

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040419\
 Data File : VL033553.D
 Acq On : 5 Apr 2019 4:08
 Operator : SY/AP
 Sample : K2226-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:22:31 AM

Quant Time: Apr 07 23:16:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 2019
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1308277	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3409963	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	3399140	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	2607529	9.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	53212	0.841	ppbv	89
13) Ethanol	3.66	45	43672	2.668	ppbv	63
15) Acetone	3.90	43	958966	6.096	ppbv	98
26) Hexane	5.78	57	59285	0.457	ppbv #	77
34) 2-Butanone	5.34	43	24409	0.119	ppbv	94
53) Toluene	9.94	91	65775	0.198	ppbv	99
59) m/p-Xylene	13.12	91	59913m	0.148	ppbv	

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

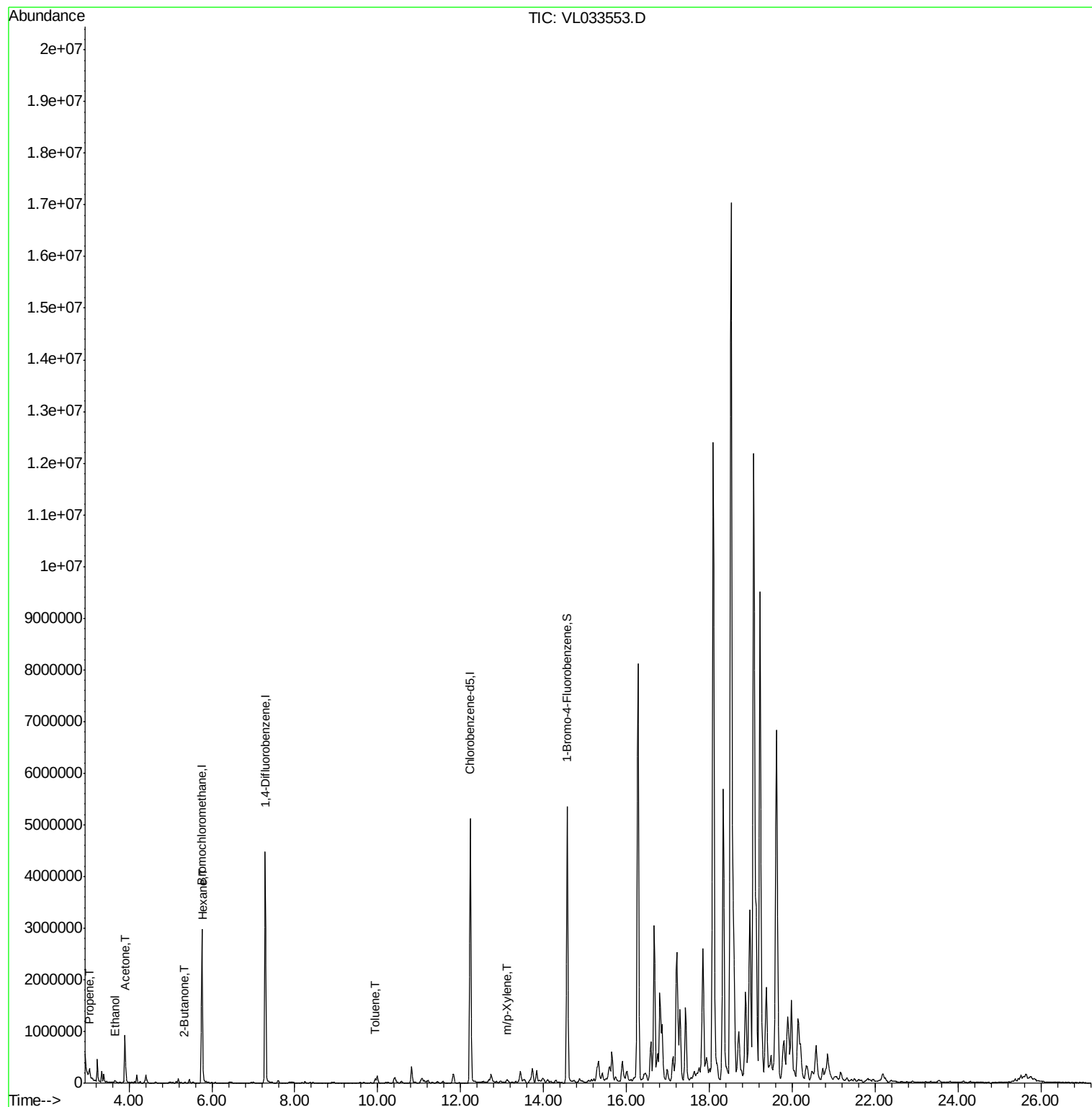
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040419\
Data File : VL033553.D
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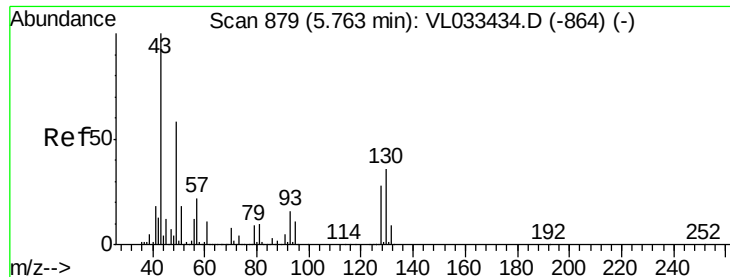
Instrument :
MSVOA_L
ClientSampleId :
SV2DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar
QLast Update : Tue Mar 26 16:00:50 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: VL033553.D

Acq: 5 Apr 2019 4:08

Instrument :

MSVOA_L

ClientSampled :

SV2DL

Tot Ion: 49 Resp: 1308277

Ion Ratio Lower Upper

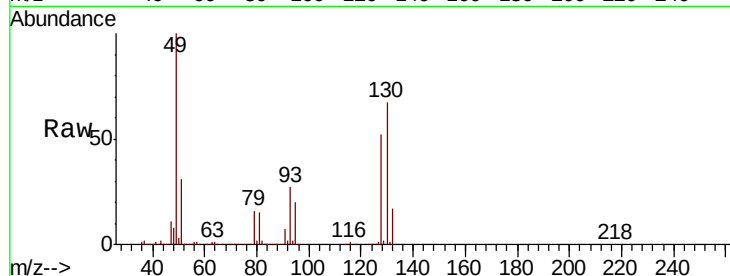
49 100

128 52.4 24.0 72.0

130 67.6 31.2 93.6

Manual Integrations
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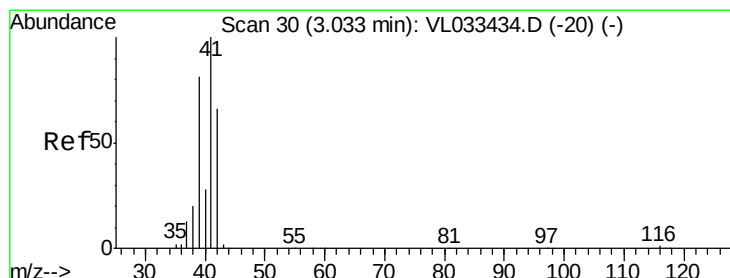
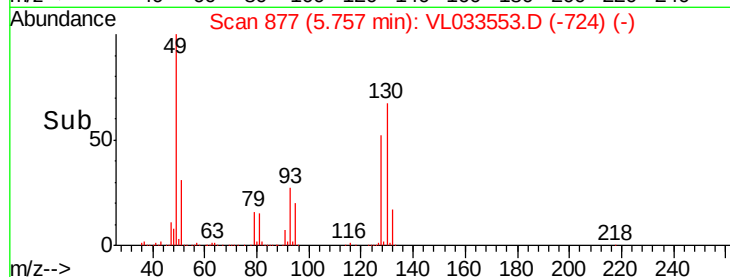
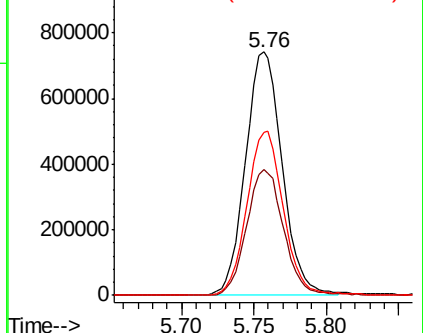
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.841 ppbv

RT: 3.04 min Scan# 32

Delta R.T. 0.01 min

Lab File: VL033553.D

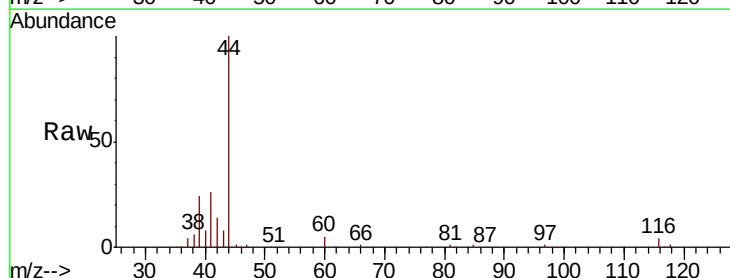
Acq: 5 Apr 2019 4:08

Tgt Ion: 41 Resp: 53212

Ion Ratio Lower Upper

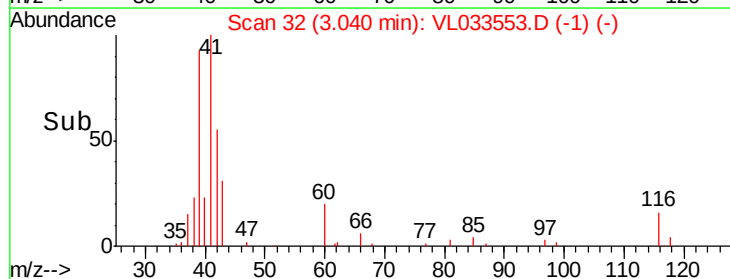
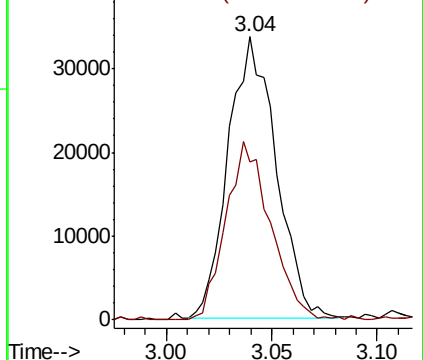
41 100

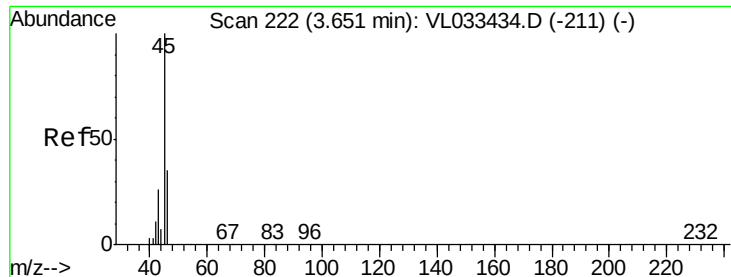
42 58.8 53.9 80.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





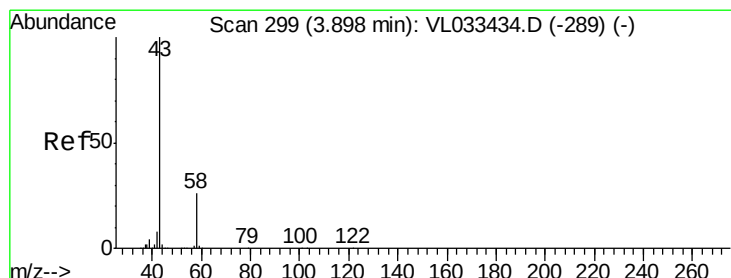
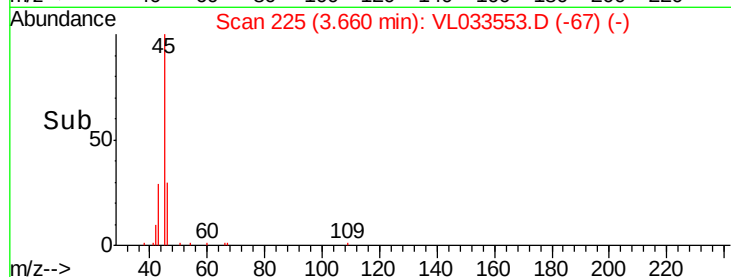
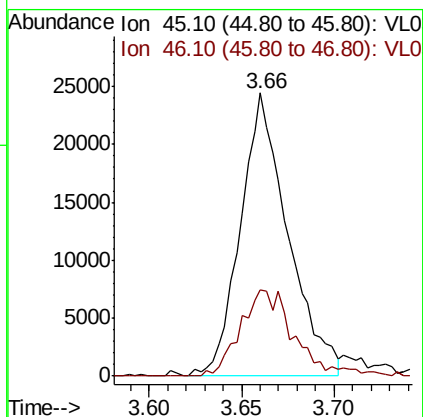
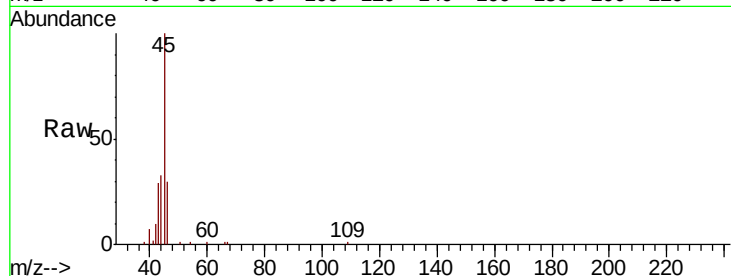
#13
Ethanol
Concen: 2.668 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.01 min
Lab File: VL033553.D
Acq: 5 Apr 2019 4:08

Instrument :
MSVOA_L
ClientSampled :
SV2DL

Tot Ion	45	Resp	43672
Ion Ratio	100	Lower	Upper
45	100		
46	34.9	25.4	101.8

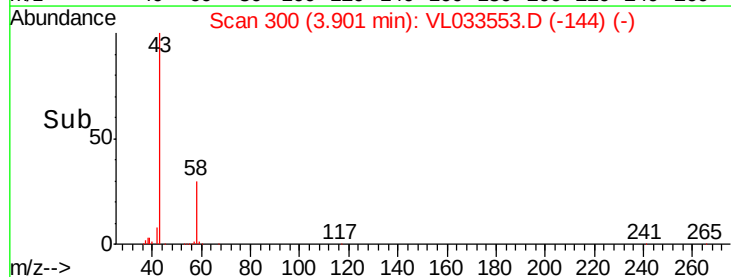
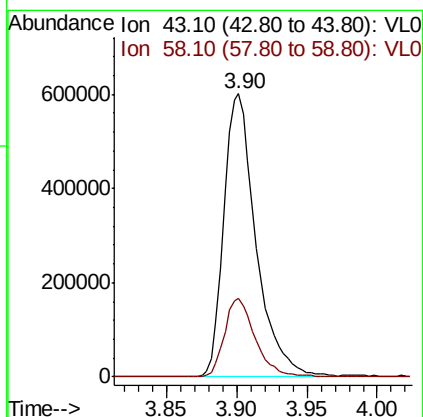
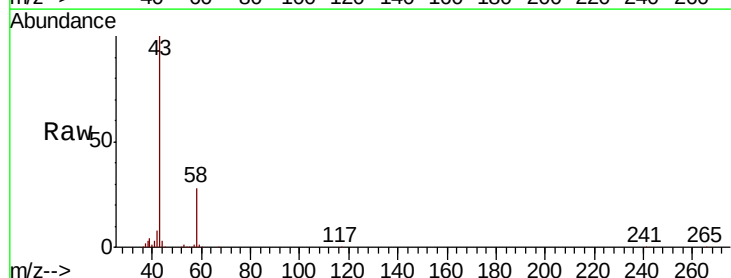
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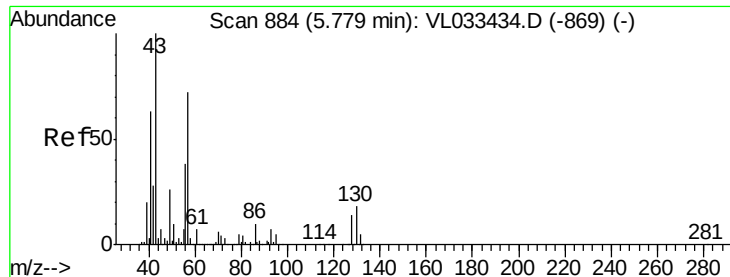
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#15
Acetone
Concen: 6.096 ppbv
RT: 3.90 min Scan# 300
Delta R.T. 0.00 min
Lab File: VL033553.D
Acq: 5 Apr 2019 4:08

Tgt Ion	43	Resp	958966
Ion Ratio	100	Lower	Upper
43	100		
58	26.8	20.5	30.7





#26

Hexane

Concen: 0.457 ppbv

RT: 5.78 min Scan# 883

Delta R.T. -0.00 min

Lab File: VL033553.D

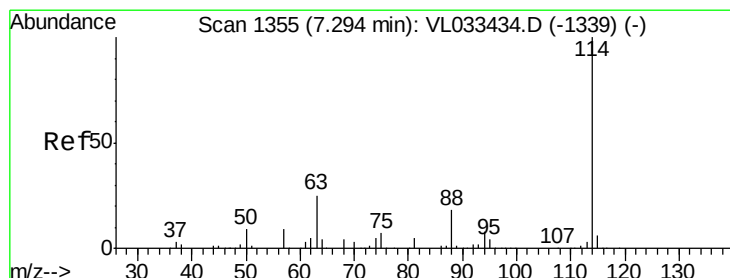
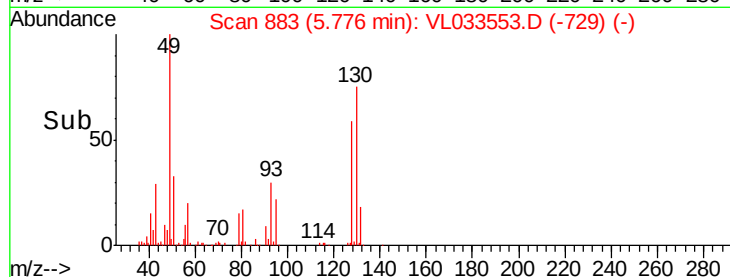
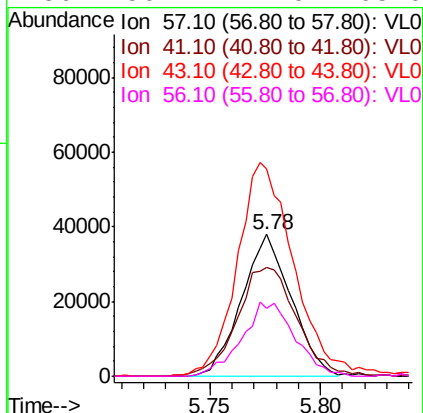
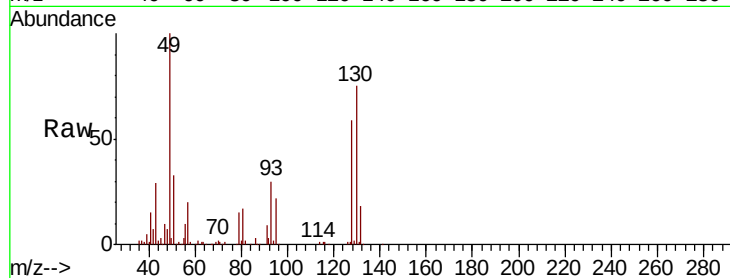
Acq: 5 Apr 2019 4:08

Instrument :
MSVOA_L
ClientSampled :
SV2DL

Tot Ion	57	Resp	59285
Ion	Ratio	Lower	Upper
57	100		
41	92.6	70.7	106.1
43	172.9	182.6	274.0#
56	56.4	42.0	63.0

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

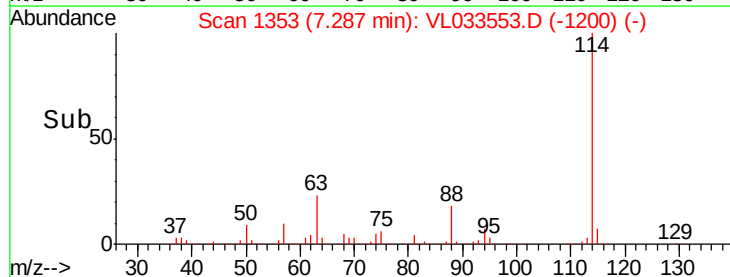
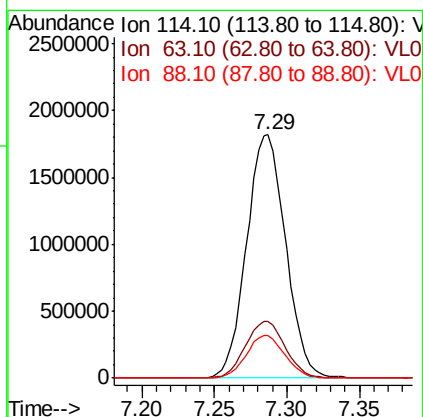
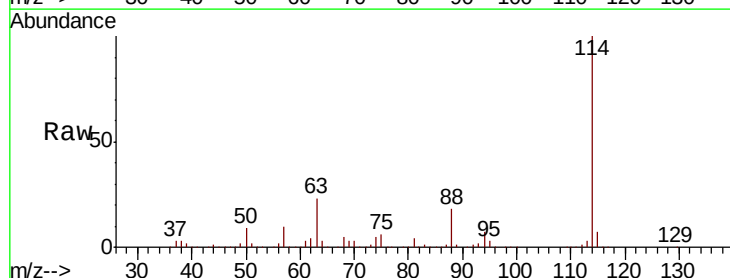
RT: 7.29 min Scan# 1353

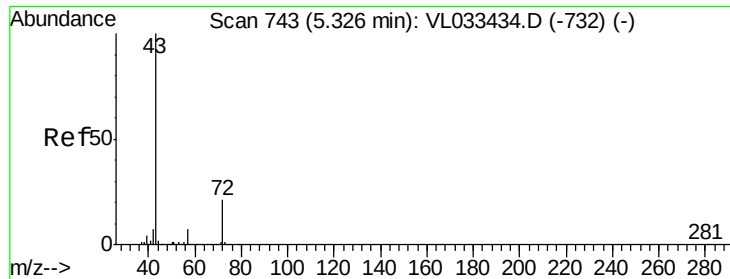
Delta R.T. -0.01 min

Lab File: VL033553.D

Acq: 5 Apr 2019 4:08

Tgt Ion	114	Resp	3409963
Ion	Ratio	Lower	Upper
114	100		
63	23.9	21.5	32.3
88	17.5	14.5	21.7





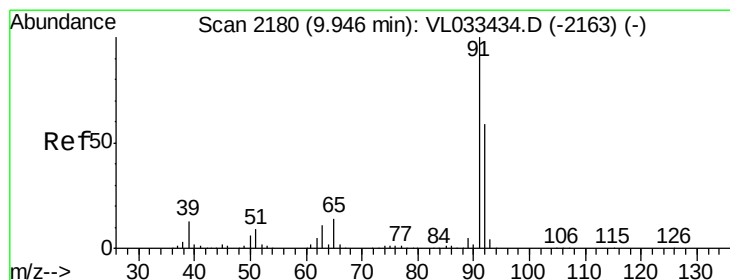
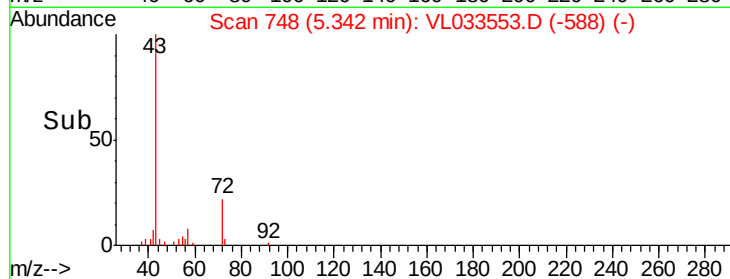
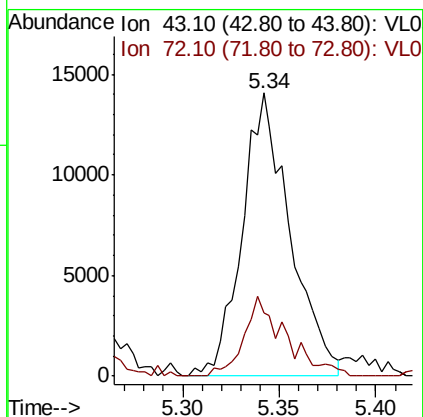
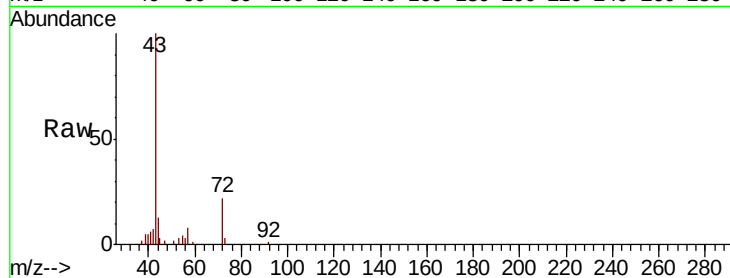
#34
2-Butanone
Concen: 0.119 ppbv
RT: 5.34 min Scan# 748
Delta R.T. 0.02 min
Lab File: VL033553.D
Acq: 5 Apr 2019 4:08

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tot Ion: 43 Resp: 24409
Ion Ratio Lower Upper
43 100
72 24.7 17.4 26.2

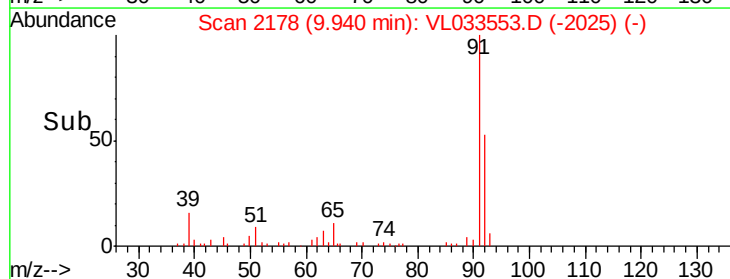
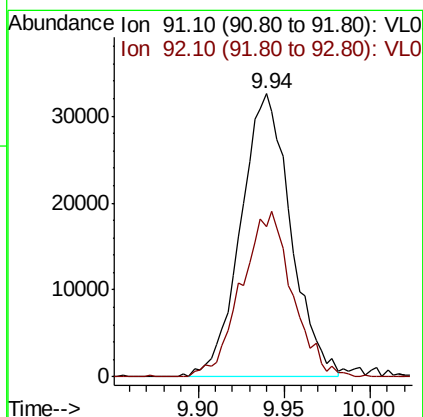
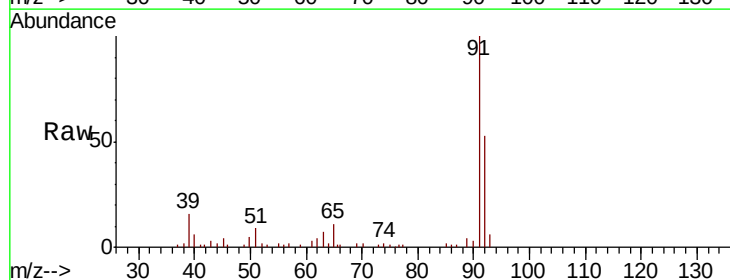
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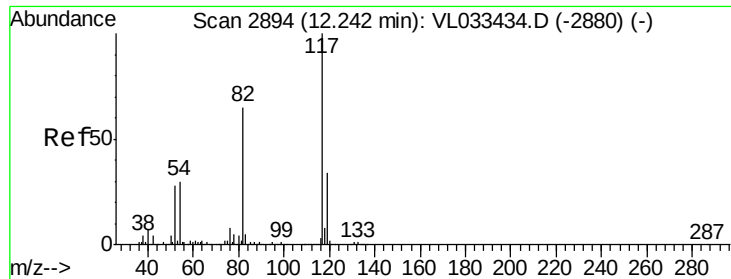
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#53
Toluene
Concen: 0.198 ppbv
RT: 9.94 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VL033553.D
Acq: 5 Apr 2019 4:08

Tgt Ion: 91 Resp: 65775
Ion Ratio Lower Upper
91 100
92 59.6 47.4 71.0





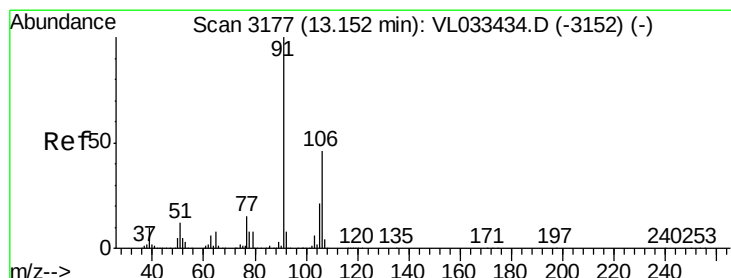
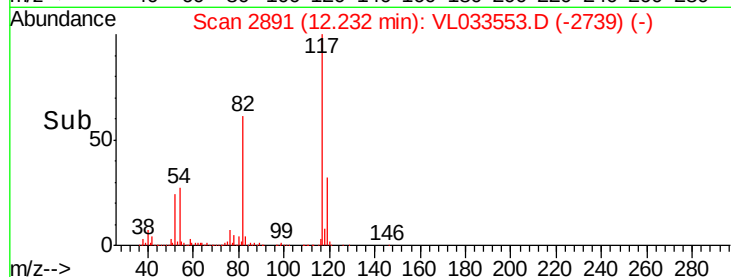
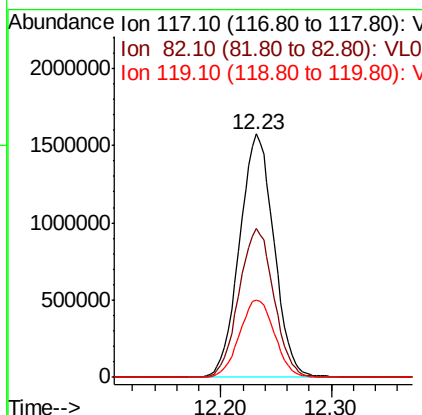
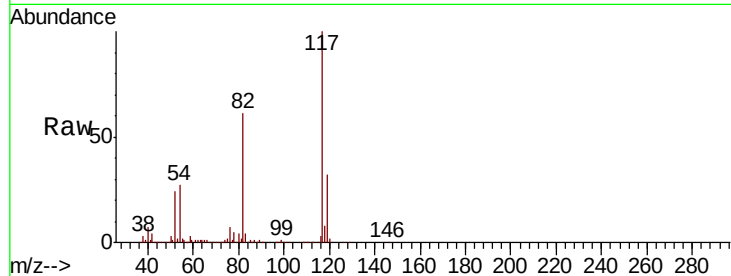
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033553.D
Acq: 5 Apr 2019 4:08

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.0	51.5	77.3
119	32.6	25.5	38.3

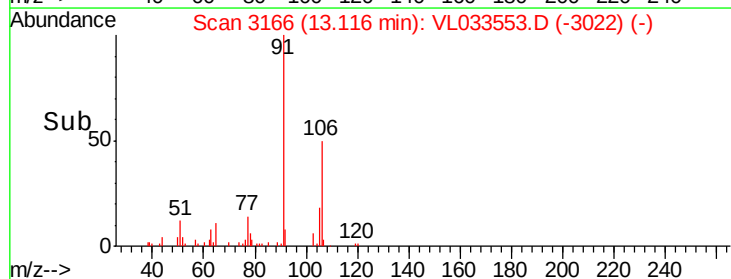
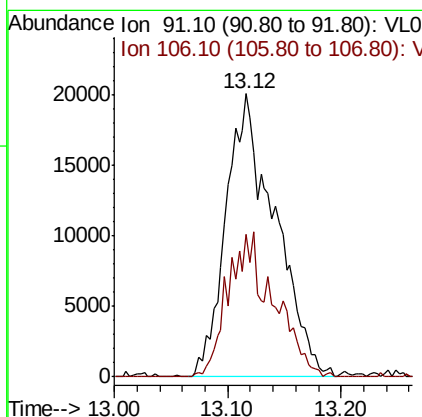
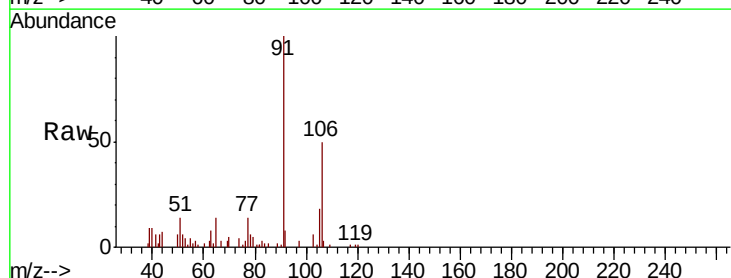
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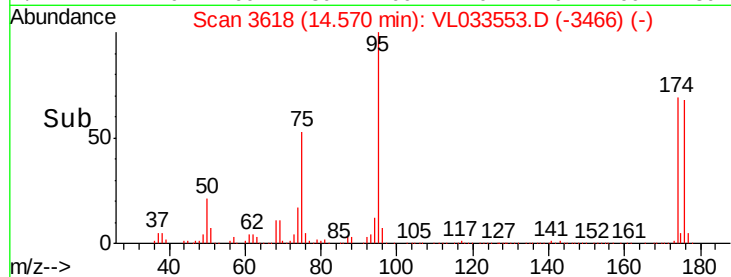
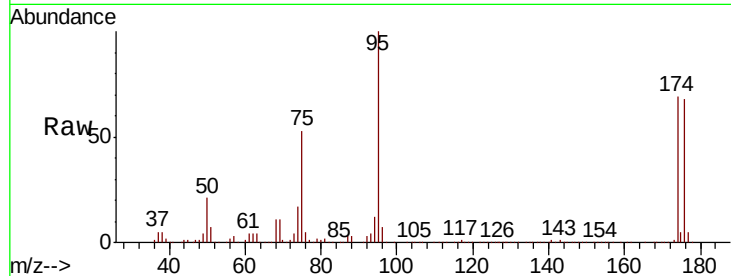
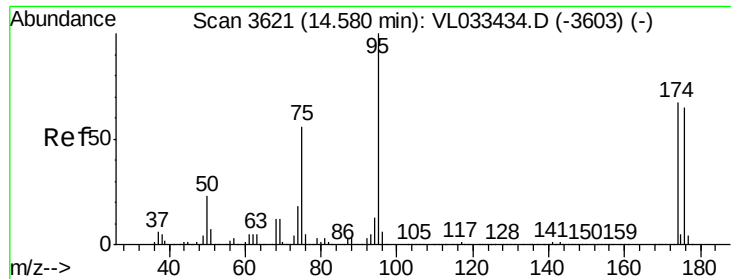
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#59
m/p-Xylene
Concen: 0.148 ppbv m
RT: 13.12 min Scan# 3166
Delta R.T. -0.04 min
Lab File: VL033553.D
Acq: 5 Apr 2019 4:08

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.785 ppbv

RT: 14.57 min Scan# 3618

Delta R.T. -0.01 min

Lab File: VL033553.D

Acq: 5 Apr 2019 4:08

Instrument :

MSVOA_L

ClientSampleId :

SV2DL

Tot Ion: 95 Resp: 2607529

Ion Ratio Lower Upper

95 100

174 70.0 52.9 79.3

175 5.1 3.8 5.6

Manual Integrations

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4/8/2019 3:22:31 AM

