

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120418\
 Data File : VL032899.D
 Acq On : 5 Dec 2018 5:54
 Operator : SY/AP
 Sample : J6177-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSV-6DL

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 1:01:57 PM

Quant Time: Dec 05 16:17:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1472539	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3608779	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3662605	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2664587	9.73	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	83331	1.784	ppbv	98
13) Ethanol	3.66	45	63618m	4.157	ppbv	
15) Acetone	3.90	43	1076415	8.005	ppbv	92
34) 2-Butanone	5.33	43	1027886	5.492	ppbv	99
36) Benzene	7.01	78	156988	0.546	ppbv	95
51) 2-Hexanone	10.30	43	66361	0.352	ppbv #	99
53) Toluene	9.95	91	141845	0.473	ppbv	98
59) m/p-Xylene	13.13	91	60320m	0.154	ppbv	

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

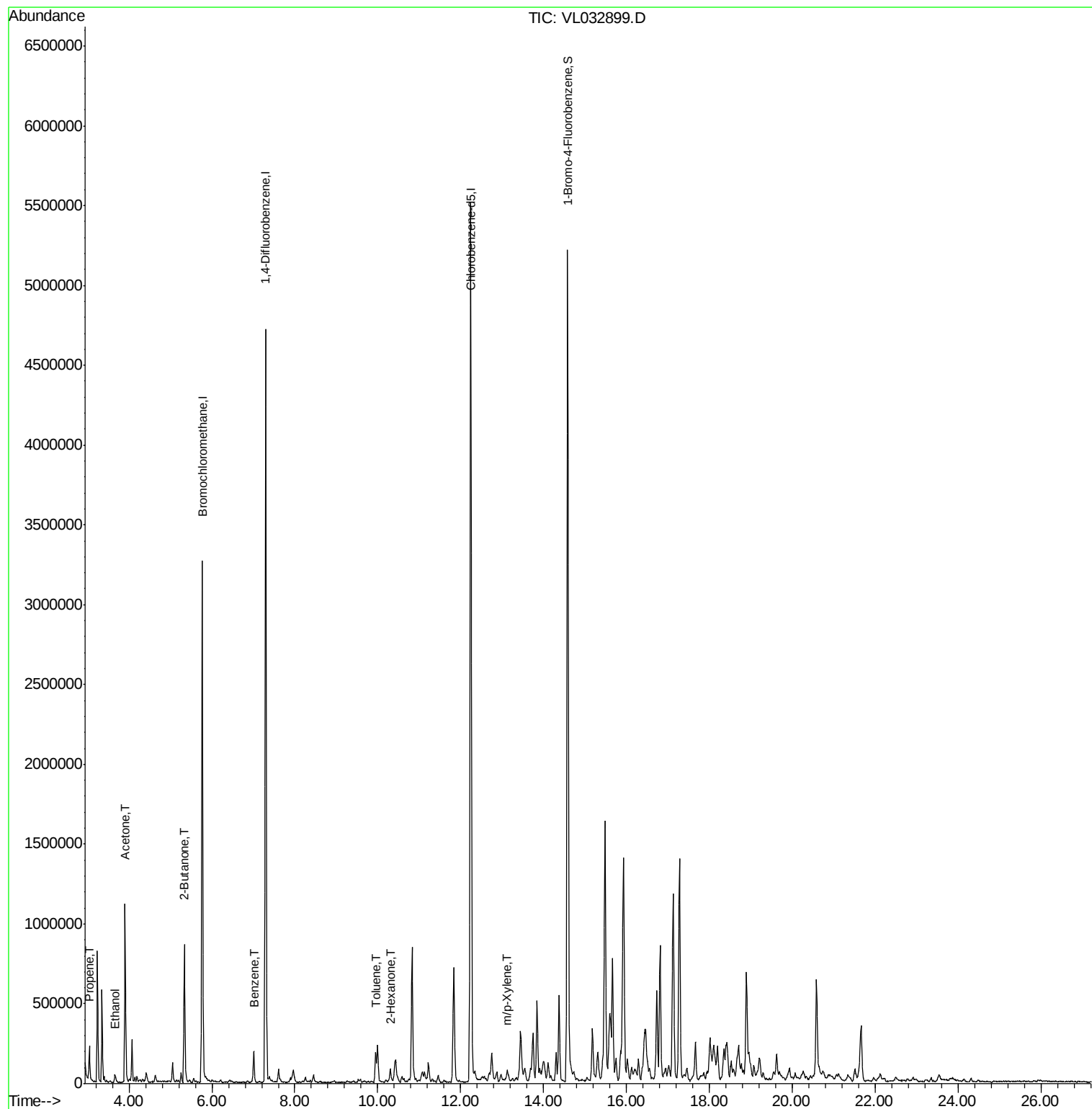
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120418\
Data File : VL032899.D
Acq On : 5 Dec 2018 5:54
Operator : SY/AP
Sample : J6177-02DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

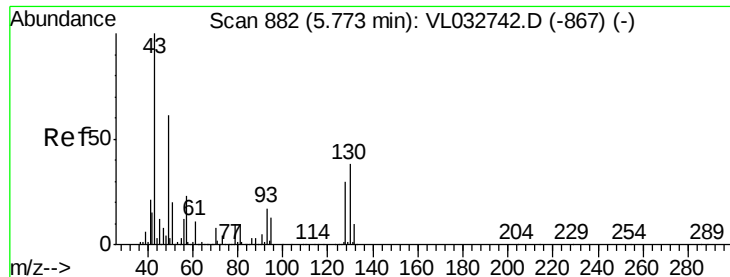
Instrument :
MSVOA_L
ClientSampleId :
VSV-6DL

Manual Integrations
APPROVED

MMDadoda
12/10/2018 1:01:57 PM

Quant Time: Dec 05 16:17:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.01 min

Lab File: VL032899.D

Acq: 5 Dec 2018 5:54

Instrument :

MSVOA_L

ClientSampleId :

VSV-6DL

Tot Ion: 49 Resp: 1472539

Ion Ratio Lower Upper

49 100

128 52.2 24.9 74.6

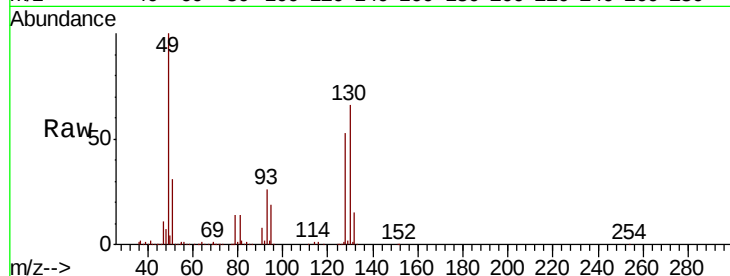
130 67.2 31.4 94.2

Manual Integrations

APPROVED

MMDadoda

12/10/2018 1:01:57 PM



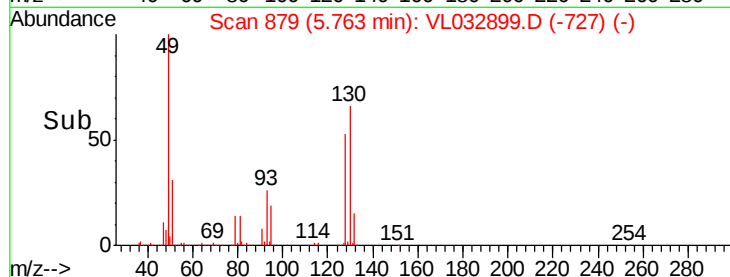
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.76

Time-->



#9

Propene

Concen: 1.784 ppbv

RT: 3.04 min Scan# 32

Delta R.T. -0.00 min

Lab File: VL032899.D

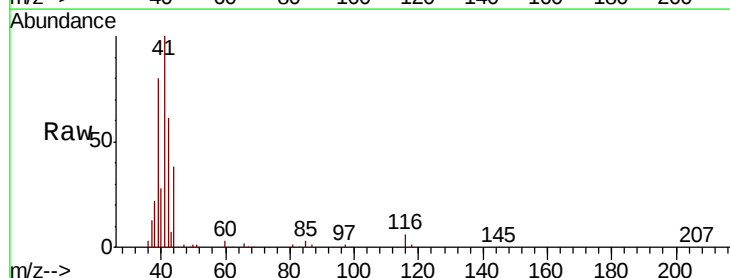
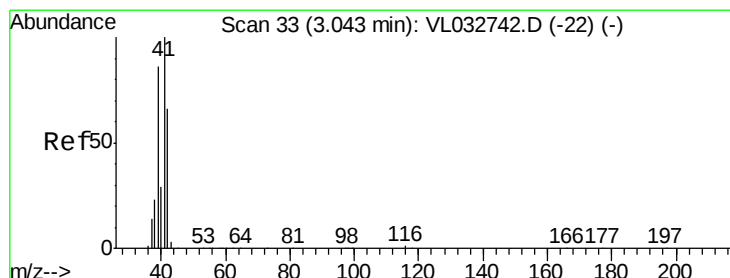
Acq: 5 Dec 2018 5:54

Tgt Ion: 41 Resp: 83331

Ion Ratio Lower Upper

41 100

42 67.0 55.0 82.6

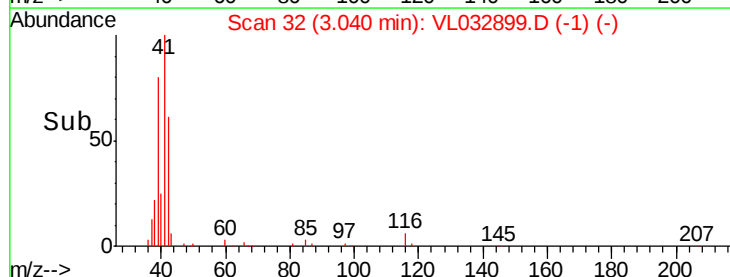


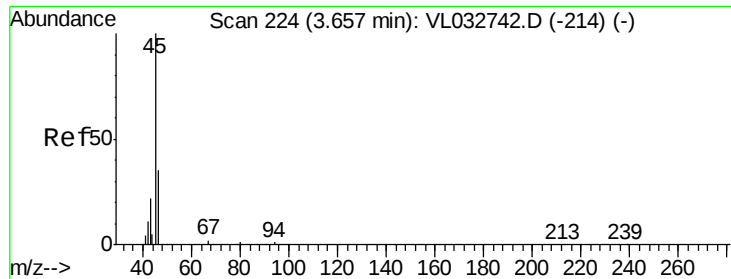
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.04

Time-->





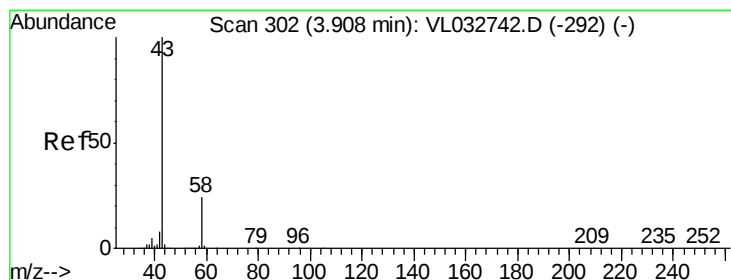
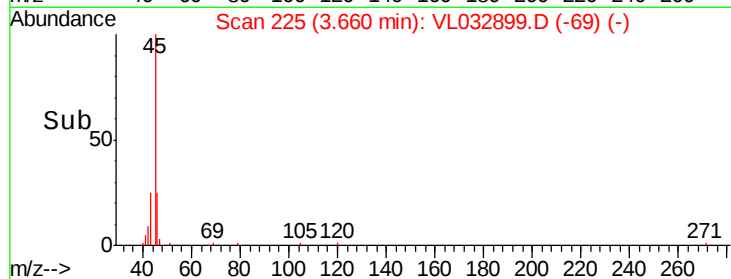
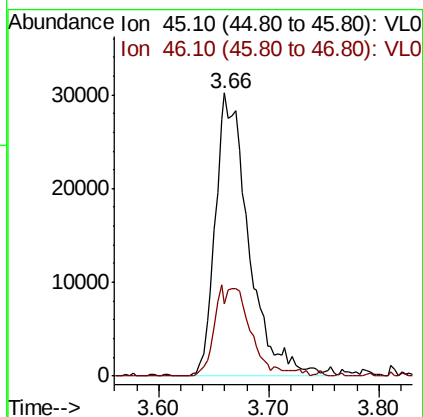
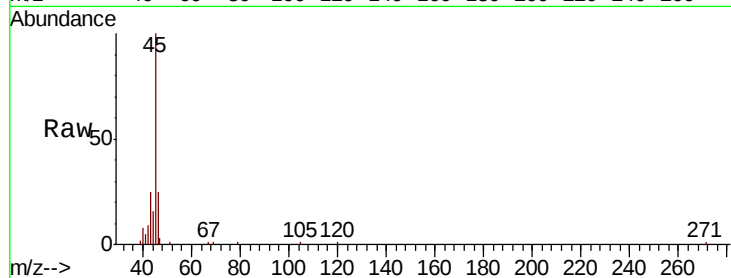
#13
Ethanol
Concen: 4.157 ppbv m
RT: 3.66 min Scan# 225
Delta R.T. 0.00 min
Lab File: VL032899.D
Acq: 5 Dec 2018 5:54

Instrument :
MSVOA_L
ClientSampleId :
VSV-6DL

Tot Ion: 45 Resp: 63618
Ion Ratio Lower Upper
45 100
46 34.5 14.5 57.9

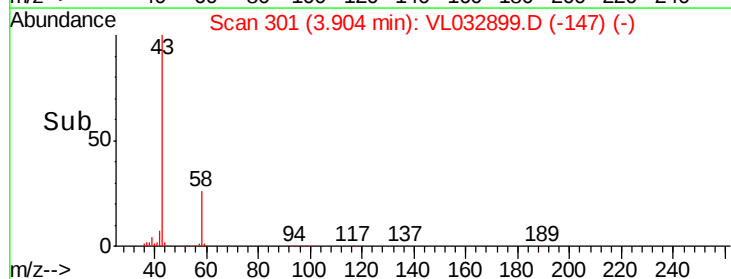
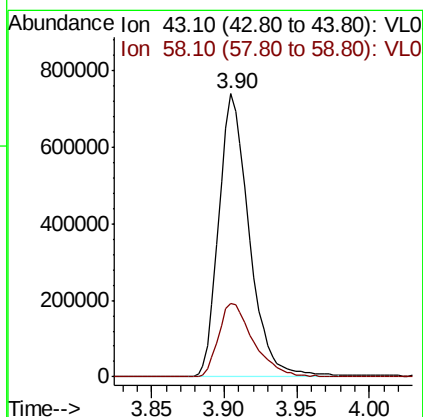
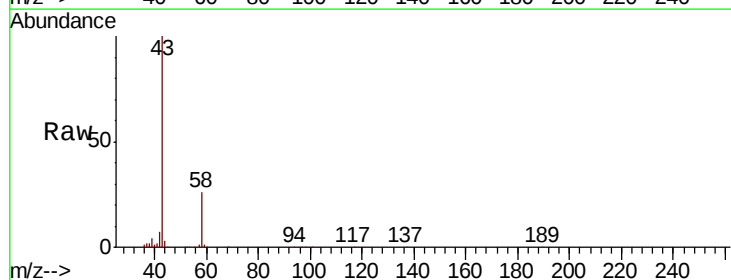
Manual Integrations
APPROVED

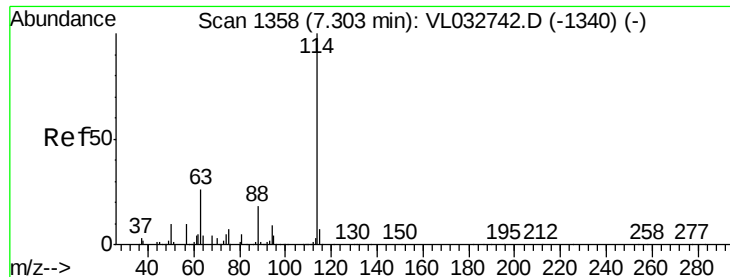
MMDadoda
12/10/2018 1:01:57 PM



#15
Acetone
Concen: 8.005 ppbv
RT: 3.90 min Scan# 301
Delta R.T. -0.00 min
Lab File: VL032899.D
Acq: 5 Dec 2018 5:54

Tgt Ion: 43 Resp: 1076415
Ion Ratio Lower Upper
43 100
58 30.4 21.1 31.7





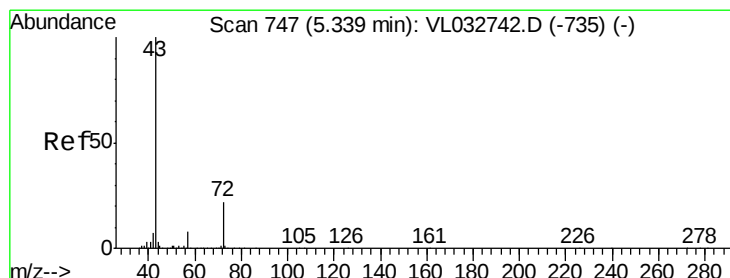
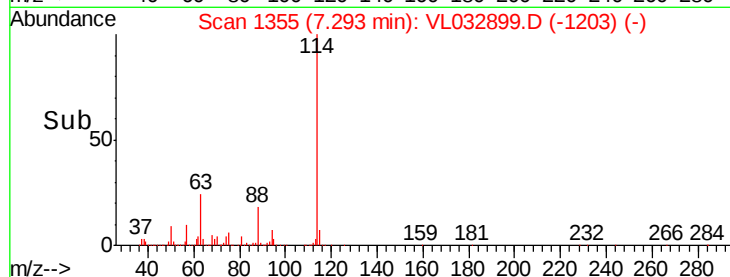
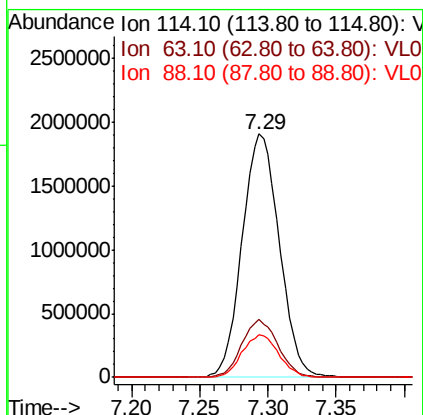
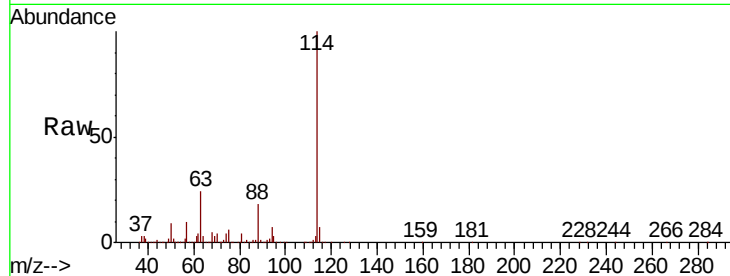
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL032899.D
 Acq: 5 Dec 2018 5:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VSV-6DL

Tot Ion:114 Resp: 3608779
 Ion Ratio Lower Upper
 114 100
 63 23.3 20.9 31.3
 88 17.3 14.4 21.6

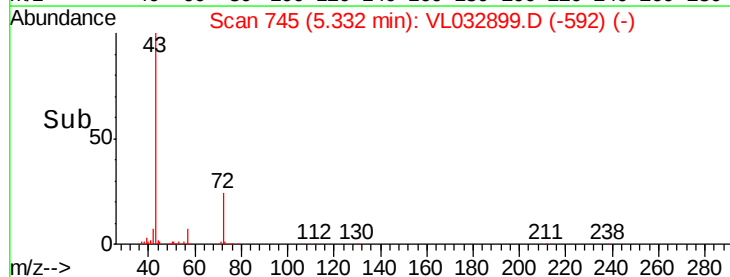
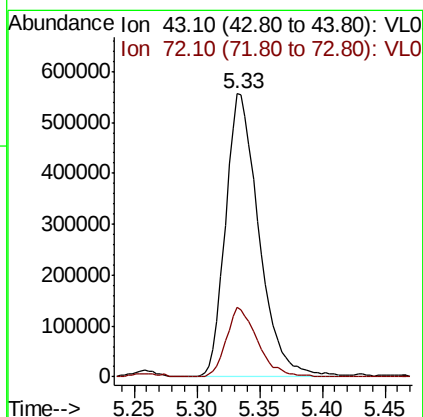
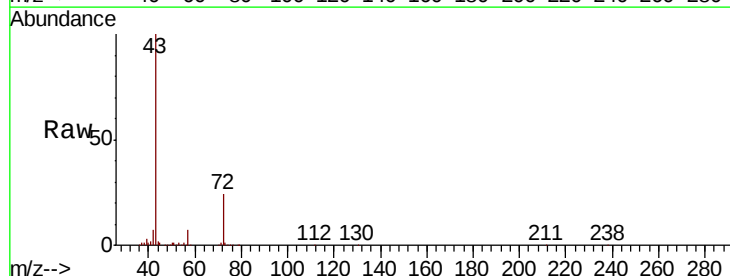
Manual Integrations
 APPROVED

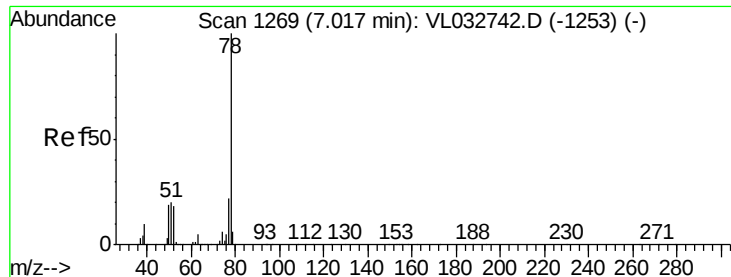
MMDadoda
 12/10/2018 1:01:57 PM



#34
 2-Butanone
 Concen: 5.492 ppbv
 RT: 5.33 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VL032899.D
 Acq: 5 Dec 2018 5:54

Tgt Ion: 43 Resp: 1027886
 Ion Ratio Lower Upper
 43 100
 72 23.6 18.4 27.6





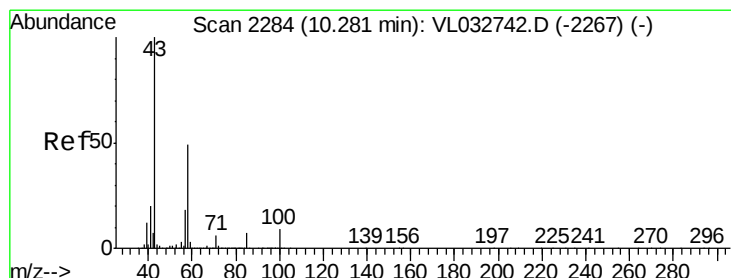
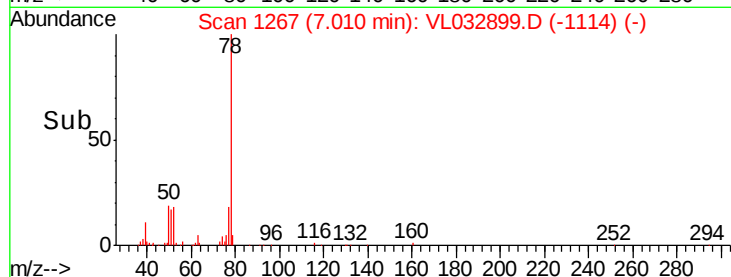
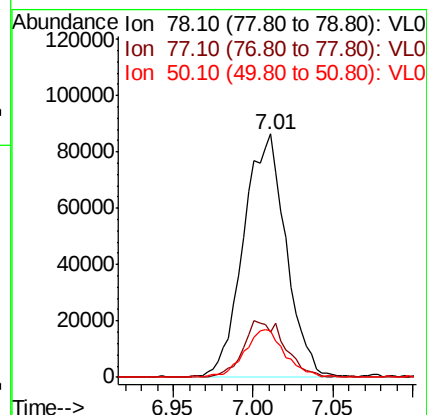
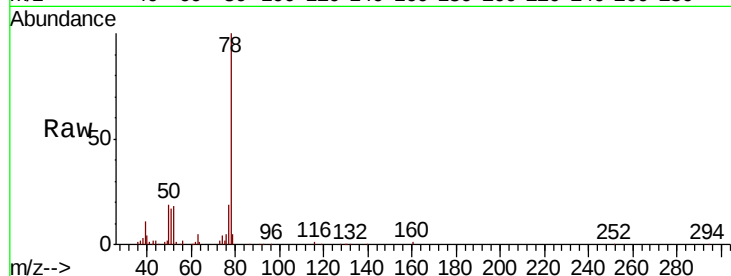
#36
Benzene
Concen: 0.546 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VL032899.D
Acq: 5 Dec 2018 5:54

Instrument :
MSVOA_L
ClientSampleId :
VSV-6DL

Tot Ion	Ratio	Lower	Upper
78	100		
77	18.3	17.8	26.8
50	18.9	15.4	23.0

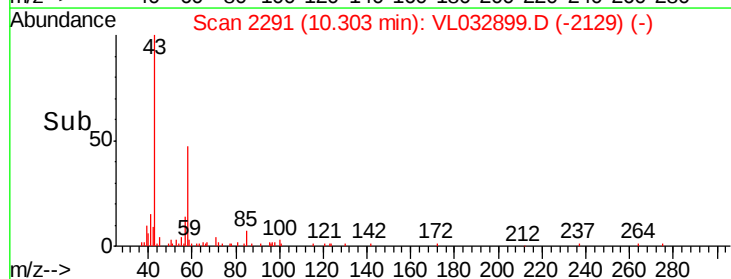
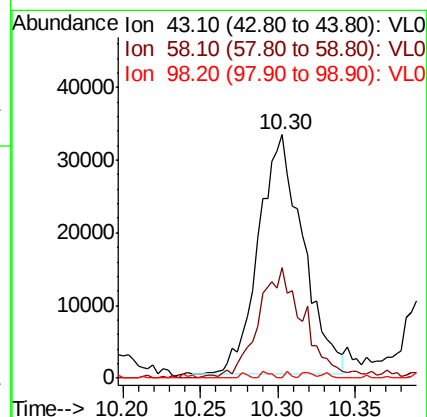
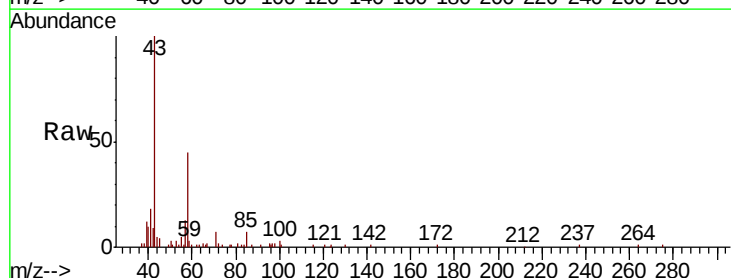
Manual Integrations
APPROVED

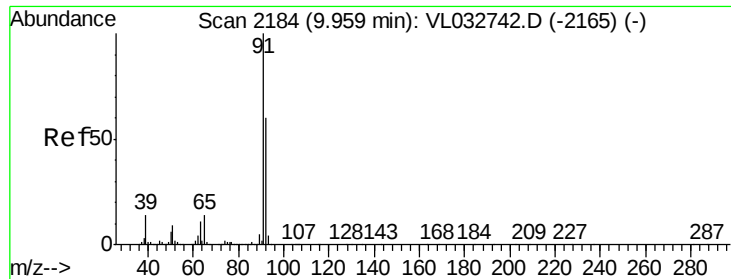
MMDadoda
12/10/2018 1:01:57 PM



#51
2-Hexanone
Concen: 0.352 ppbv
RT: 10.30 min Scan# 2291
Delta R.T. 0.02 min
Lab File: VL032899.D
Acq: 5 Dec 2018 5:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	49.4	38.9	58.3
98	1.9	0.2	0.4#





#53

Toluene

Concen: 0.473 ppbv

RT: 9.95 min Scan# 2181

Delta R.T. -0.01 min

Lab File: VL032899.D

Acq: 5 Dec 2018 5:54

Instrument :

MSVOA_L

ClientSampleId :

VSV-6DL

Tot Ion: 91 Resp: 141845

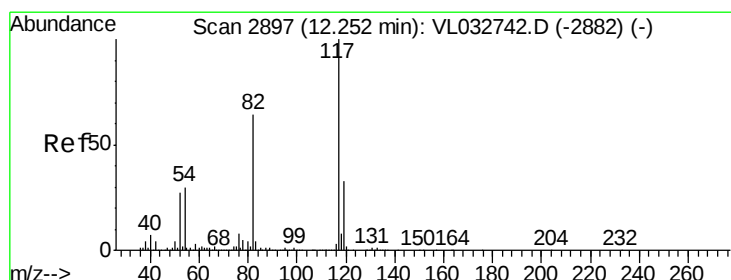
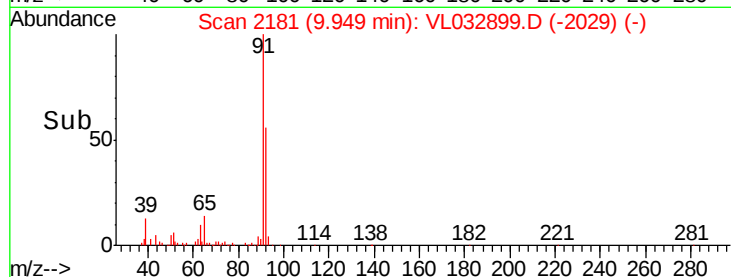
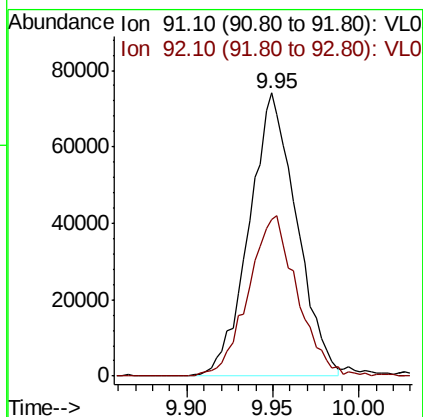
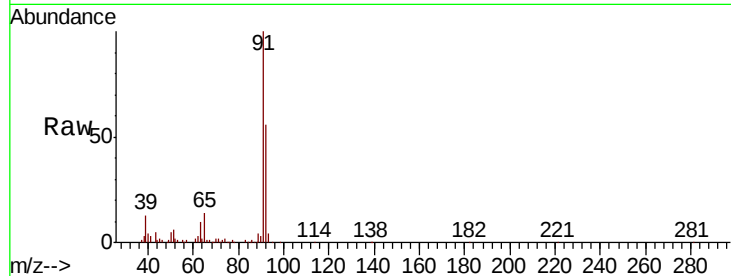
Ion Ratio Lower Upper

91 100

92 58.7 47.9 71.9

Manual Integrations
APPROVED

MMDadoda
12/10/2018 1:01:57 PM



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2894

Delta R.T. -0.01 min

Lab File: VL032899.D

Acq: 5 Dec 2018 5:54

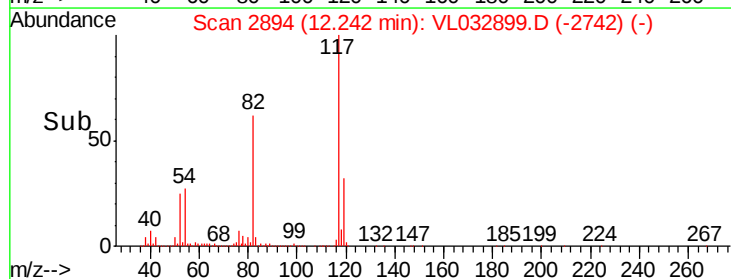
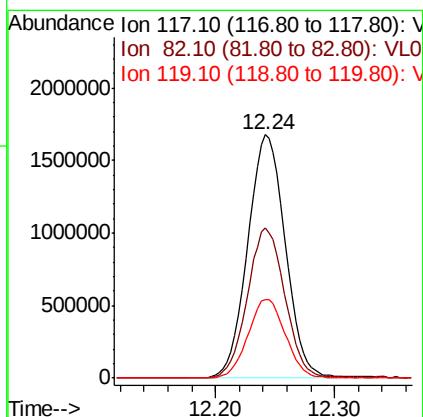
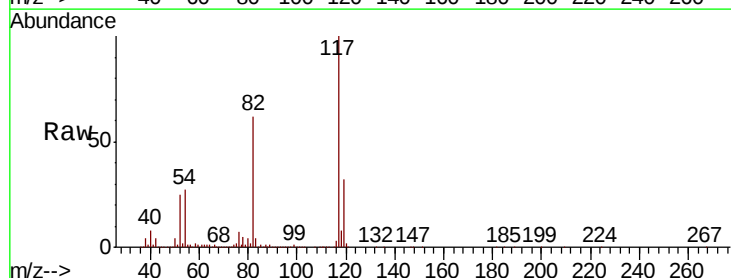
Tgt Ion: 117 Resp: 3662605

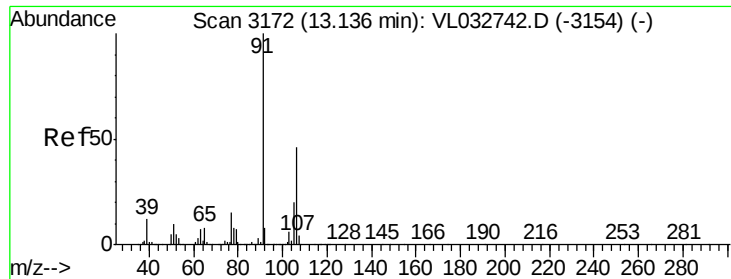
Ion Ratio Lower Upper

117 100

82 61.7 51.0 76.6

119 32.5 28.0 42.0





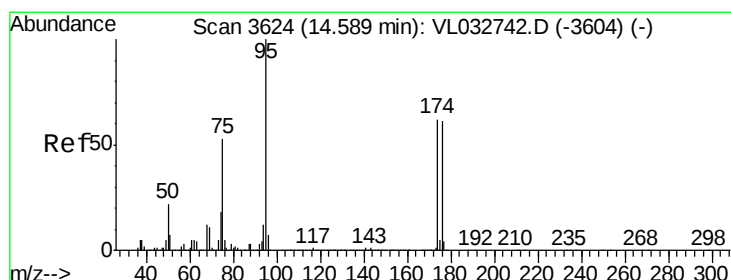
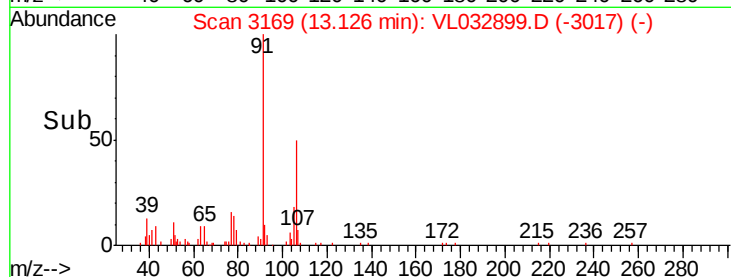
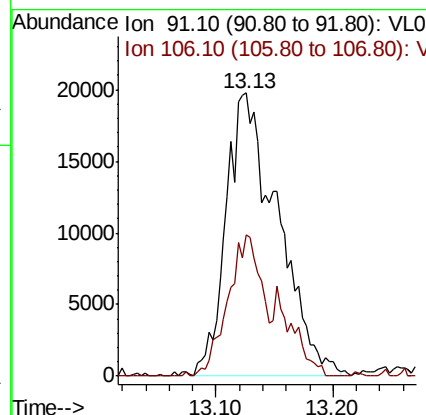
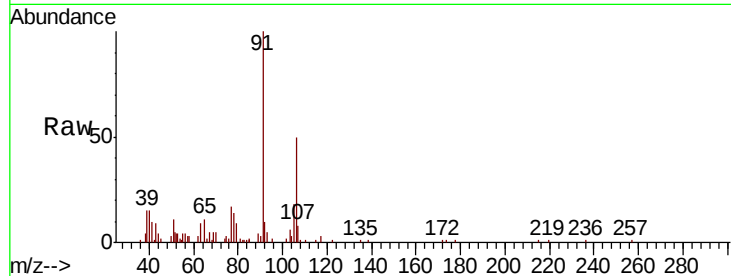
#59
m/p-Xylene
Concen: 0.154 ppbv m
RT: 13.13 min Scan# 3169
Delta R.T. -0.01 min
Lab File: VL032899.D
Acq: 5 Dec 2018 5:54

Instrument :
MSVOA_L
ClientSampleId :
VSV-6DL

Tot Ion: 91 Resp: 60320
Ion Ratio Lower Upper
91 100
106 44.7 36.1 54.1

Manual Integrations
APPROVED

MMDadoda
12/10/2018 1:01:57 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 9.727 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032899.D
Acq: 5 Dec 2018 5:54

Tgt Ion: 95 Resp: 2664587
Ion Ratio Lower Upper
95 100
174 67.4 50.7 76.1
175 4.9 3.8 5.6

