

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052219\
 Data File : VL033763.D
 Acq On : 23 May 2019 3:12
 Operator : SY/AP
 Sample : K2929-13DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3004-25DL

Manual Integrations
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 5/28/2019 2:51:26 AM

Quant Time: May 23 07:10:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	874838	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2052405	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.23	117	2055458	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1698704	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	32015	0.751	ppbv	92
13) Ethanol	3.66	45	16488	1.197	ppbv	90
15) Acetone	3.90	43	202145	1.665	ppbv	95
19) Isopropyl Alcohol	4.04	45	9950	0.127	ppbv #	94
20) Methylene Chloride	4.41	84	6564m	0.140	ppbv	
34) 2-Butanone	5.35	43	12952m	0.102	ppbv	
53) Toluene	9.94	91	91205	0.453	ppbv	98
59) m/p-Xylene	13.11	91	40252m	0.169	ppbv	

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

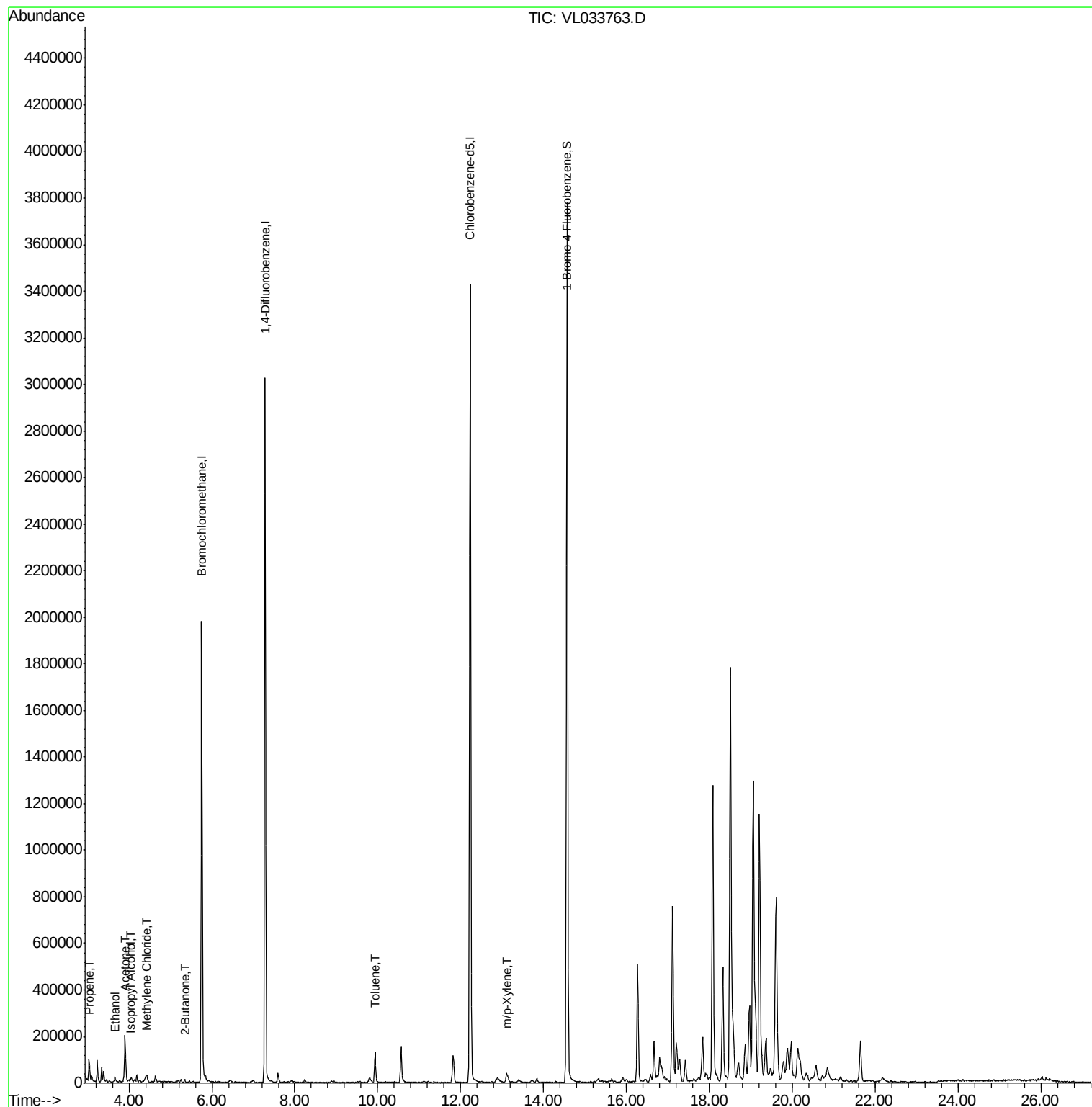
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052219\
Data File : VL033763.D
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BPS1-SG-3004-25DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 876

Delta R.T. -0.01 min

Lab File: VL033763.D

Acq: 23 May 2019 3:12

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3004-25DL

Tot Ion: 49 Resp: 874838

Ion Ratio Lower Upper

49 100

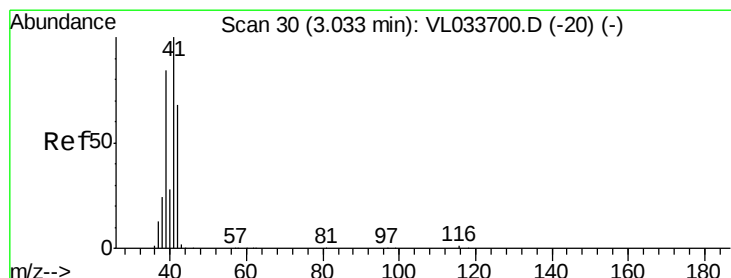
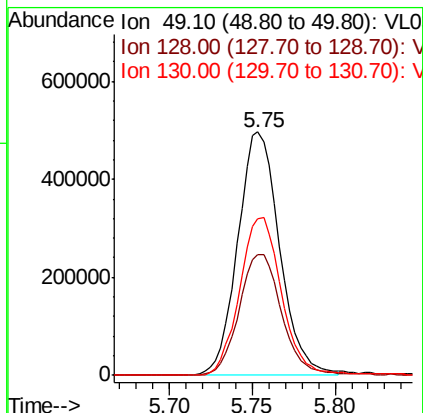
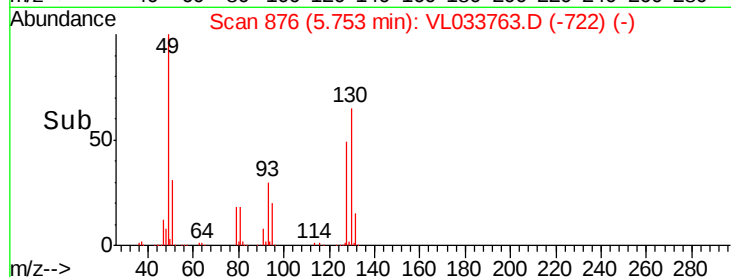
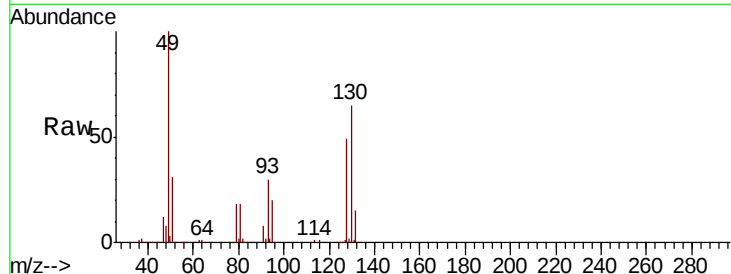
128 50.9 25.2 75.6

130 65.6 32.5 97.5

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#9

Propene

Concen: 0.751 ppbv

RT: 3.04 min Scan# 31

Delta R.T. 0.00 min

Lab File: VL033763.D

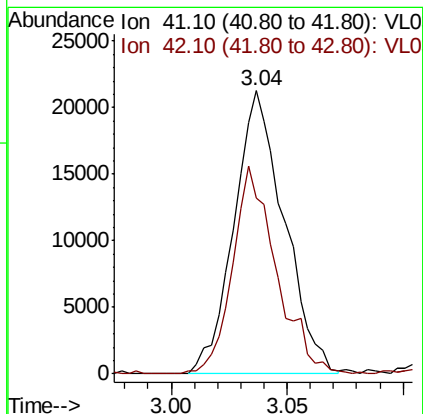
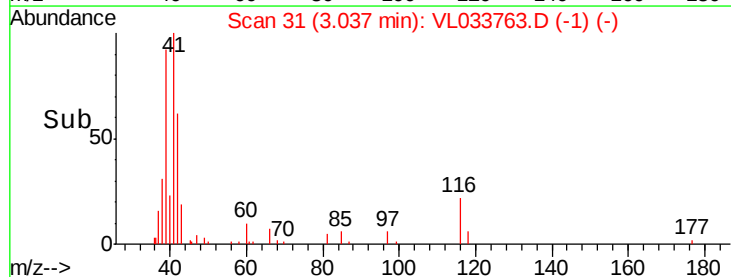
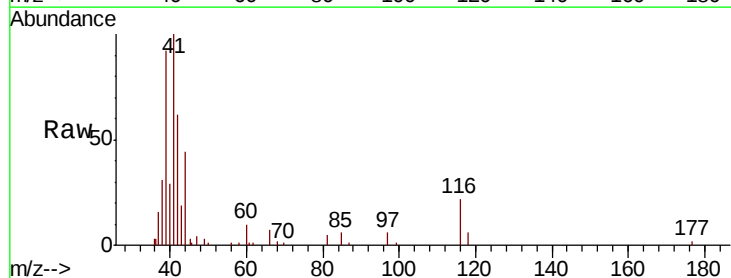
Acq: 23 May 2019 3:12

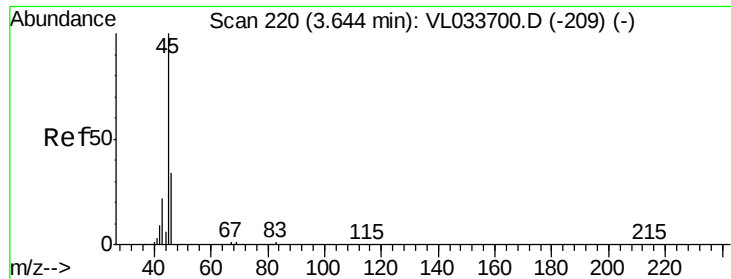
Tgt Ion: 41 Resp: 32015

Ion Ratio Lower Upper

41 100

42 63.8 56.1 84.1





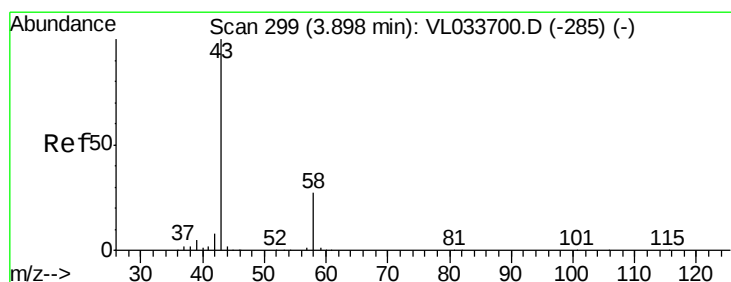
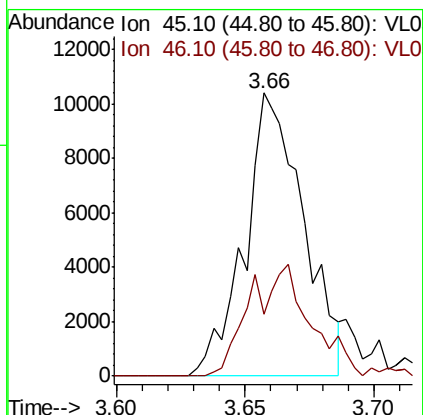
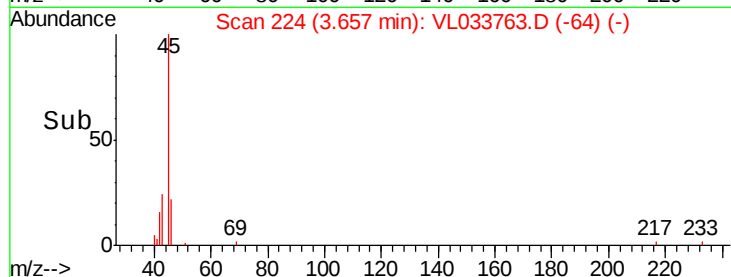
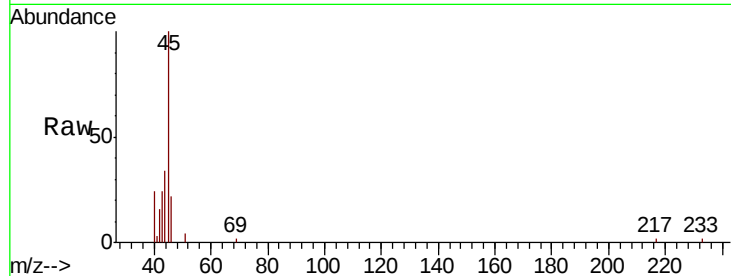
#13
Ethanol
Concen: 1.197 ppbv
RT: 3.66 min Scan# 224
Delta R.T. 0.01 min
Lab File: VL033763.D
Acq: 23 May 2019 3:12

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3004-25DL

Tot Ion: 45 Resp: 16488
Ion Ratio Lower Upper
45 100
46 42.6 14.8 59.0

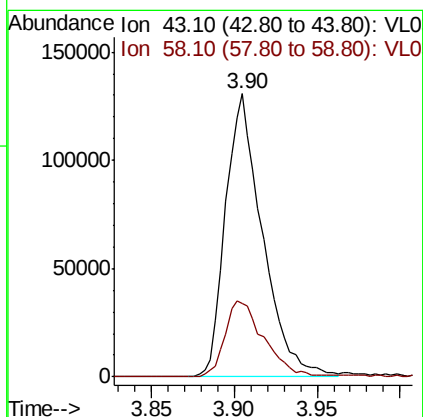
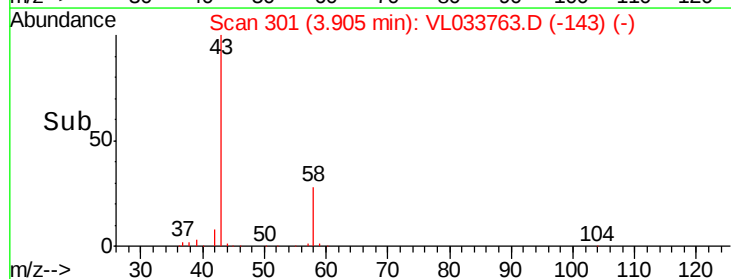
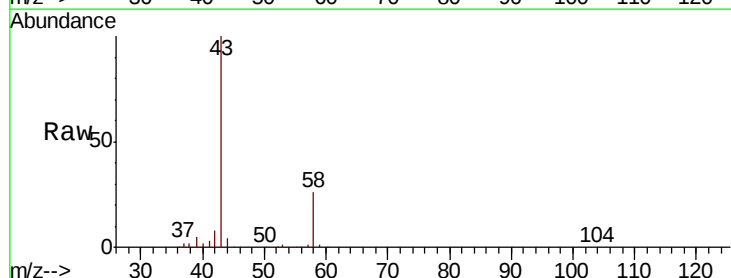
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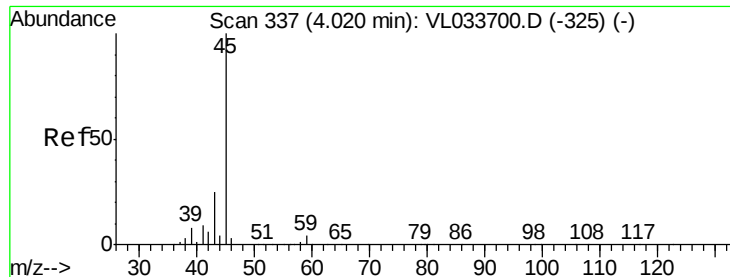
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#15
Acetone
Concen: 1.665 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.01 min
Lab File: VL033763.D
Acq: 23 May 2019 3:12

Tgt Ion: 43 Resp: 202145
Ion Ratio Lower Upper
43 100
58 29.0 21.3 31.9





#19

Isopropyl Alcohol

Concen: 0.127 ppbv

RT: 4.04 min Scan# 344

Delta R.T. 0.02 min

Lab File: VL033763.D

Acq: 23 May 2019 3:12

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3004-25DL

Tot Ion: 45 Resp: 9950

Ion Ratio Lower Upper

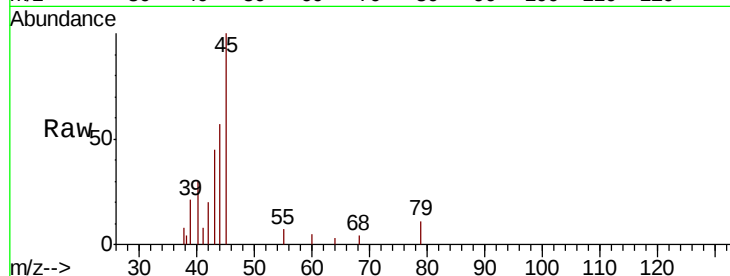
45 100

58 0.0 1.6 2.4#

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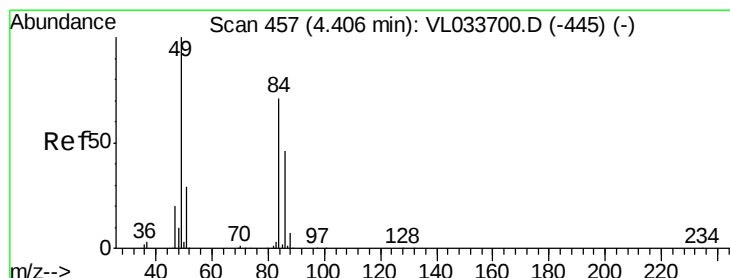
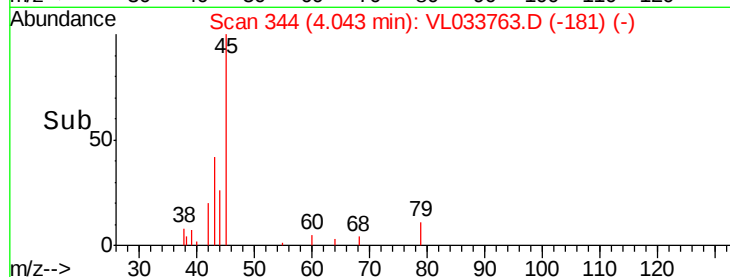
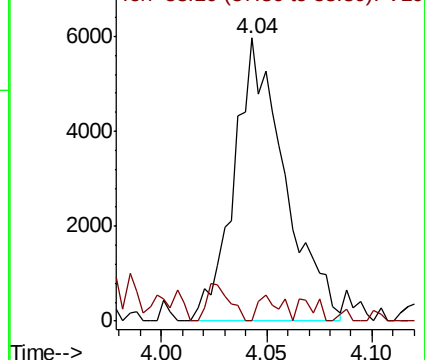
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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.140 ppbv m

RT: 4.41 min Scan# 457

Delta R.T. 0.00 min

Lab File: VL033763.D

Acq: 23 May 2019 3:12

Tgt Ion: 84 Resp: 6564

Ion Ratio Lower Upper

84 100

49 140.1 112.8 169.2

51 69.5 33.4 50.0#

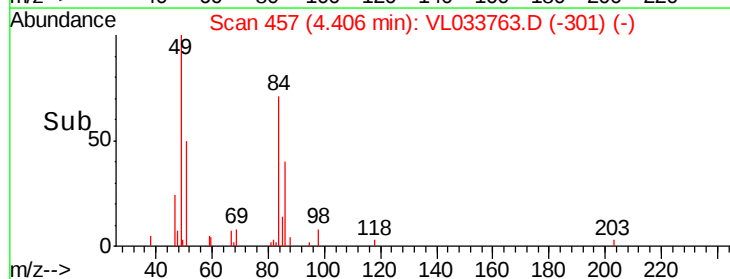
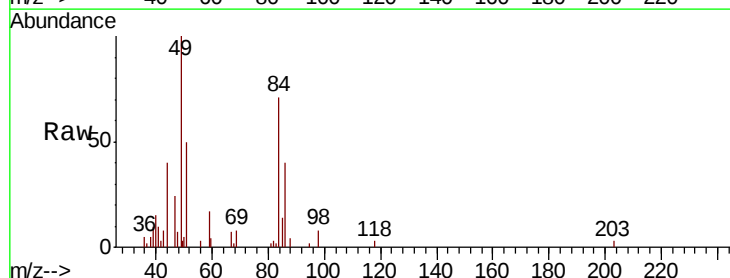
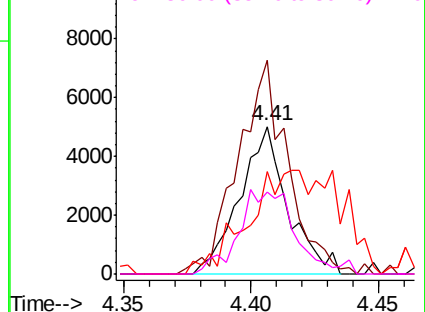
86 55.8 51.7 77.5

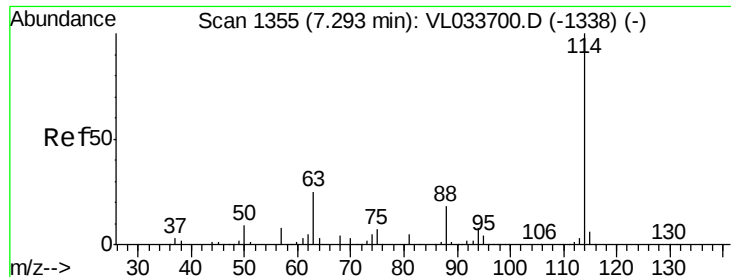
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





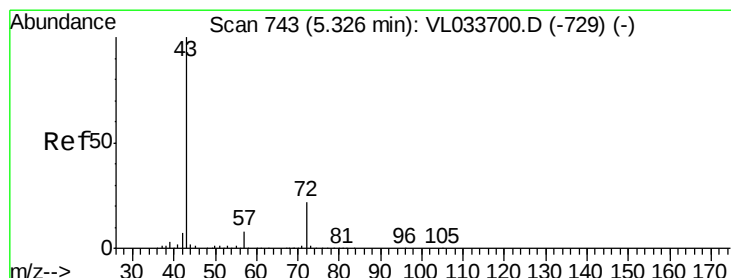
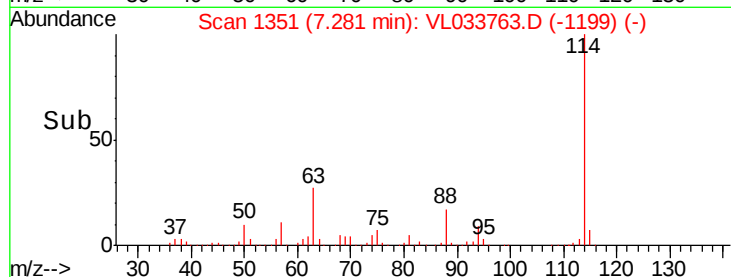
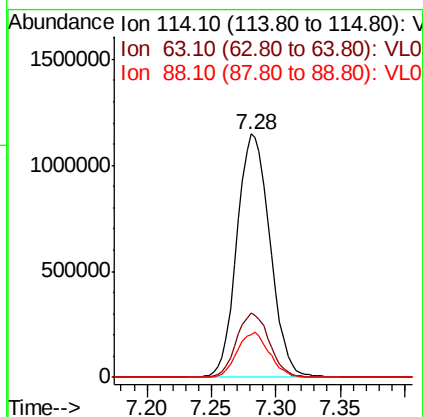
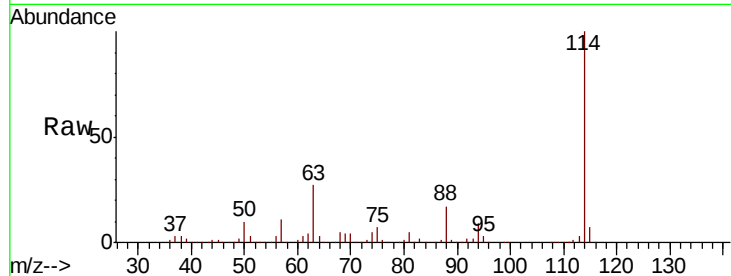
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: VL033763.D
 Acq: 23 May 2019 3:12

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3004-25DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.3	20.9	31.3
88	18.0	14.3	21.5

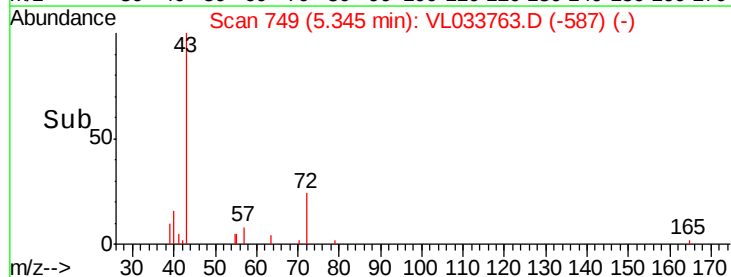
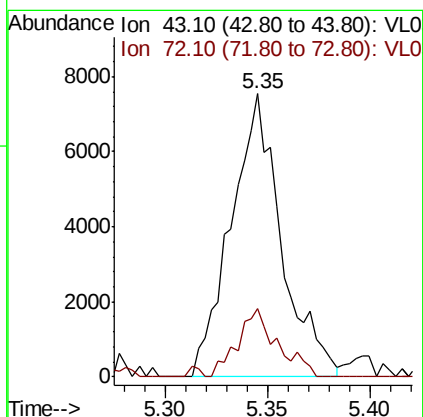
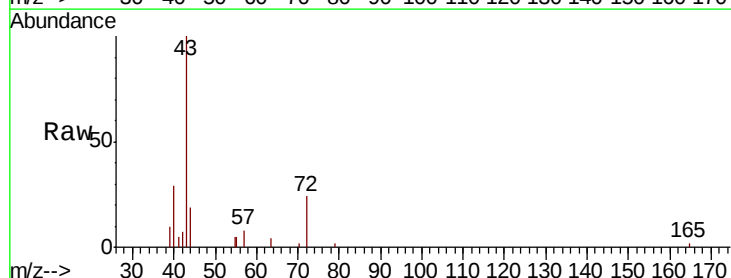
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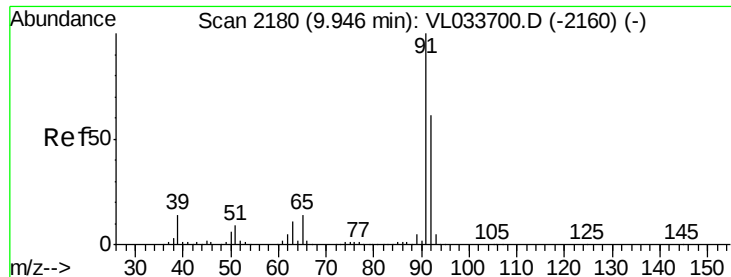
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#34
 2-Butanone
 Concen: 0.102 ppbv m
 RT: 5.35 min Scan# 749
 Delta R.T. 0.02 min
 Lab File: VL033763.D
 Acq: 23 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
43	100		
72	19.9	17.8	26.6





#53

Toluene

Concen: 0.453 ppbv

RT: 9.94 min Scan# 2177

Delta R.T. -0.01 min

Lab File: VL033763.D

Acq: 23 May 2019 3:12

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3004-25DL

Tot Ion: 91 Resp: 91205

Ion Ratio Lower Upper

91 100

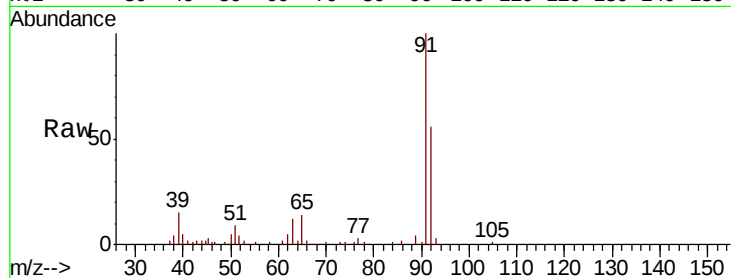
92 58.2 47.6 71.4

Manual Integrations

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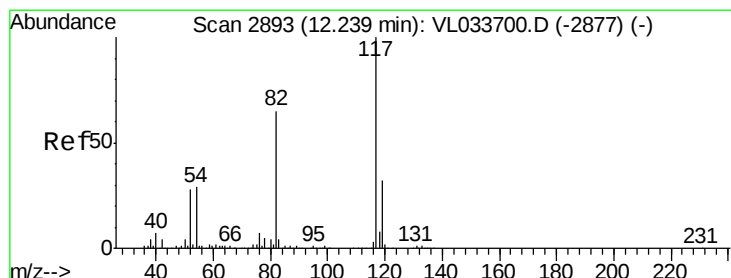
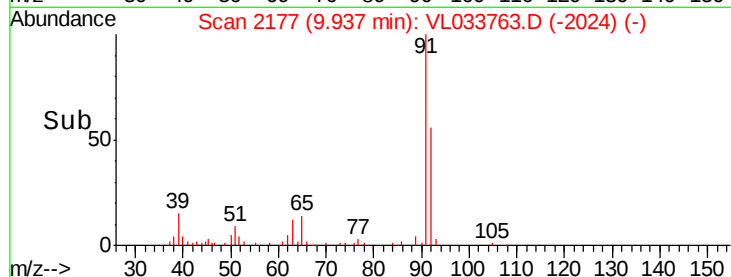
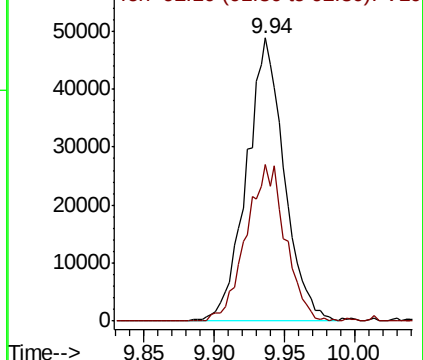
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.23 min Scan# 2890

Delta R.T. -0.01 min

Lab File: VL033763.D

Acq: 23 May 2019 3:12

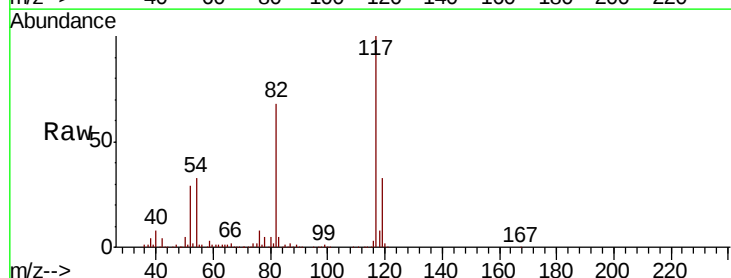
Tgt Ion: 117 Resp: 2055458

Ion Ratio Lower Upper

117 100

82 67.7 49.4 74.0

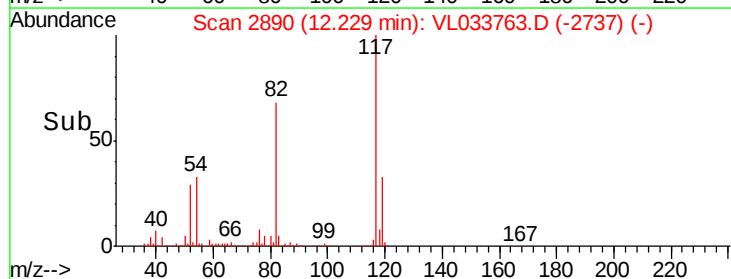
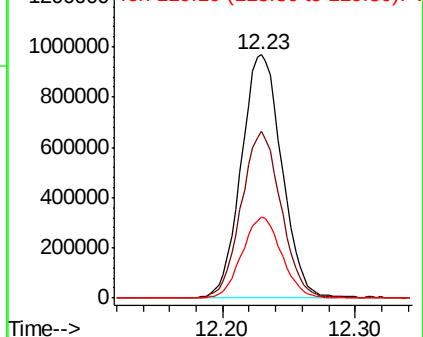
119 32.7 24.9 37.3

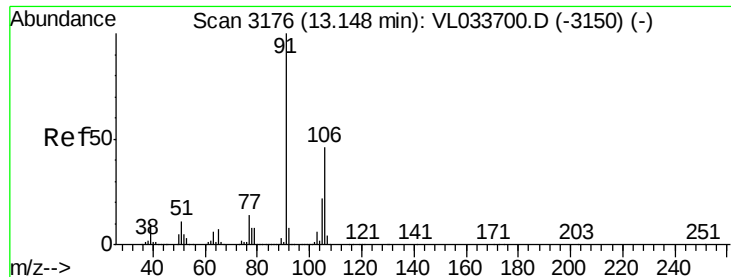


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





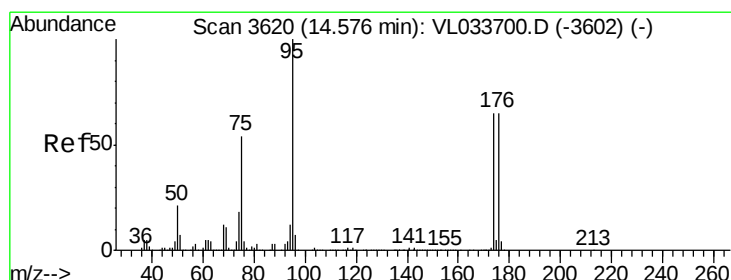
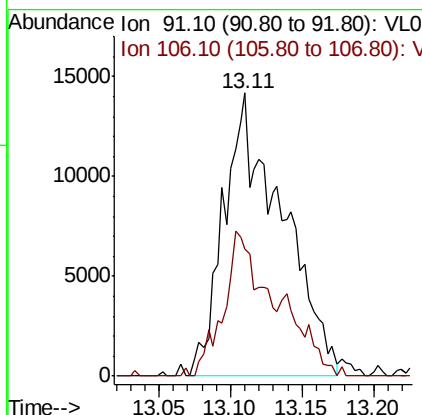
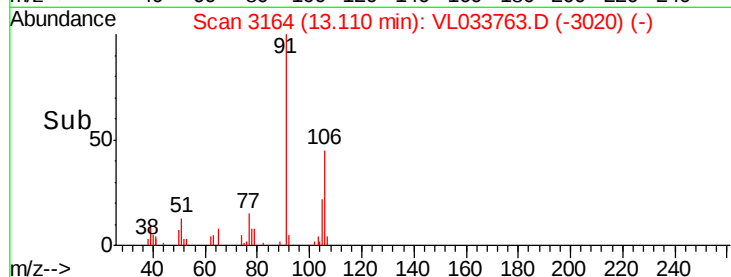
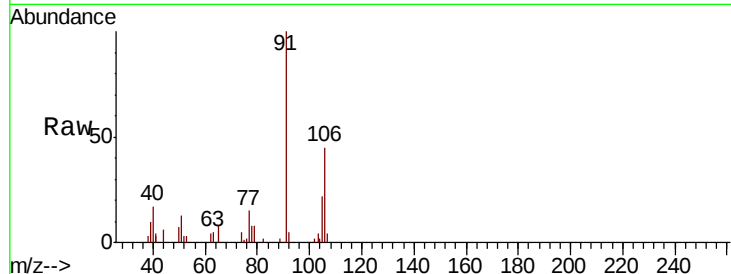
#59
m/p-Xylene
Concen: 0.169 ppbv m
RT: 13.11 min Scan# 3164
Delta R.T. -0.04 min
Lab File: VL033763.D
Acq: 23 May 2019 3:12

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3004-25DL

Tot Ion: 91 Resp: 40252
Ion Ratio Lower Upper
91 100
106 0.0 35.8 53.6#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.194 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033763.D
Acq: 23 May 2019 3:12

Tgt Ion: 95 Resp: 1698704
Ion Ratio Lower Upper
95 100
174 65.6 53.9 80.9
175 4.8 3.8 5.8

