

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111820\
 Data File : VL035984.D
 Acq On : 18 Nov 2020 22:04
 Operator : SY/AP
 Sample : L4781-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
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Quant Time: Nov 19 21:31:32 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	5.62	49	1092418	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	3772933	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.04	117	3594468	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	2655282	10.40	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.57	45	44884m	4.321	ppbv	
15) Acetone	3.82	43	76792	0.658	ppbv #	79
20) Methylene Chloride	4.30	84	182377	2.218	ppbv	98
26) Hexane	5.64	57	77425	0.610	ppbv #	43
53) Toluene	9.76	91	36493m	0.108	ppbv	

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

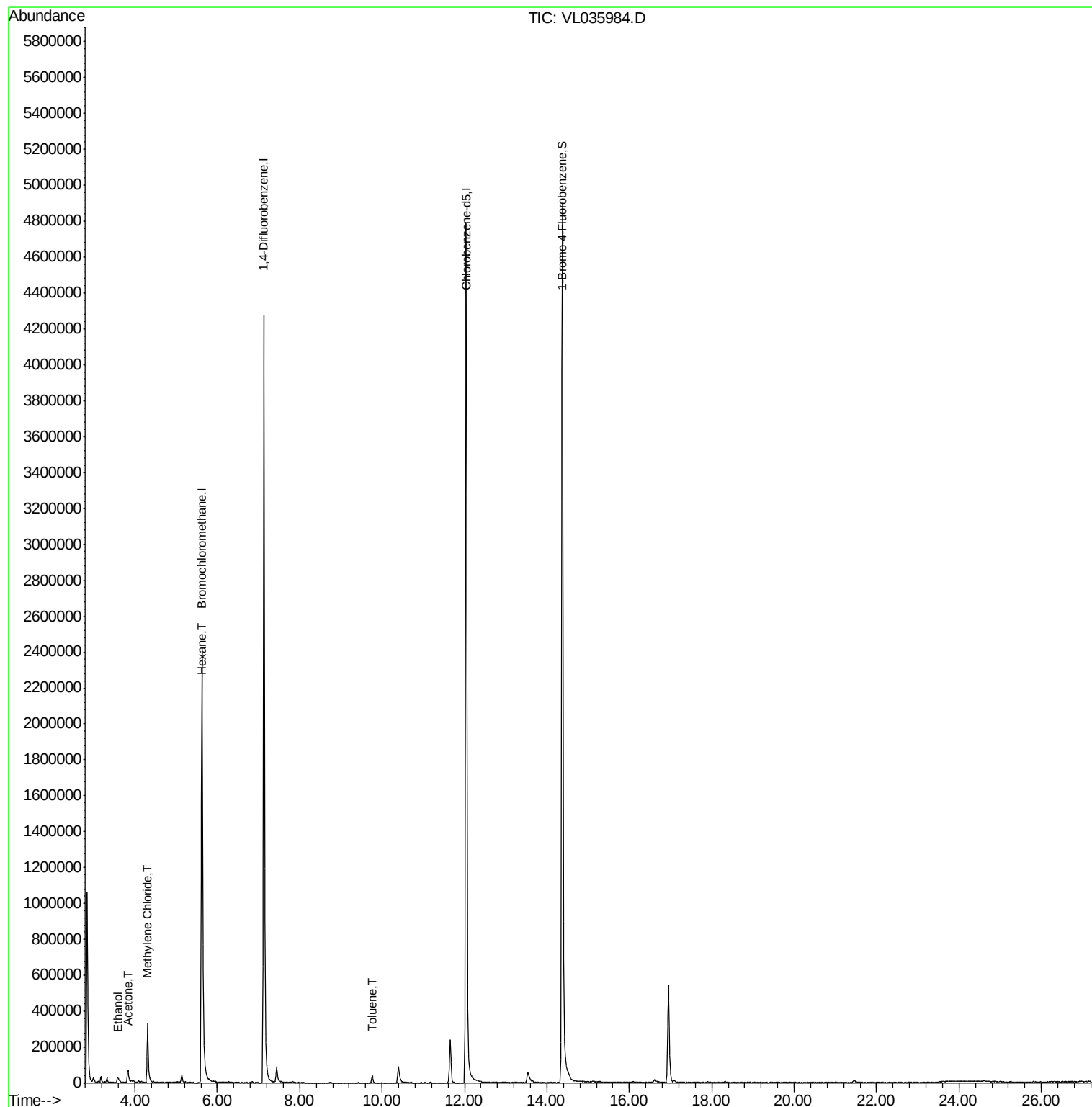
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111820\
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Quant Time: Nov 19 21:31:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.62 min Scan# 882

Delta R.T. -0.04 min

Lab File: VL035984.D

Acq: 18 Nov 2020 22:04

Instrument :

MSVOA_L

ClientSampled :

IA2DL

Tot Ion: 49 Resp: 1092418

Ion Ratio Lower Upper

49 100

128 75.8 41.5 124.6

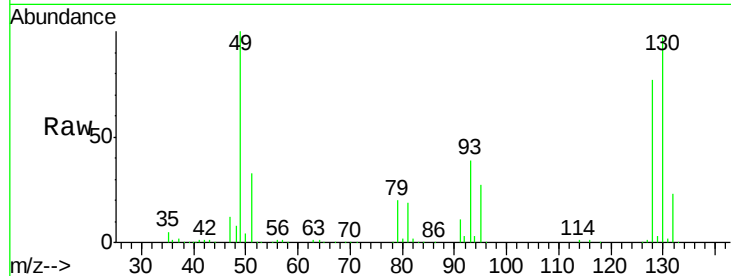
130 97.9 53.7 161.1

Manual Integrations

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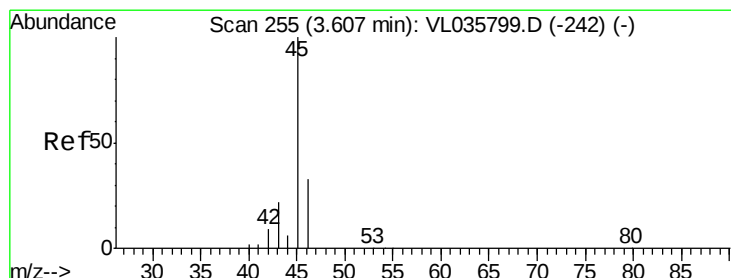
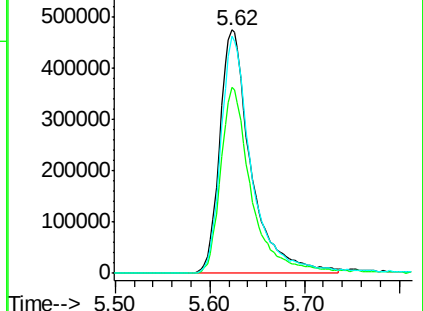
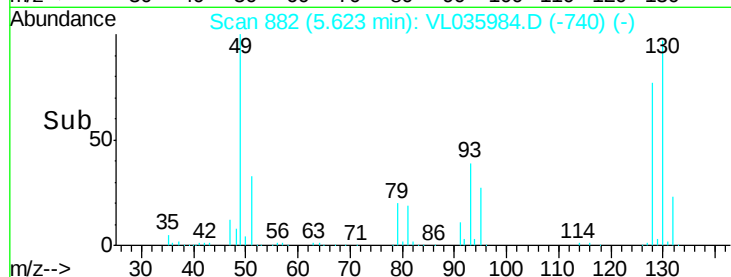
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 4.321 ppbv m

RT: 3.57 min Scan# 245

Delta R.T. -0.03 min

Lab File: VL035984.D

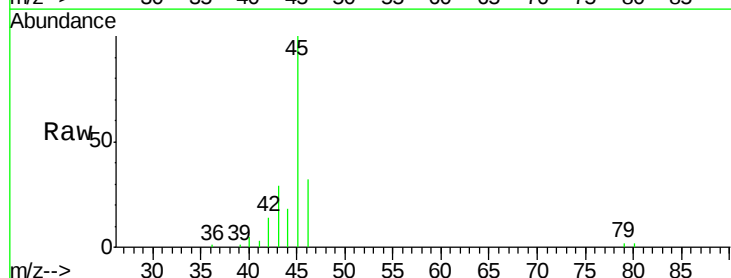
Acq: 18 Nov 2020 22:04

Tgt Ion: 45 Resp: 44884

Ion Ratio Lower Upper

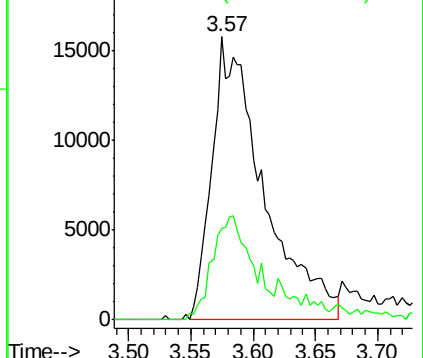
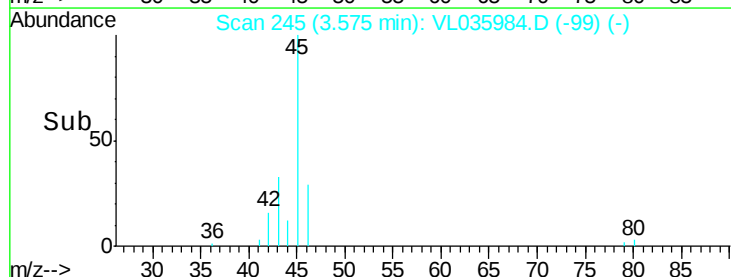
45 100

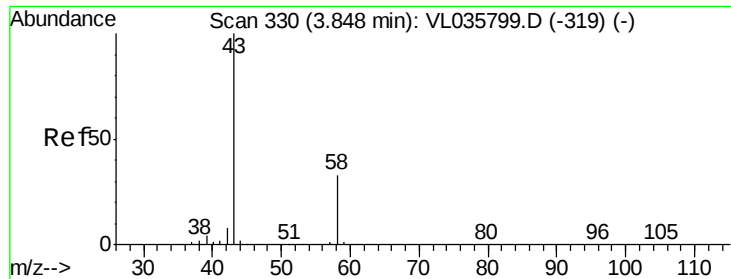
46 0.0 16.1 64.5#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





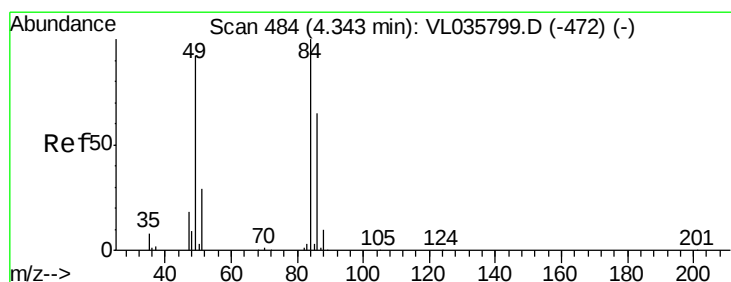
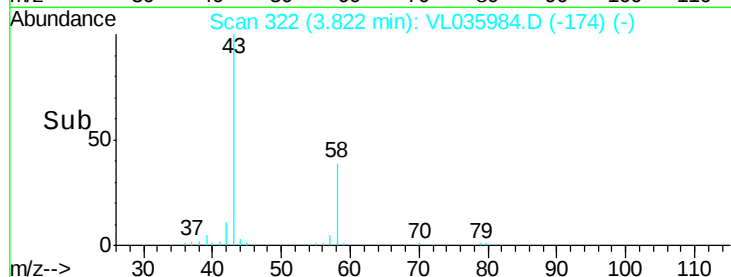
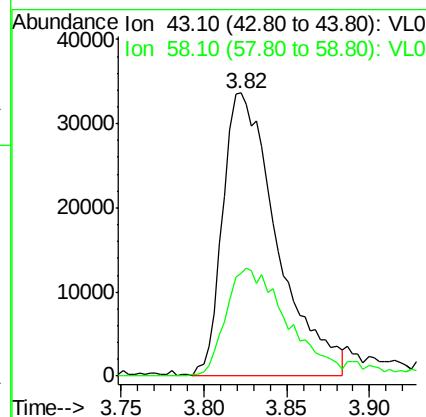
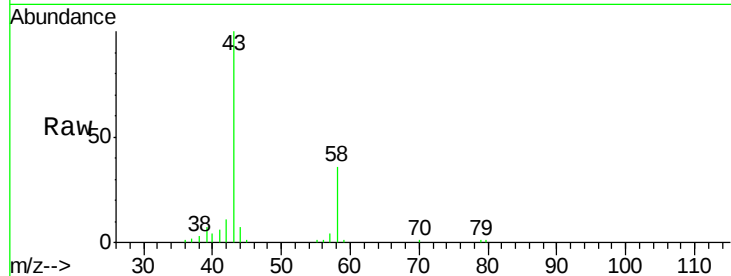
#15
Acetone
Concen: 0.658 ppbv
RT: 3.82 min Scan# 322
Delta R.T. -0.03 min
Lab File: VL035984.D
Acq: 18 Nov 2020 22:04

Instrument :
MSVOA_L
ClientSampled :
IA2DL

Tot Ion: 43 Resp: 76792
Ion Ratio Lower Upper
43 100
58 46.5 27.5 41.3#

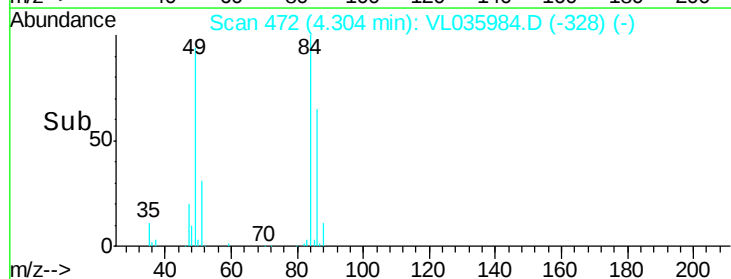
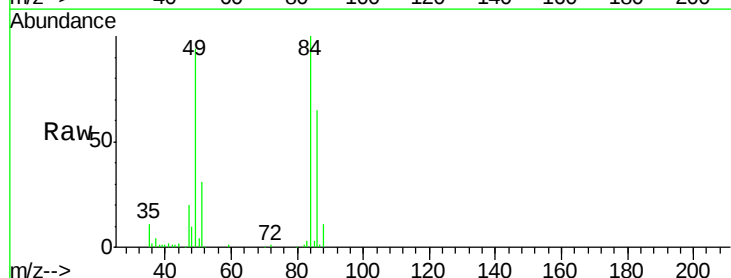
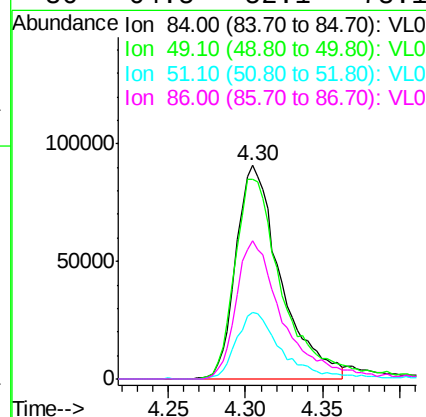
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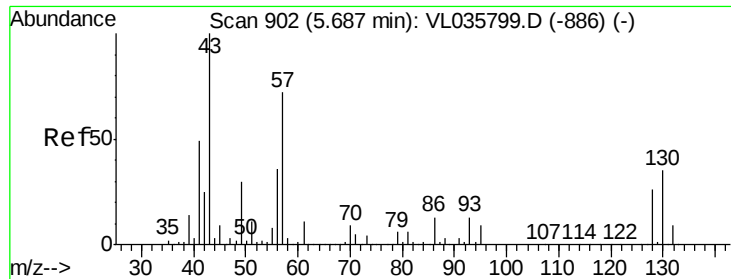
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#20
Methylene Chloride
Concen: 2.218 ppbv
RT: 4.30 min Scan# 472
Delta R.T. -0.04 min
Lab File: VL035984.D
Acq: 18 Nov 2020 22:04

Tgt Ion: 84 Resp: 182377
Ion Ratio Lower Upper
84 100
49 93.8 73.8 110.8
51 31.1 23.0 34.4
86 64.5 52.1 78.1





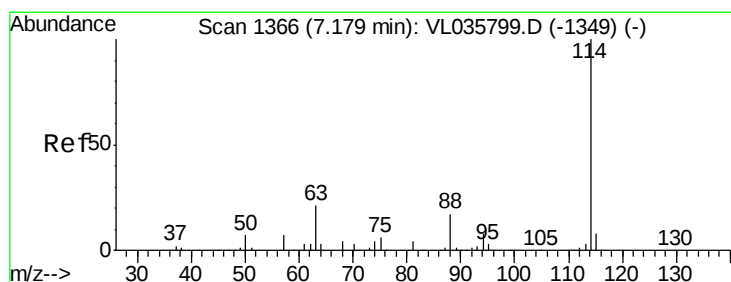
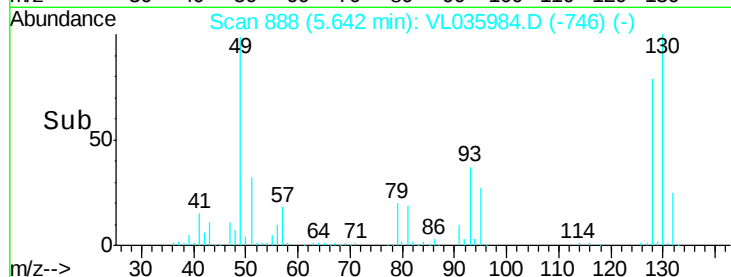
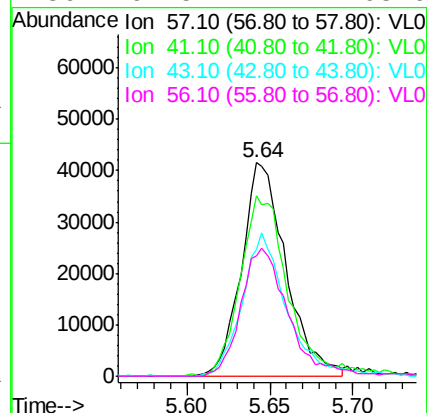
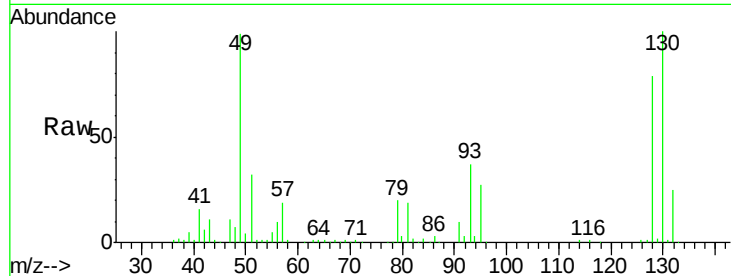
#26
Hexane
Concen: 0.610 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.04 min
Lab File: VL035984.D
Acq: 18 Nov 2020 22:04

Instrument :
MSVOA_L
ClientSampled :
IA2DL

Tot Ion: 57 Resp: 77425
Ion Ratio Lower Upper
57 100
41 93.4 58.9 88.3#
43 68.2 150.2 225.2#
56 64.5 42.4 63.6#

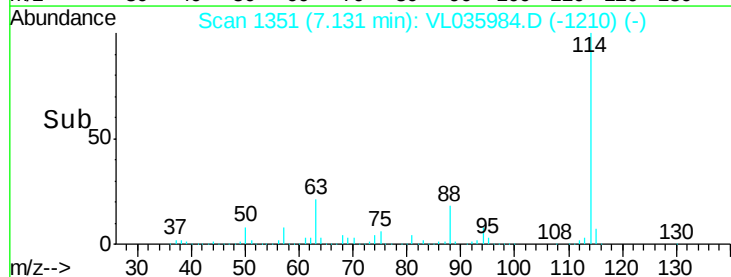
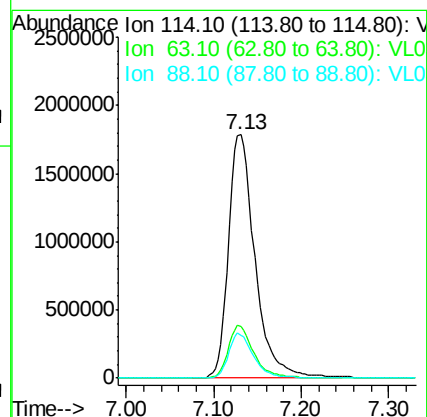
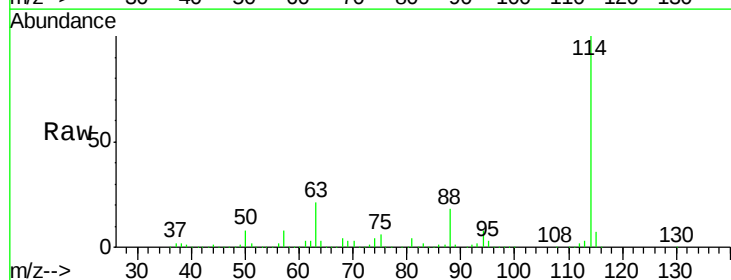
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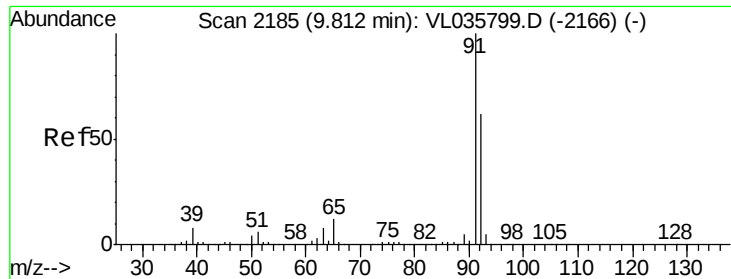
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.05 min
Lab File: VL035984.D
Acq: 18 Nov 2020 22:04

Tgt Ion: 114 Resp: 3772933
Ion Ratio Lower Upper
114 100
63 21.0 16.1 24.1
88 17.5 13.7 20.5





#53

Toluene

Concen: 0.108 ppbv m

RT: 9.76 min Scan# 2170

Delta R.T. -0.05 min

Lab File: VL035984.D

Acq: 18 Nov 2020 22:04

Instrument :

MSVOA_L

ClientSampled :

IA2DL

Tot Ion: 91 Resp: 36493

Ion Ratio Lower Upper

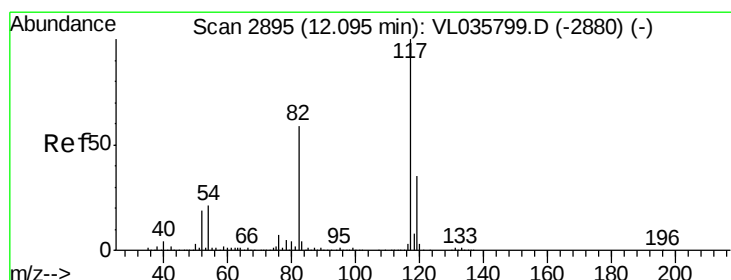
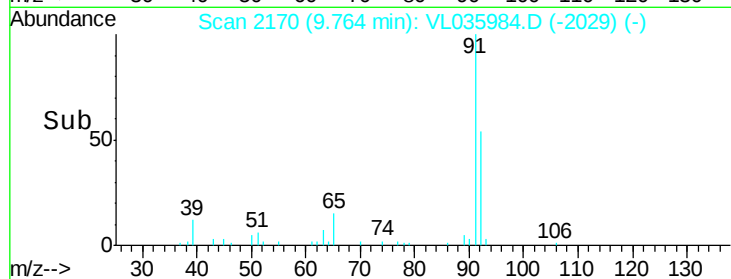
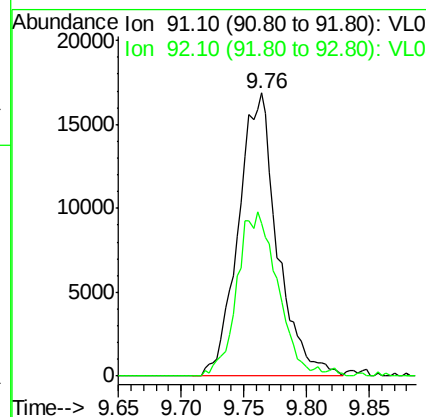
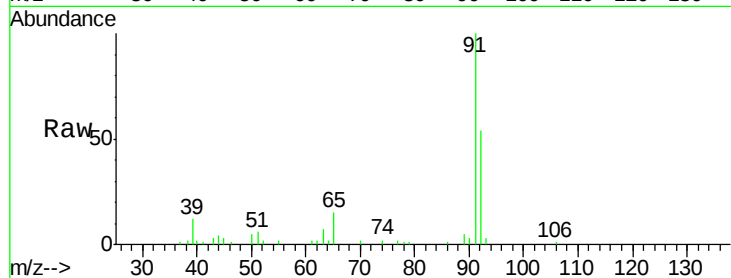
91 100

92 0.0 49.8 74.6#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.04 min Scan# 2878

Delta R.T. -0.05 min

Lab File: VL035984.D

Acq: 18 Nov 2020 22:04

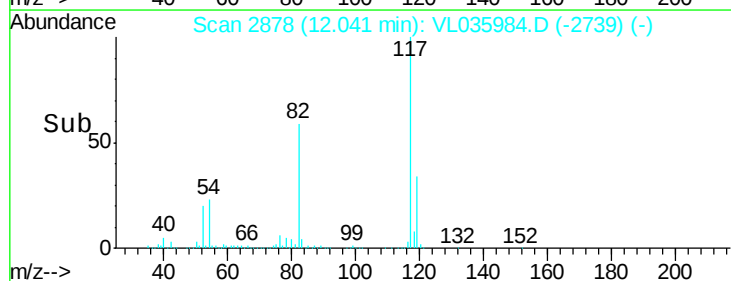
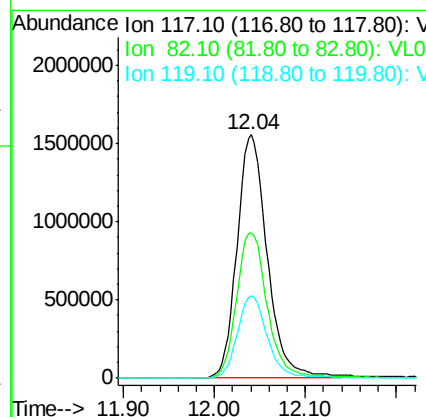
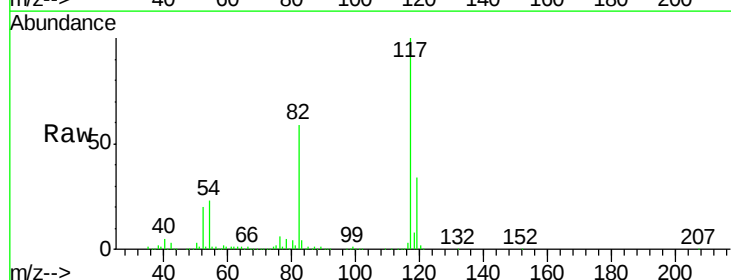
Tgt Ion: 117 Resp: 3594468

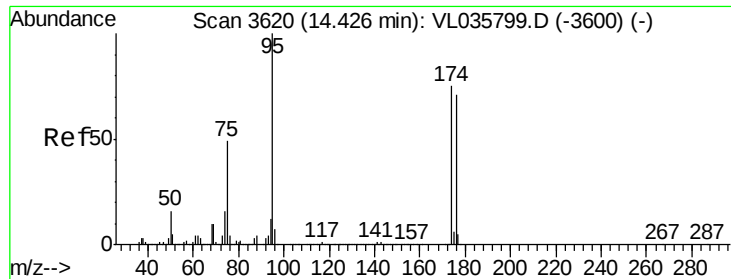
Ion Ratio Lower Upper

117 100

82 61.9 50.6 76.0

119 34.0 52.6 78.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.397 ppbv
 RT: 14.37 min Scan# 3603
 Delta R.T. -0.05 min
 Lab File: VL035984.D
 Acq: 18 Nov 2020 22:04

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	71.1	59.8	89.6
175	5.0	4.3	6.5

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