

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062918\
 Data File : VL032166.D
 Acq On : 30 Jun 2018 11:51
 Operator : SY/AP
 Sample : J3601-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-B-INDOORDL

Manual Integrations
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 7/2/2018 4:27:13 PM

Quant Time: Jul 02 13:53:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 2
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1691570	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	4209281	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3836832	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.68	95	3138921	10.70	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.11	41	769471m	7.99	ppbv	
13) Ethanol	3.71	45	1777410	60.86	ppbv	98
15) Acetone	3.97	43	846302	4.28	ppbv	99
19) Isopropyl Alcohol	4.10	45	241634m	1.47	ppbv	
20) Methylene Chloride	4.48	84	16487	0.23	ppbv #	88
25) Ethyl Acetate	5.86	43	116100	0.28	ppbv #	88
29) Chloroform	5.94	83	30048m	0.11	ppbv	
34) 2-Butanone	5.42	43	51106	0.19	ppbv	97
37) 1,2-Dichloroethane	6.50	62	56547	0.28	ppbv	99
53) Toluene	10.04	91	165766	0.34	ppbv	99
59) m/p-Xylene	13.22	91	64400m	0.13	ppbv	

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

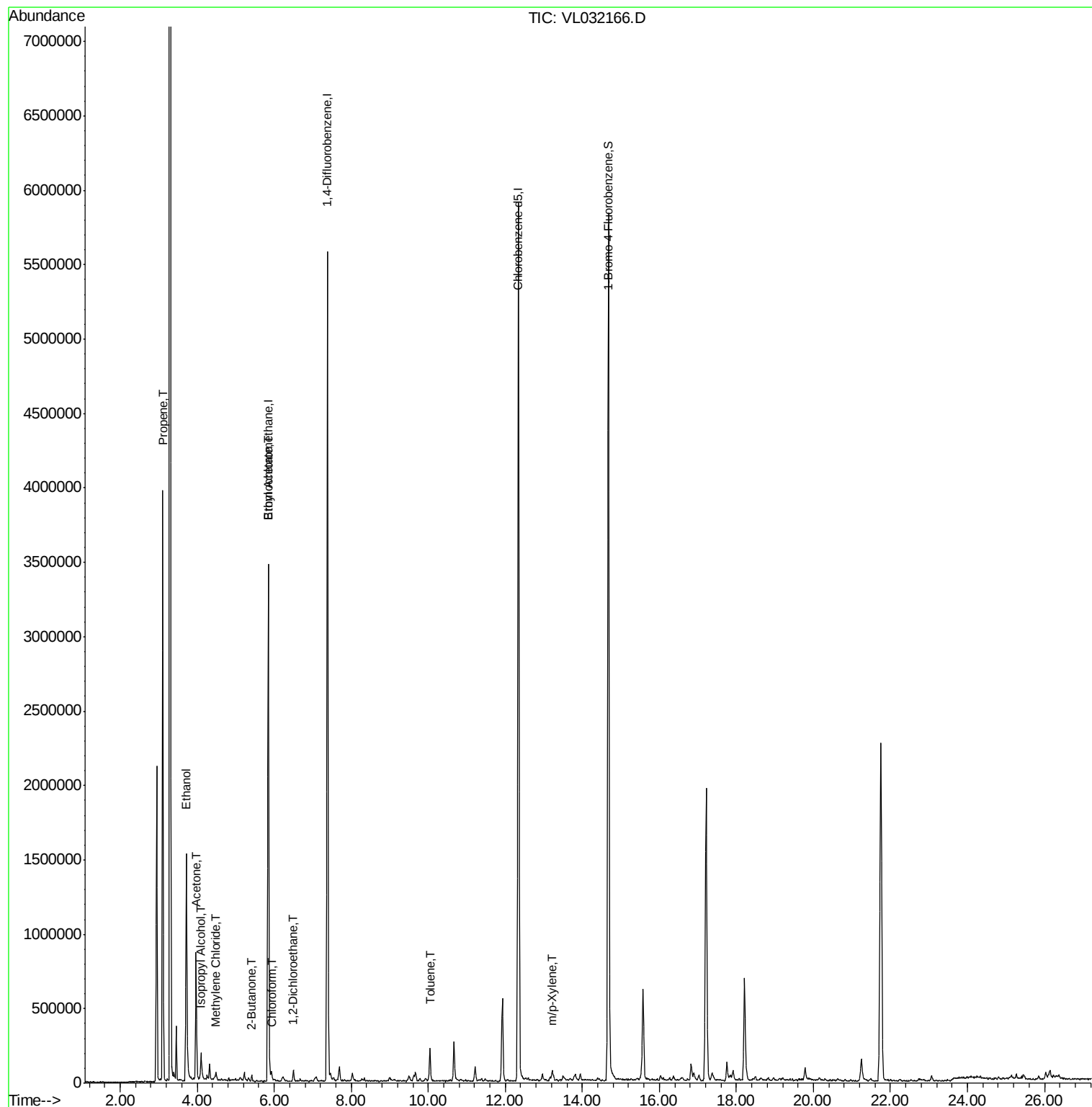
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062918\
Data File : VL032166.D
Acq On : 30 Jun 2018 11:51
Operator : SY/AP
Sample : J3601-05DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

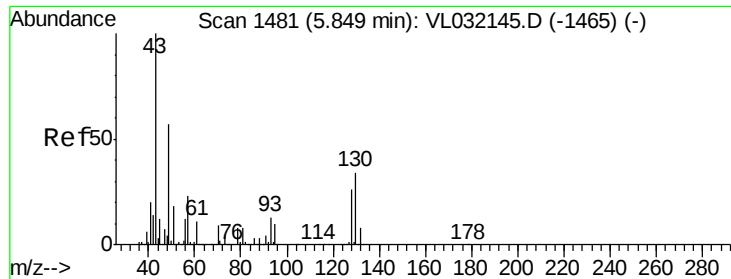
Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-INDOORDL

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Quant Time: Jul 02 13:53:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.85 min Scan# 1480

Delta R.T. -0.02 min

Lab File: VL032166.D

Acq: 30 Jun 2018 11:51

Instrument :

MSVOA_L

ClientSampleId :

RESIDENT-B-INDOORDL

Tot Ion: 49 Resp: 1691570

Ion Ratio Lower Upper

49 100

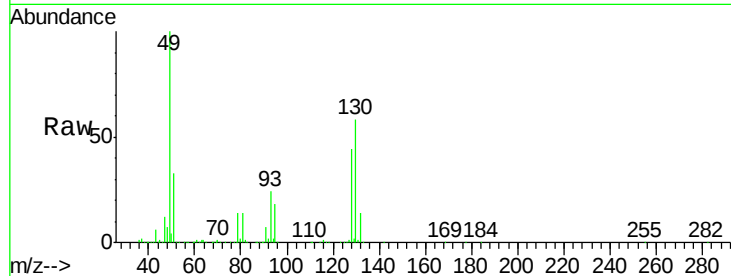
128 45.8 23.4 70.0

130 57.9 30.3 90.9

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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.85

1200000

1000000

800000

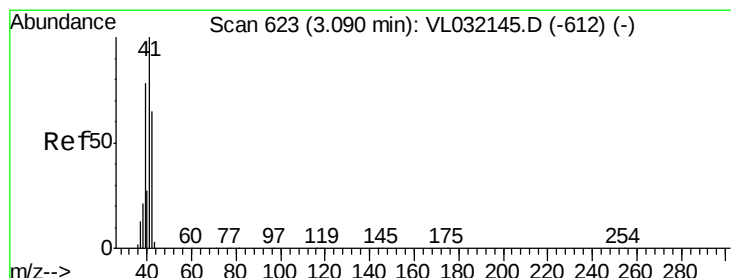
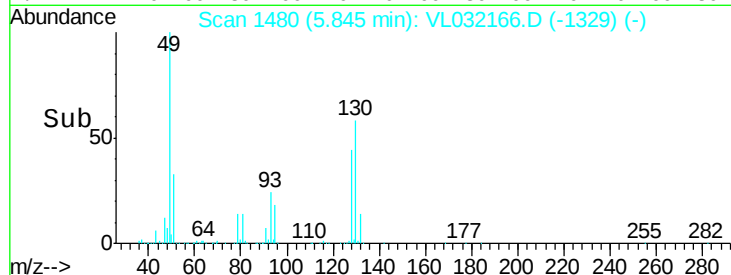
600000

400000

200000

0

Time-->



#9

Propene

Concen: 7.99 ppbv m

RT: 3.11 min Scan# 628

Delta R.T. 0.01 min

Lab File: VL032166.D

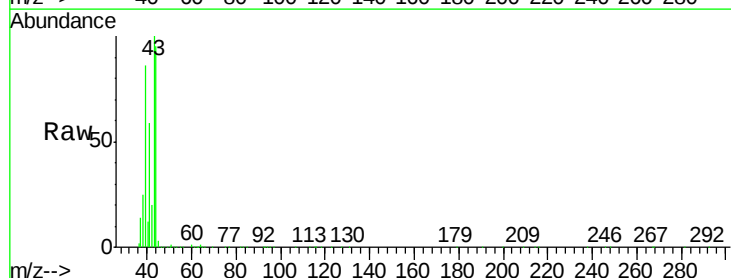
Acq: 30 Jun 2018 11:51

Tgt Ion: 41 Resp: 769471

Ion Ratio Lower Upper

41 100

42 581.4 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.11

600000

500000

400000

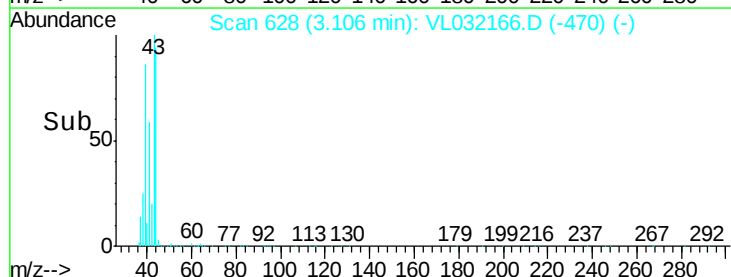
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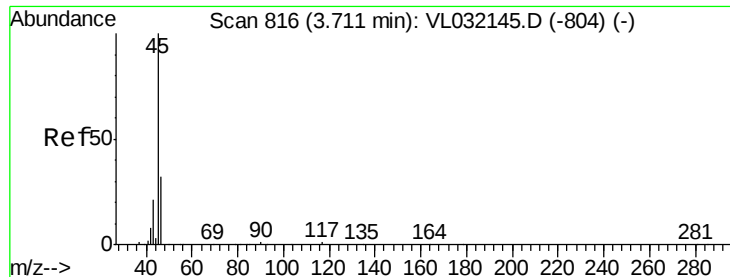
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Time-->





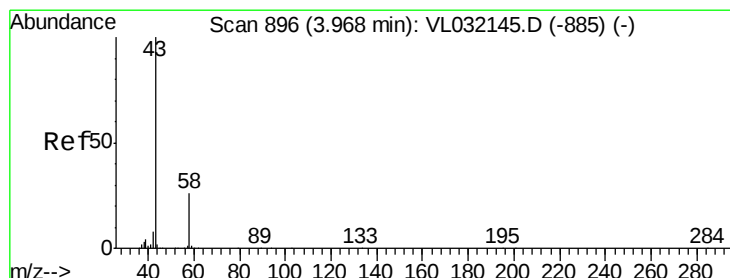
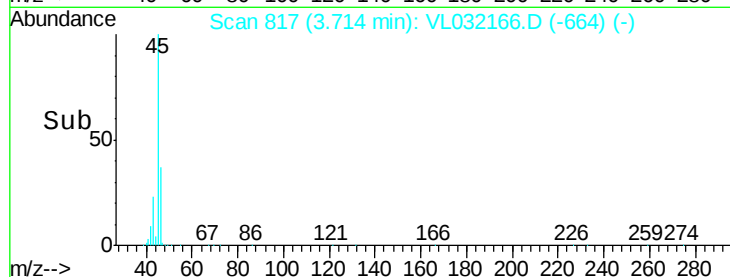
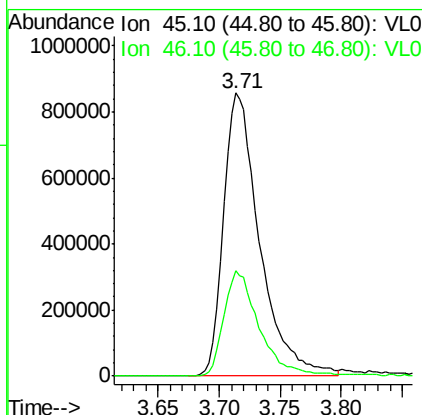
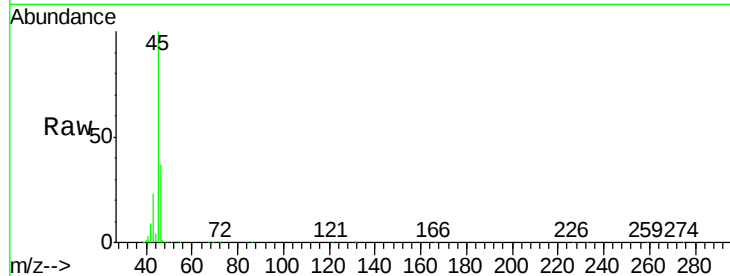
#13
Ethanol
Concen: 60.86 ppbv
RT: 3.71 min Scan# 817
Delta R.T. -0.01 min
Lab File: VL032166.D
Acq: 30 Jun 2018 11:51

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-INDOORDL

Tot Ion: 45 Resp: 1777410
Ion Ratio Lower Upper
45 100
46 37.4 14.6 58.4

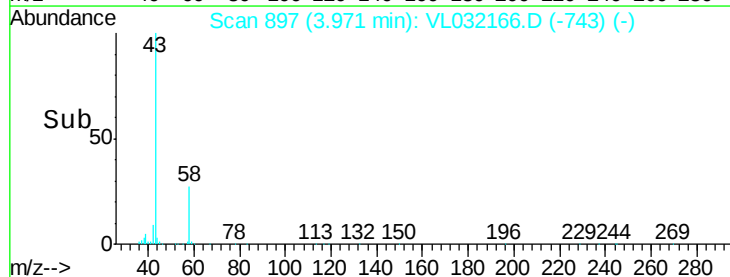
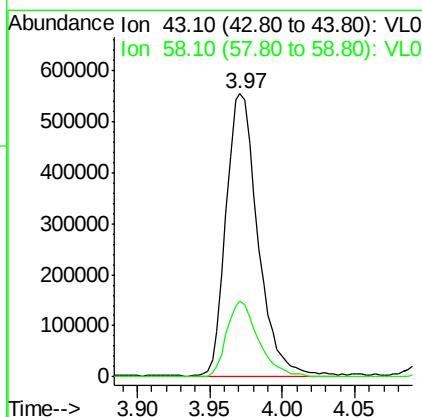
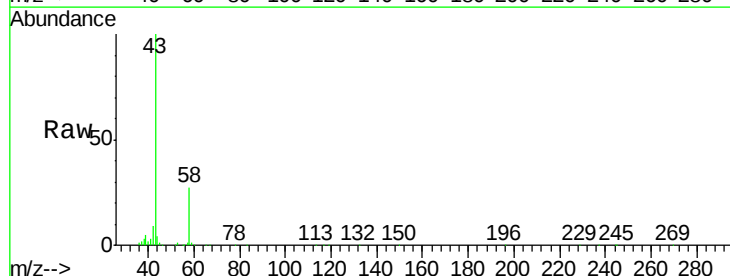
Manual Integrations
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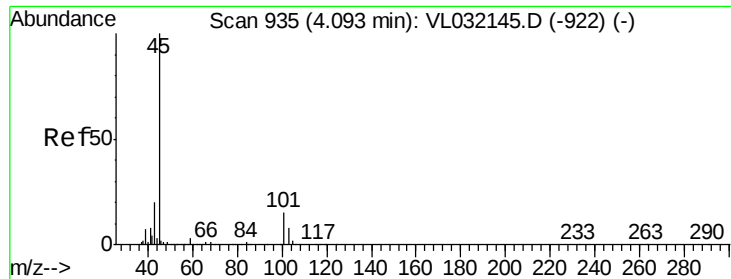
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#15
Acetone
Concen: 4.28 ppbv
RT: 3.97 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL032166.D
Acq: 30 Jun 2018 11:51

Tgt Ion: 43 Resp: 846302
Ion Ratio Lower Upper
43 100
58 27.3 21.4 32.0





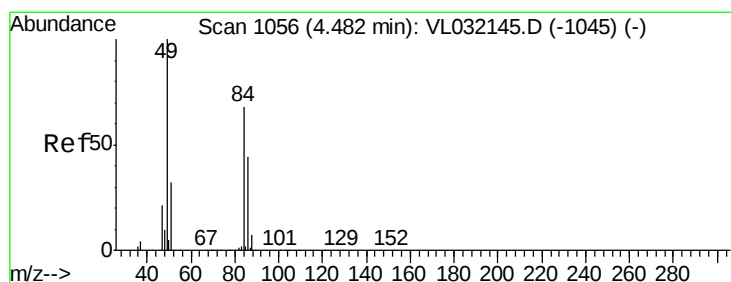
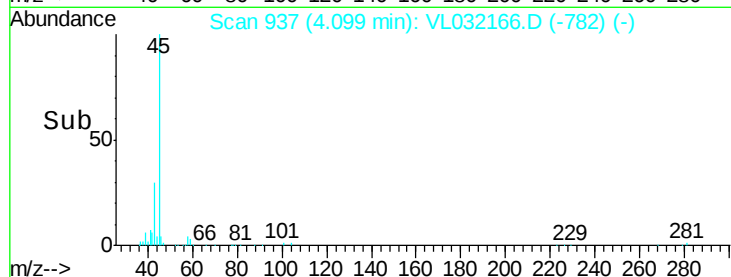
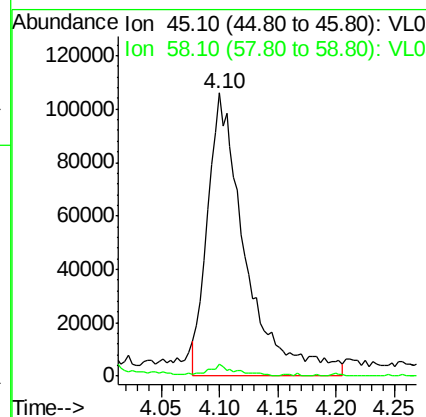
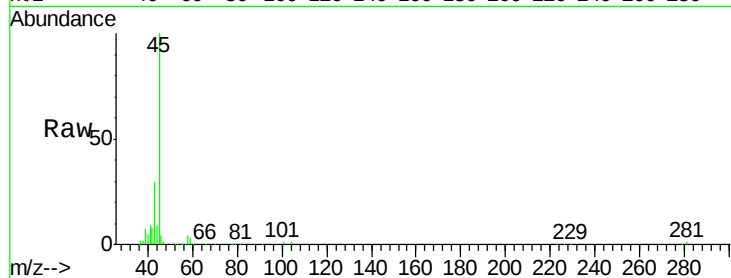
#19
Isopropyl Alcohol
Concen: 1.47 ppbv m
RT: 4.10 min Scan# 937
Delta R.T. -0.00 min
Lab File: VL032166.D
Acq: 30 Jun 2018 11:51

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-INDOORDL

Tot Ion: 45 Resp: 241634
Ion Ratio Lower Upper
45 100
58 0.0 29.4 44.0#

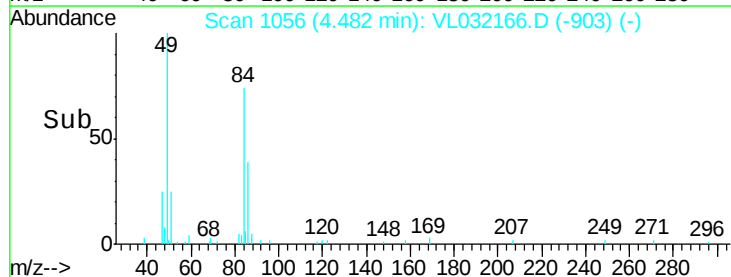
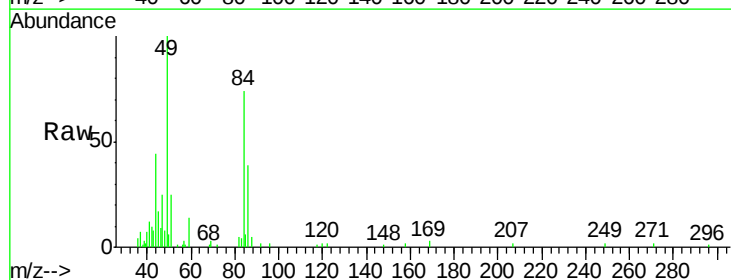
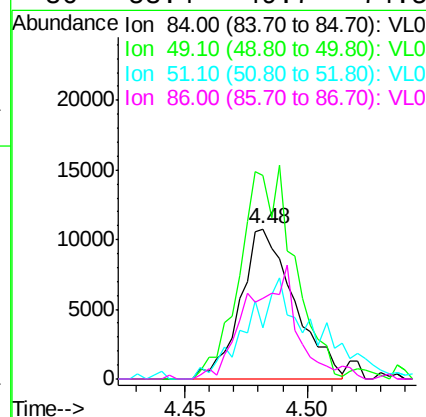
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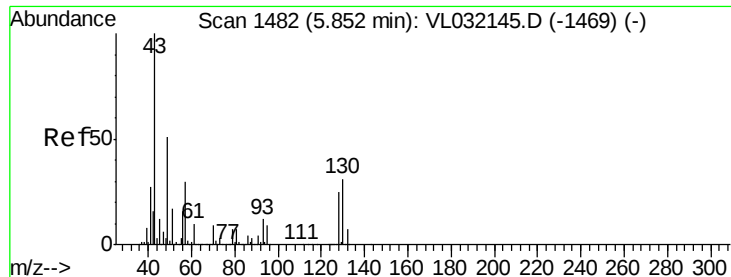
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#20
Methylene Chloride
Concen: 0.23 ppbv
RT: 4.48 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VL032166.D
Acq: 30 Jun 2018 11:51

Tgt Ion: 84 Resp: 16487
Ion Ratio Lower Upper
84 100
49 135.8 119.6 179.4
51 34.5 36.3 54.5#
86 53.4 49.7 74.5





#25

Ethyl Acetate

Concen: 0.28 ppbv

RT: 5.86 min Scan# 1483

Delta R.T. -0.01 min

Lab File: VL032166.D

Acq: 30 Jun 2018 11:51

Instrument :

MSVOA_L

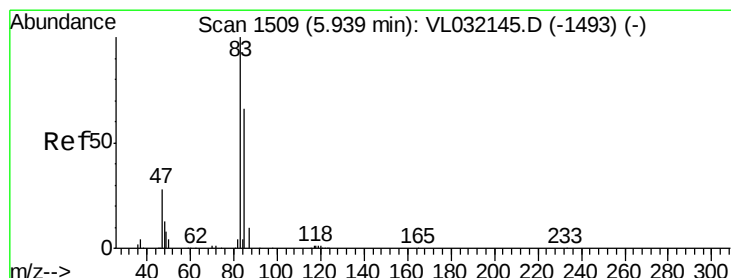
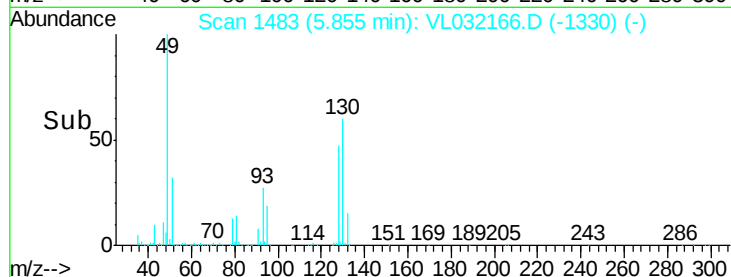
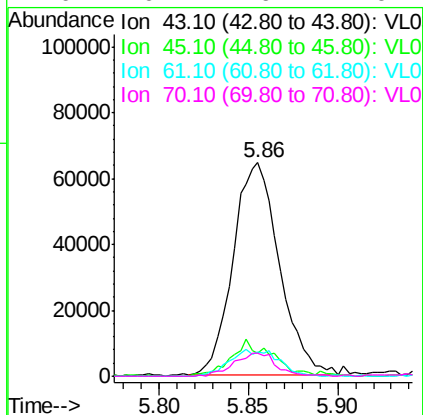
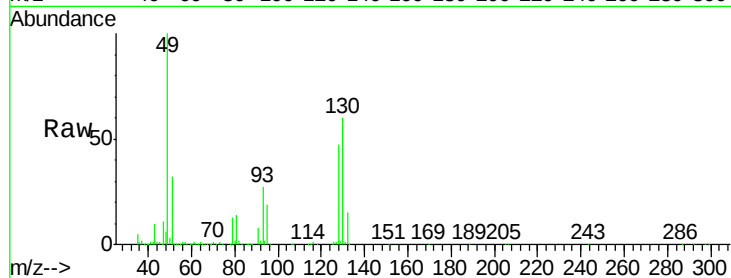
ClientSampleId :

RESIDENT-B-INDOORDL

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.8	7.8	11.8#
61	13.3	7.4	11.0#
70	10.2	6.1	9.1#

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#29

Chloroform

Concen: 0.11 ppbv m

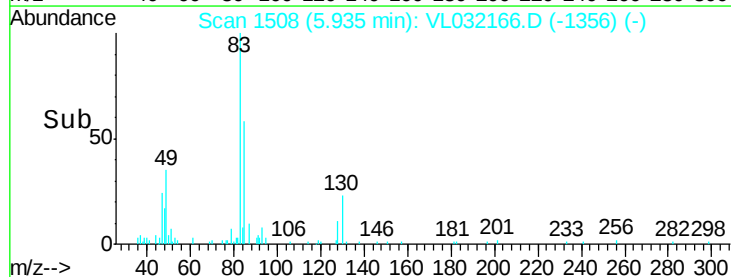
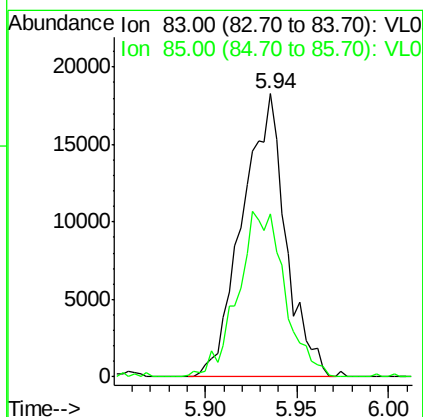
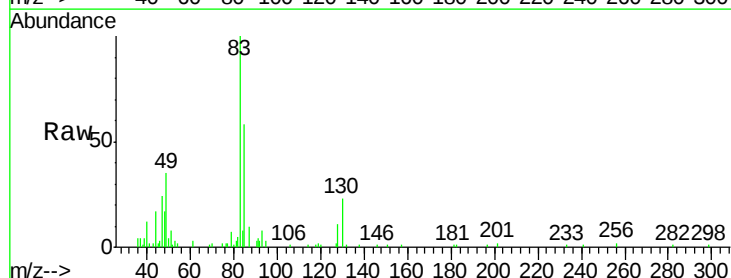
RT: 5.94 min Scan# 1508

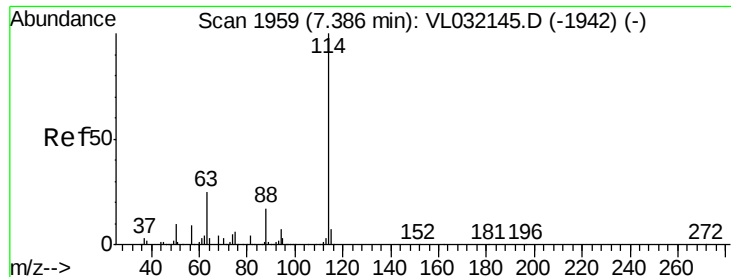
Delta R.T. -0.01 min

Lab File: VL032166.D

Acq: 30 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.5	51.6	77.4





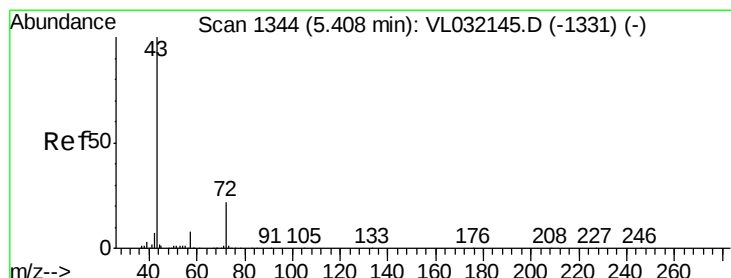
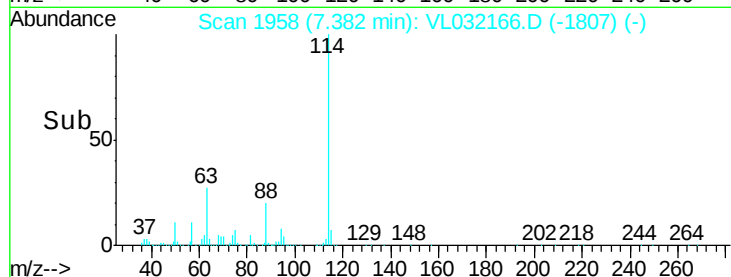
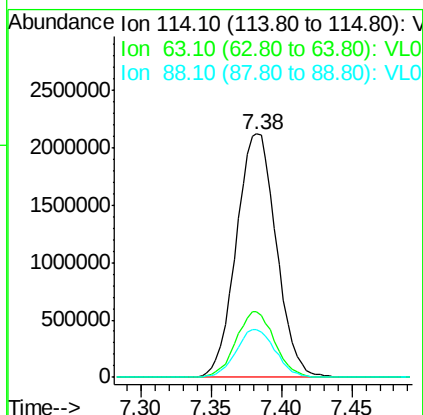
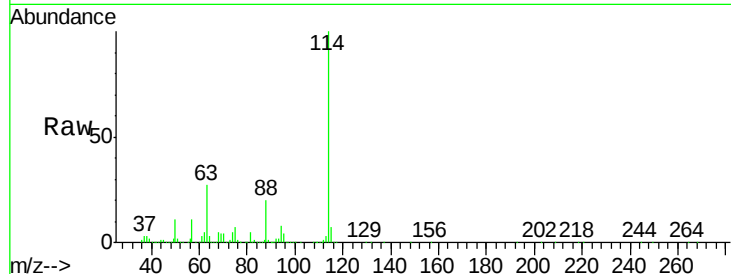
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.38 min Scan# 1958
 Delta R.T. -0.02 min
 Lab File: VL032166.D
 Acq: 30 Jun 2018 11:51

Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-B-INDOORDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.3	19.1	28.7
88	19.3	13.9	20.9

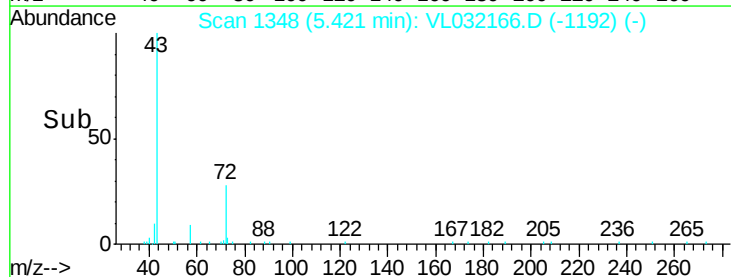
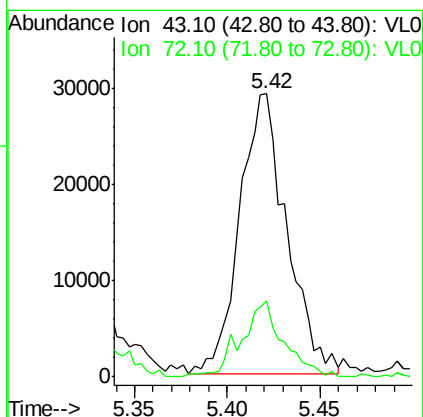
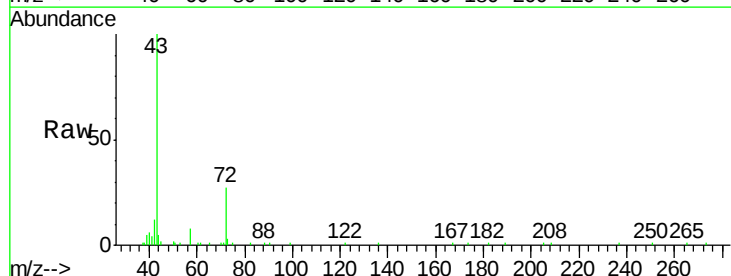
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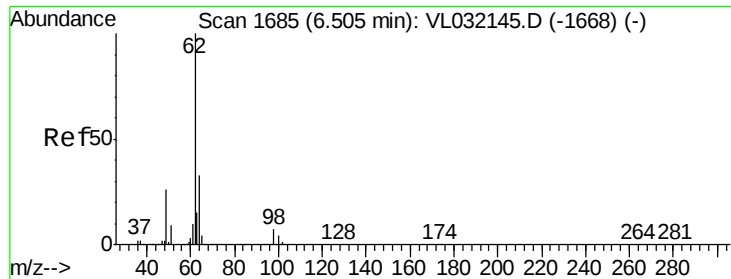
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#34
 2-Butanone
 Concen: 0.19 ppbv
 RT: 5.42 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VL032166.D
 Acq: 30 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.5	18.4	27.6





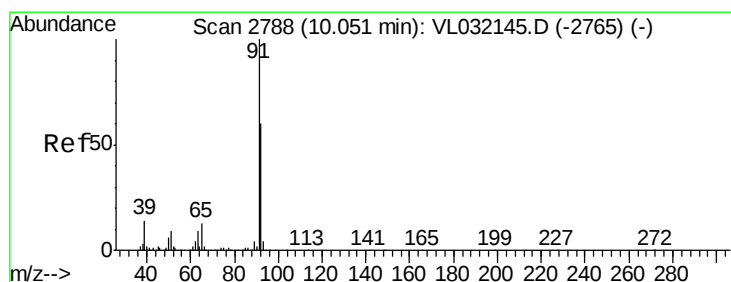
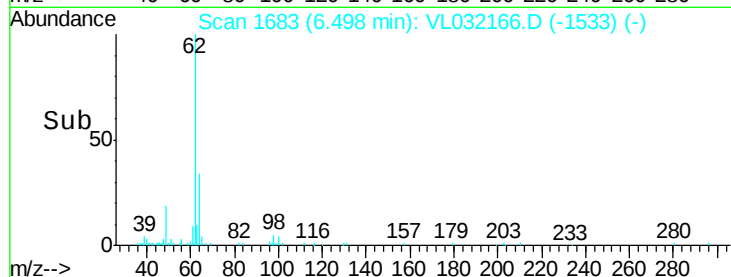
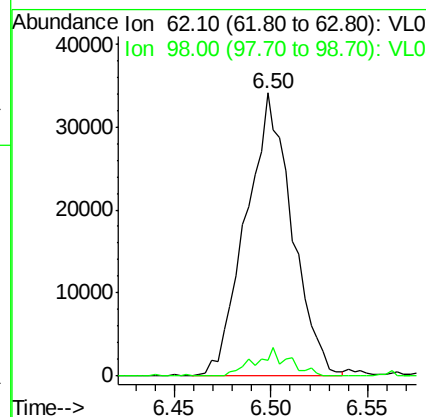
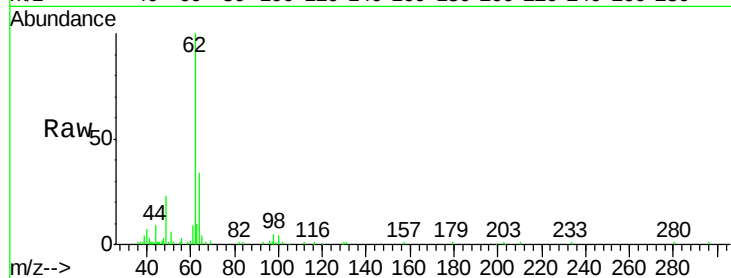
#37
 1,2-Dichloroethane
 Concen: 0.28 ppbv
 RT: 6.50 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: VL032166.D
 Acq: 30 Jun 2018 11:51

Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-B-INDOORDL

Tot Ion	Ratio	Lower	Upper
62	100		
98	7.4	5.8	8.6

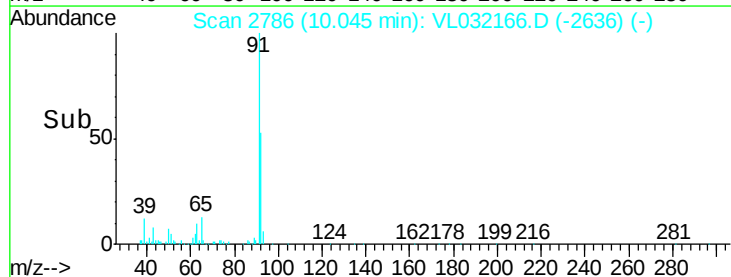
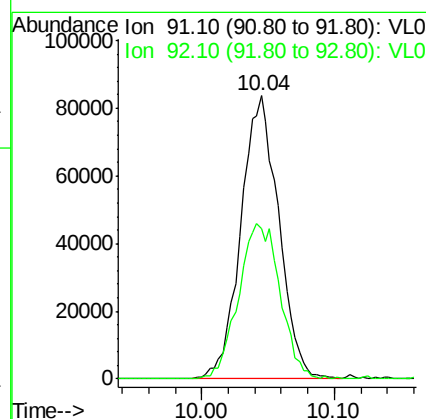
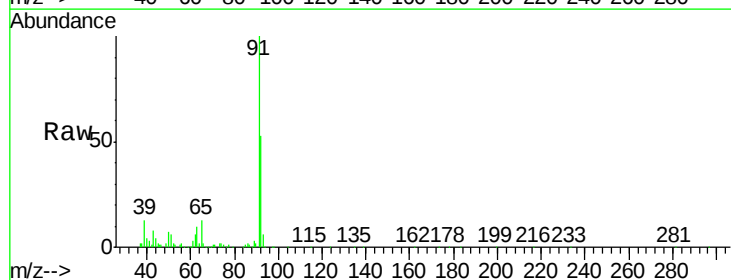
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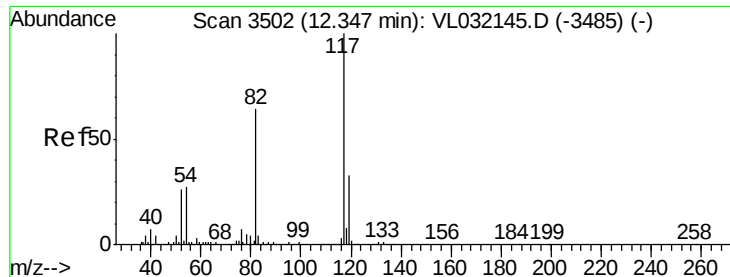
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#53
 Toluene
 Concen: 0.34 ppbv
 RT: 10.04 min Scan# 2786
 Delta R.T. -0.02 min
 Lab File: VL032166.D
 Acq: 30 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.6	49.2	73.8





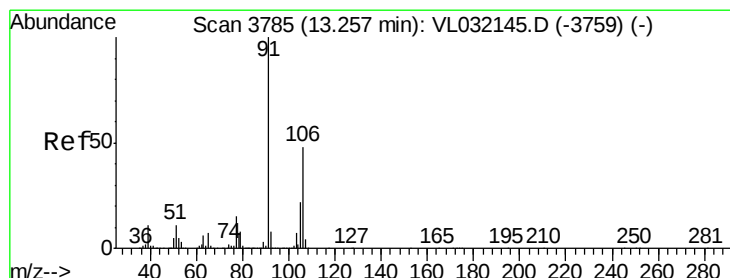
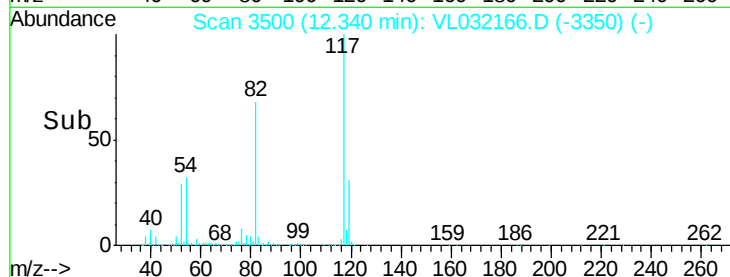
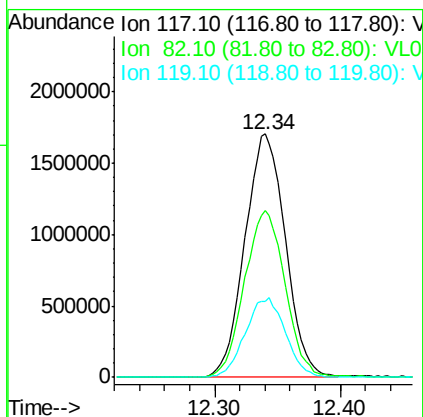
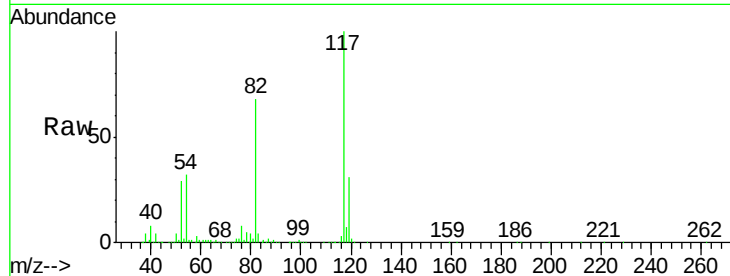
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.34 min Scan# 3500
Delta R.T. -0.02 min
Lab File: VL032166.D
Acq: 30 Jun 2018 11:51

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-INDOORDL

Tot Ion:117 Resp: 3836832
Ion Ratio Lower Upper
117 100
82 69.2 47.8 71.8
119 32.7 43.3 64.9#

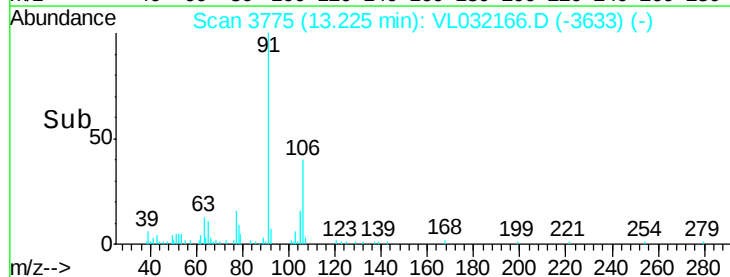
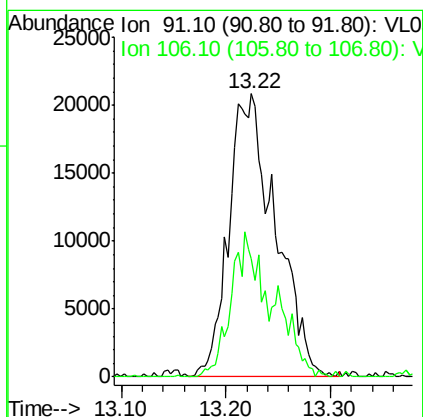
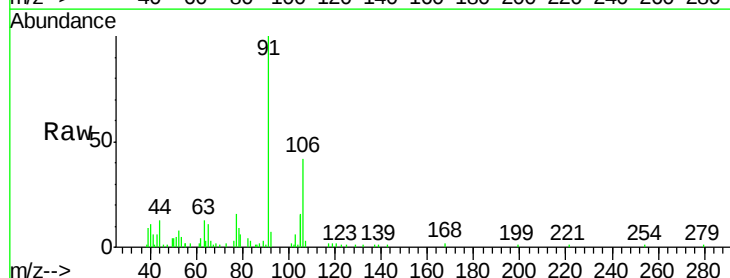
Manual Integrations
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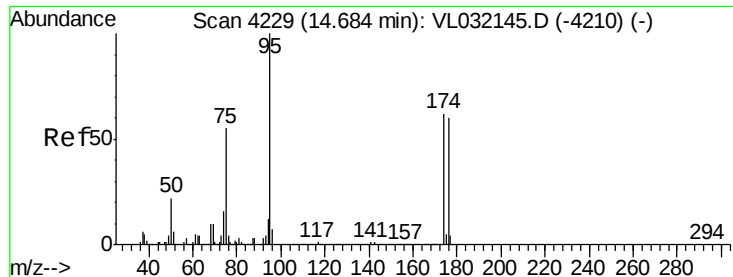
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#59
m/p-Xylene
Concen: 0.13 ppbv m
RT: 13.22 min Scan# 3775
Delta R.T. -0.04 min
Lab File: VL032166.D
Acq: 30 Jun 2018 11:51

Tgt Ion: 91 Resp: 64400
Ion Ratio Lower Upper
91 100
106 0.0 38.6 58.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.70 ppbv
 RT: 14.68 min Scan# 4227
 Delta R.T. -0.02 min
 Lab File: VL032166.D
 Acq: 30 Jun 2018 11:51

Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-B-INDOORDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	57.0	52.1	78.1
175	4.2	4.0	6.0

Manual Integrations
 APPROVED

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