

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035882.D
 Acq On : 6 Nov 2020 5:41
 Operator : SY/AP
 Sample : L4618-05DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-2DL

Manual Integrations
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 11/9/2020 10:48:21 AM

Quant Time: Nov 06 06:31:23 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	1030846	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	4412740	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4040242	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2842457	9.90	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	7343m	0.163	ppbv	
13) Ethanol	3.60	45	63331m	6.461	ppbv	
15) Acetone	3.84	43	34219	0.310	ppbv #	45
20) Methylene Chloride	4.32	84	51845	0.668	ppbv	92
26) Hexane	5.66	57	35056	0.293	ppbv #	48

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

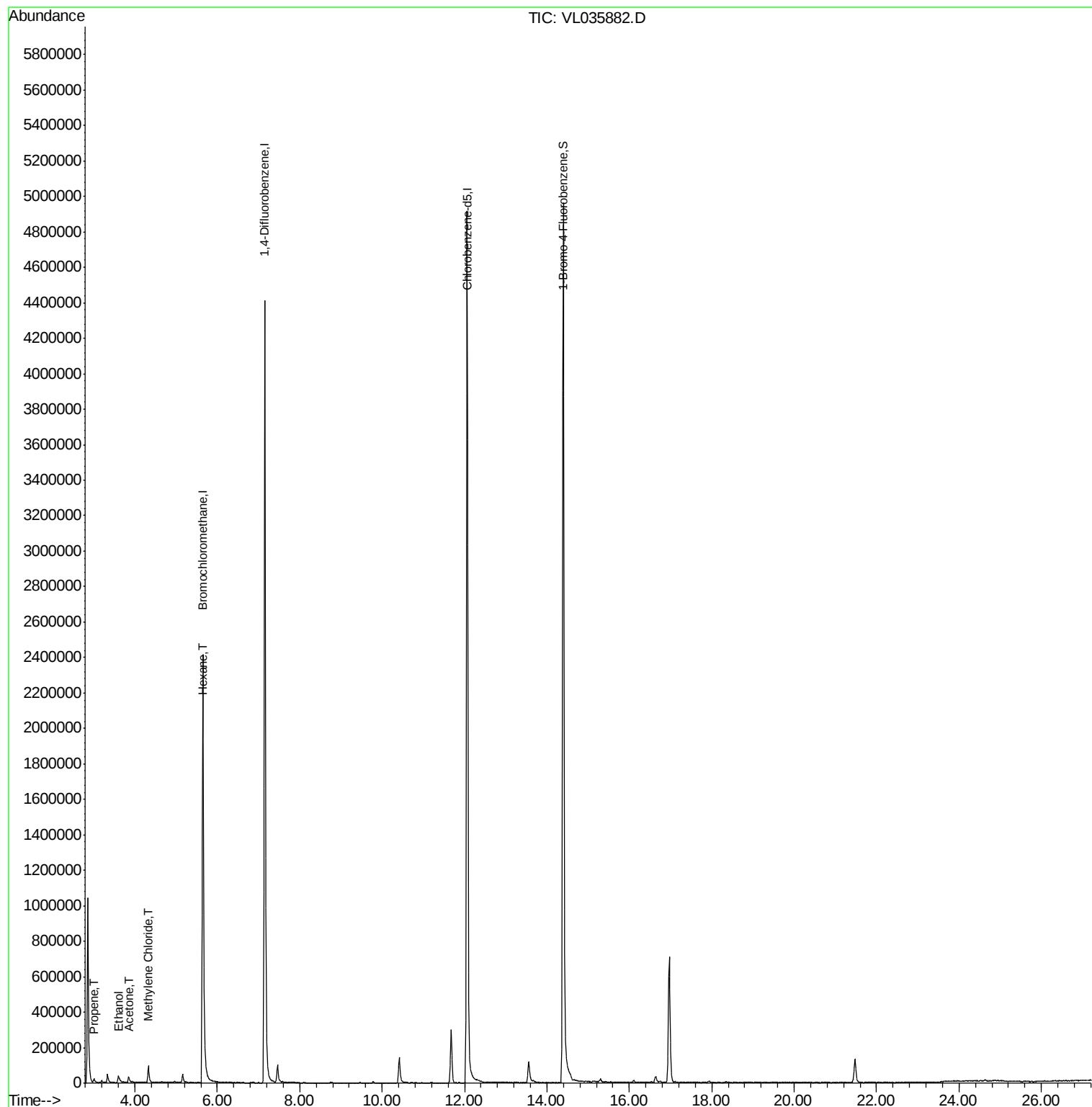
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110520\
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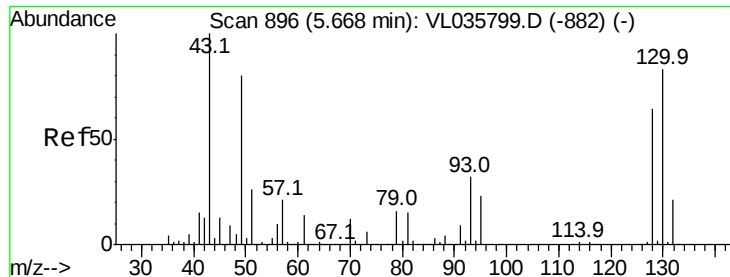
Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DL

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Quant Time: Nov 06 06:31:23 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: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035882.D

Acq: 6 Nov 2020 5:41

Instrument :

MSVOA_L

ClientSampleId :

SSSG-2DL

Tot Ion: 49 Resp: 1030846

Ion Ratio Lower Upper

49 100

128 88.9 41.5 124.6

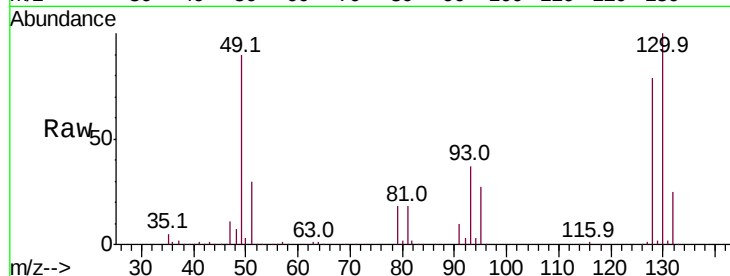
130 117.0 53.7 161.1

Manual Integrations

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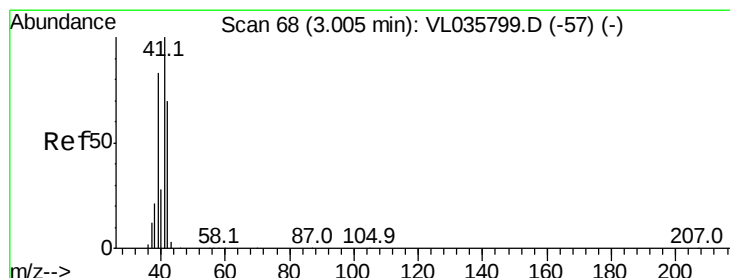
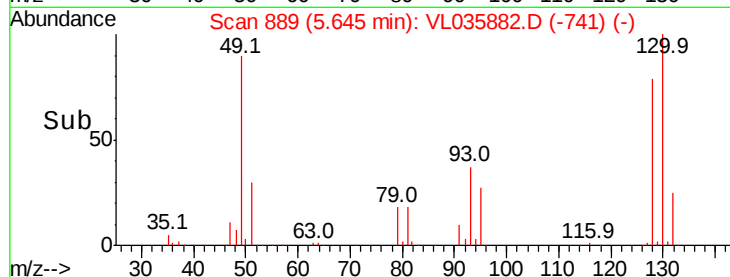
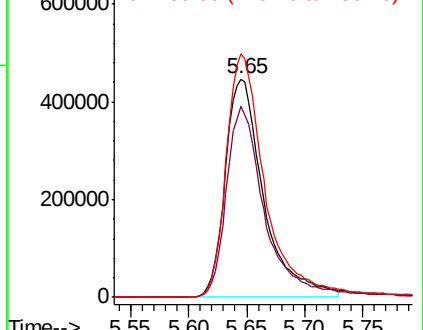
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.163 ppbv m

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL035882.D

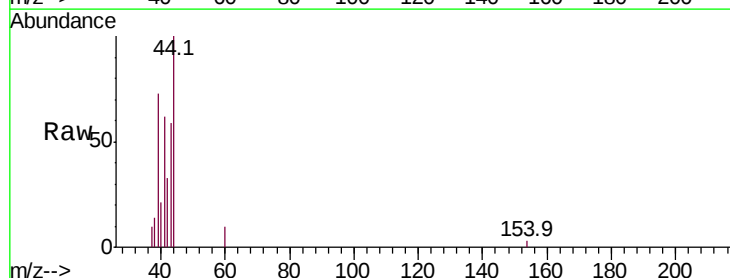
Acq: 6 Nov 2020 5:41

Tgt Ion: 41 Resp: 7343

Ion Ratio Lower Upper

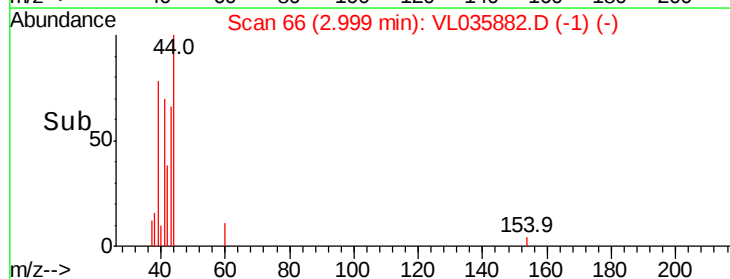
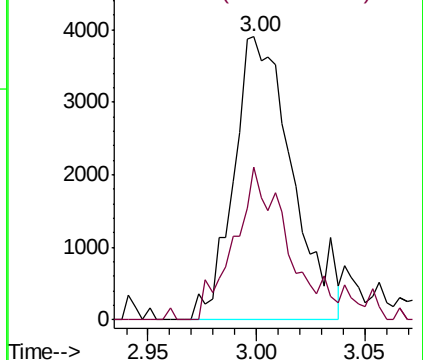
41 100

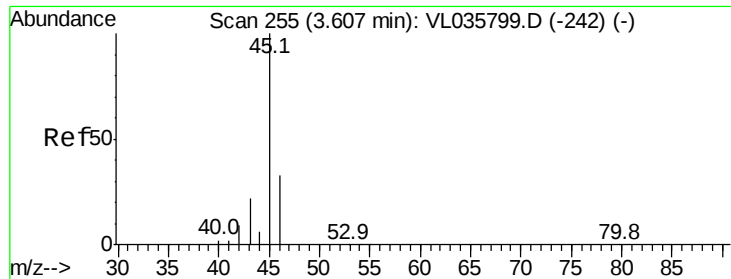
42 54.6 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 6.461 ppbv m

RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

Lab File: VL035882.D

Acq: 6 Nov 2020 5:41

Instrument :

MSVOA_L

ClientSampleId :

SSSG-2DL

Tot Ion: 45 Resp: 63331

Ion Ratio Lower Upper

45 100

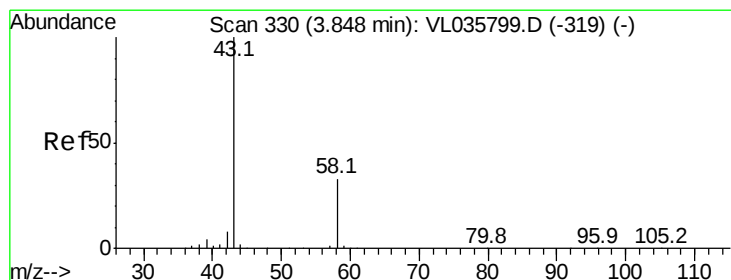
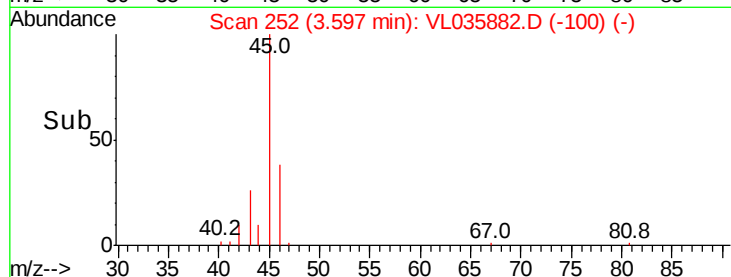
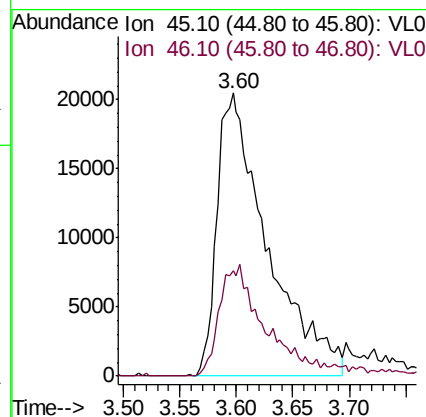
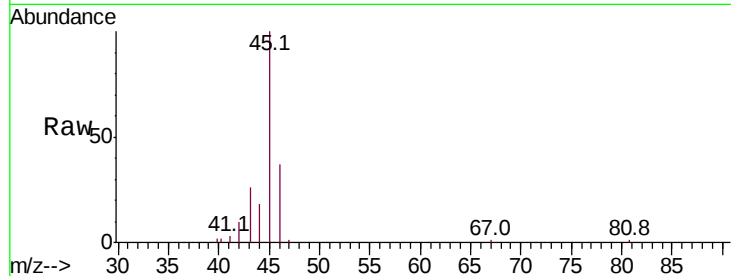
46 36.2 16.1 64.5

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#15

Acetone

Concen: 0.310 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: VL035882.D

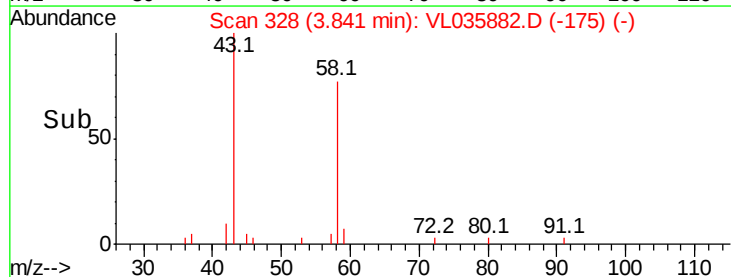
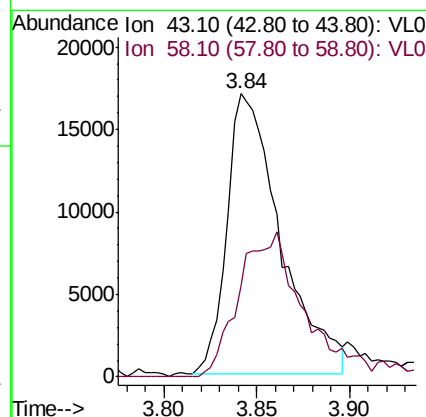
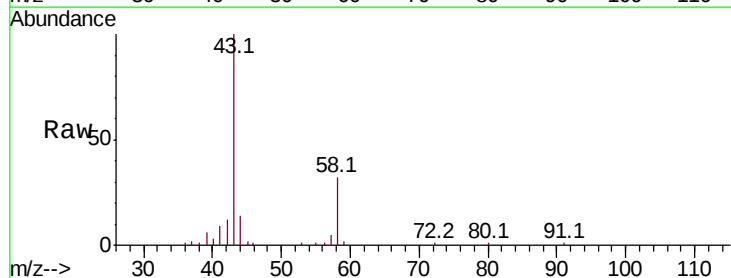
Acq: 6 Nov 2020 5:41

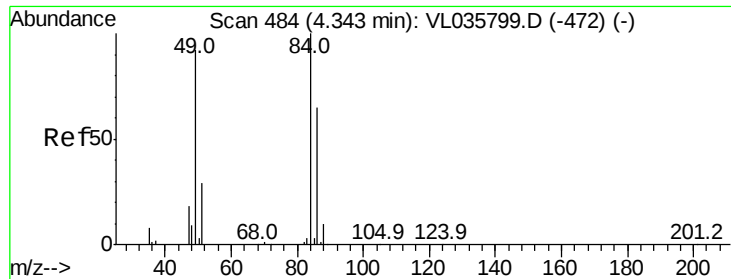
Tgt Ion: 43 Resp: 34219

Ion Ratio Lower Upper

43 100

58 66.0 27.5 41.3#





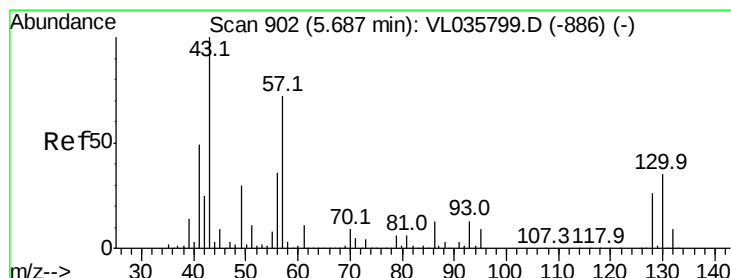
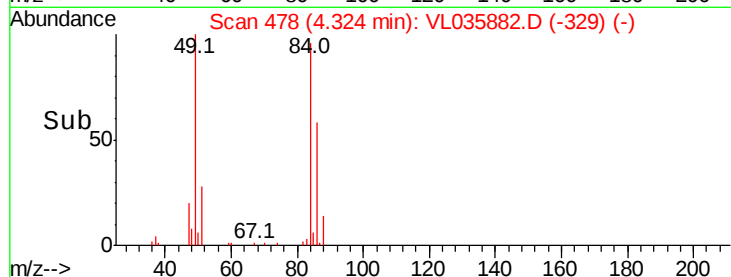
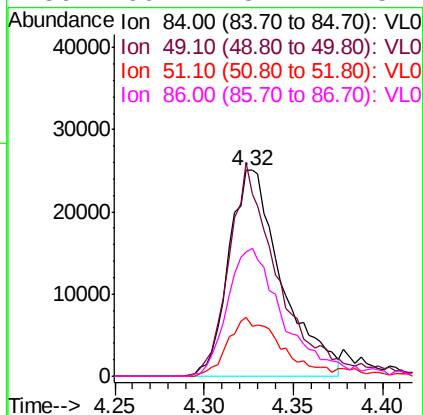
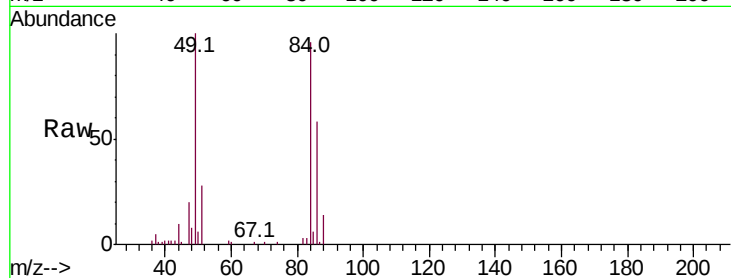
#20
Methvlene Chloride
Concen: 0.668 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL035882.D
Acq: 6 Nov 2020 5:41

Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DL

Tot Ion	Ratio	Lower	Upper
84	100		
49	102.9	73.8	110.8
51	28.7	23.0	34.4
86	60.4	52.1	78.1

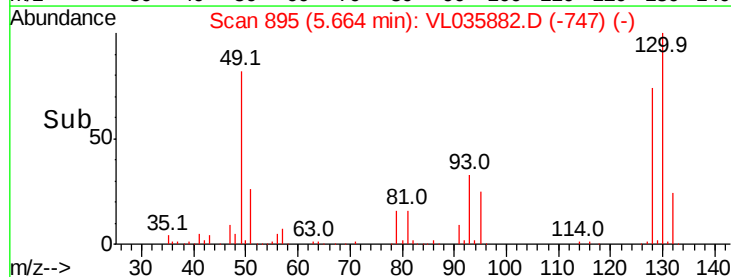
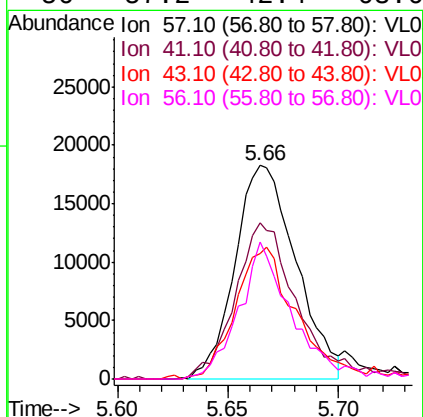
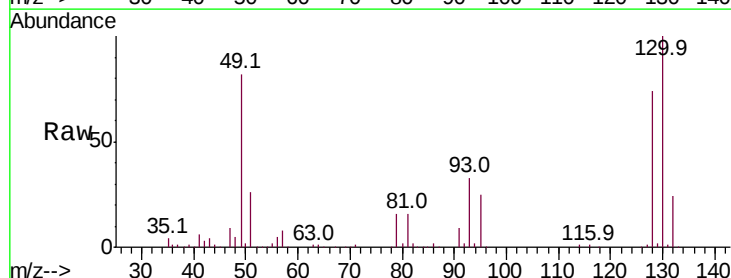
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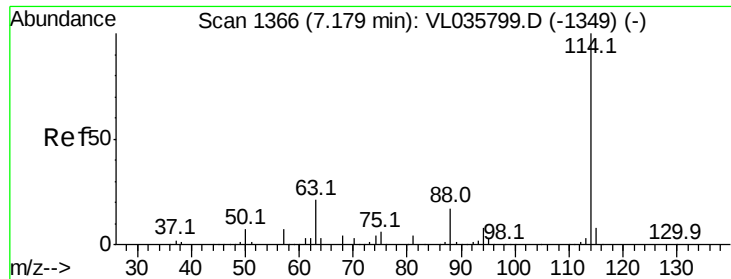
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#26
Hexane
Concen: 0.293 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL035882.D
Acq: 6 Nov 2020 5:41

Tgt Ion	Ratio	Lower	Upper
57	100		
41	76.2	58.9	88.3
43	64.9	150.2	225.2#
56	57.2	42.4	63.6





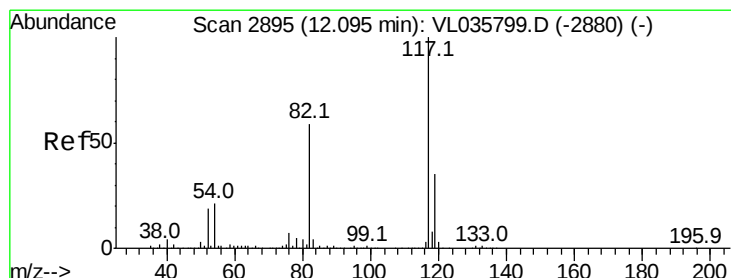
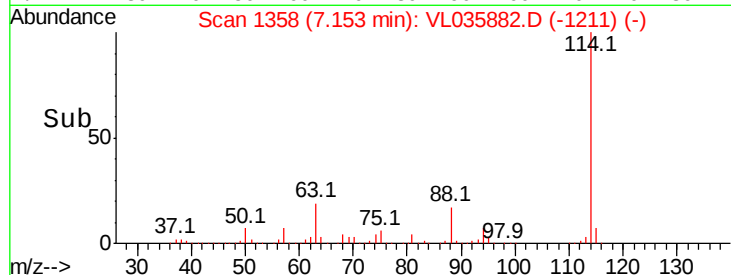
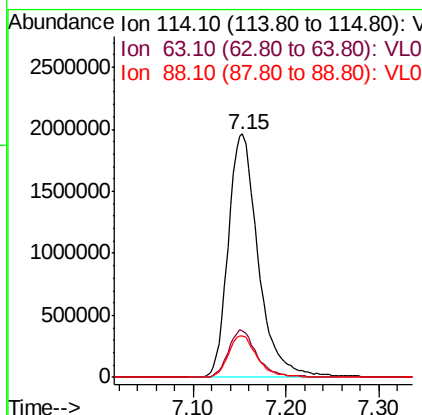
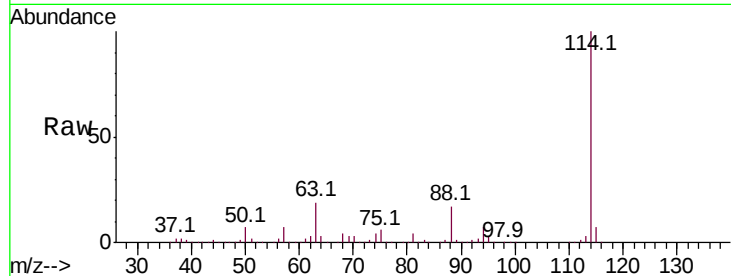
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.03 min
 Lab File: VL035882.D
 Acq: 6 Nov 2020 5:41

Instrument :
 MSVOA_L
 ClientSampled :
 SSSG-2DL

Tot Ion:114 Resp: 4412740
 Ion Ratio Lower Upper
 114 100
 63 18.8 16.1 24.1
 88 16.8 13.7 20.5

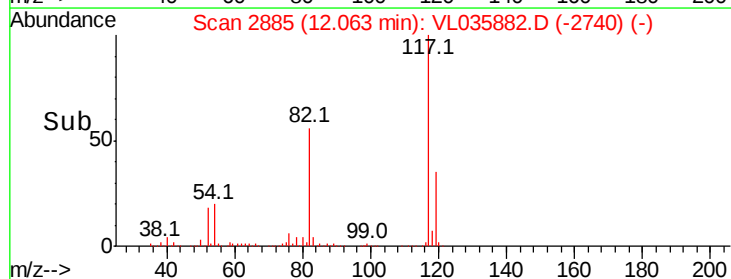
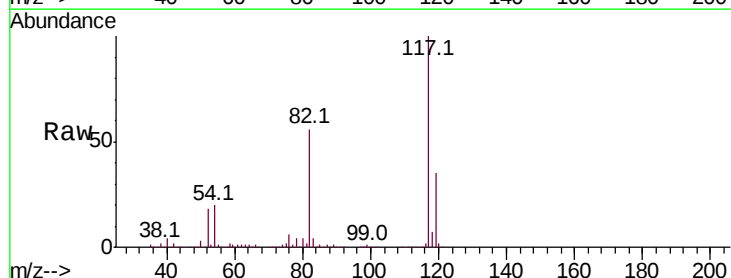
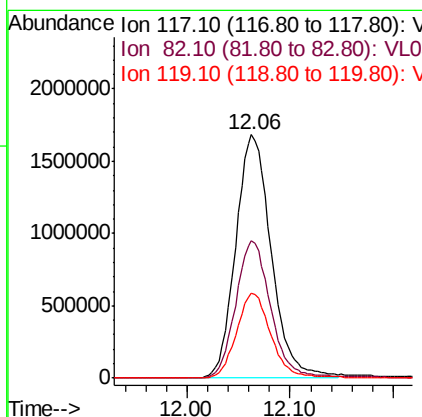
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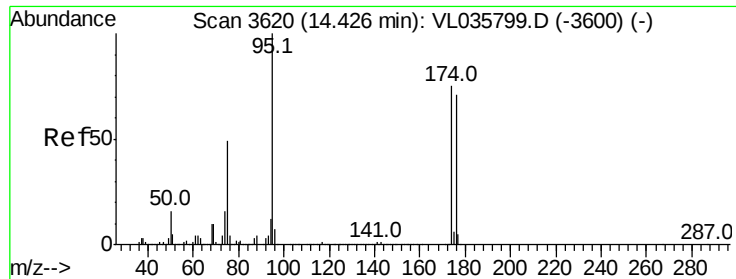
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2885
 Delta R.T. -0.03 min
 Lab File: VL035882.D
 Acq: 6 Nov 2020 5:41

Tgt Ion:117 Resp: 4040242
 Ion Ratio Lower Upper
 117 100
 82 56.6 50.6 76.0
 119 34.5 52.6 78.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.902 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.03 min
 Lab File: VL035882.D
 Acq: 6 Nov 2020 5:41

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-2DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	78.0	59.8	89.6
175	5.3	4.3	6.5

Manual Integrations
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