

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\
 Data File : VL035021.D
 Acq On : 14 May 2020 15:48
 Operator : SY/AP
 Sample : L2567-05DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3DL

Manual Integrations
 APPROVED

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 5/18/2020 6:47:46 PM

Quant Time: May 18 09:00:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	998377	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	2321613	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2260023	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1918259	10.49	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.57	45	20234	1.240	ppbv	98
15) Acetone	3.82	43	115970m	0.879	ppbv	
19) Isopropyl Alcohol	3.94	45	132227	1.502	ppbv #	93
53) Toluene	9.81	91	1764554	8.696	ppbv	98
59) m/p-Xylene	12.99	91	126922m	0.516	ppbv	
61) Styrene	13.55	104	83838m	0.546	ppbv	

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

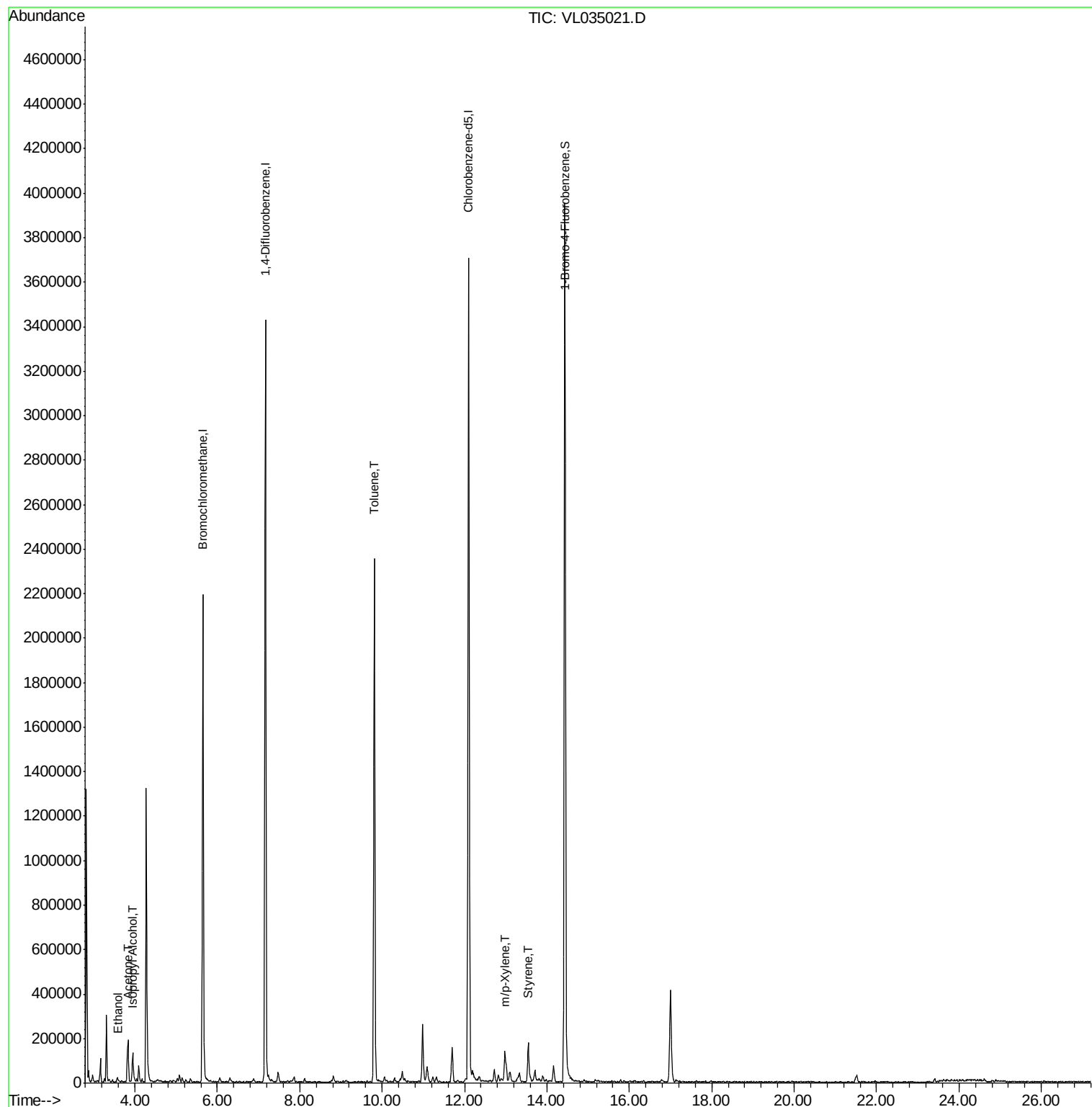
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051420\
Data File : VL035021.D
Acq On : 14 May 2020 15:48
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Misc : 400ml/MSVOA L
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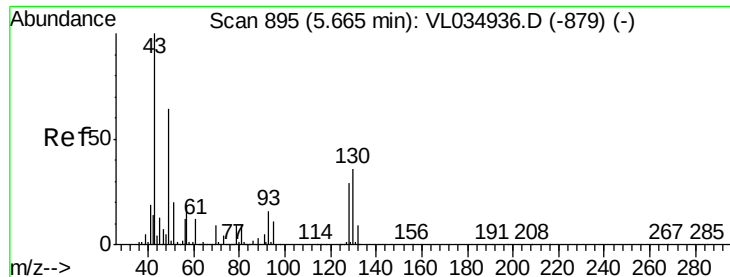
Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035021.D

Acq: 14 May 2020 15:48

Instrument :

MSVOA_L

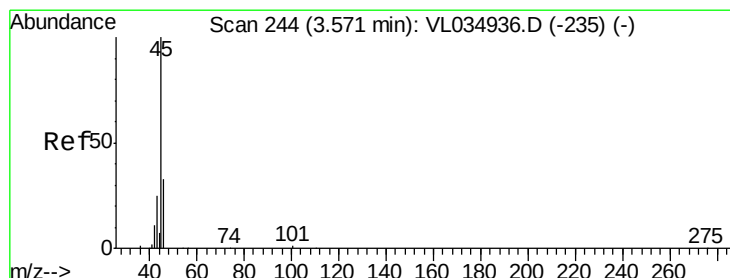
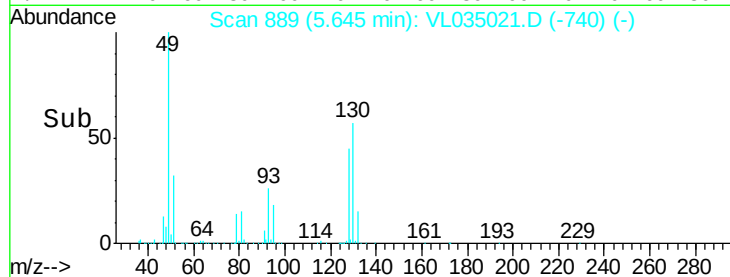
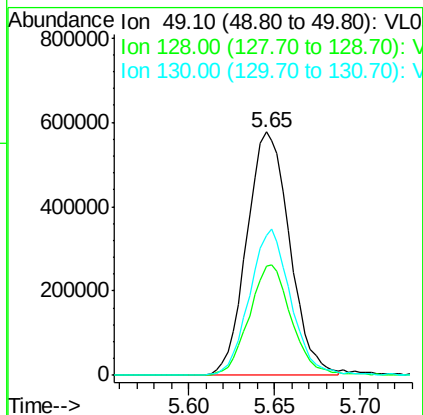
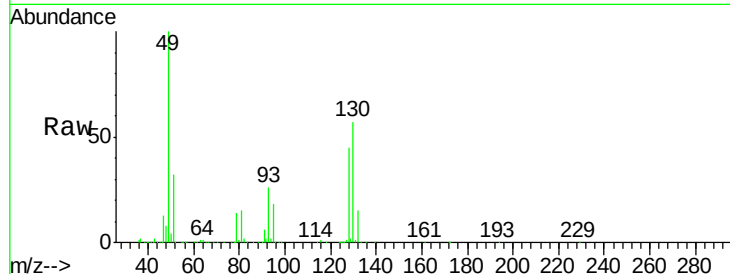
ClientSampled :

IA-3DL

Tot Ion:	49	Resp:	998377
Ion Ratio	Lower	Upper	
49	100		
128	45.3	22.1	66.5
130	58.4	29.1	87.3

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#13

Ethanol

Concen: 1.240 ppbv

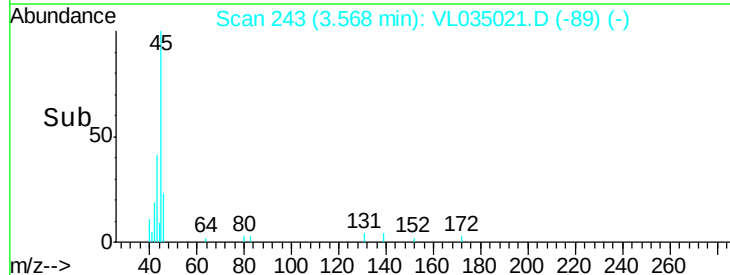
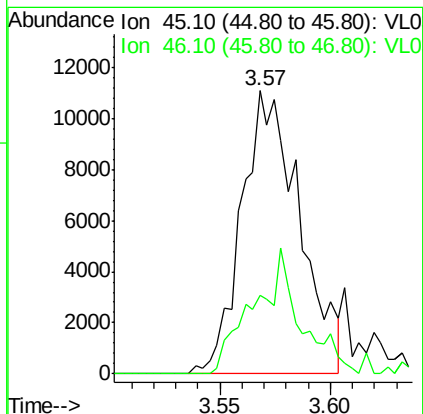
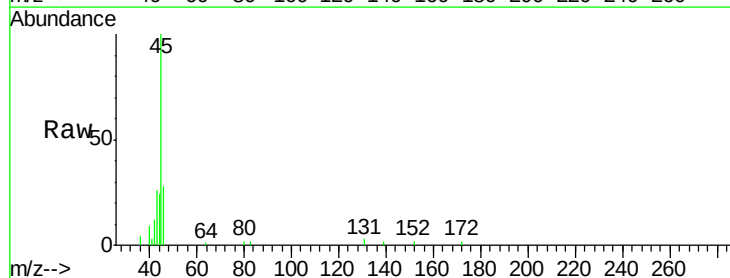
RT: 3.57 min Scan# 243

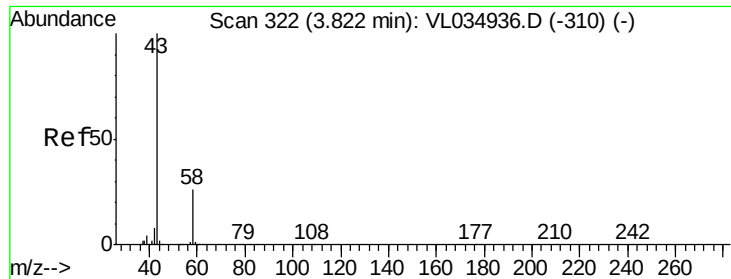
Delta R.T. -0.00 min

Lab File: VL035021.D

Acq: 14 May 2020 15:48

Tgt Ion:	45	Resp:	20234
Ion Ratio	Lower	Upper	
45	100		
46	36.7	14.3	57.3





#15

Acetone

Concen: 0.879 ppbv m

RT: 3.82 min Scan# 320

Delta R.T. -0.01 min

Lab File: VL035021.D

Acq: 14 May 2020 15:48

Instrument :

MSVOA_L

ClientSampled :

IA-3DL

Tot Ion: 43 Resp: 115970

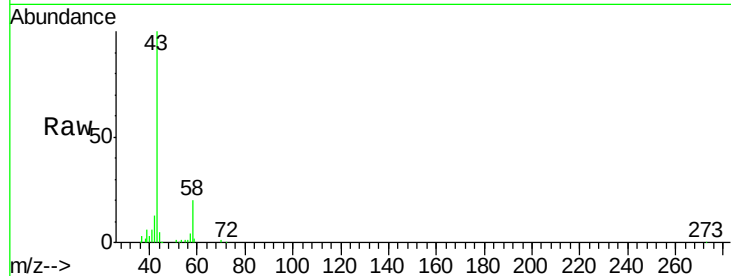
Ion Ratio Lower Upper

43 100

58 34.9 21.7 32.5#

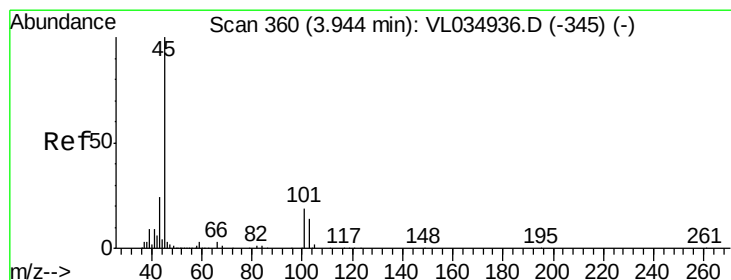
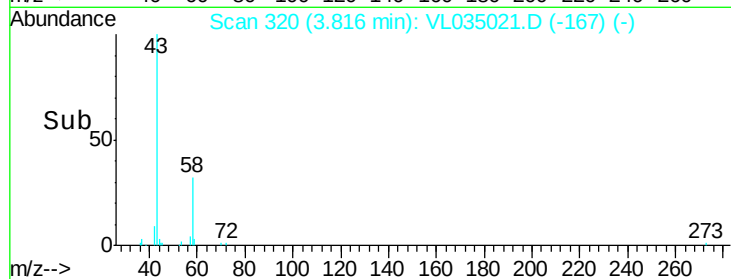
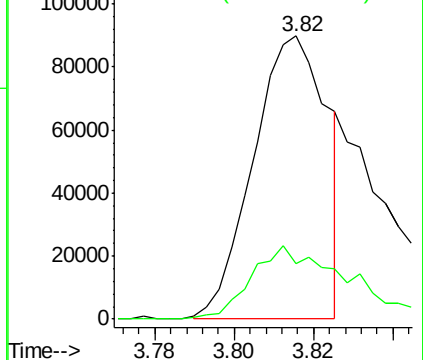
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#19

Isopropyl Alcohol

Concen: 1.502 ppbv

RT: 3.94 min Scan# 360

Delta R.T. -0.00 min

Lab File: VL035021.D

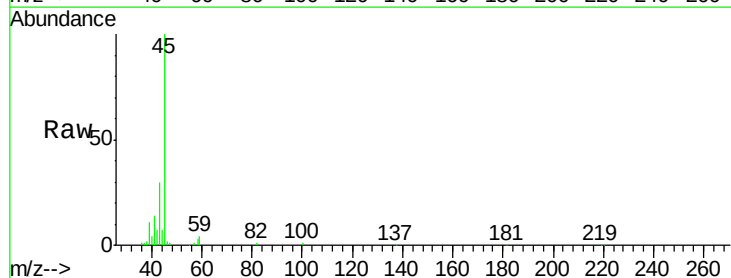
Acq: 14 May 2020 15:48

Tgt Ion: 45 Resp: 132227

Ion Ratio Lower Upper

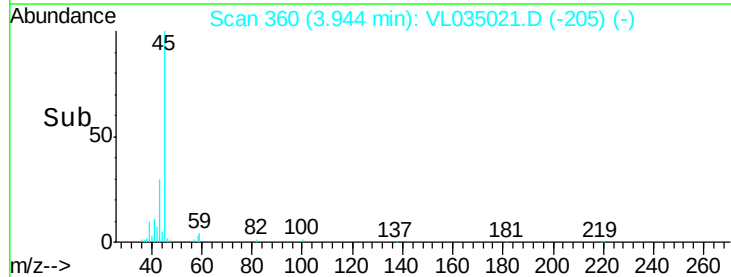
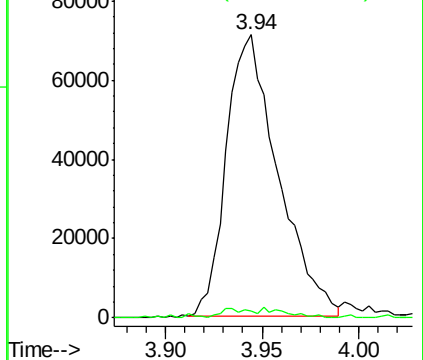
45 100

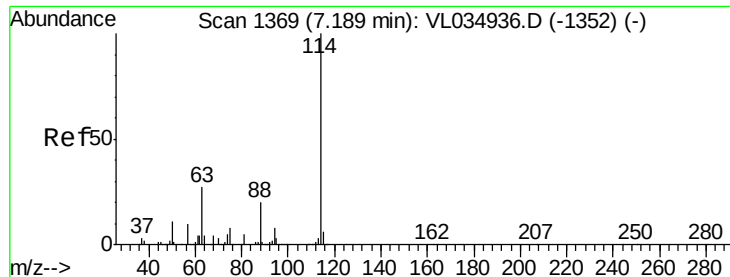
58 4.7 1.7 2.5#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





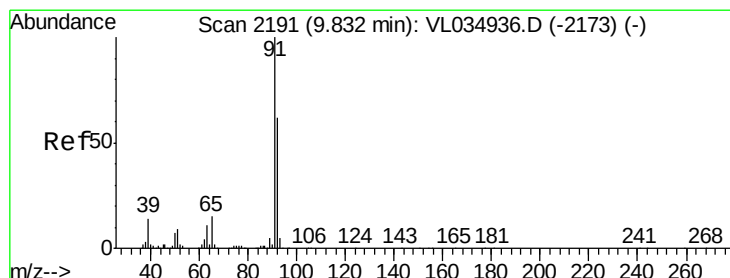
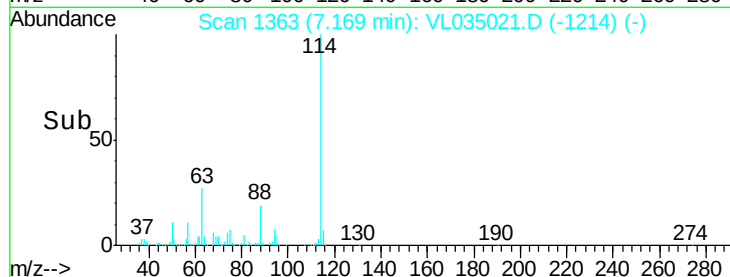
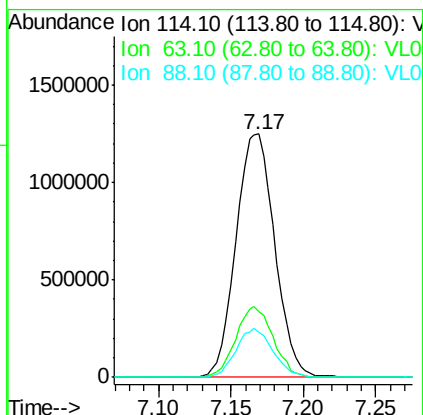
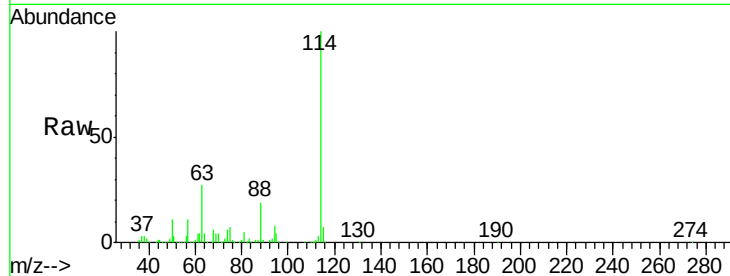
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.02 min
 Lab File: VL035021.D
 Acq: 14 May 2020 15:48

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.2	33.4
88	19.1	15.5	23.3

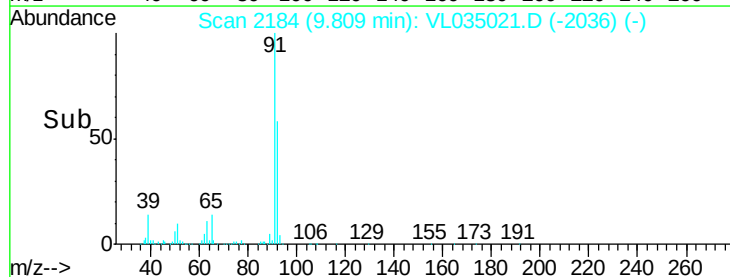
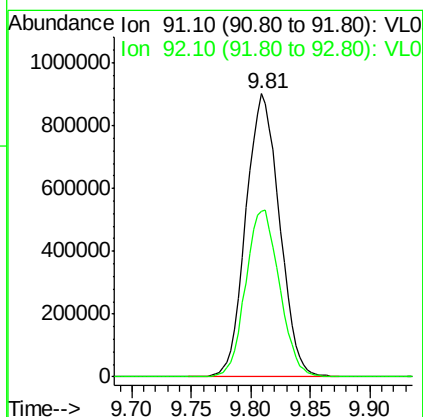
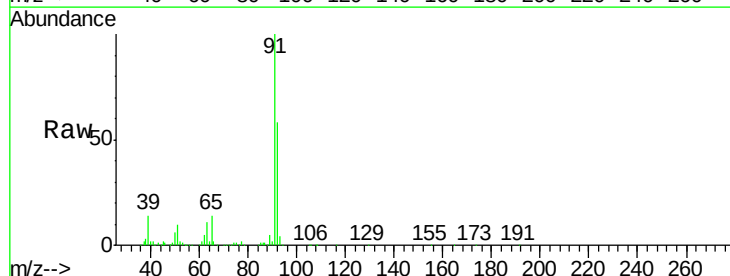
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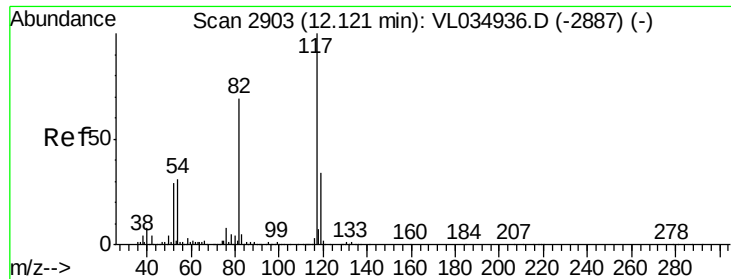
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#53
 Toluene
 Concen: 8.696 ppbv
 RT: 9.81 min Scan# 2184
 Delta R.T. -0.02 min
 Lab File: VL035021.D
 Acq: 14 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.5	48.6	73.0





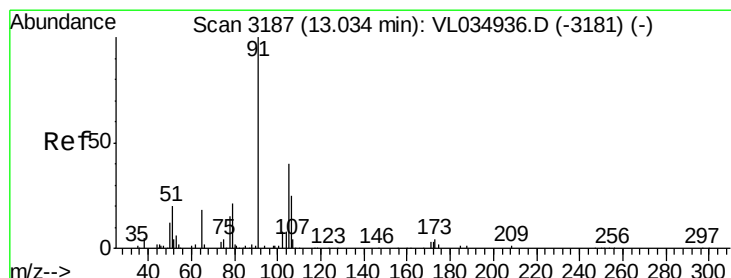
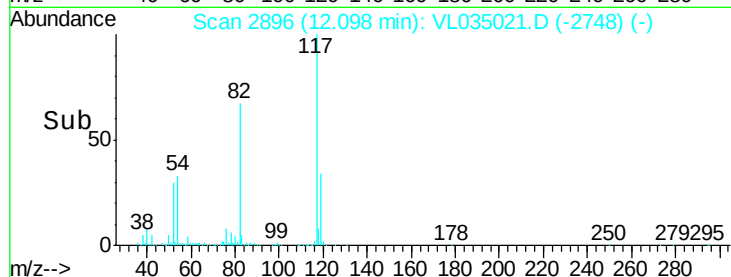
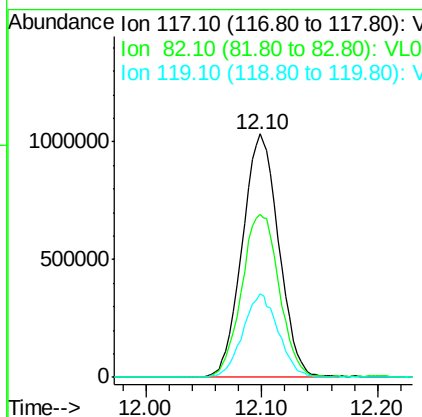
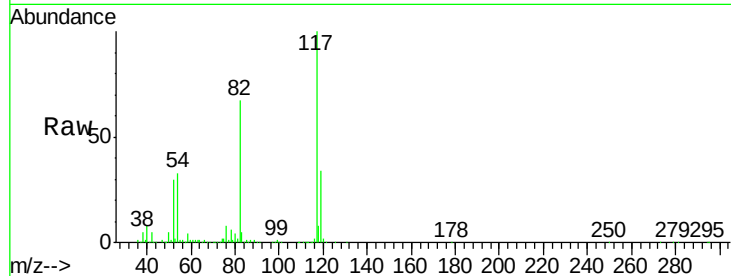
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: VL035021.D
Acq: 14 May 2020 15:48

Instrument :
MSVOA_L
ClientSampled :
IA-3DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.2	53.1	79.7
119	33.4	26.7	40.1

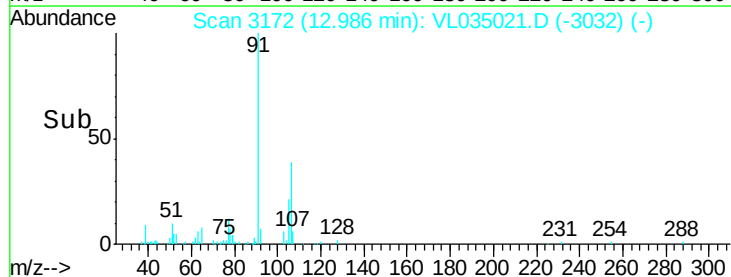
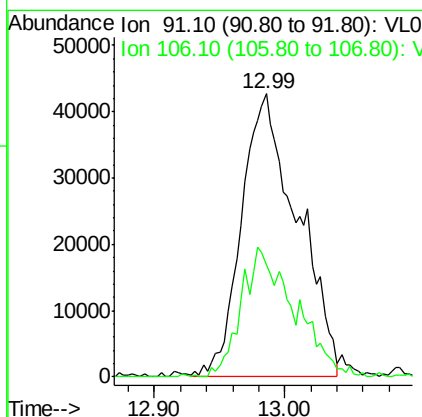
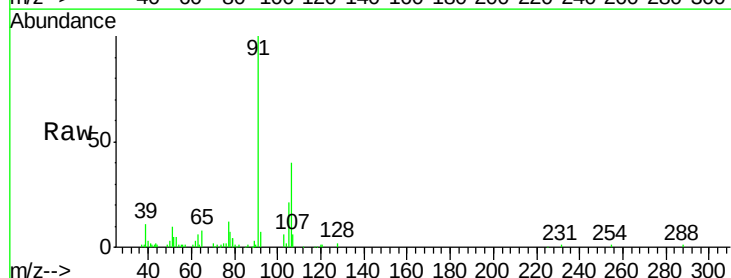
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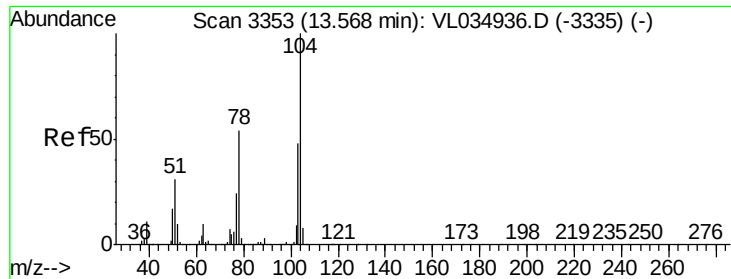
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#59
m/p-Xylene
Concen: 0.516 ppbv m
RT: 12.99 min Scan# 3172
Delta R.T. -0.05 min
Lab File: VL035021.D
Acq: 14 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	66.0	99.0#





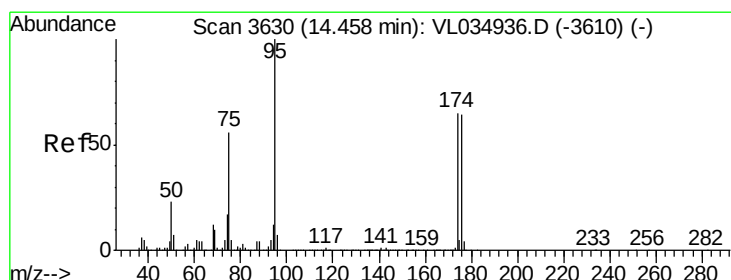
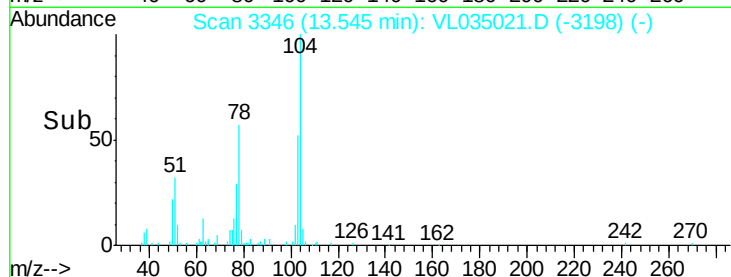
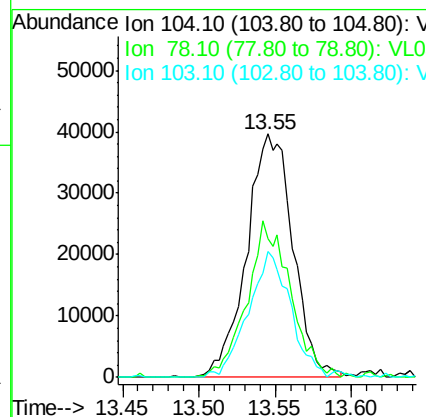
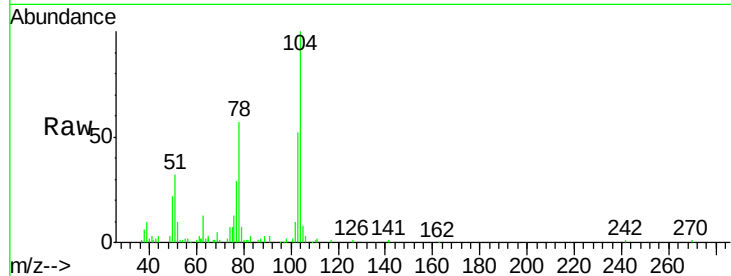
#61
Stvrene
Concen: 0.546 ppbv m
RT: 13.55 min Scan# 3346
Delta R.T. -0.02 min
Lab File: VL035021.D
Acq: 14 May 2020 15:48

Instrument :
MSVOA_L
ClientSampled :
IA-3DL

Tot Ion	Ratio	Lower	Upper
104	100		
78	60.4	43.7	65.5
103	47.7	38.8	58.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.486 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.03 min
Lab File: VL035021.D
Acq: 14 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.2	51.5	77.3
175	4.9	3.8	5.8

