

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051419\
 Data File : VL033696.D
 Acq On : 14 May 2019 18:16
 Operator : SY/AP
 Sample : K2730-02DL DUP 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS02DL DUP

Manual Integrations
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 5/16/2019 5:41:16 AM

Quant Time: May 15 03:58:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon May 0
 QLast Update : Mon May 06 15:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	916979	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2239349	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2297604	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1848742	9.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	328696m	6.511	ppbv	
13) Ethanol	3.66	45	31710m	2.093	ppbv	
15) Acetone	3.91	43	843465m	6.183	ppbv	
19) Isopropyl Alcohol	4.04	45	56024m	0.668	ppbv	
26) Hexane	5.78	57	62040	0.650	ppbv #	37
30) Cyclohexane	7.25	84	607140	7.578	ppbv	98
34) 2-Butanone	5.34	43	37588m	0.262	ppbv	
59) m/p-Xylene	13.11	91	37351m	0.142	ppbv	
62) Isopropylbenzene	14.82	105	66955	0.184	ppbv	98

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

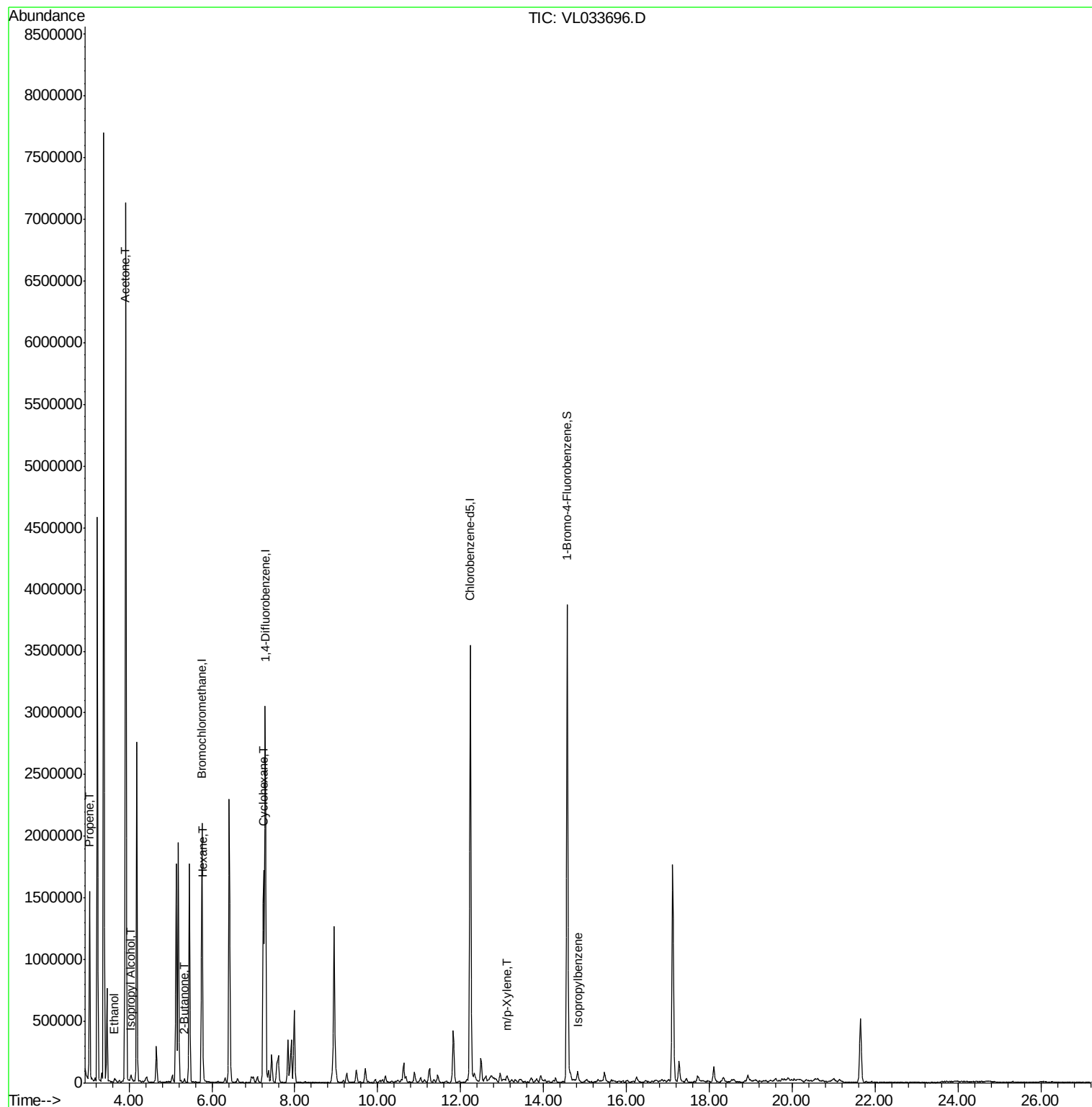
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051419\
Data File : VL033696.D
Acq On : 14 May 2019 18:16
Operator : SY/AP
Sample : K2730-02DLUP 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

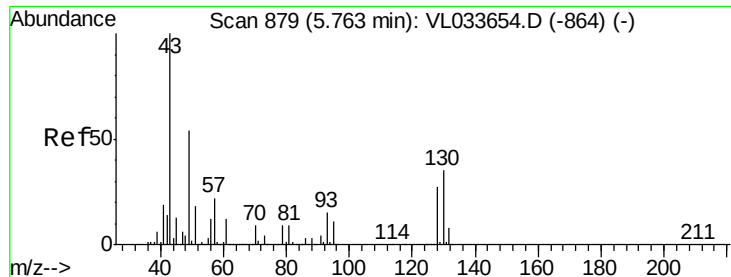
Instrument :
MSVOA_L
ClientSampleId :
SS02DLUP

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Quant Time: May 15 03:58:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon May
QLast Update : Mon May 06 15:19:01 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033696.D

Acq: 14 May 2019 18:16

Instrument :

MSVOA_L

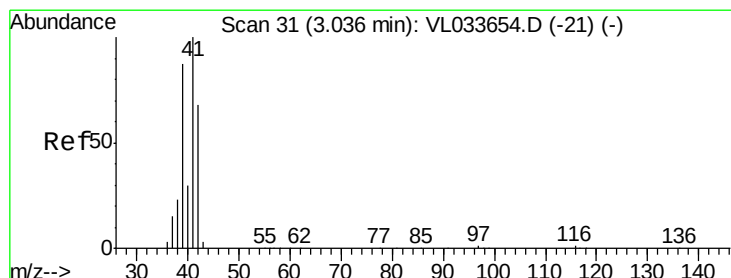
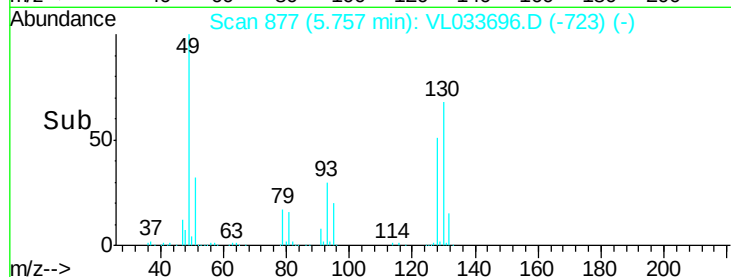
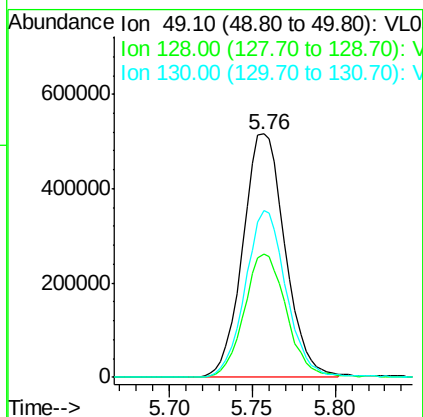
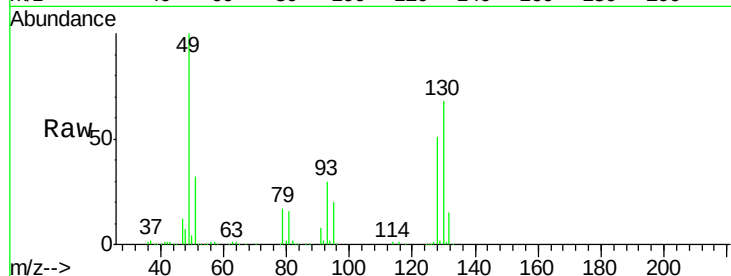
ClientSampleId :

SS02DLDP

Tot Ion:	49	Resp:	916979
Ion	Ratio	Lower	Upper
49	100		
128	51.0	24.8	74.3
130	67.1	32.1	96.5

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#9

Propene

Concen: 6.511 ppbv m

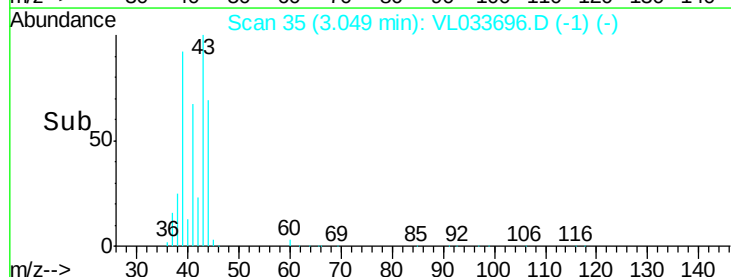
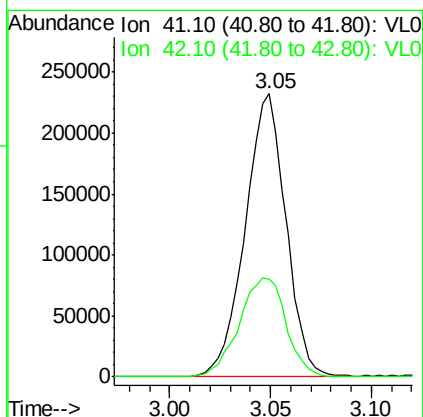
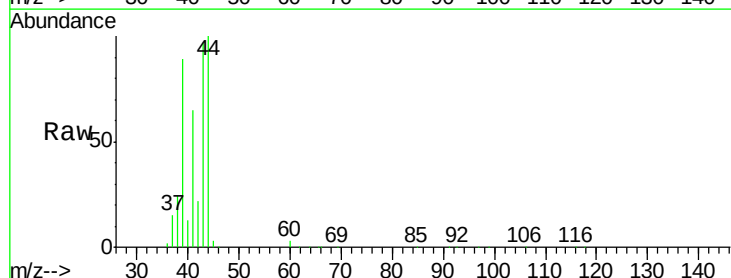
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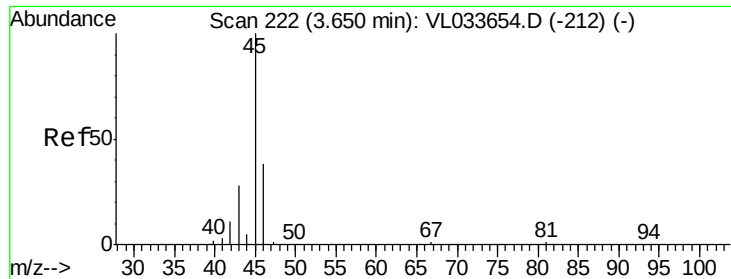
Delta R.T. 0.01 min

Lab File: VL033696.D

Acq: 14 May 2019 18:16

Tgt Ion:	41	Resp:	328696
Ion	Ratio	Lower	Upper
41	100		
42	251.8	55.6	83.4#





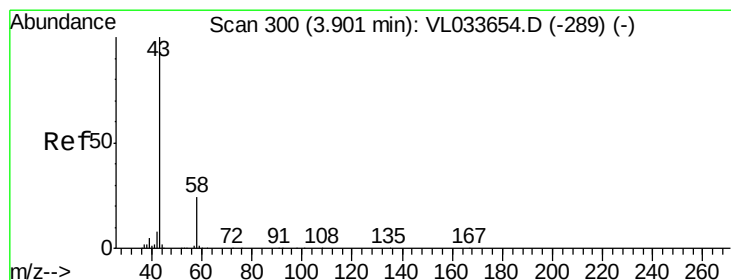
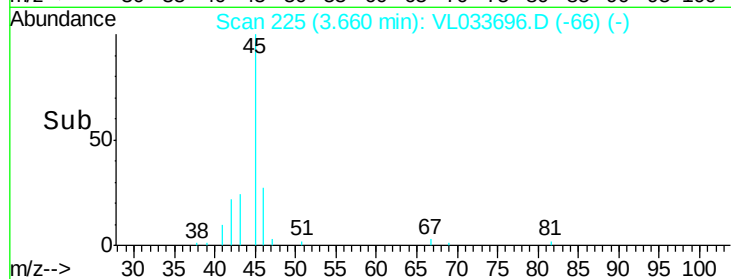
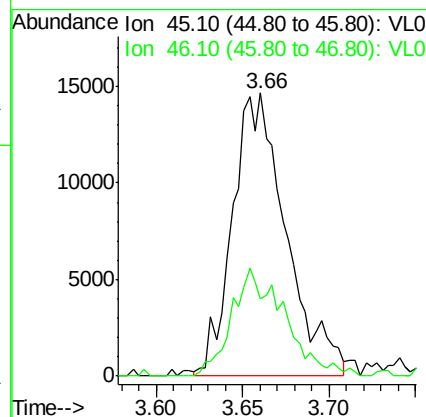
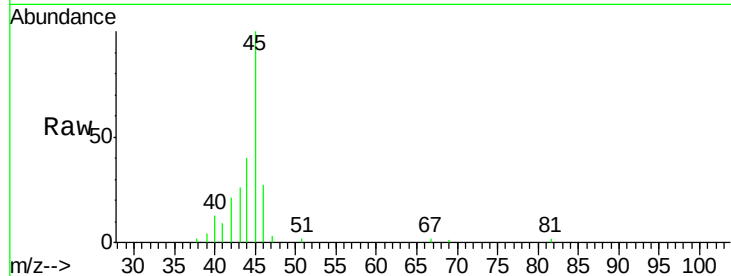
#13
Ethanol
Concen: 2.093 ppbv m
RT: 3.66 min Scan# 225
Delta R.T. 0.01 min
Lab File: VL033696.D
Acq: 14 May 2019 18:16

Instrument :
MSVOA_L
ClientSampleId :
SS02DLDUP

Tot Ion: 45 Resp: 31710
Ion Ratio Lower Upper
45 100
46 37.5 14.9 59.7

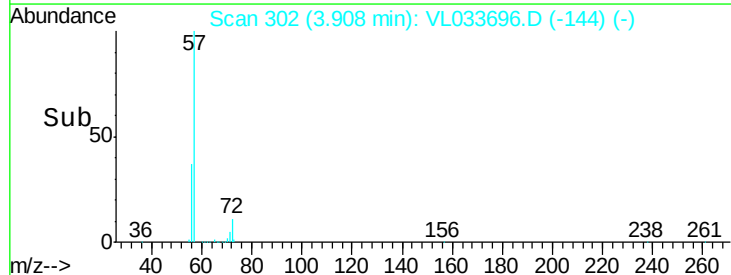
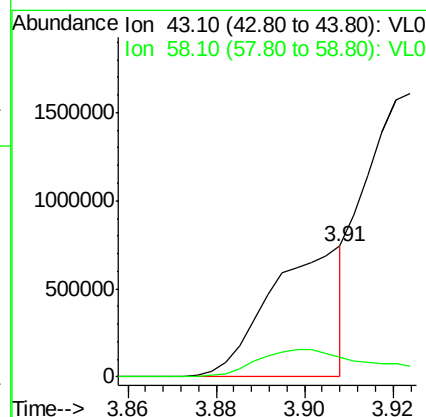
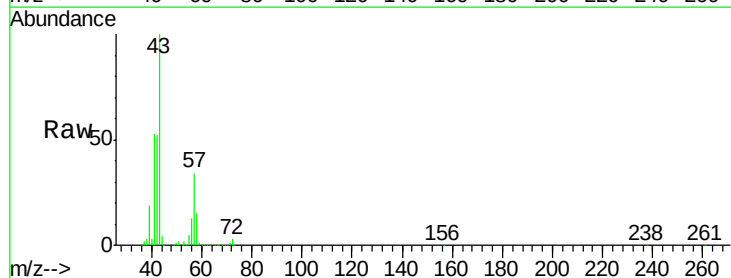
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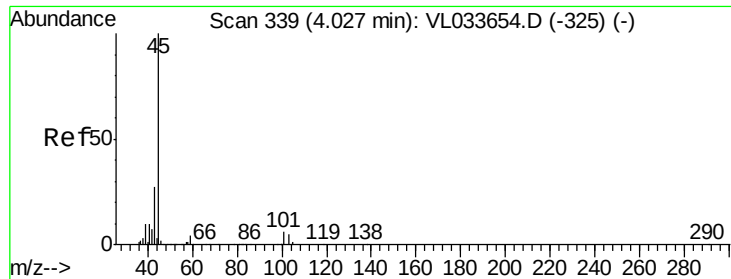
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#15
Acetone
Concen: 6.183 ppbv m
RT: 3.91 min Scan# 302
Delta R.T. 0.01 min
Lab File: VL033696.D
Acq: 14 May 2019 18:16

Tgt Ion: 43 Resp: 843465
Ion Ratio Lower Upper
43 100
58 36.4 20.9 31.3#





#19

Isopropyl Alcohol

Concen: 0.668 ppbv m

RT: 4.04 min Scan# 344

Delta R.T. 0.02 min

Lab File: VL033696.D

Acq: 14 May 2019 18:16

Instrument :

MSVOA_L

ClientSampleId :

SS02DLDUP

Tot Ion: 45 Resp: 56024

Ion Ratio Lower Upper

45 100

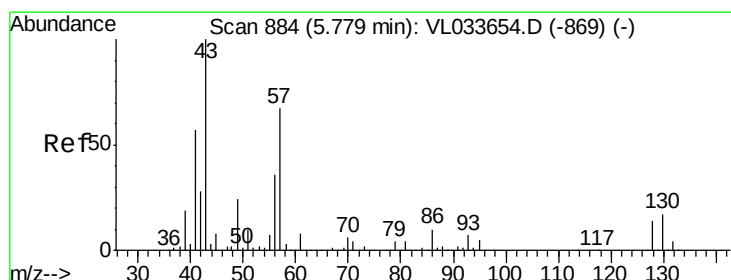
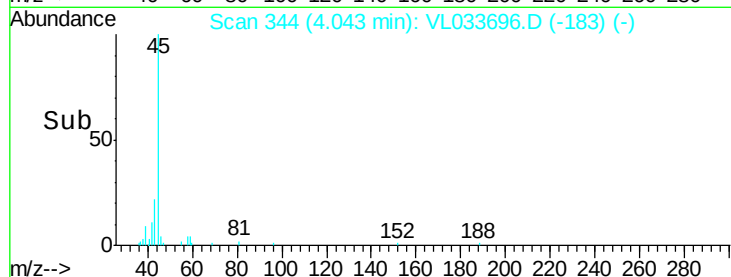
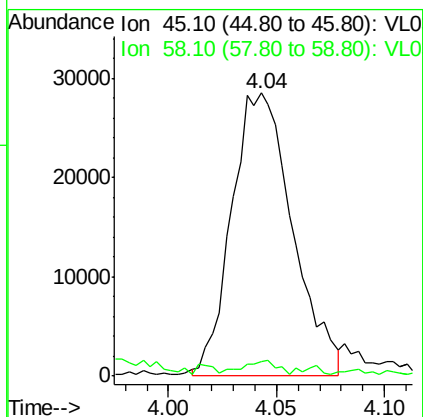
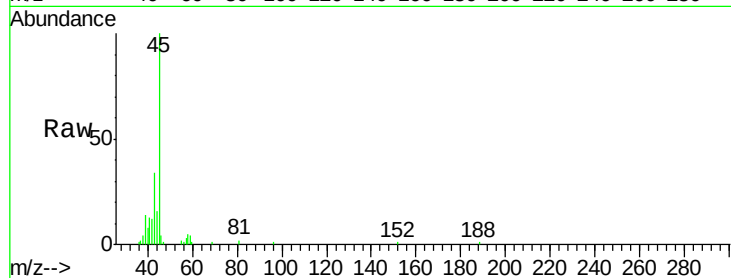
58 0.0 2.0 3.0#

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#26

Hexane

Concen: 0.650 ppbv

RT: 5.78 min Scan# 884

Delta R.T. 0.00 min

Lab File: VL033696.D

Acq: 14 May 2019 18:16

Tgt Ion: 57 Resp: 62040

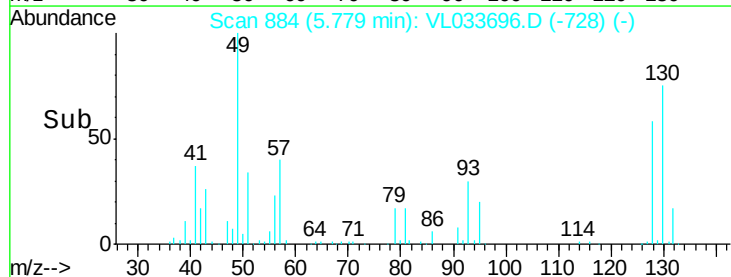
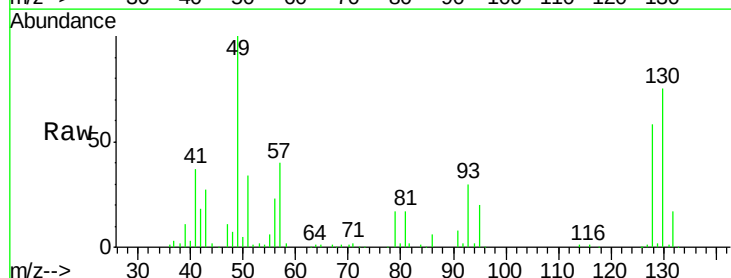
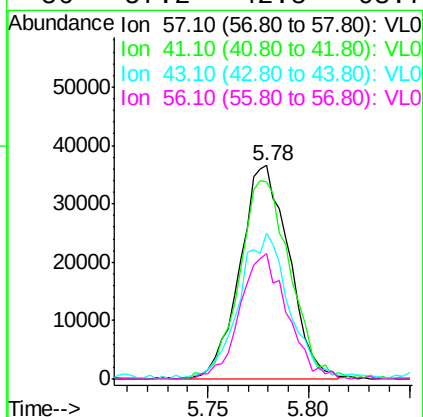
Ion Ratio Lower Upper

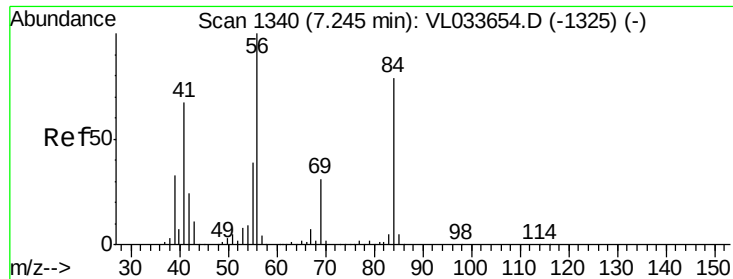
57 100

41 97.6 69.7 104.5

43 69.5 181.9 272.9#

56 57.2 42.5 63.7





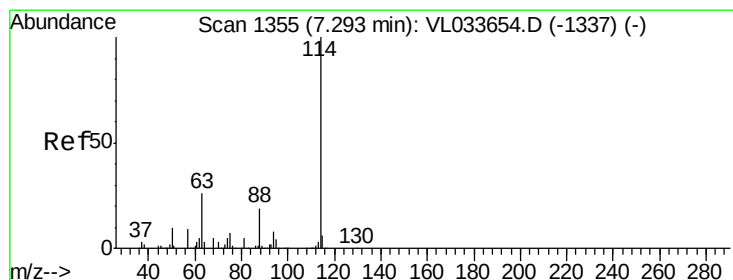
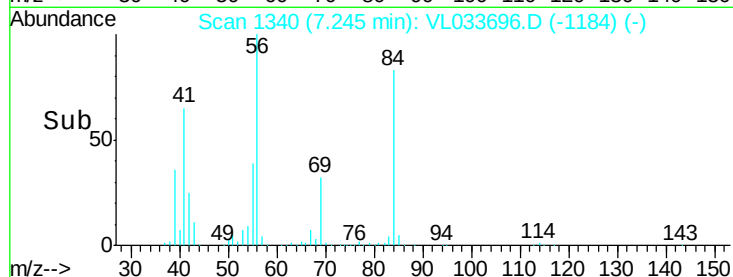
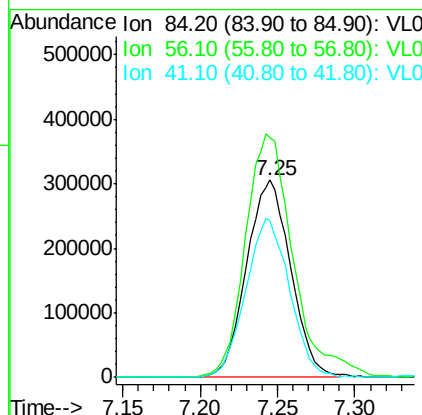
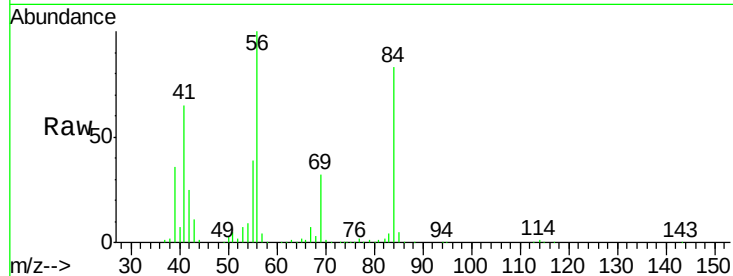
#30
Cyclohexane
Concen: 7.578 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VL033696.D
Acq: 14 May 2019 18:16

Instrument :
MSVOA_L
ClientSampleId :
SS02DLDUP

Tot Ion	Ratio	Lower	Upper
84	100		
56	133.4	107.0	160.4
41	79.9	66.6	99.8

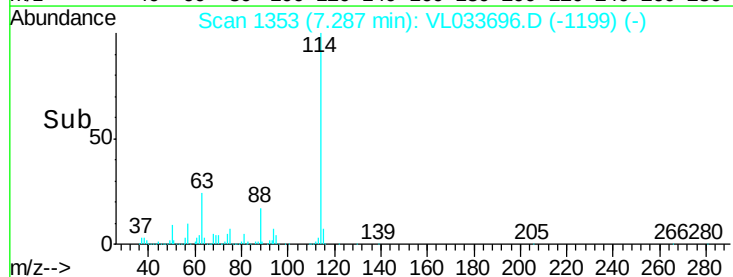
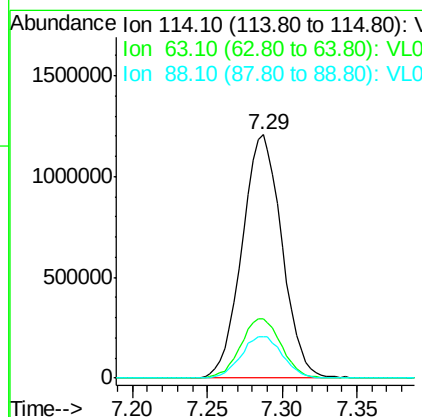
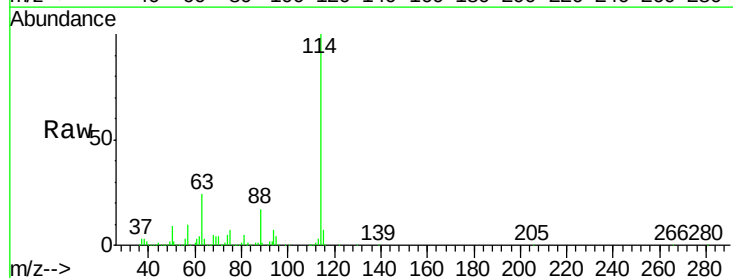
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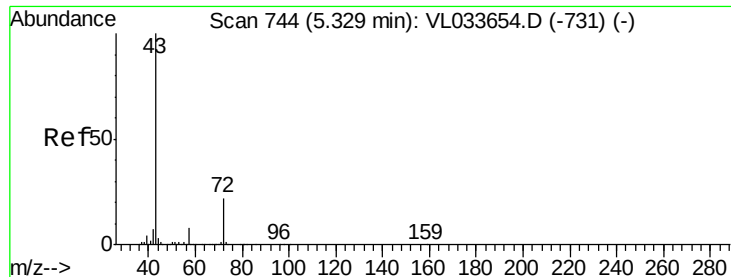
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033696.D
Acq: 14 May 2019 18:16

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.1	21.3	31.9
88	17.8	14.4	21.6





#34

2-Butanone

Concen: 0.262 ppbv m

RT: 5.34 min Scan# 747

Delta R.T. 0.01 min

Lab File: VL033696.D

Acq: 14 May 2019 18:16

Instrument :

MSVOA_L

ClientSampleId :

SS02DLDP

Tot Ion: 43 Resp: 37588

Ion Ratio Lower Upper

43 100

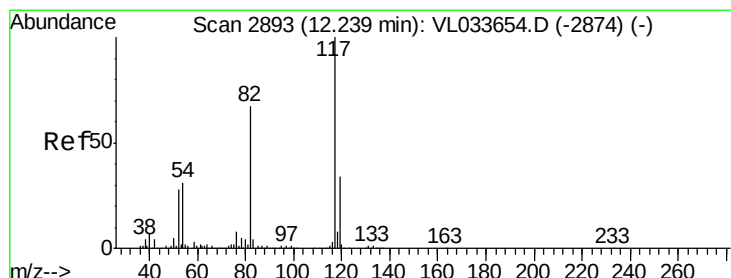
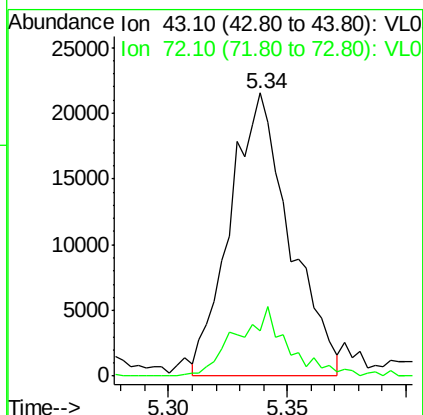
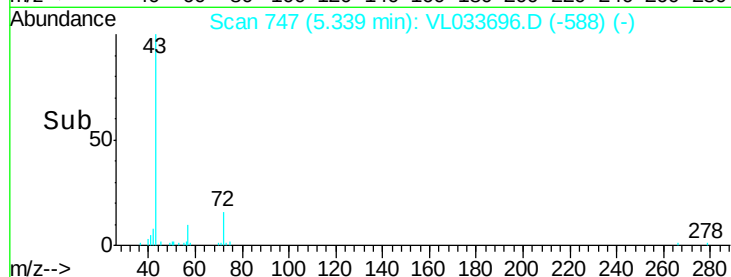
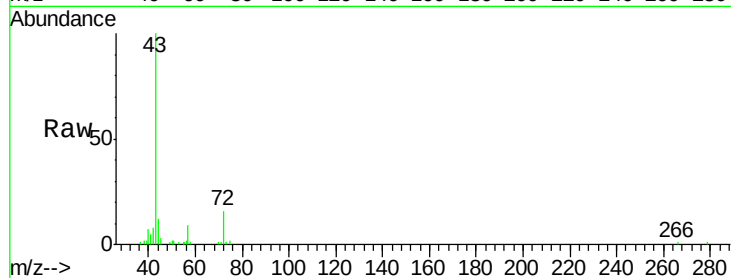
72 21.6 17.5 26.3

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.23 min Scan# 2891

Delta R.T. -0.01 min

Lab File: VL033696.D

Acq: 14 May 2019 18:16

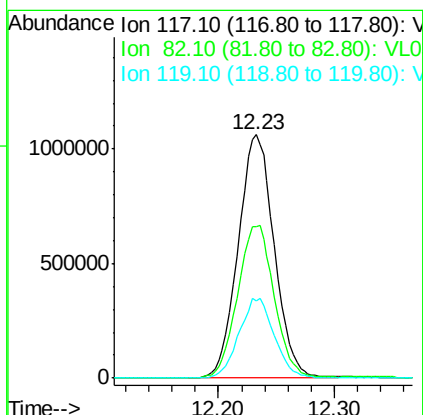
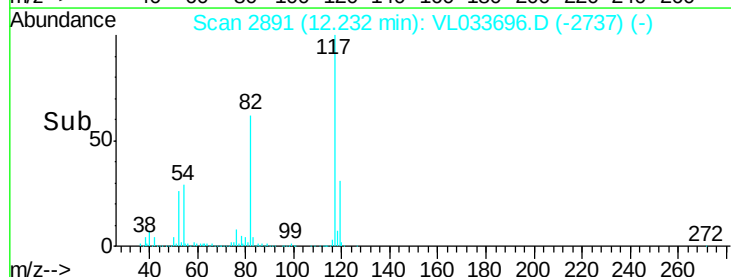
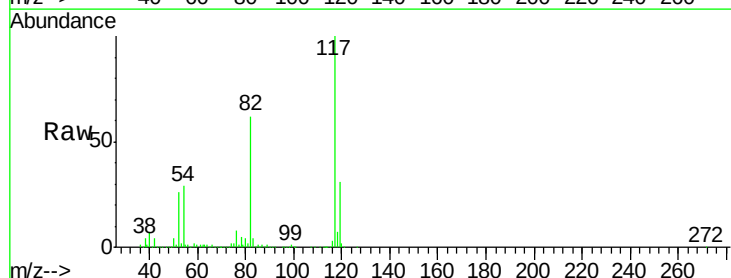
Tgt Ion: 117 Resp: 2297604

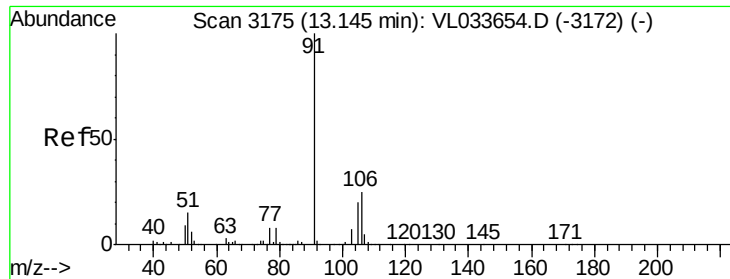
Ion Ratio Lower Upper

117 100

82 63.9 49.7 74.5

119 32.3 24.8 37.2





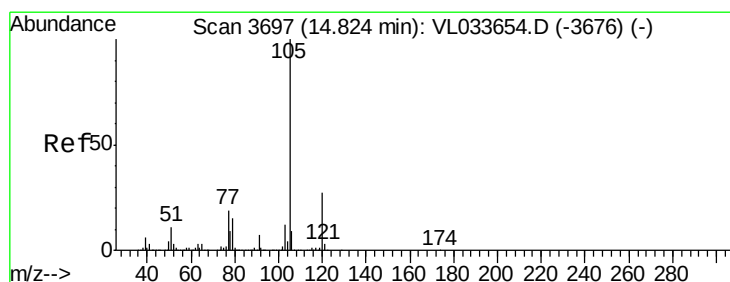
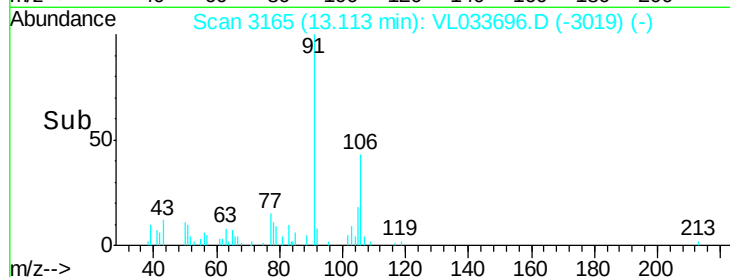
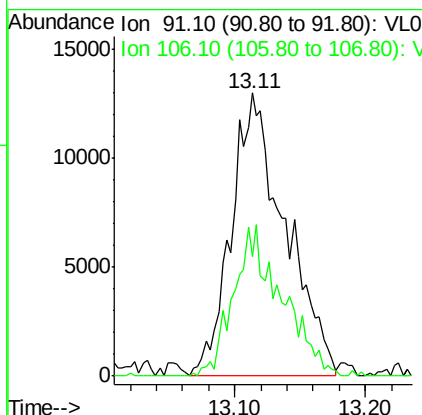
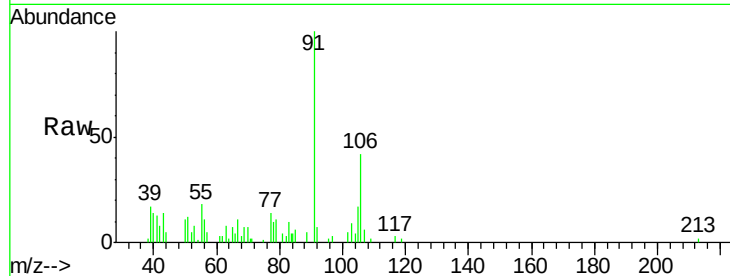
#59
m/p-Xylene
Concen: 0.142 ppbv m
RT: 13.11 min Scan# 3165
Delta R.T. -0.03 min
Lab File: VL033696.D
Acq: 14 May 2019 18:16

Instrument :
MSVOA_L
ClientSampled :
SS02DLDUP

Tot Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.2	54.2#

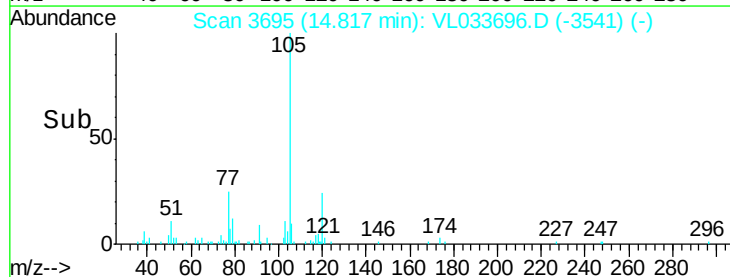
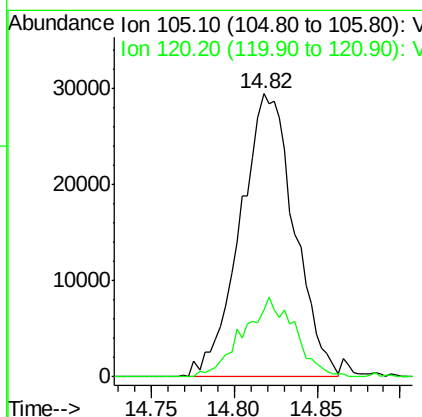
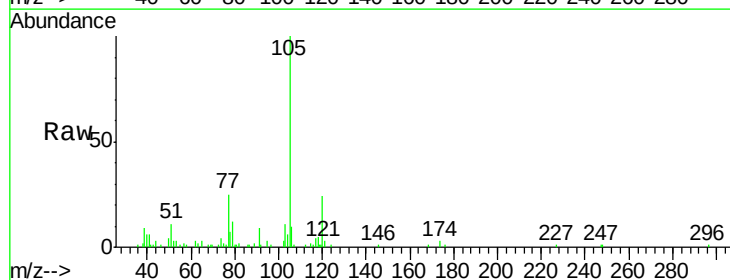
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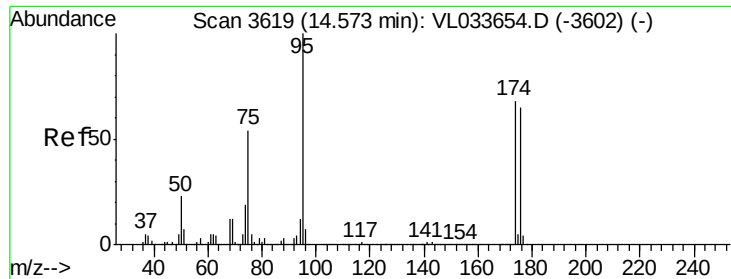
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#62
Isopropylbenzene
Concen: 0.184 ppbv
RT: 14.82 min Scan# 3695
Delta R.T. -0.01 min
Lab File: VL033696.D
Acq: 14 May 2019 18:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	20.5	30.7





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.816 ppbv
 RT: 14.57 min Scan# 3618
 Delta R.T. -0.00 min
 Lab File: VL033696.D
 Acq: 14 May 2019 18:16

Instrument :
 MSVOA_L
 ClientSampleId :
 SS02DLDP

Tot Ion: 95 Resp: 1848742
 Ion Ratio Lower Upper
 95 100
 174 69.8 54.0 81.0
 175 5.0 3.8 5.8

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