

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035879.D
 Acq On : 6 Nov 2020 3:45
 Operator : SY/AP
 Sample : L4618-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-1DL

Manual Integrations
 APPROVED

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 11/9/2020 10:48:17 AM

Quant Time: Nov 08 18:52:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 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	5.65	49	1096783	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	4053808	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3751894	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2728052	10.23	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	17748m	0.369	ppbv	
15) Acetone	3.83	43	5052838	43.092	ppbv	98
36) Benzene	6.87	78	29241	0.097	ppbv #	88
53) Toluene	9.78	91	4070124	11.193	ppbv	100
62) Isopropylbenzene	14.65	105	275465	0.466	ppbv	95

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

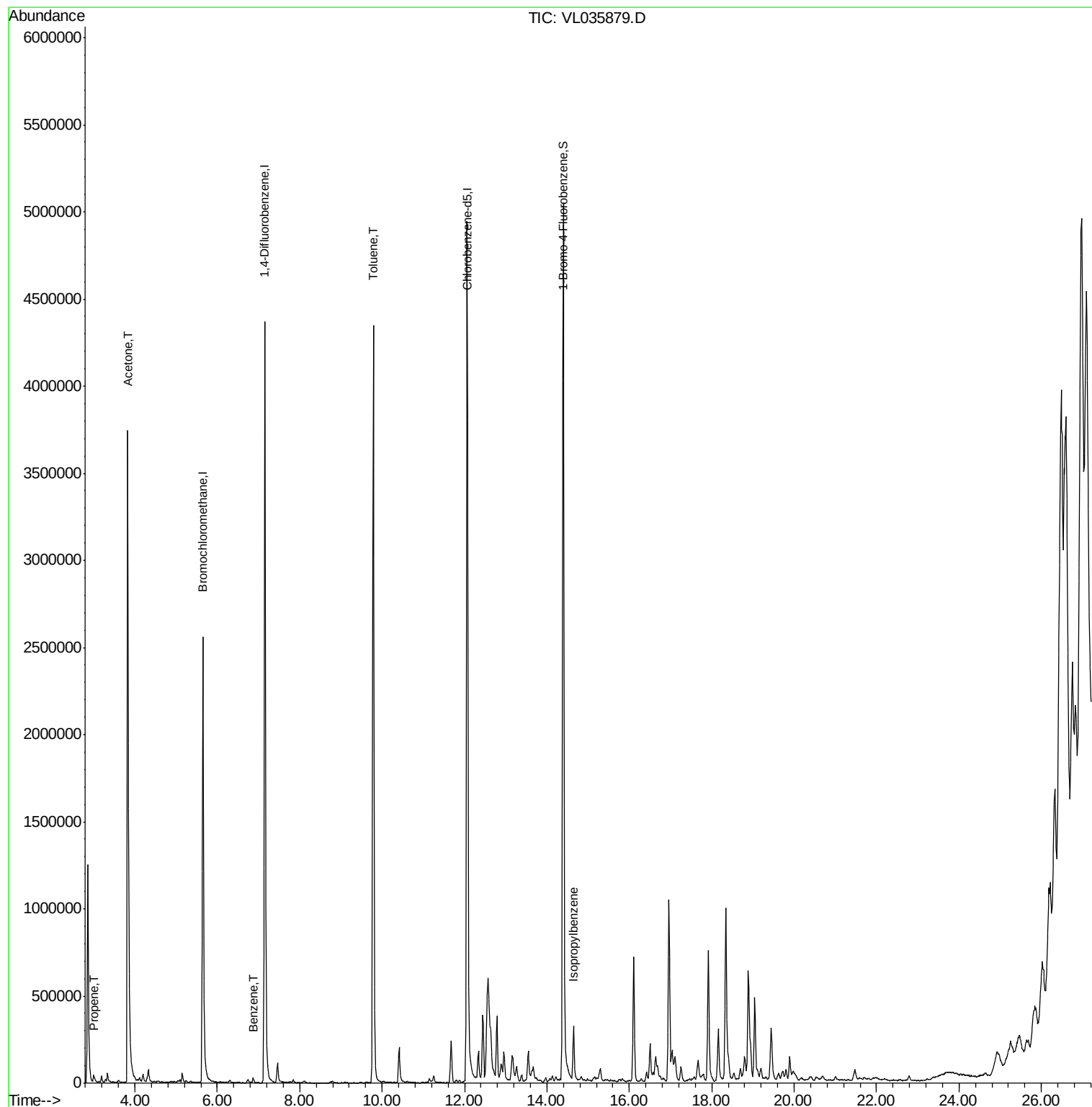
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110520\
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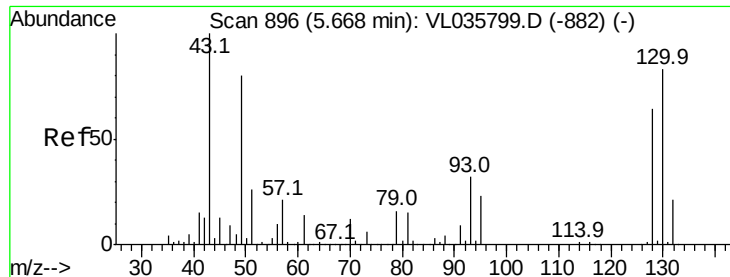
Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
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QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035879.D

Acq: 6 Nov 2020 3:45

Instrument :

MSVOA_L

ClientSampleId :

SSSG-1DL

Tot Ion: 49 Resp: 1096783

Ion Ratio Lower Upper

49 100

128 79.1 41.5 124.6

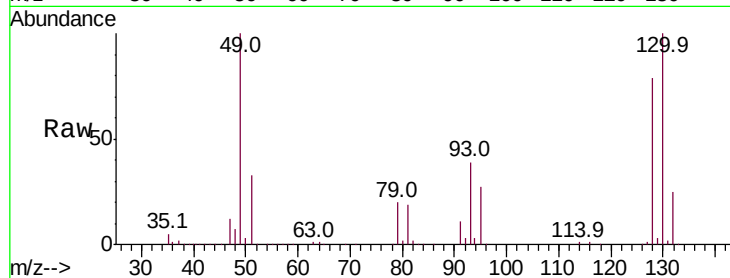
130 101.9 53.7 161.1

Manual Integrations

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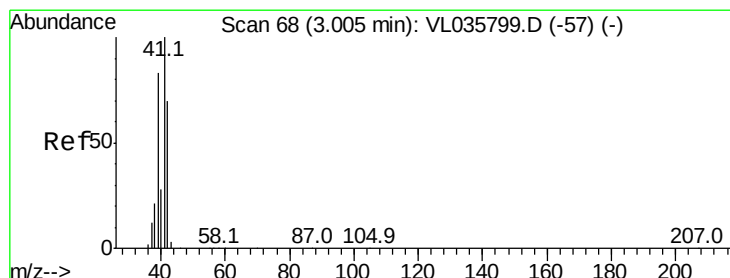
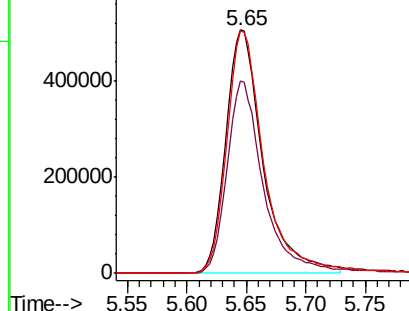
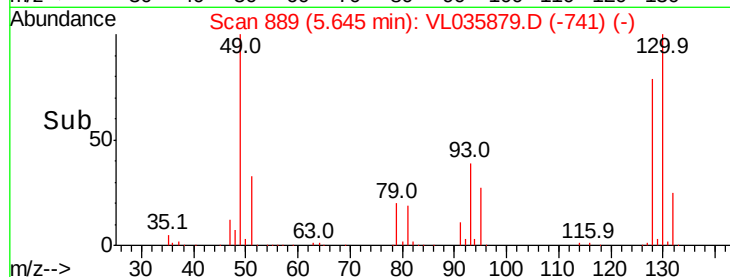
11/9/2020 10:48:17 AM



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: 0.369 ppbv m

RT: 2.99 min Scan# 64

Delta R.T. -0.01 min

Lab File: VL035879.D

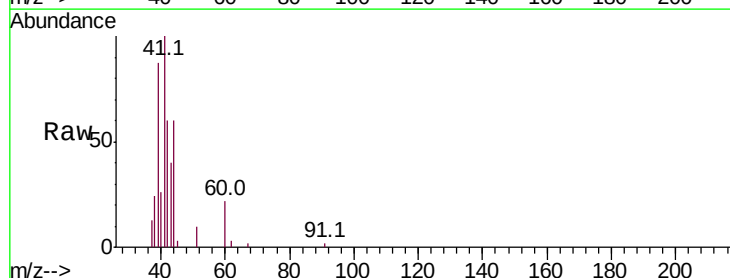
Acq: 6 Nov 2020 3:45

Tgt Ion: 41 Resp: 17748

Ion Ratio Lower Upper

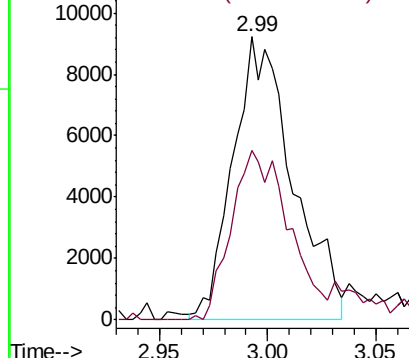
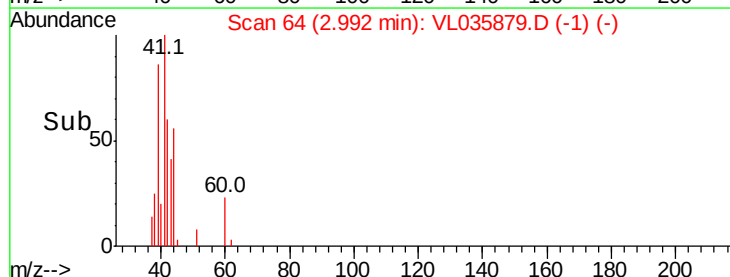
41 100

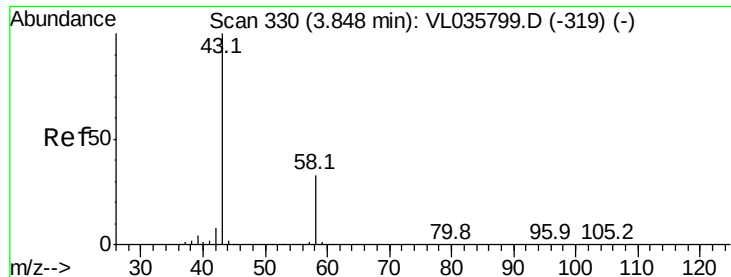
42 68.5 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 43.092 ppbv

RT: 3.83 min Scan# 323

Delta R.T. -0.02 min

Lab File: VL035879.D

Acq: 6 Nov 2020 3:45

Instrument :

MSVOA_L

ClientSampleId :

SSSG-1DL

Tot Ion: 43 Resp: 5052838

Ion Ratio Lower Upper

43 100

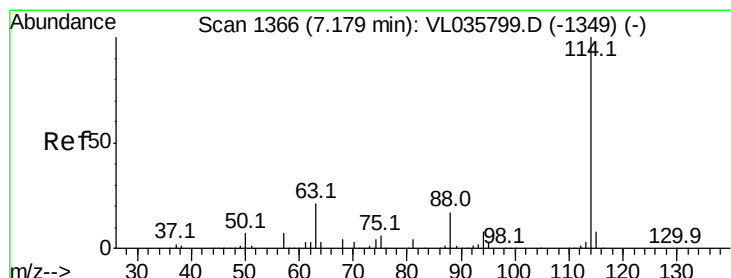
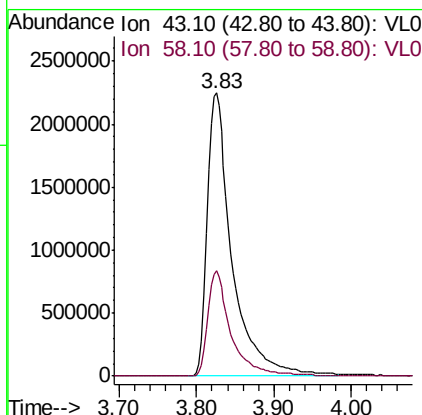
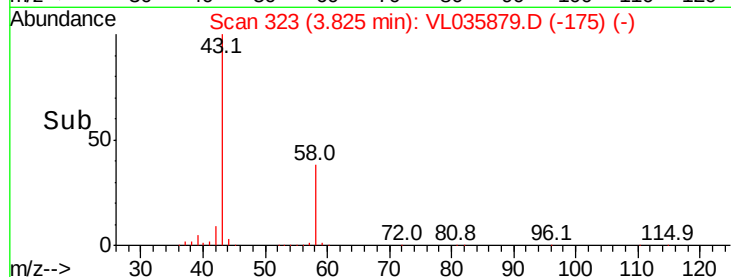
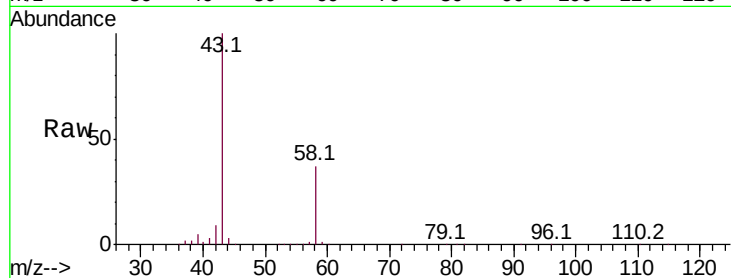
58 35.3 27.5 41.3

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.03 min

Lab File: VL035879.D

Acq: 6 Nov 2020 3:45

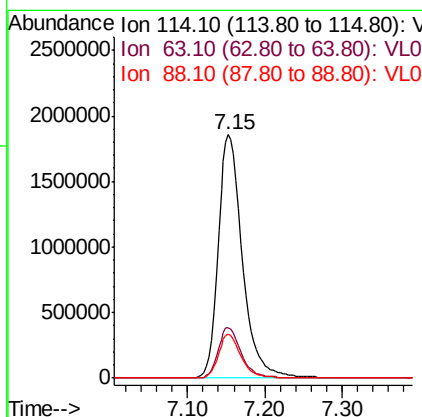
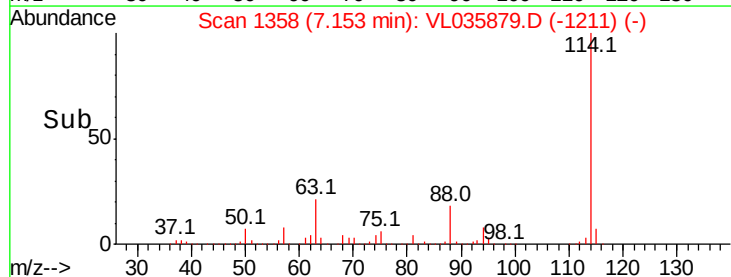
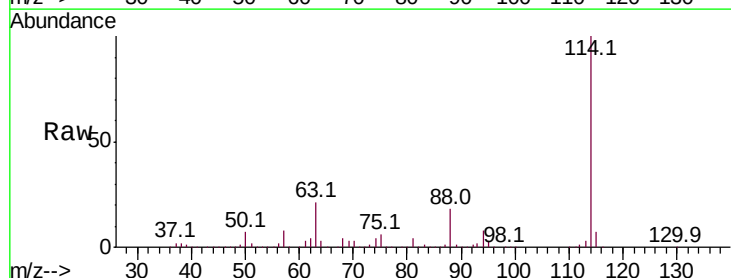
Tgt Ion: 114 Resp: 4053808

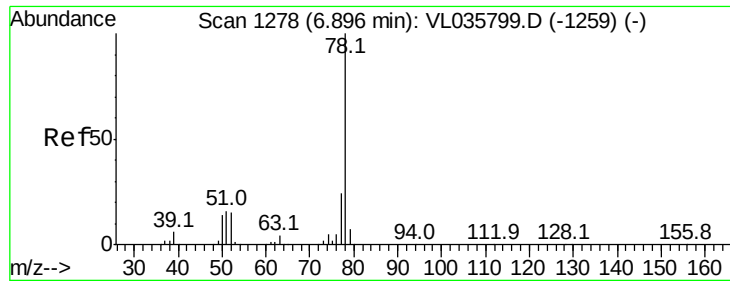
Ion Ratio Lower Upper

114 100

63 20.2 16.1 24.1

88 17.2 13.7 20.5





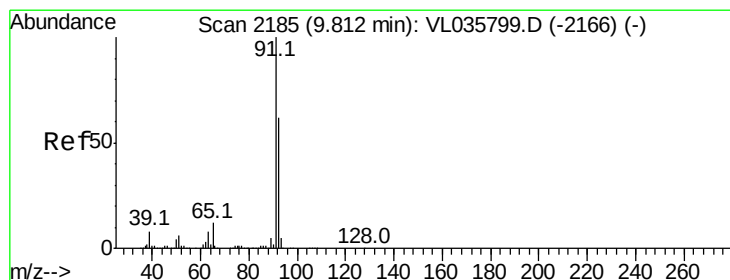
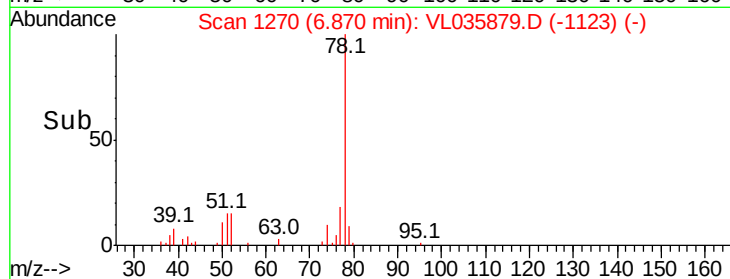
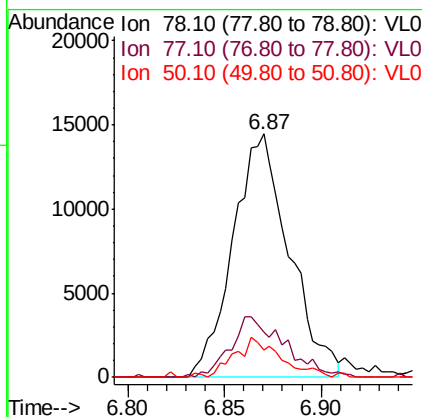
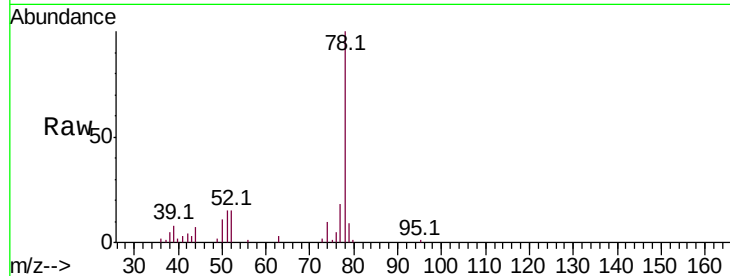
#36
Benzene
Concen: 0.097 ppbv
RT: 6.87 min Scan# 1270
Delta R.T. -0.03 min
Lab File: VL035879.D
Acq: 6 Nov 2020 3:45

Instrument :
MSVOA_L
ClientSampleId :
SSSG-1DL

Tot Ion	Ratio	Lower	Upper
78	100		
77	17.3	19.3	28.9#
50	11.2	11.4	17.2#

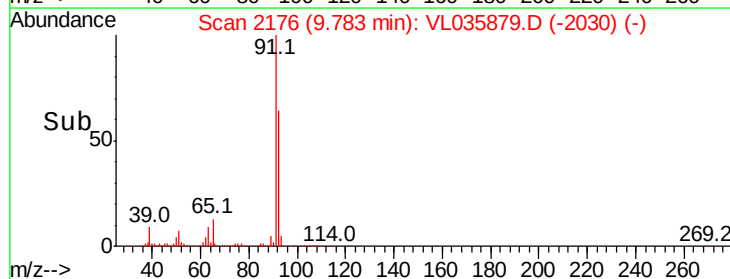
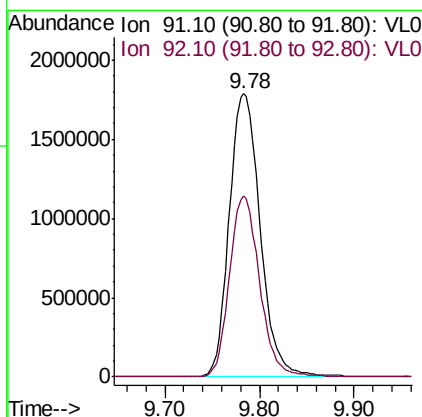
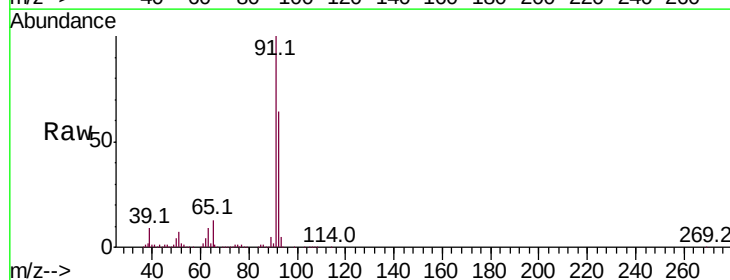
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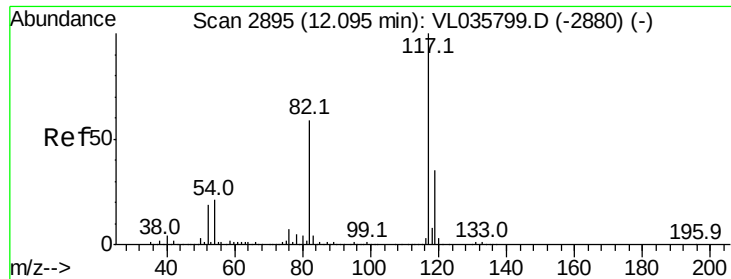
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#53
Toluene
Concen: 11.193 ppbv
RT: 9.78 min Scan# 2176
Delta R.T. -0.03 min
Lab File: VL035879.D
Acq: 6 Nov 2020 3:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	62.5	49.8	74.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.03 min

Lab File: VL035879.D

Acq: 6 Nov 2020 3:45

Instrument :

MSVOA_L

ClientSampleId :

SSSG-1DL

Tot Ion:117 Resp: 3751894

Ion Ratio Lower Upper

117 100

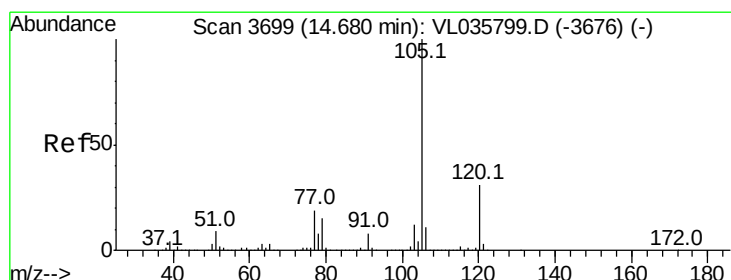
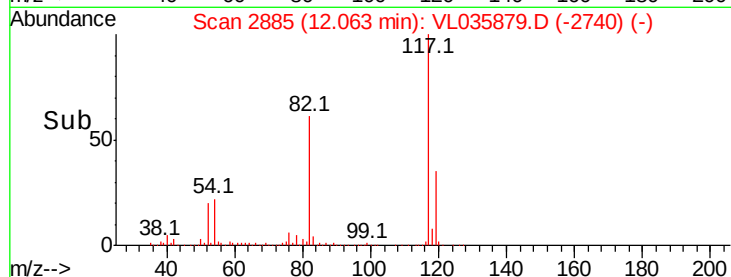
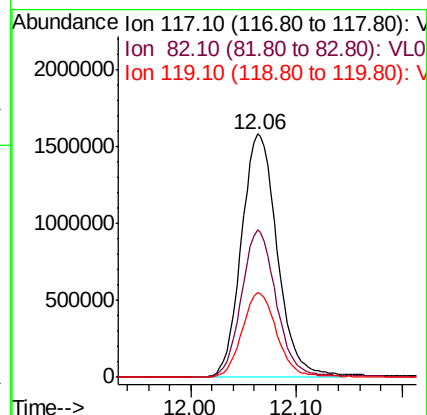
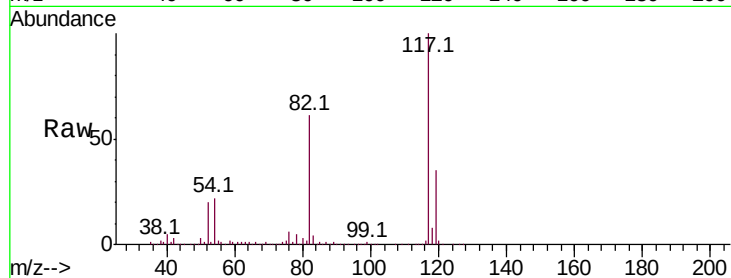
82 60.2 50.6 76.0

119 34.2 52.6 78.8#

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#62

Isopropylbenzene

Concen: 0.466 ppbv

RT: 14.65 min Scan# 3690

Delta R.T. -0.03 min

Lab File: VL035879.D

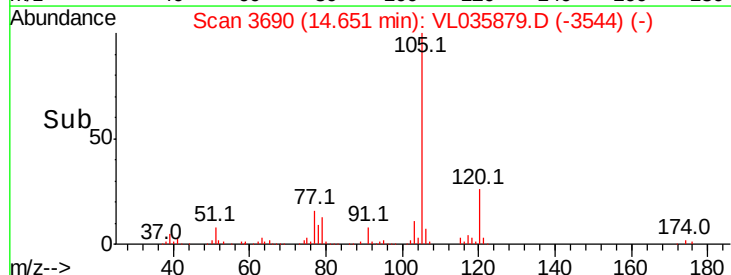
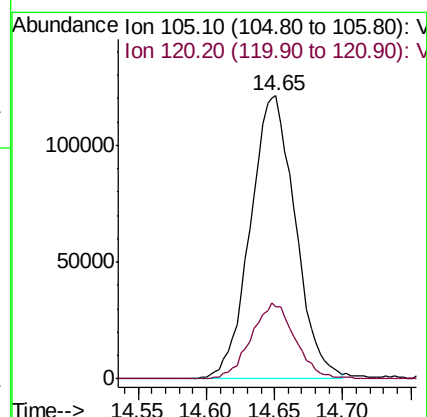
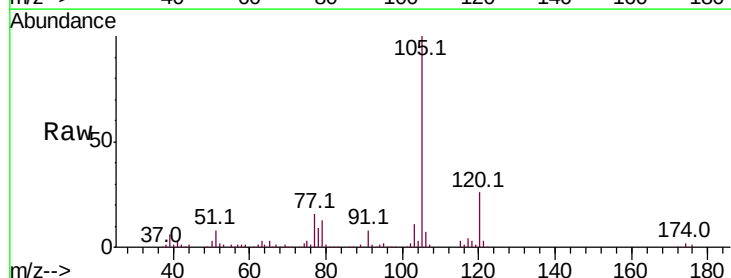
Acq: 6 Nov 2020 3:45

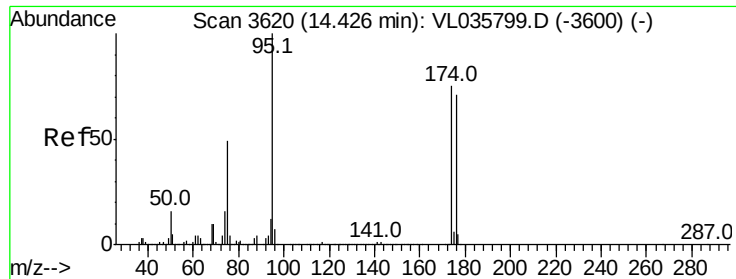
Tgt Ion:105 Resp: 275465

Ion Ratio Lower Upper

105 100

120 26.6 23.5 35.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.234 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.03 min
 Lab File: VL035879.D
 Acq: 6 Nov 2020 3:45

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-1DL

Tot Ion: 95 Resp: 2728052
 Ion Ratio Lower Upper
 95 100
 174 74.7 59.8 89.6
 175 5.2 4.3 6.5

Manual Integrations
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 11/9/2020 10:48:17 AM

