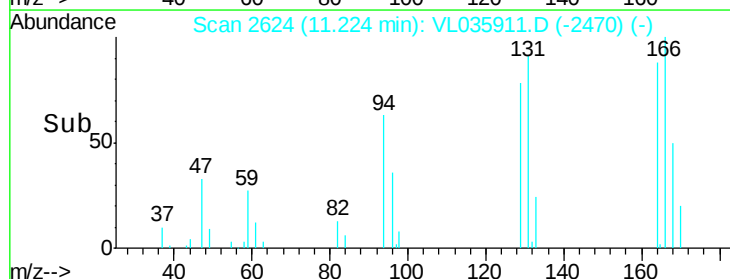
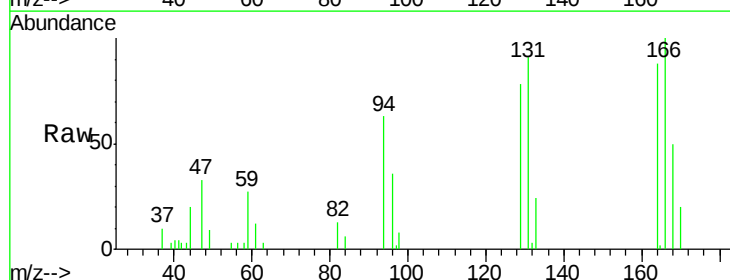
4000

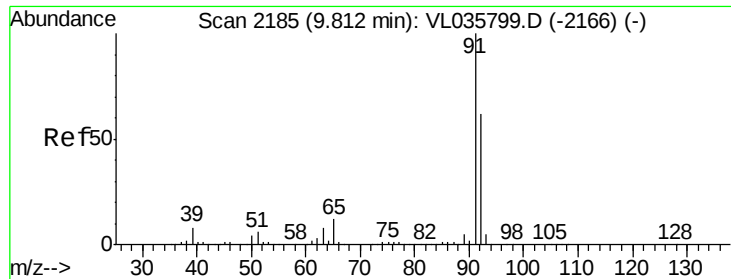
2000

0

11.20 11.30

Time-->





#53

Toluene

Concen: 0.399 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: VL035911.D

Acq: 12 Nov 2020 13:08

Instrument :

MSVOA_L

ClientSampleId :

SSSG-2DL

Tot Ion: 91 Resp: 116524

Ion Ratio Lower Upper

91 100

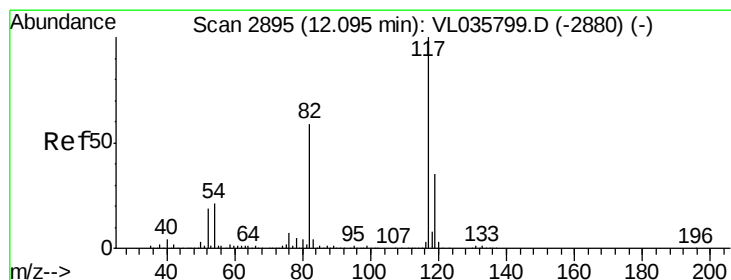
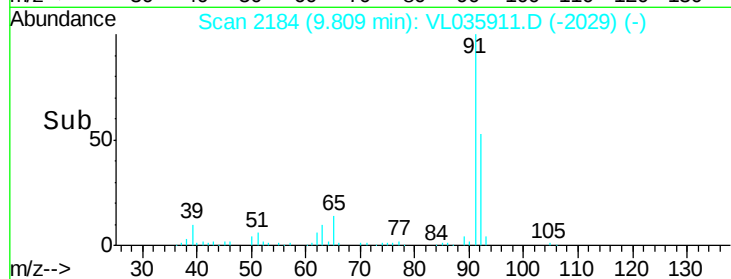
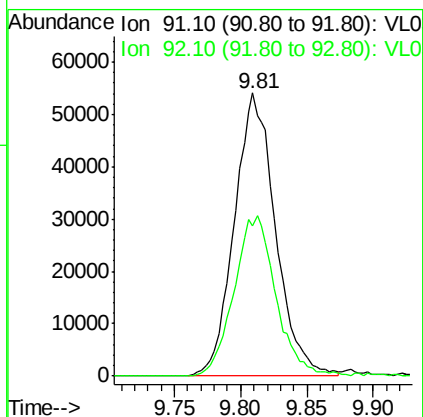
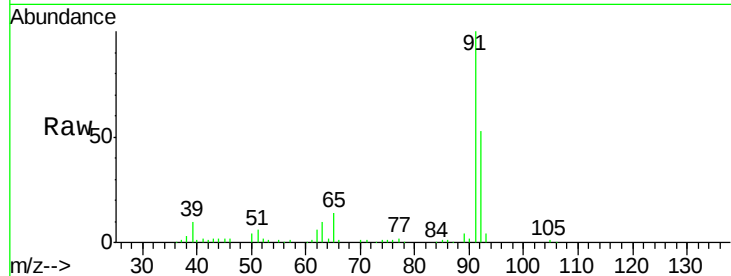
92 57.5 49.8 74.6

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2894

Delta R.T. -0.00 min

Lab File: VL035911.D

Acq: 12 Nov 2020 13:08

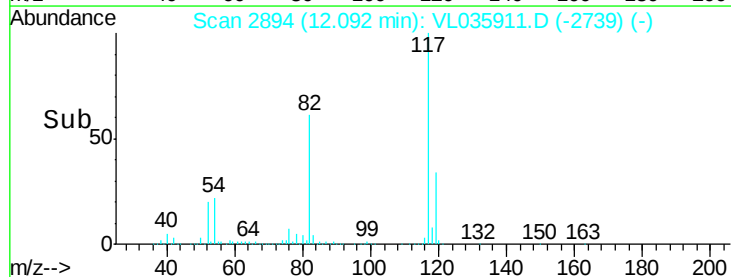
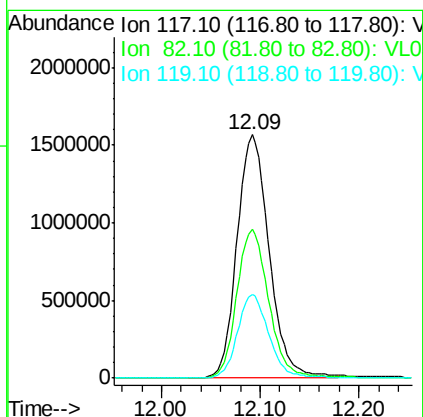
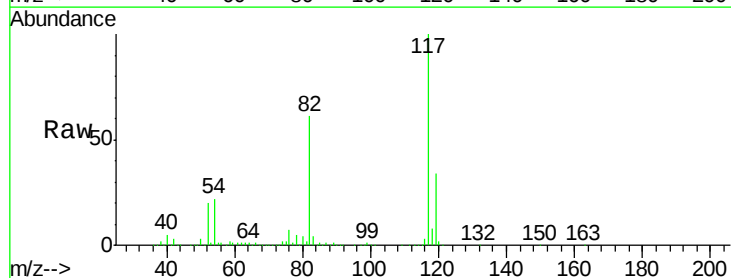
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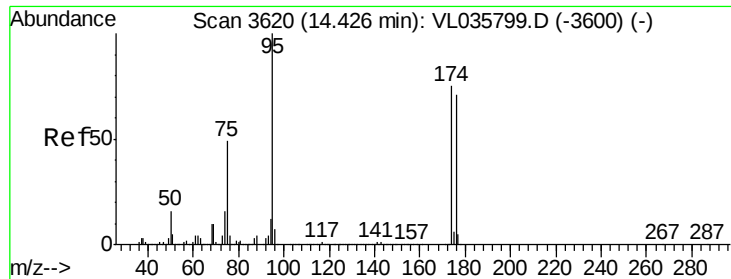
Ion Ratio Lower Upper

117 100

82 61.6 50.6 76.0

119 33.9 52.6 78.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.433 ppbv
 RT: 14.42 min Scan# 3619
 Delta R.T. -0.00 min
 Lab File: VL035911.D
 Acq: 12 Nov 2020 13:08

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-2DL

Tot Ion:	95	Resp:	2629513
Ion Ratio	Lower	Upper	
95	100		
174	71.5	59.8	89.6
175	5.1	4.3	6.5

Manual Integrations
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