

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091720\
 Data File : VL035667.D
 Acq On : 17 Sep 2020 21:59
 Operator : SY/AP
 Sample : L3983-04DL 200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-12DL

Manual Integrations
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Quant Time: Sep 18 05:02:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1136278	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4407364	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4368512	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3204004	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	61133	1.262	ppbv	93
15) Acetone	3.86	43	349829	2.791	ppbv	95
34) 2-Butanone	5.27	43	33695	0.258	ppbv	100
50) 4-Methyl-2-Pentanone	8.77	43	146798	0.775	ppbv	94
52) Tetrachloroethene	11.24	164	1739842	10.439	ppbv	96
53) Toluene	9.81	91	37242m	0.104	ppbv	
59) m/p-Xylene	12.99	91	45066m	0.120	ppbv	

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

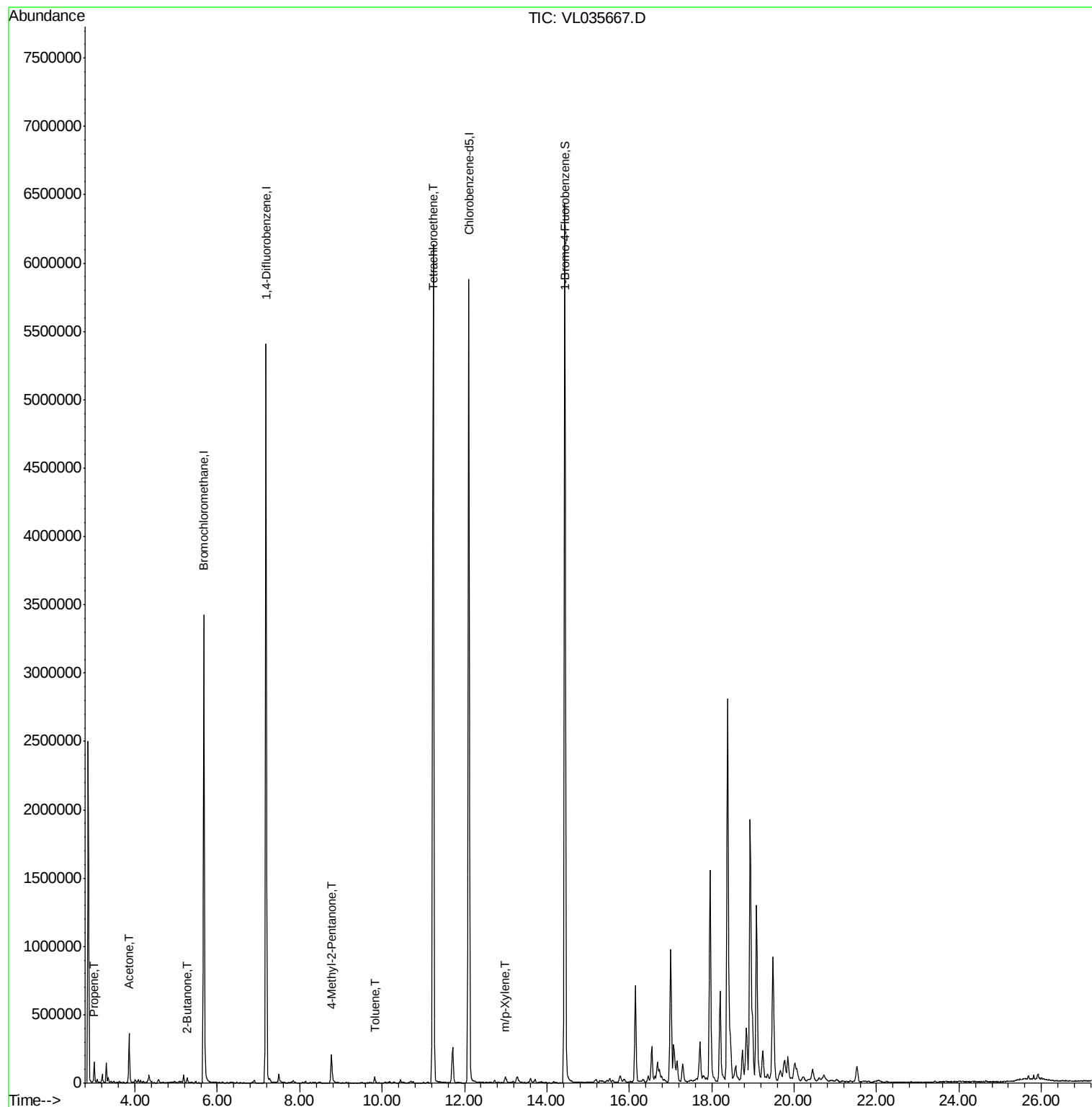
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091720\
Data File : VL035667.D
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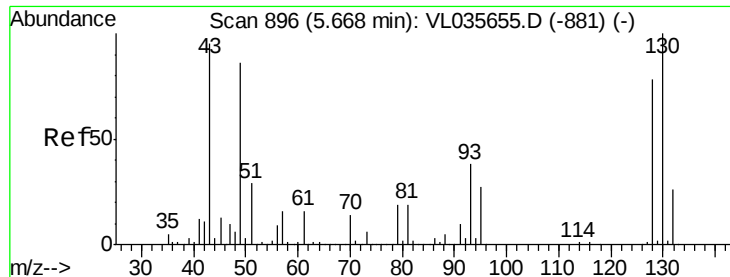
Instrument :
MSVOA_L
ClientSampleId :
SV-12DL

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Quant Time: Sep 18 05:02:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
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QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration





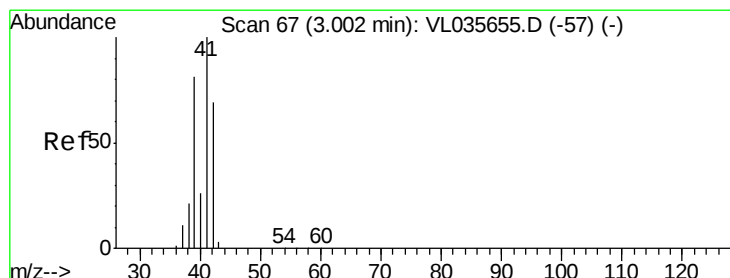
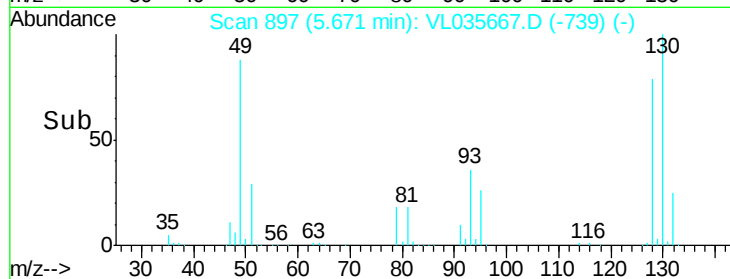
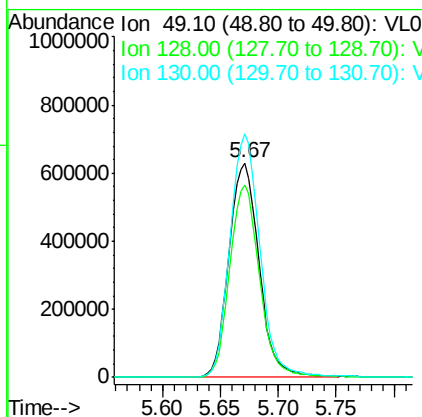
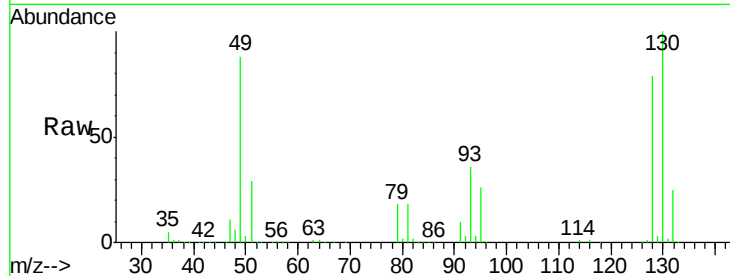
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL035667.D
Acq: 17 Sep 2020 21:59

Instrument :
MSVOA_L
ClientSampleId :
SV-12DL

Tot Ion: 49 Resp: 1136278
Ion Ratio Lower Upper
49 100
128 88.8 50.0 150.1
130 113.5 64.4 193.2

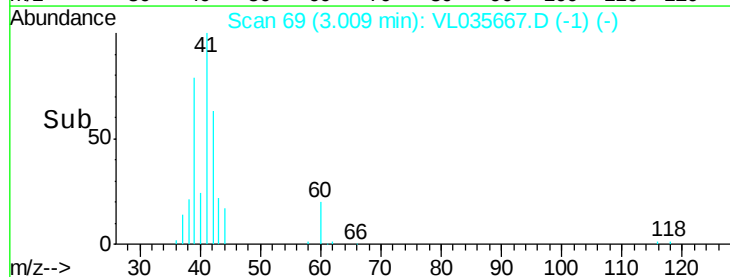
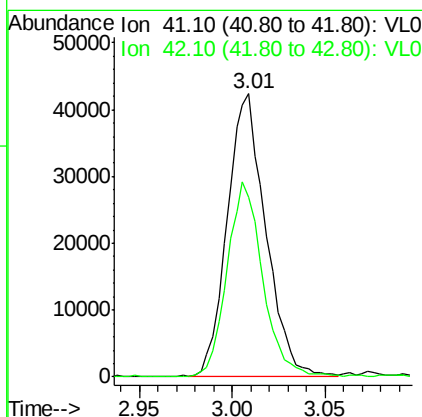
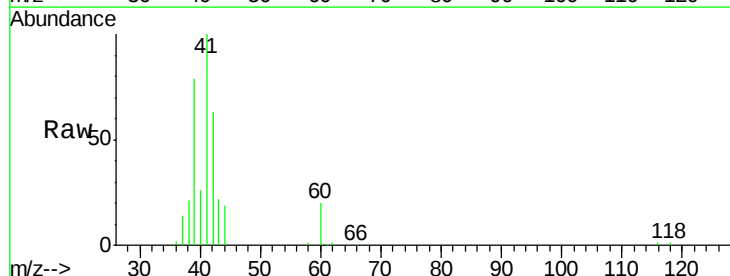
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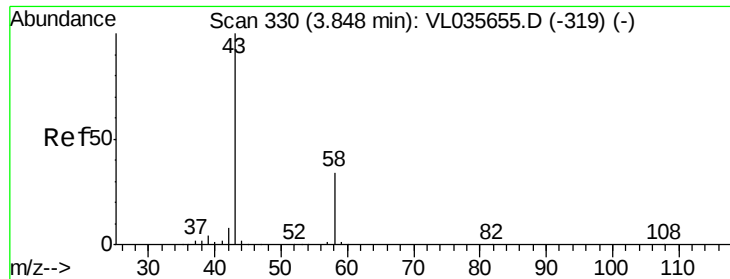
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#9
Propene
Concen: 1.262 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.01 min
Lab File: VL035667.D
Acq: 17 Sep 2020 21:59

Tgt Ion: 41 Resp: 61133
Ion Ratio Lower Upper
41 100
42 64.6 56.3 84.5





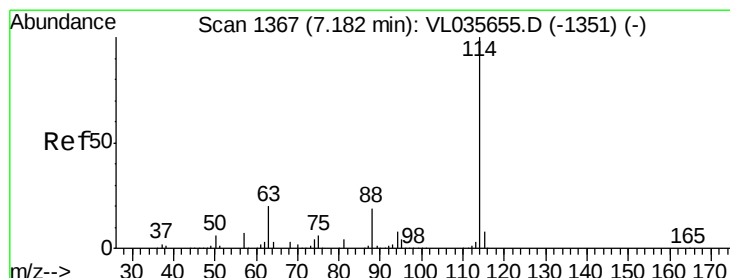
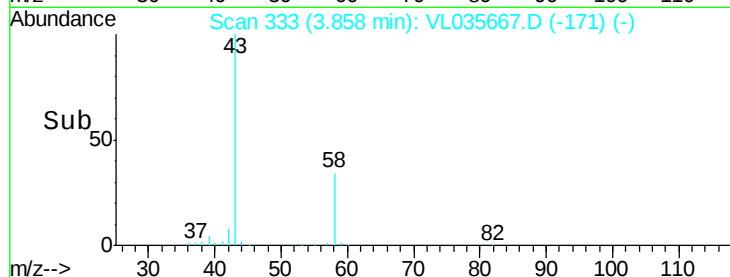
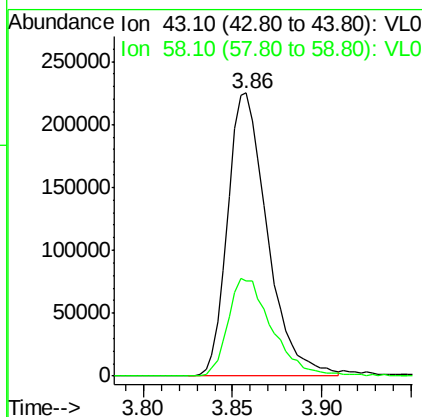
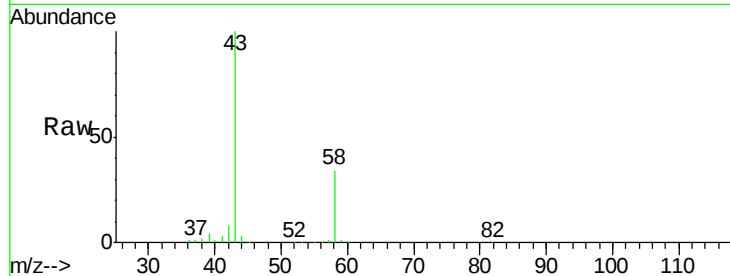
#15
Acetone
Concen: 2.791 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.02 min
Lab File: VL035667.D
Acq: 17 Sep 2020 21:59

Instrument :
MSVOA_L
ClientSampled :
SV-12DL

Tot Ion	43	58	Ratio	Lower	Upper
349829	100	38.4		28.4	42.6

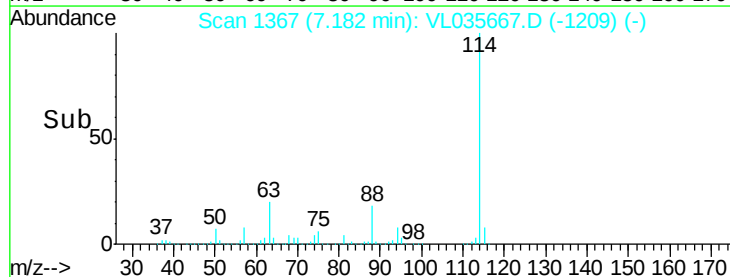
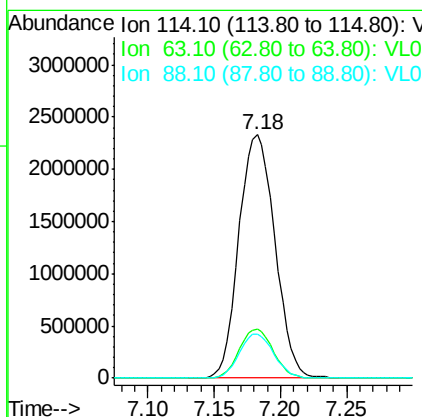
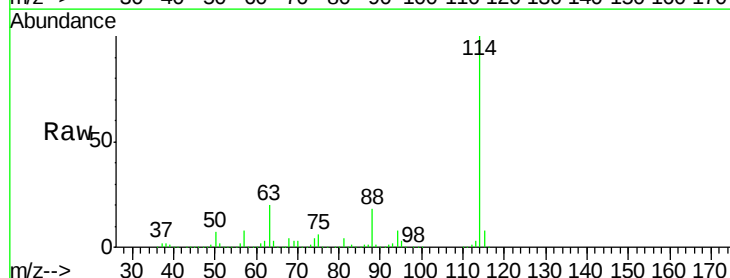
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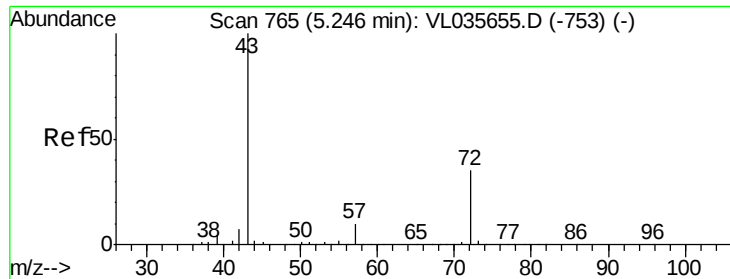
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VL035667.D
Acq: 17 Sep 2020 21:59

Tgt Ion	114	63	88	Ratio	Lower	Upper
4407364	100	19.3	17.4		14.7	22.1





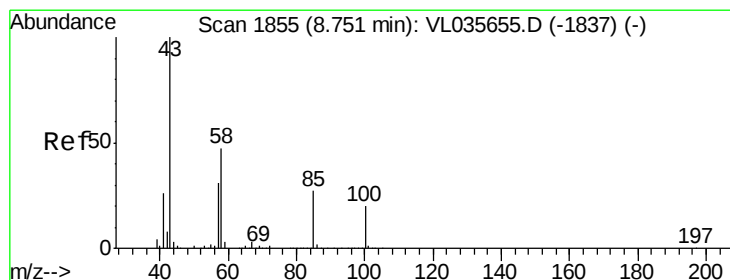
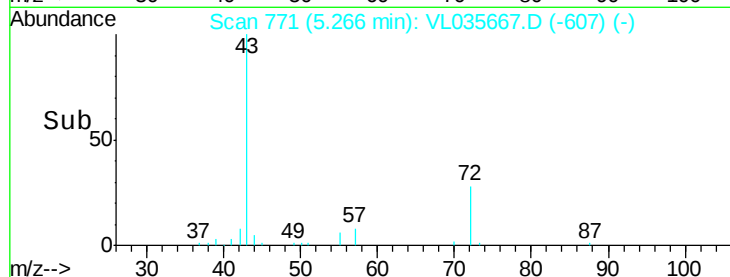
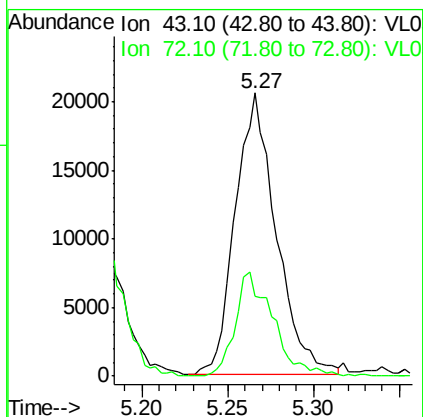
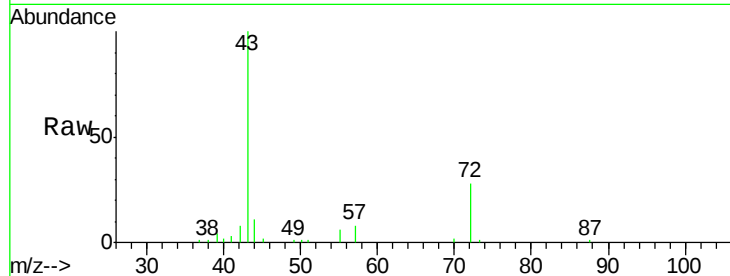
#34
 2-Butanone
 Concen: 0.258 ppbv
 RT: 5.27 min Scan# 771
 Delta R.T. 0.03 min
 Lab File: VL035667.D
 Acq: 17 Sep 2020 21:59

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-12DL

Tot Ion: 43 Resp: 33695
 Ion Ratio Lower Upper
 43 100
 72 34.5 27.7 41.5

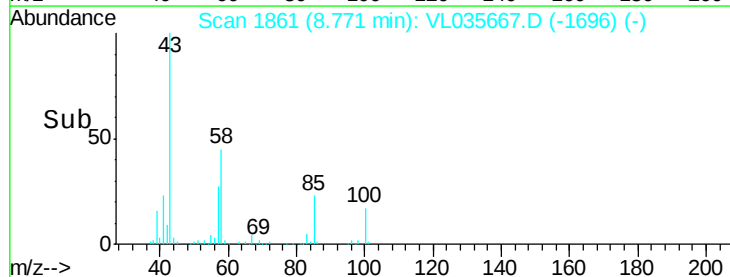
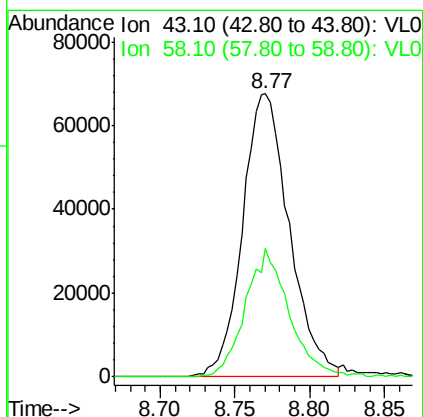
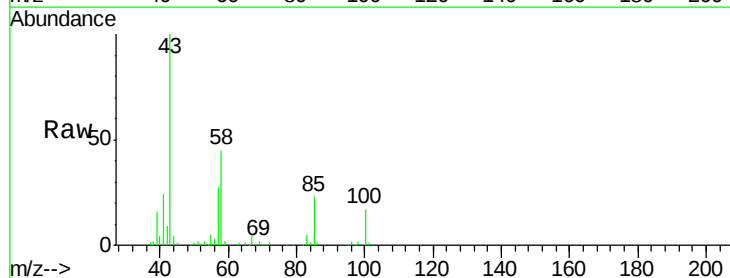
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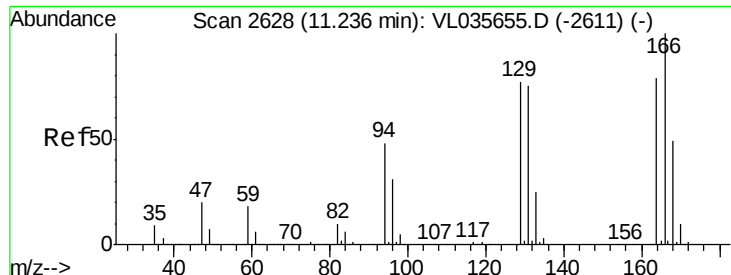
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#50
 4-Methyl-2-Pentanone
 Concen: 0.775 ppbv
 RT: 8.77 min Scan# 1861
 Delta R.T. 0.03 min
 Lab File: VL035667.D
 Acq: 17 Sep 2020 21:59

Tgt Ion: 43 Resp: 146798
 Ion Ratio Lower Upper
 43 100
 58 42.9 37.4 56.0





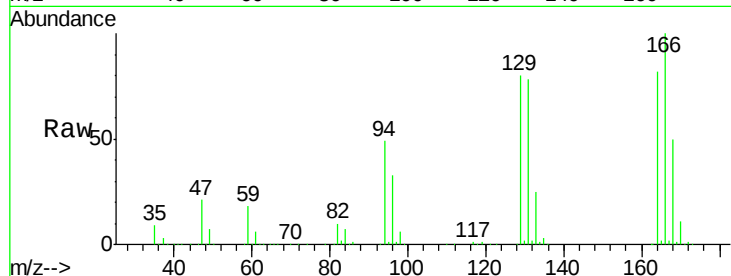
#52
Tetrachloroethene
Concen: 10.439 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL035667.D
Acq: 17 Sep 2020 21:59

Instrument :
MSVOA_L
ClientSampleId :
SV-12DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	122.7	100.9	151.3
129	98.5	75.3	112.9
131	95.8	73.0	109.4

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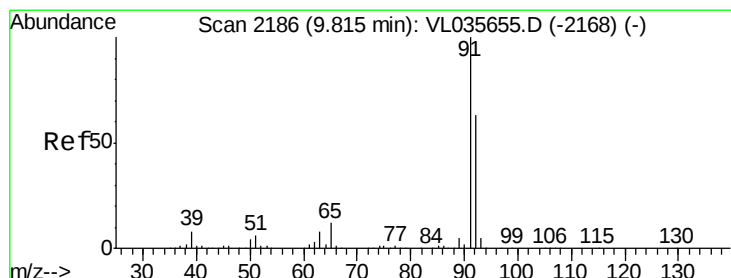
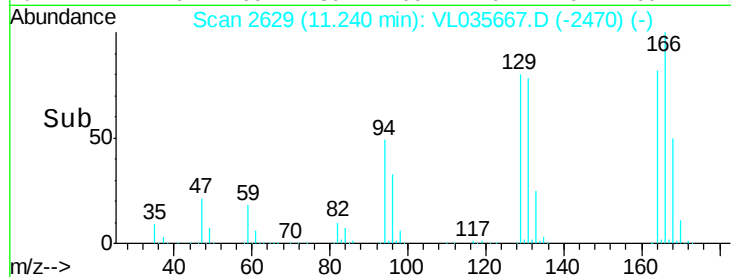
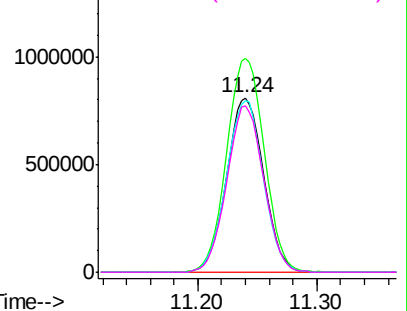
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

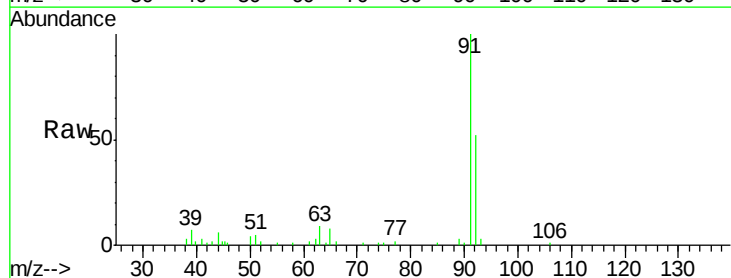
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53
Toluene
Concen: 0.104 ppbv m
RT: 9.81 min Scan# 2185
Delta R.T. 0.00 min
Lab File: VL035667.D
Acq: 17 Sep 2020 21:59

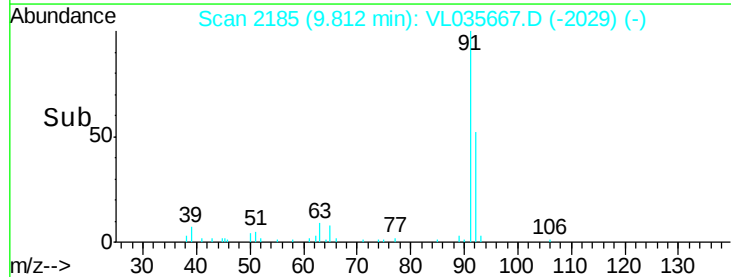
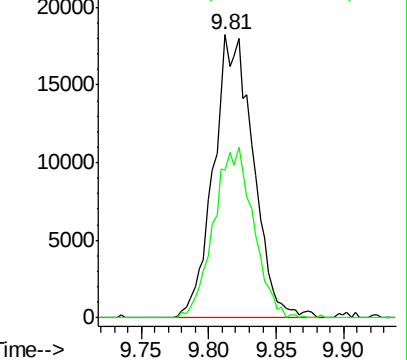
Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.2	49.8	74.8

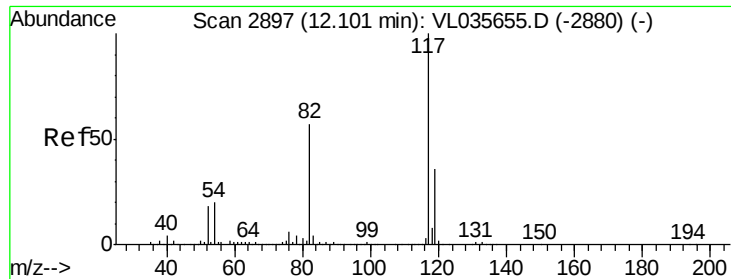


Abundance

Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. 0.01 min

Lab File: VL035667.D

Acq: 17 Sep 2020 21:59

Instrument :

MSVOA_L

ClientSampleId :

SV-12DL

Tot Ion:117 Resp: 4368512

Ion Ratio Lower Upper

117 100

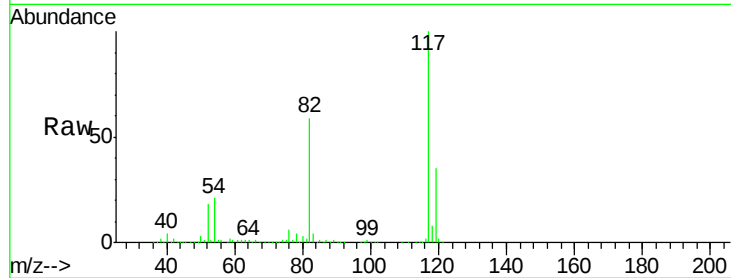
82 57.1 41.6 62.4

119 34.7 29.3 43.9

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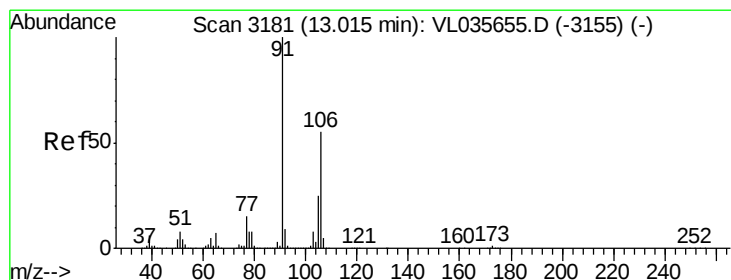
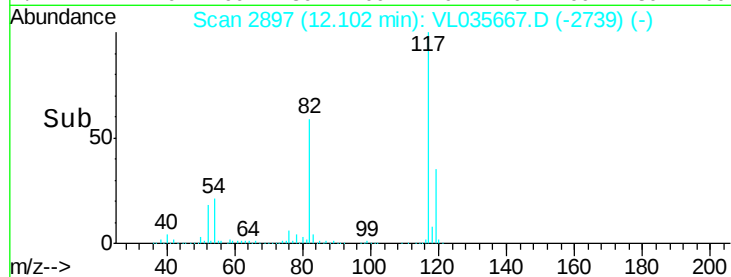
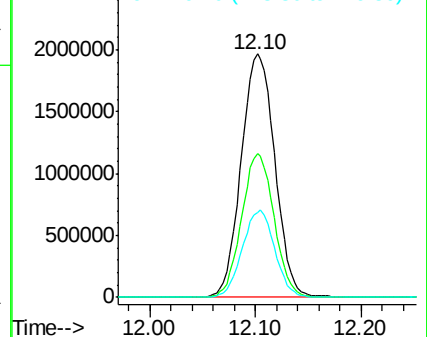
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#59

m/p-Xylene

Concen: 0.120 ppbv m

RT: 12.99 min Scan# 3172

Delta R.T. -0.02 min

Lab File: VL035667.D

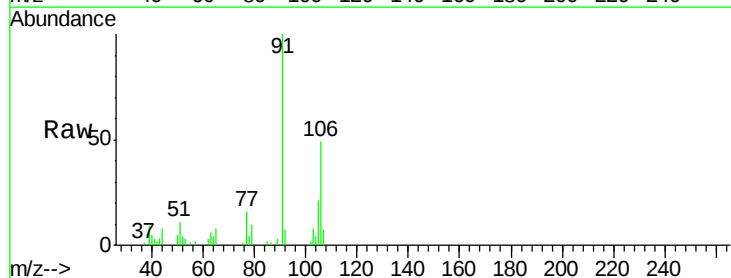
Acq: 17 Sep 2020 21:59

Tgt Ion: 91 Resp: 45066

Ion Ratio Lower Upper

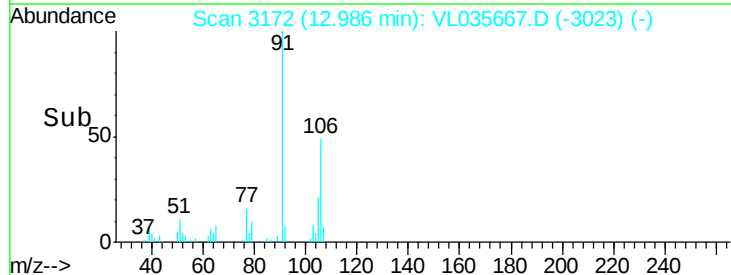
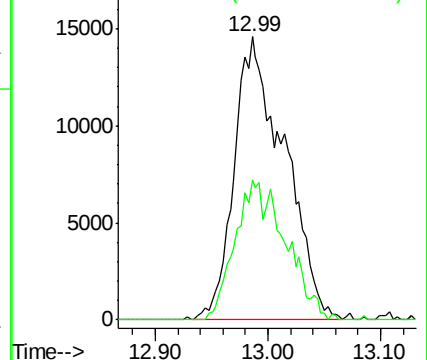
91 100

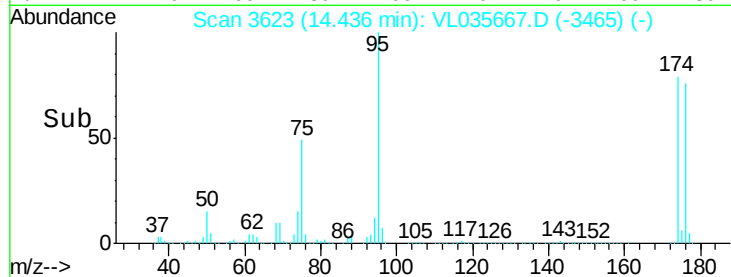
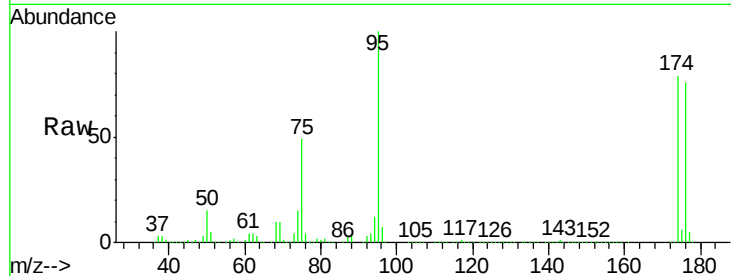
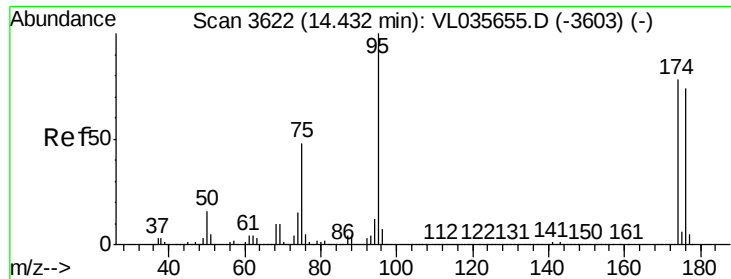
106 0.0 43.4 65.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.328 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.01 min

Lab File: VL035667.D

Acq: 17 Sep 2020 21:59

Instrument :

MSVOA_L

ClientSampleId :

SV-12DL

Tot Ion: 95 Resp: 3204004

Ion Ratio Lower Upper

95 100

174 78.3 69.6 104.4

175 5.7 5.1 7.7

Manual Integrations

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