

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036525.D
 Acq On : 26 Mar 2021 22:29
 Operator : SY/AP
 Sample : M1760-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-4-STORAGE-RMDL

Manual Integrations
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Quant Time: Mar 28 21:23:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 28 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	5.67	49	1309469	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2980582	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2673374	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2083788	9.78	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	63477m	6.834	ppbv	
15) Acetone	3.85	43	119946m	0.931	ppbv	
20) Methylene Chloride	4.35	84	31262	0.518	ppbv	97
26) Hexane	5.69	57	54259	0.382	ppbv #	41
53) Toluene	9.81	91	29595m	0.101	ppbv	

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

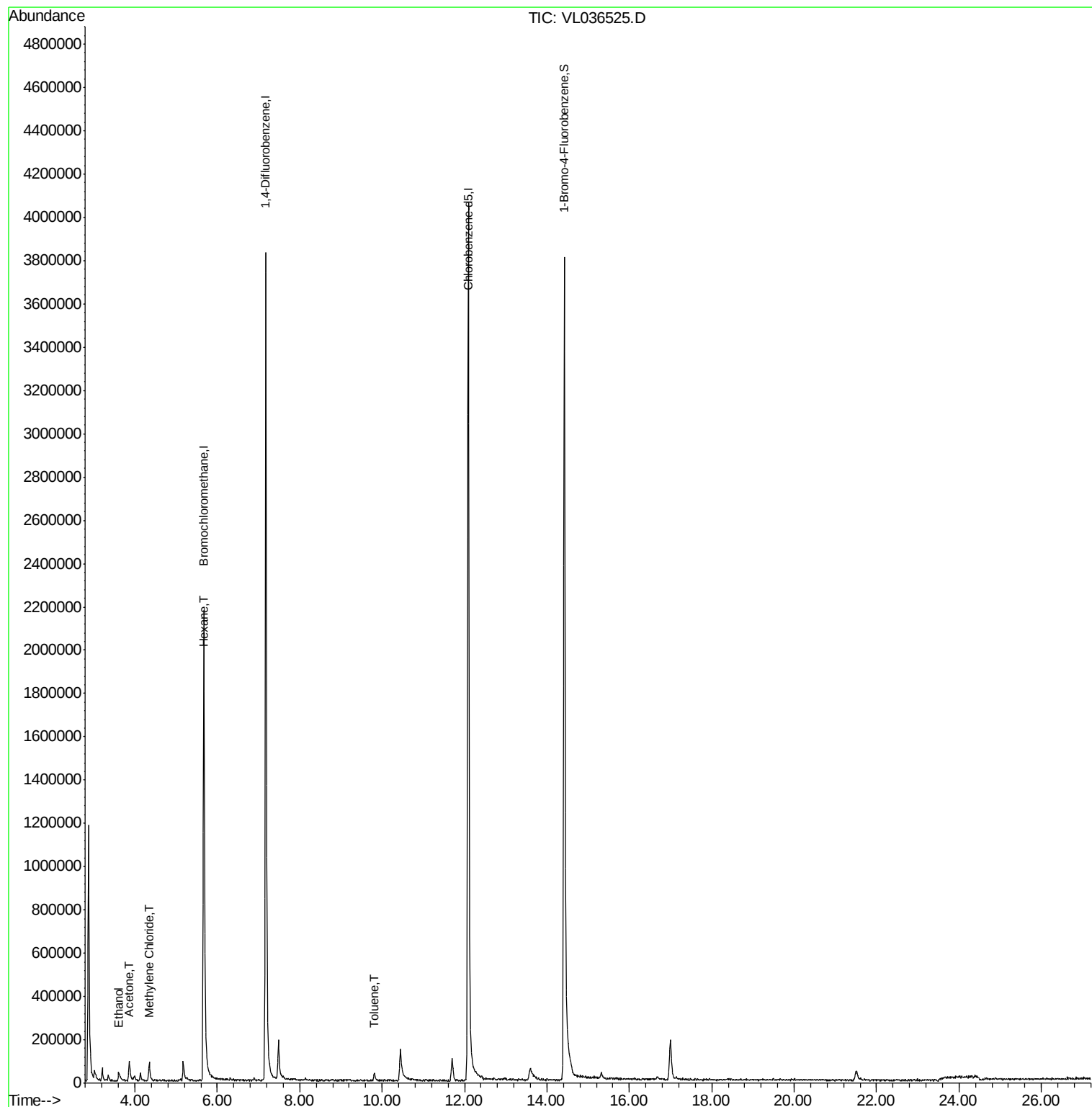
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032621\
Data File : VL036525.D
Acq On : 26 Mar 2021 22:29
Operator : SY/AP
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ALS Vial : 1 Sample Multiplier: 1

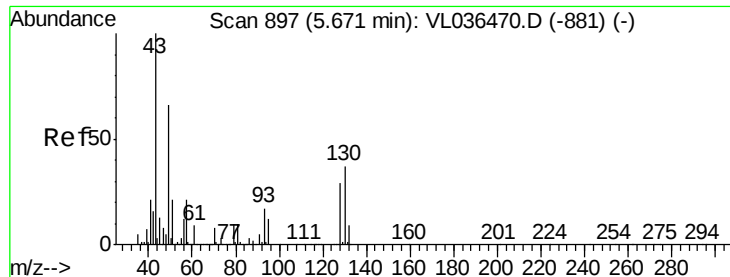
Instrument :
MSVOA_L
ClientSampleId :
IAS-4-STORAGE-RMDL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
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QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL036525.D

Acq: 26 Mar 2021 22:29

Instrument :

MSVOA_L

ClientSampleId :

IAS-4-STORAGE-RMDL

Tot Ion: 49 Resp: 1309469

Ion Ratio Lower Upper

49 100

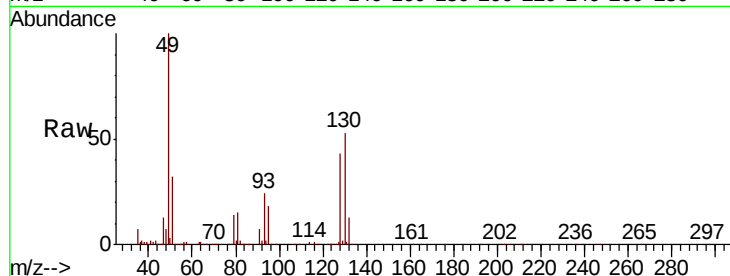
128 43.3 23.5 70.6

130 55.9 29.1 87.4

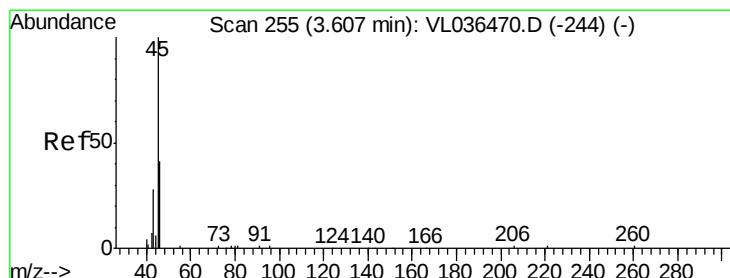
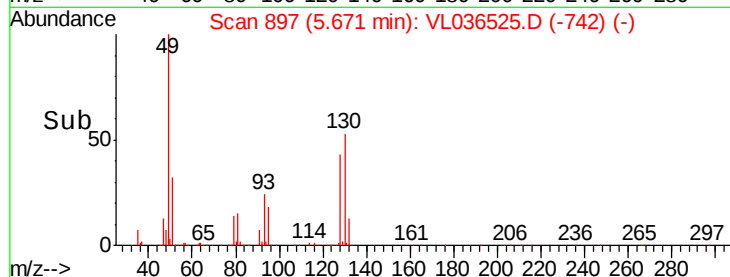
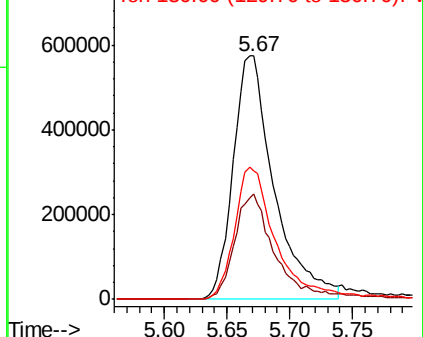
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Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 6.834 ppbv m

RT: 3.61 min Scan# 255

Delta R.T. -0.00 min

Lab File: VL036525.D

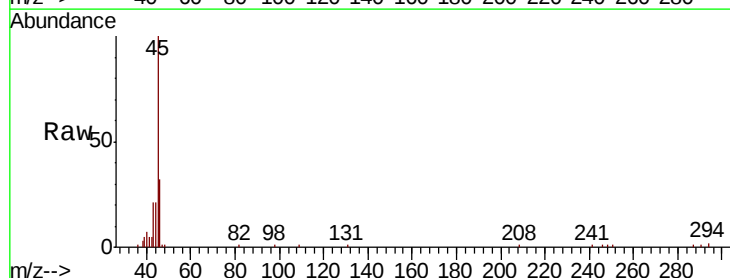
Acq: 26 Mar 2021 22:29

Tgt Ion: 45 Resp: 63477

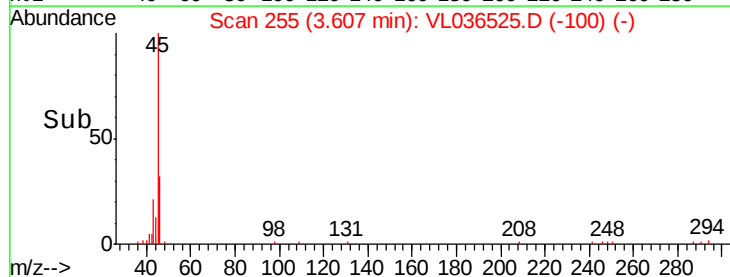
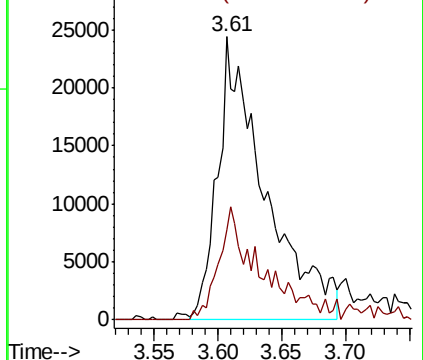
Ion Ratio Lower Upper

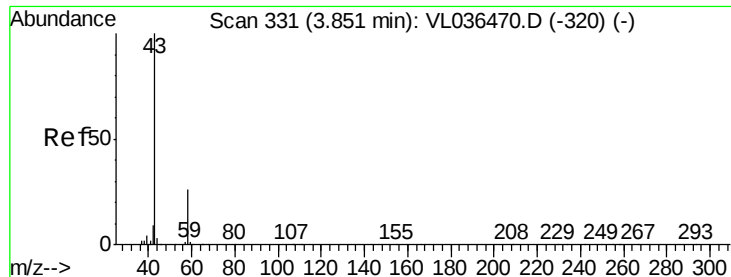
45 100

46 36.4 16.6 66.2



Abundance Ion 45.10 (44.80 to 45.80): VL0
Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.931 ppbv m

RT: 3.85 min Scan# 332

Delta R.T. 0.00 min

Lab File: VL036525.D

Acq: 26 Mar 2021 22:29

Instrument :

MSVOA_L

ClientSampleId :

IAS-4-STORAGE-RMDL

Tot Ion: 43 Resp: 119946

Ion Ratio Lower Upper

43 100

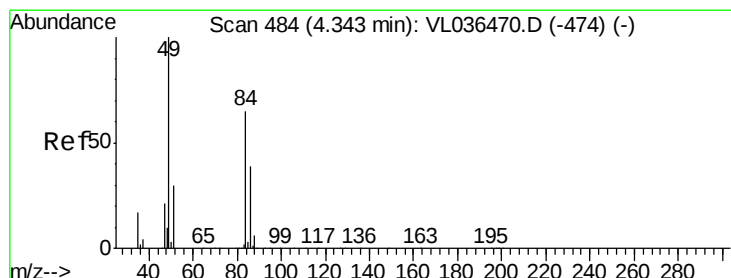
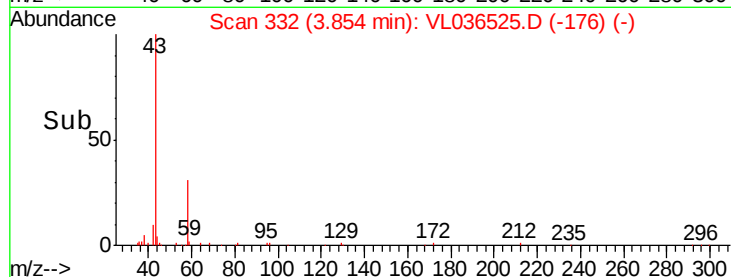
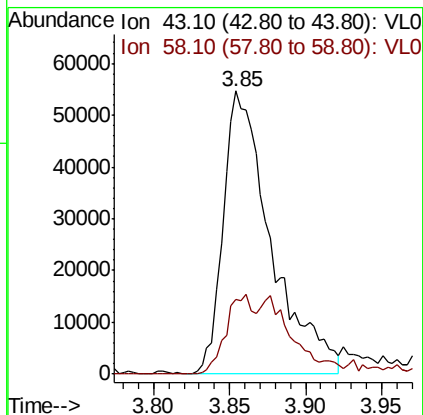
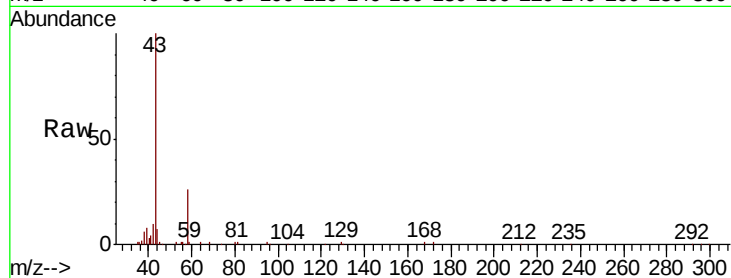
58 37.4 21.2 31.8#

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#20

Methylene Chloride

Concen: 0.518 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL036525.D

Acq: 26 Mar 2021 22:29

Tgt Ion: 84 Resp: 31262

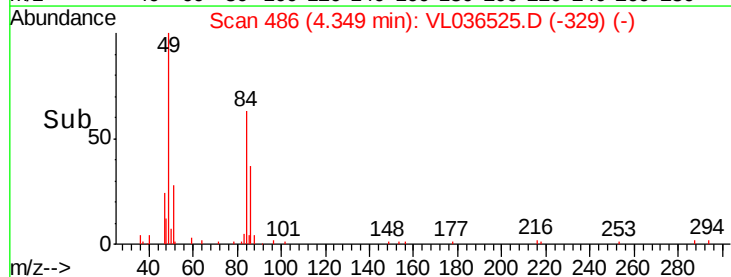
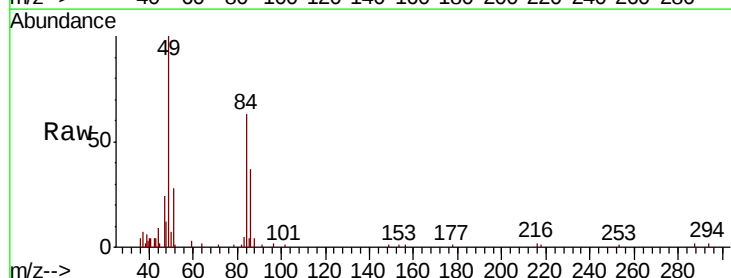
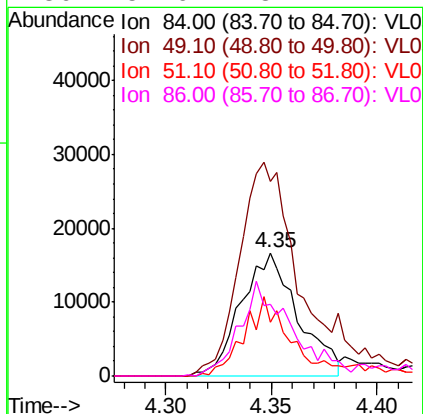
Ion Ratio Lower Upper

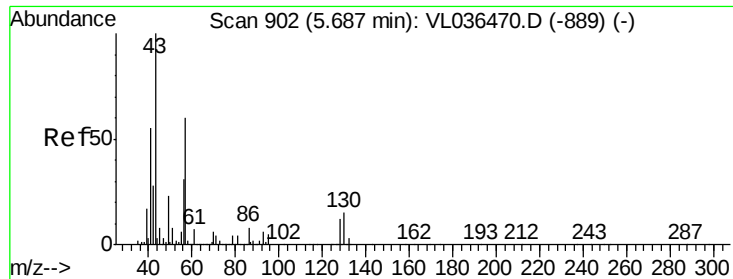
84 100

49 157.6 122.9 184.3

51 43.8 36.9 55.3

86 57.6 48.2 72.4





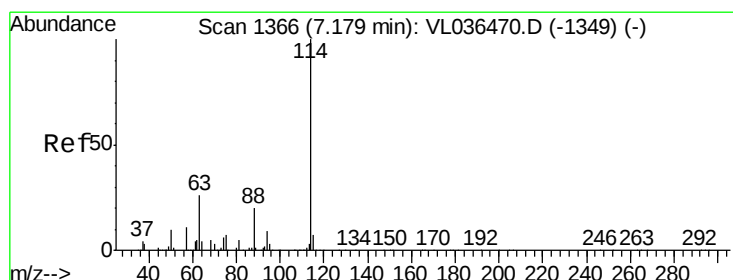
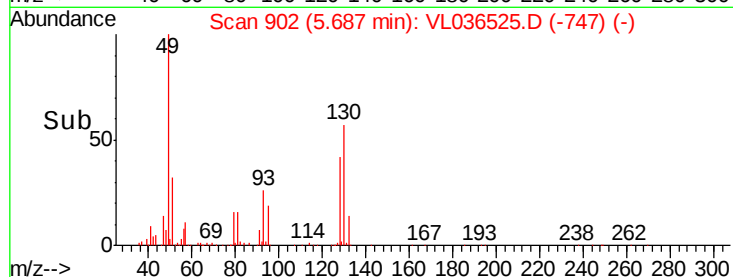
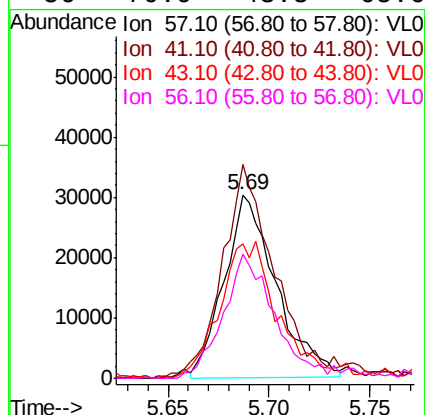
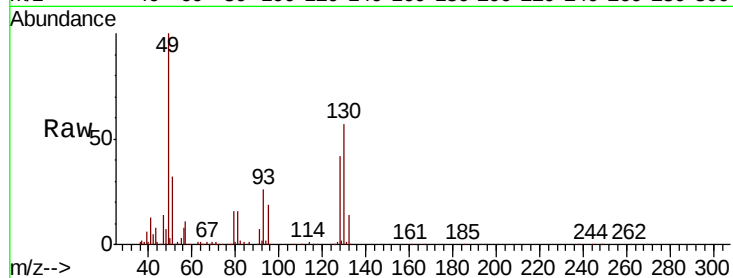
#26
Hexane
Concen: 0.382 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL036525.D
Acq: 26 Mar 2021 22:29

Instrument :
MSVOA_L
ClientSampleId :
IAS-4-STORAGE-RMDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	125.7	77.2	115.8#
43	88.6	173.8	260.6#
56	70.9	43.8	65.6#

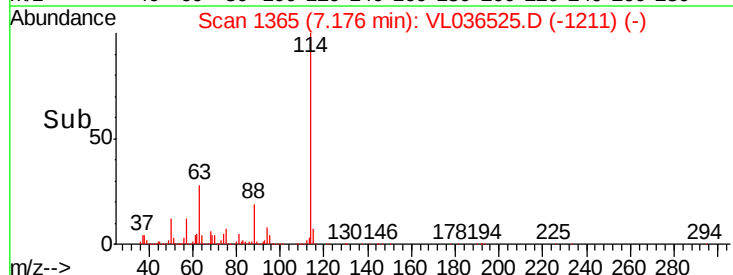
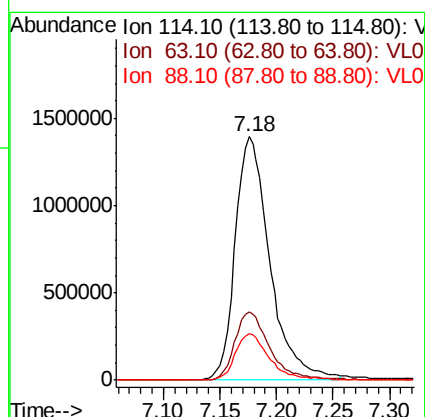
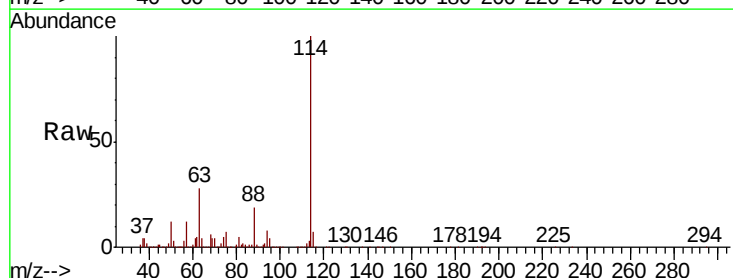
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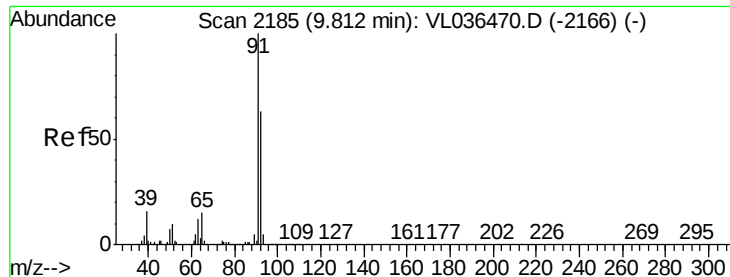
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL036525.D
Acq: 26 Mar 2021 22:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.7	22.4	33.6
88	18.8	15.4	23.0





#53

Toluene

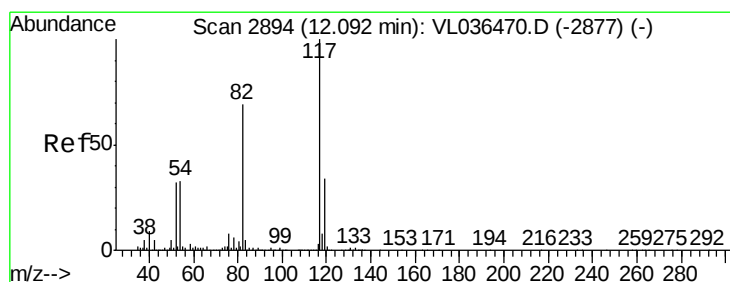
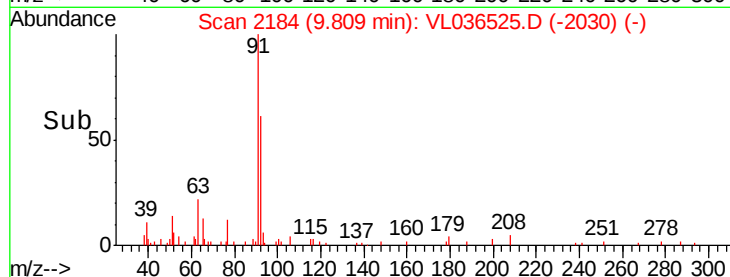
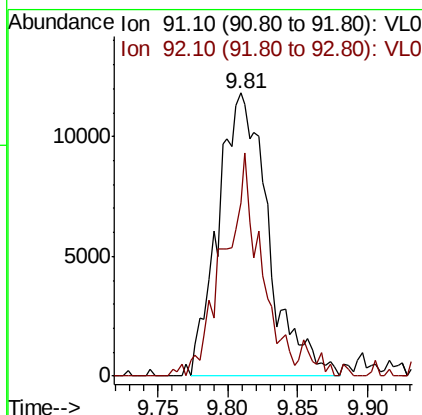
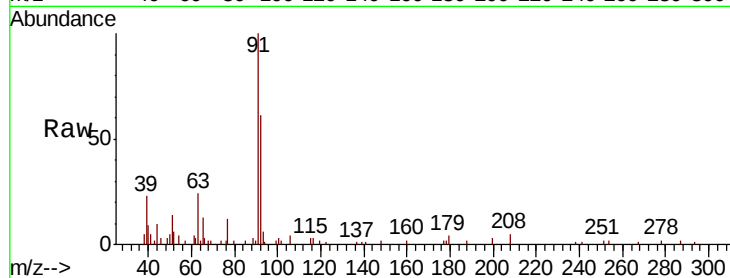
Concen: 0.101 ppbv m
RT: 9.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VL036525.D
Acq: 26 Mar 2021 22:29

Instrument :
MSVOA_L
ClientSampleId :
IAS-4-STORAGE-RMDL

Tot Ion	Ratio	Lower	Upper
91	100		
92	62.0	48.8	73.2

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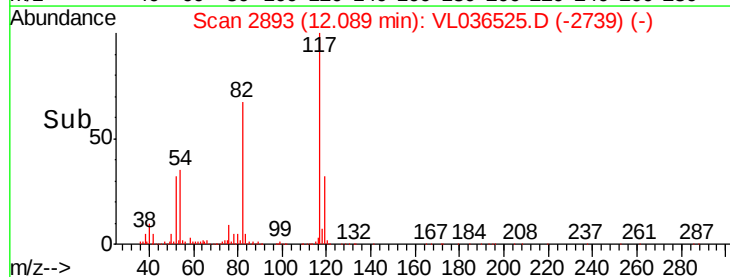
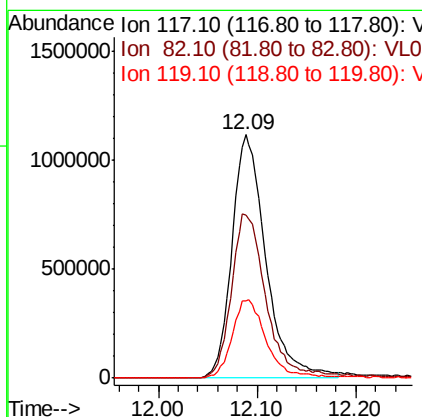
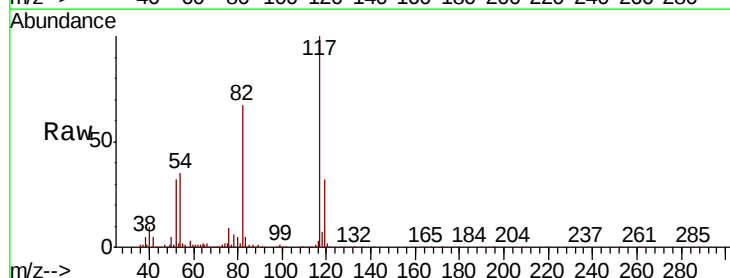


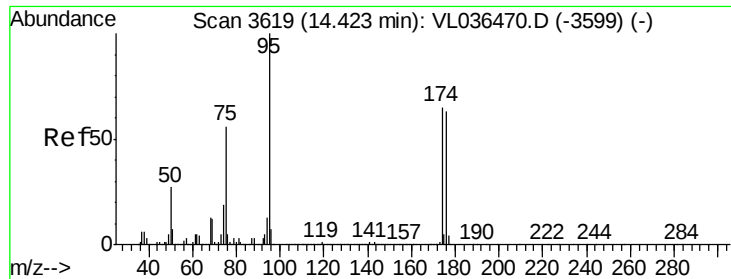
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL036525.D
Acq: 26 Mar 2021 22:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	70.4	57.4	86.0
119	33.6	47.4	71.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.780 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T. -0.00 min
 Lab File: VL036525.D
 Acq: 26 Mar 2021 22:29

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-4-STORAGE-RMDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	64.9	51.0	76.6
175	4.6	3.9	5.9

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