

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL033021\
 Data File : VL036560.D
 Acq On : 30 Mar 2021 7:09
 Operator : SY/AP
 Sample : VL0330ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0330ABL01

Manual Integrations
 APPROVED

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 4/1/2021 10:57:25 AM

Quant Time: Apr 02 03:29:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1334125	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	3115028	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	2830394	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2256941	10.00	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	57618m	0.439	ppbv	

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

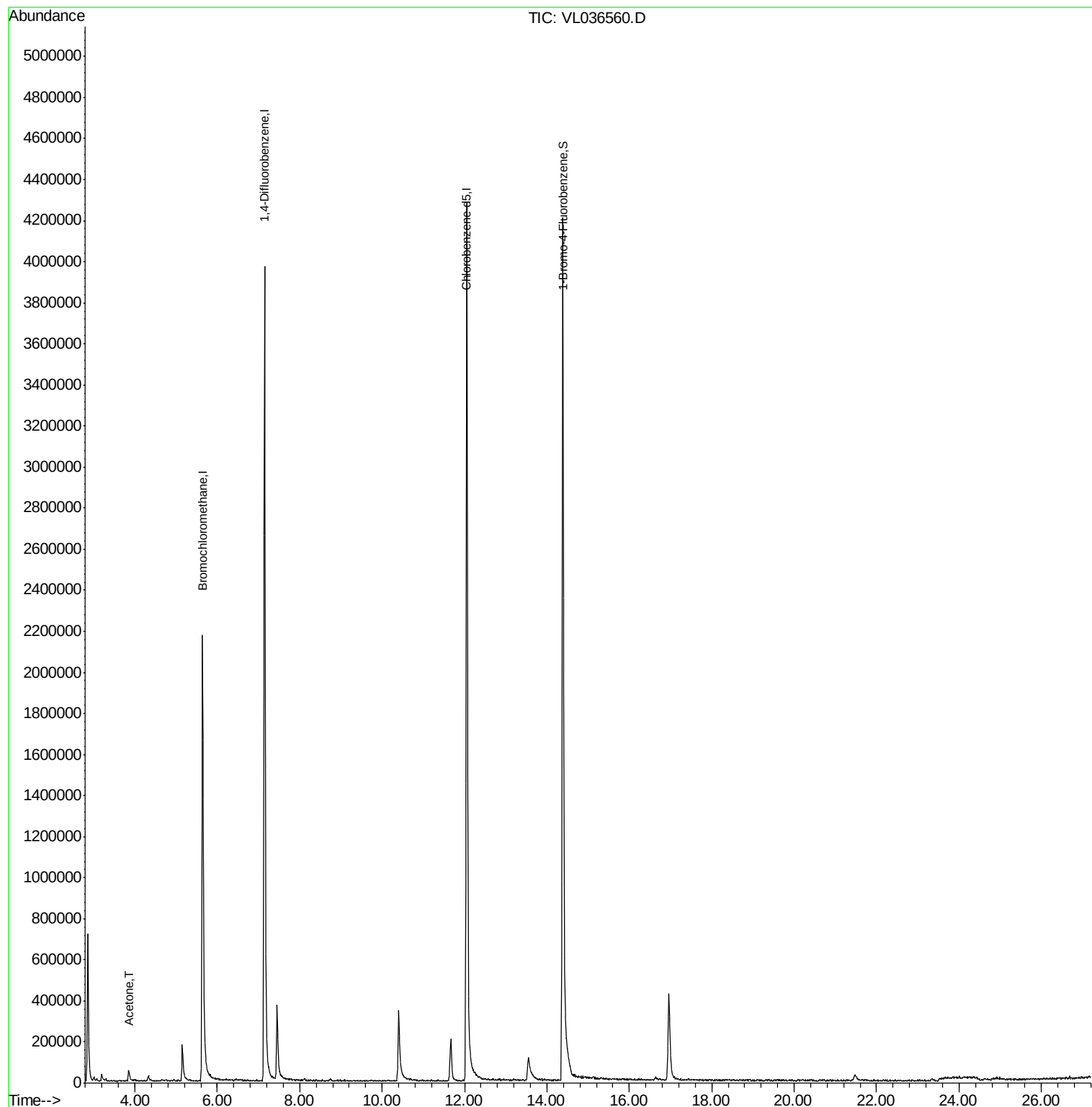
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Data File : VL036560.D
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Misc : 400mL/MSVOA L
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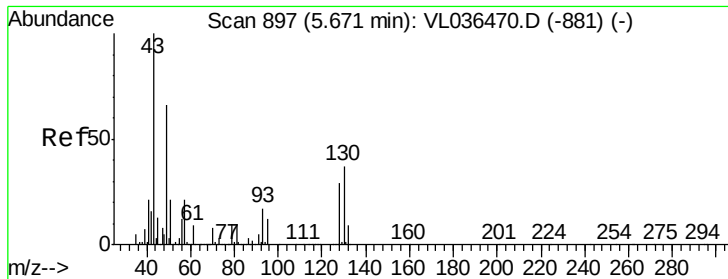
Instrument :
MSVOA_L
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VL0330ABL01

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Quant Time: Apr 02 03:29:21 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL036560.D

Acq: 30 Mar 2021 7:09

Instrument :

MSVOA_L

ClientSampleId :

VL0330ABL01

Tot Ion: 49 Resp: 1334125

Ion Ratio Lower Upper

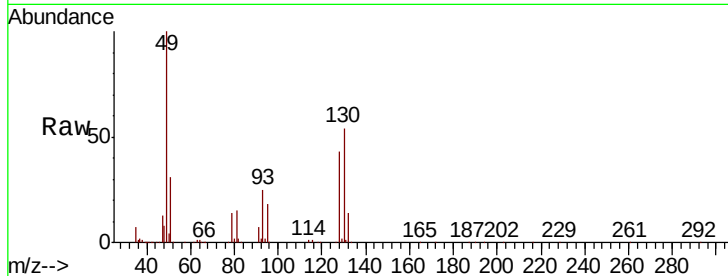
49 100

128 45.5 23.5 70.6

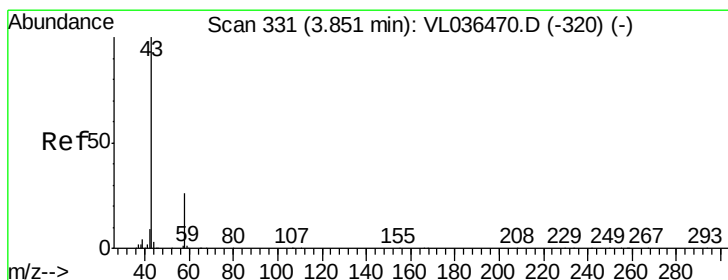
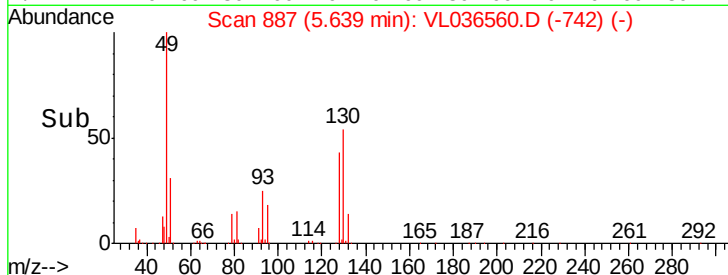
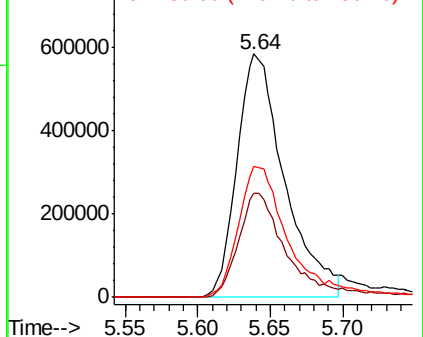
130 58.7 29.1 87.4

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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



#15

Acetone

Concen: 0.439 ppbv m

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL036560.D

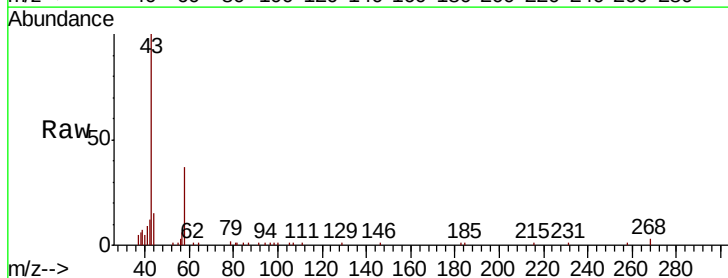
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Tgt Ion: 43 Resp: 57618

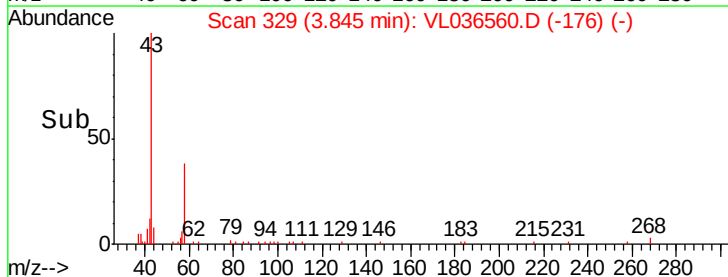
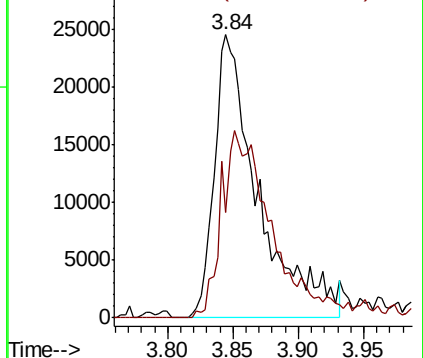
Ion Ratio Lower Upper

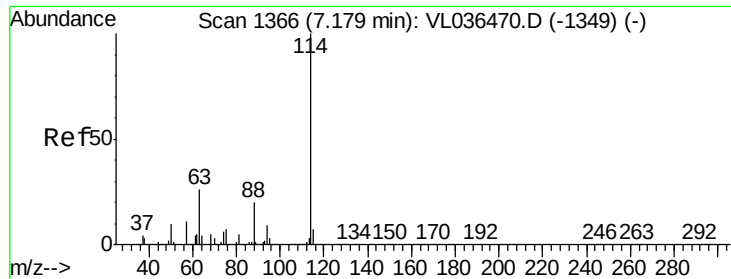
43 100

58 0.0 21.2 31.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





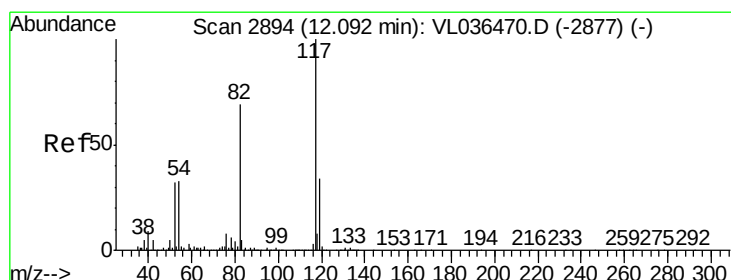
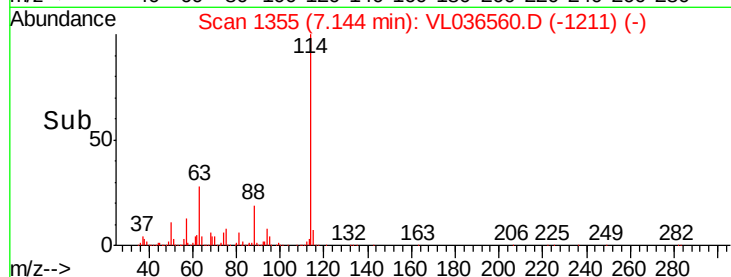
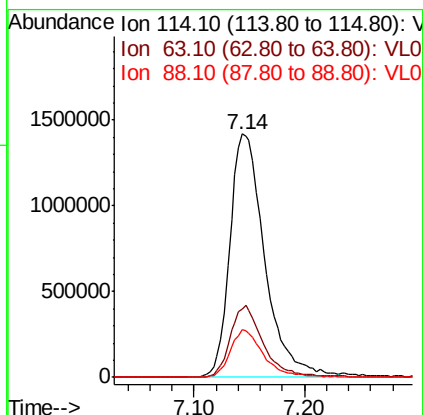
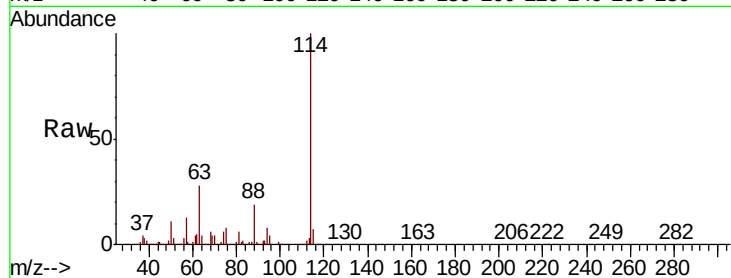
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1355
 Delta R.T. -0.04 min
 Lab File: VL036560.D
 Acq: 30 Mar 2021 7:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0330ABL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.5	22.4	33.6
88	18.9	15.4	23.0

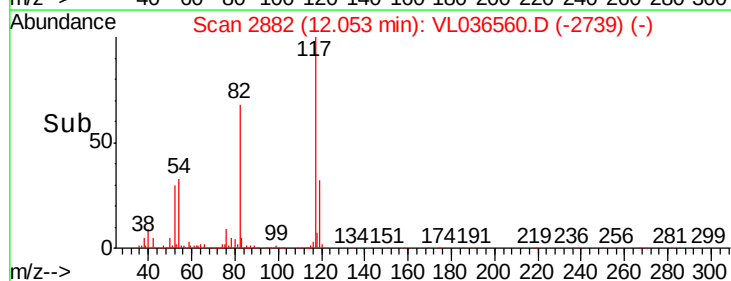
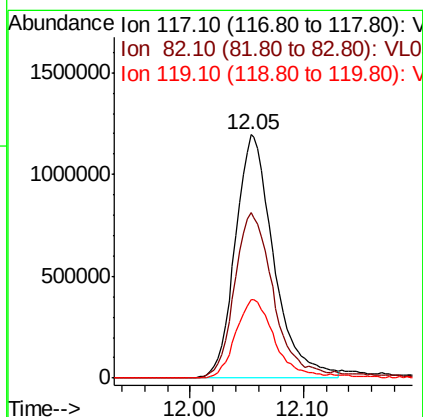
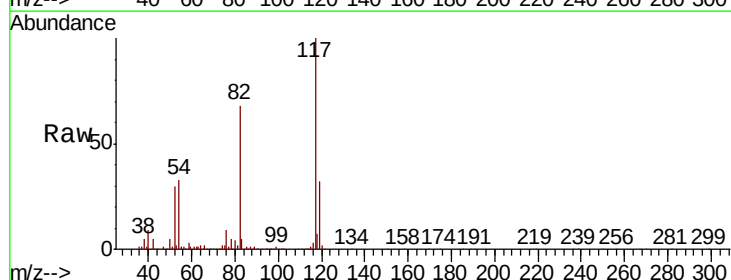
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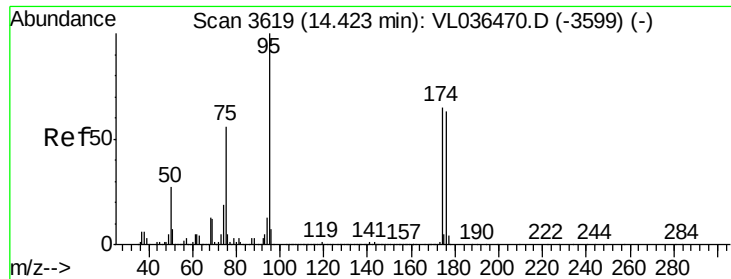
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.05 min Scan# 2882
 Delta R.T. -0.04 min
 Lab File: VL036560.D
 Acq: 30 Mar 2021 7:09

Tgt Ion	Ratio	Lower	Upper
117	100		
82	72.1	57.4	86.0
119	33.8	47.4	71.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.005 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T. -0.04 min
 Lab File: VL036560.D
 Acq: 30 Mar 2021 7:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0330ABL01

Tot Ion	Ratio	Lower	Upper
95	100		
174	65.4	51.0	76.6
175	4.8	3.9	5.9

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