

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120418\
 Data File : VL032884.D
 Acq On : 4 Dec 2018 20:04
 Operator : SY/AP
 Sample : J6175-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-04

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 1:00:31 PM

Quant Time: Dec 05 15:20:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 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	5.77	49	1331727	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3535589	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3581443	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2596872	9.69	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	160565	0.839	ppbv	99
3) Chlorodifluoromethane	3.02	51	147134	1.394	ppbv	98
4) Chloromethane	3.17	50	139260	2.379	ppbv	97
7) Chloroethane	3.61	64	267800	11.978	ppbv	92
9) Propene	3.04	41	4655784	110.192	ppbv	93
10) Heptane	8.25	43	206233	1.279	ppbv	94
11) Trichlorofluoromethane	4.01	101	126109	0.699	ppbv	98
13) Ethanol	3.66	45	663957	47.977	ppbv	100
15) Acetone	3.90	43	4103095m	33.738	ppbv	
20) Methylene Chloride	4.42	84	221832	3.523	ppbv	98
26) Hexane	5.79	57	654626	5.188	ppbv #	7
27) Carbon Disulfide	4.62	76	2325206	14.533	ppbv	99
29) Chloroform	5.86	83	107548	0.478	ppbv	92
30) Cyclohexane	7.25	84	324117	2.937	ppbv #	79
34) 2-Butanone	5.33	43	10230389	55.789	ppbv	94
35) Carbon Tetrachloride	7.15	117	29021m	0.102	ppbv	
36) Benzene	7.01	78	3270212	11.615	ppbv	98
41) Tetrahydrofuran	6.15	42	1131721	10.759	ppbv	99
44) 2,2,4-Trimethylpentane	7.99	57	419330	0.891	ppbv #	61
51) 2-Hexanone	10.27	43	1185148	6.423	ppbv #	98
52) Tetrachloroethene	11.37	164	9511m	0.097	ppbv	
53) Toluene	9.96	91	1380576	4.700	ppbv	99
58) Ethyl Benzene	12.87	91	359854	0.835	ppbv	99
59) m/p-Xylene	13.13	91	705215	1.838	ppbv	95
60) o-Xylene	13.85	91	469305	1.216	ppbv	97
61) Styrene	13.69	104	83831	0.334	ppbv	98
62) Isopropylbenzene	14.83	105	80678	0.155	ppbv	97
69) p-Isopropyltoluene	17.82	119	80834	0.151	ppbv	96
72) 4-Ethyltoluene	16.00	105	122275	0.289	ppbv	97
73) 1,3,5-Trimethylbenzene	16.16	105	219815	0.532	ppbv	96
74) 1,2,4-Trimethylbenzene	16.93	105	356371	0.805	ppbv #	69

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

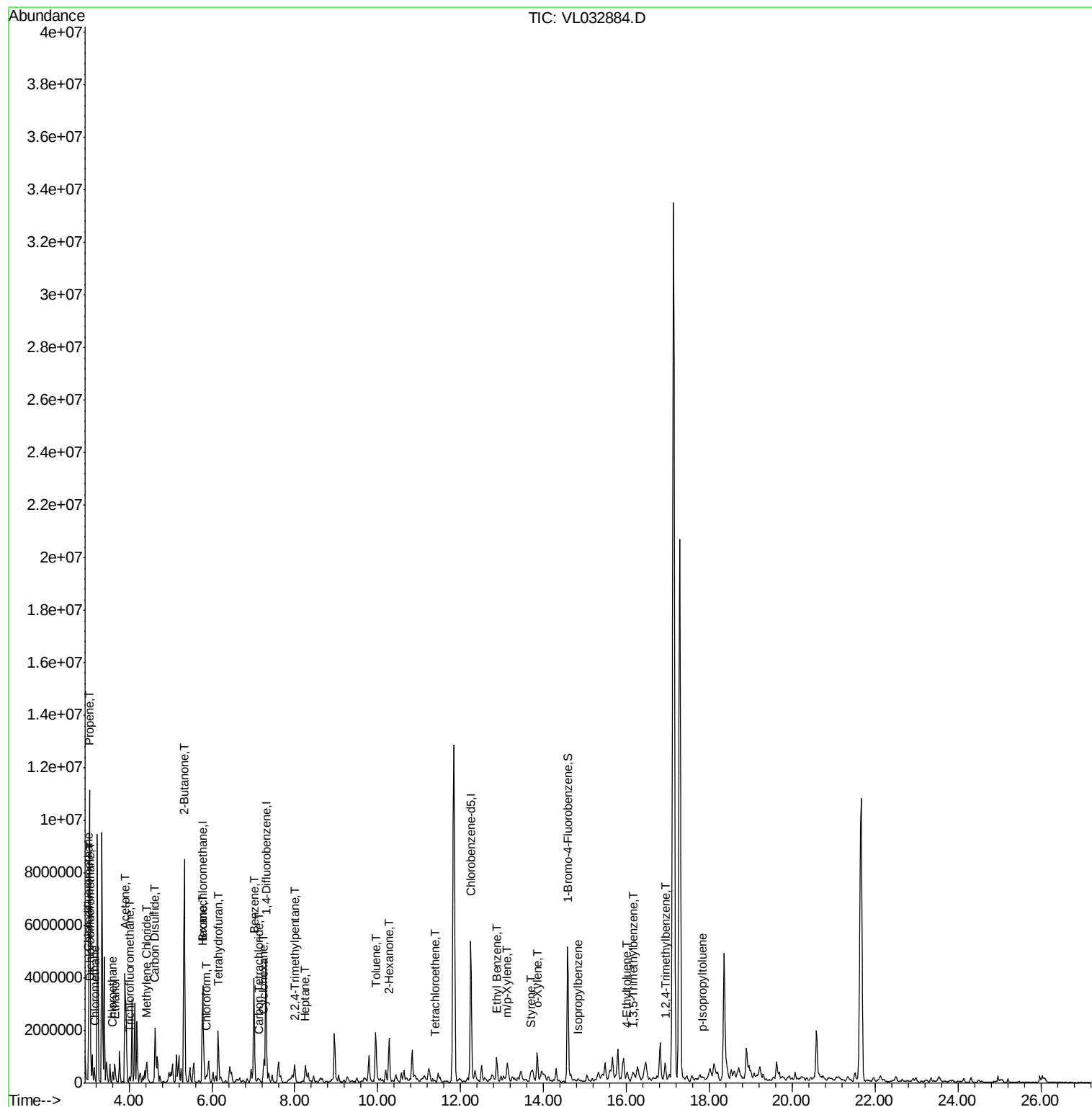
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120418\
Data File : VL032884.D
Acq On : 4 Dec 2018 20:04
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

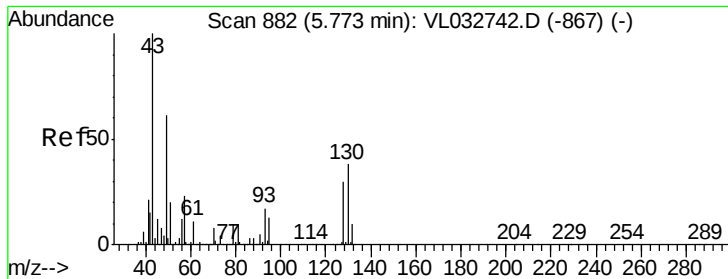
Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Manual Integrations
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12/10/2018 1:00:31 PM

Quant Time: Dec 05 15:20:51 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: 5.77 min Scan# 881

Delta R.T. -0.00 min

Lab File: VL032884.D

Acq: 4 Dec 2018 20:04

Instrument :

MSVOA_L

ClientSampled :

MMSV-04

Tot Ion: 49 Resp: 1331727

Ion Ratio Lower Upper

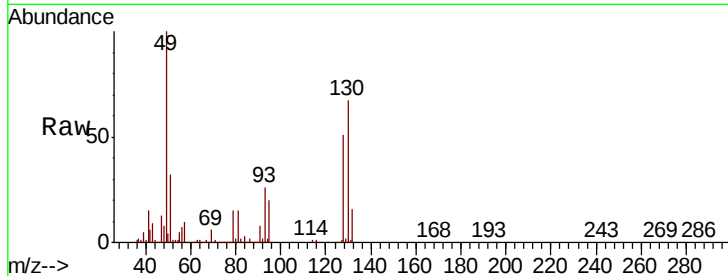
49 100

128 52.3 24.9 74.6

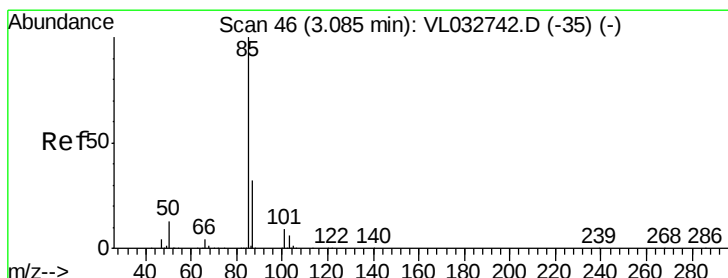
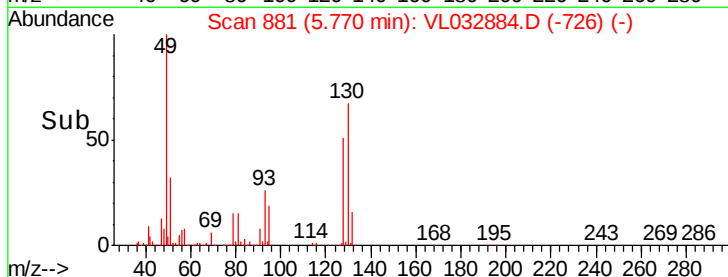
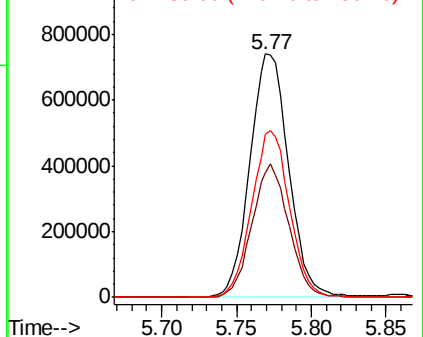
130 67.1 31.4 94.2

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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



#2

Dichlorodifluoromethane

Concen: 0.839 ppbv

RT: 3.08 min Scan# 45

Delta R.T. -0.00 min

Lab File: VL032884.D

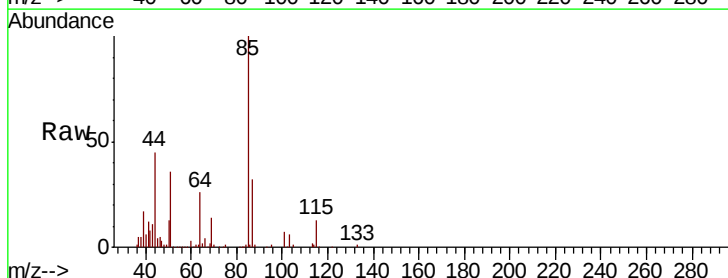
Acq: 4 Dec 2018 20:04

Tgt Ion: 85 Resp: 160565

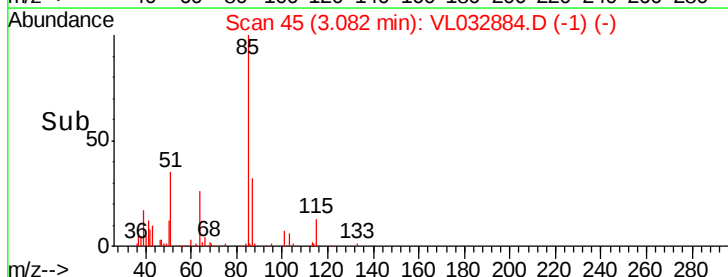
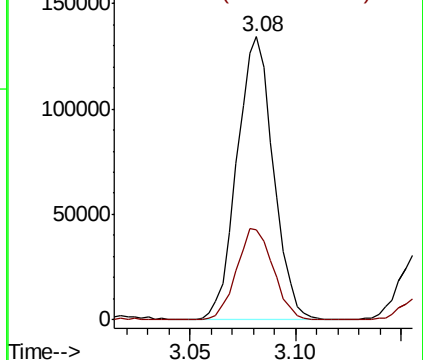
Ion Ratio Lower Upper

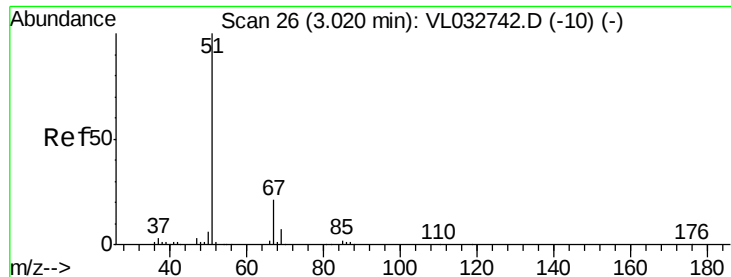
85 100

87 31.7 26.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VL0
Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.394 ppbv

RT: 3.02 min Scan# 25

Delta R.T. -0.00 min

Lab File: VL032884.D

Acq: 4 Dec 2018 20:04

Instrument :

MSVOA_L

ClientSampleId :

MMSV-04

Tot Ion: 51 Resp: 147134

Ion Ratio Lower Upper

51 100

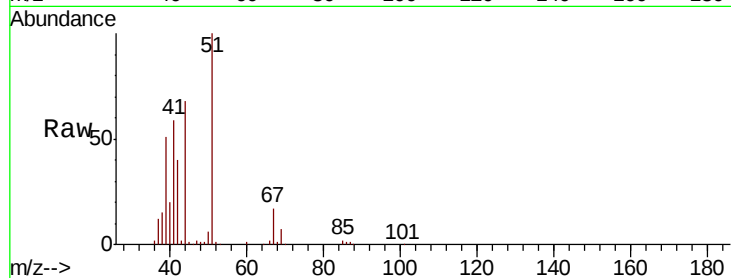
67 19.3 16.1 24.1

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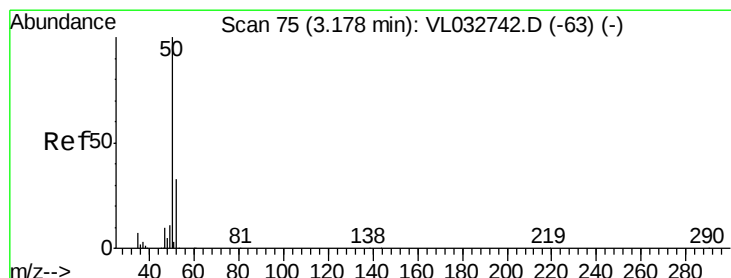
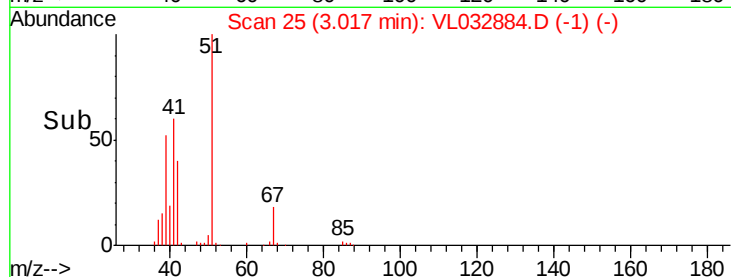
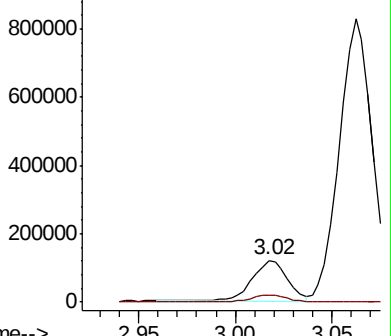
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 2.379 ppbv

RT: 3.17 min Scan# 74

Delta R.T. -0.00 min

Lab File: VL032884.D

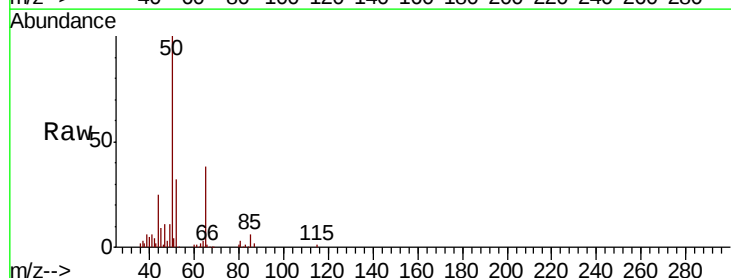
Acq: 4 Dec 2018 20:04

Tgt Ion: 50 Resp: 139260

Ion Ratio Lower Upper

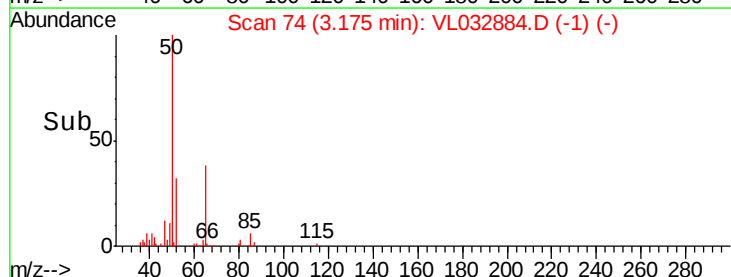
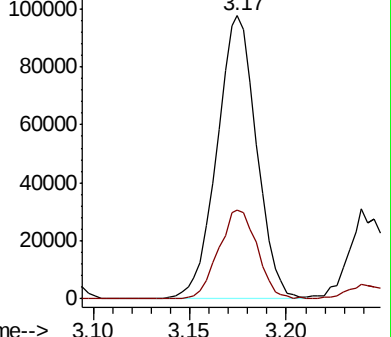
50 100

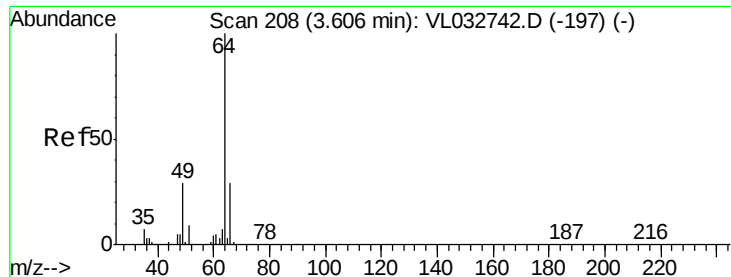
52 31.6 26.6 40.0



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 11.978 ppbv

RT: 3.61 min Scan# 209

Delta R.T. 0.00 min

Lab File: VL032884.D

Acq: 4 Dec 2018 20:04

Instrument :

MSVOA_L

ClientSampleId :

MMSV-04

Tot Ion: 64 Resp: 267800

Ion Ratio Lower Upper

64 100

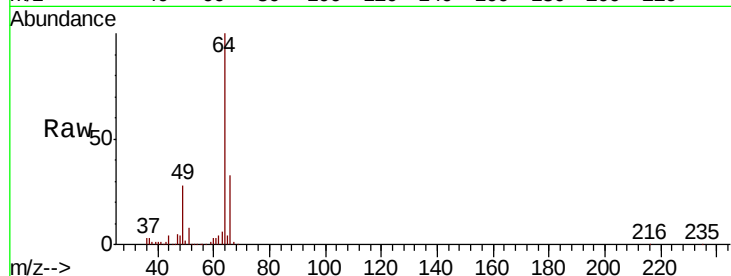
66 33.0 23.2 34.8

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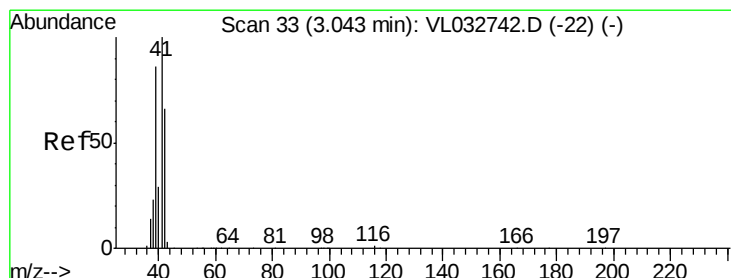
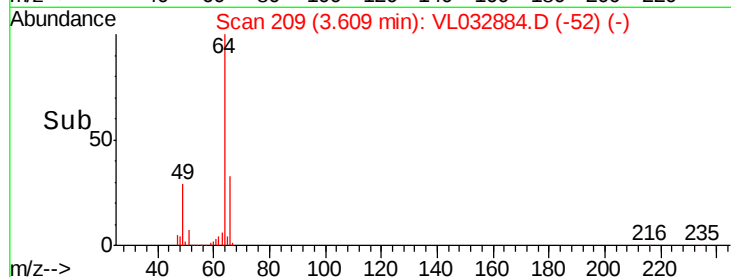
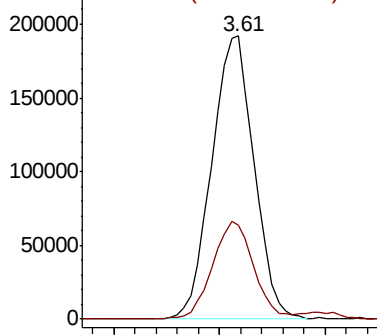
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 110.192 ppbv

RT: 3.04 min Scan# 32

Delta R.T. -0.00 min

Lab File: VL032884.D

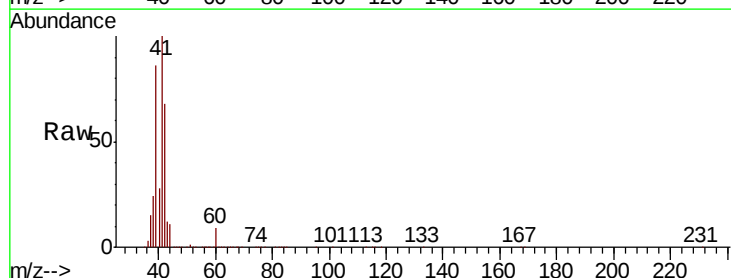
Acq: 4 Dec 2018 20:04

Tgt Ion: 41 Resp: 4655784

Ion Ratio Lower Upper

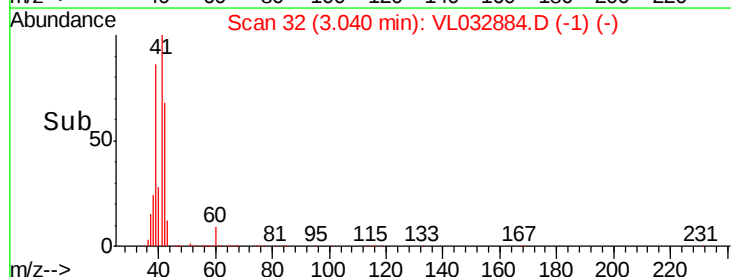
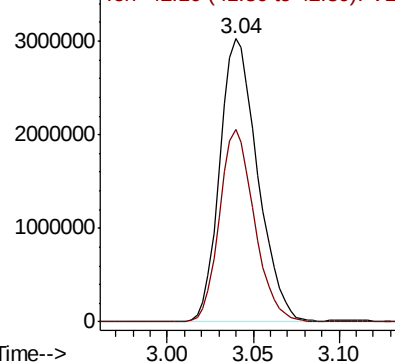
41 100

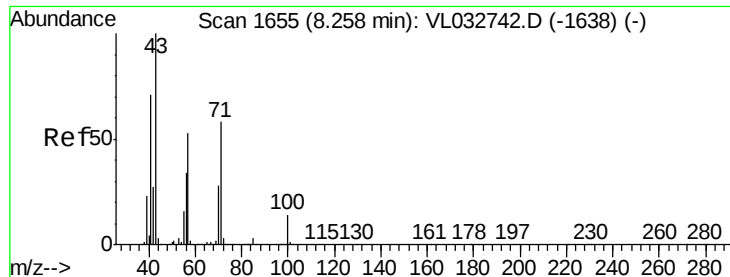
42 62.8 55.0 82.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





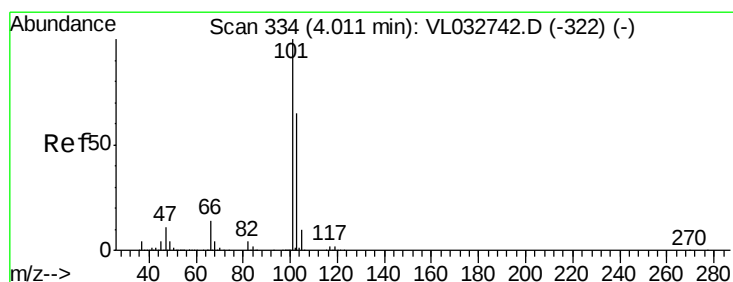
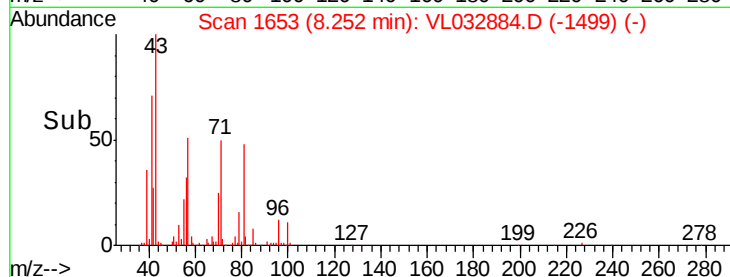
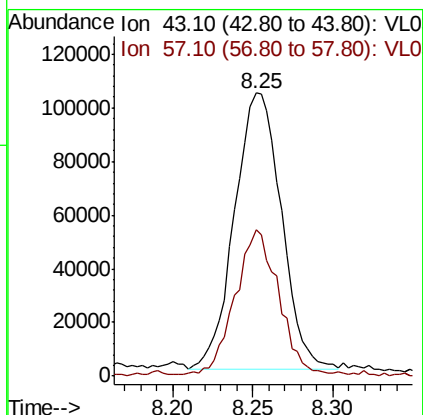
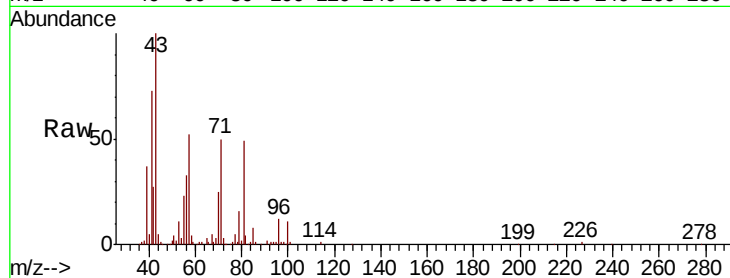
#10
Heptane
Concen: 1.279 ppbv
RT: 8.25 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tot Ion: 43 Resp: 206233
Ion Ratio Lower Upper
43 100
57 48.4 41.8 62.8

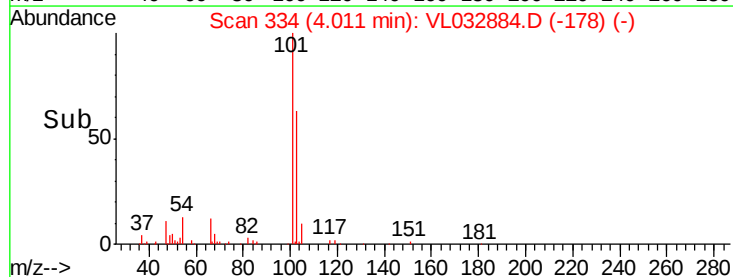
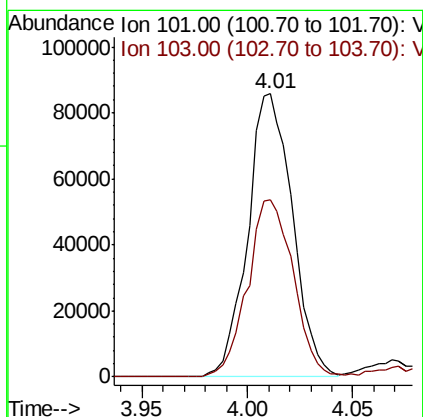
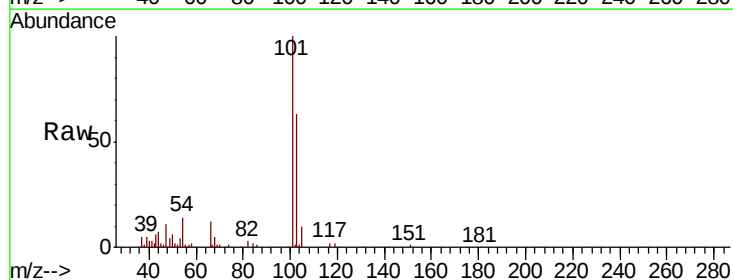
Manual Integrations
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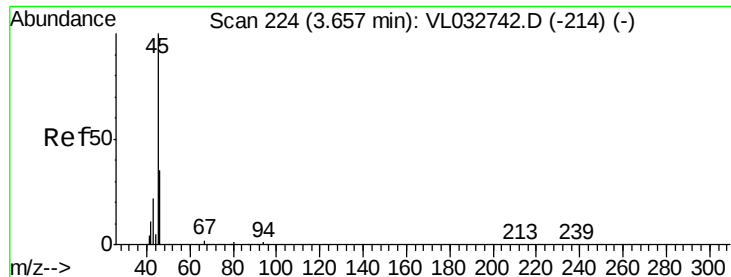
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#11
Trichlorofluoromethane
Concen: 0.699 ppbv
RT: 4.01 min Scan# 334
Delta R.T. 0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 101 Resp: 126109
Ion Ratio Lower Upper
101 100
103 62.7 51.6 77.4





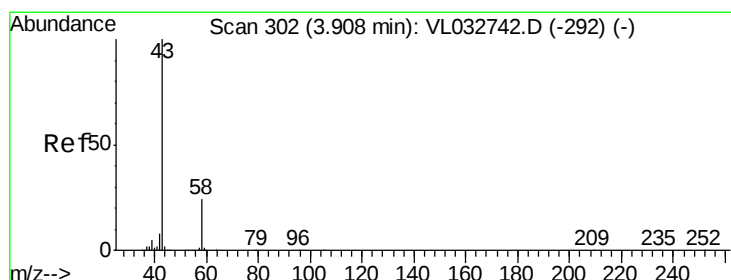
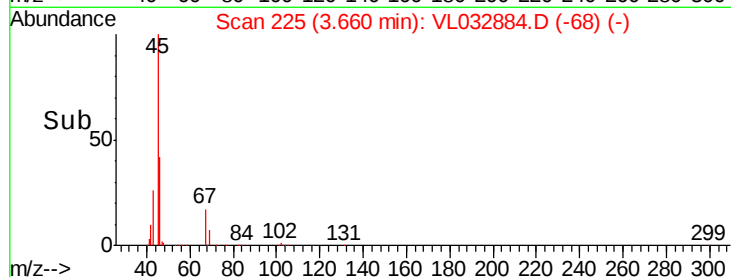
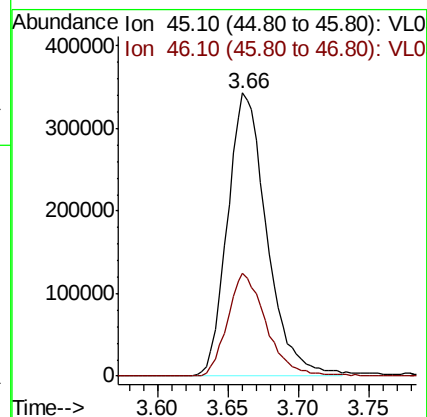
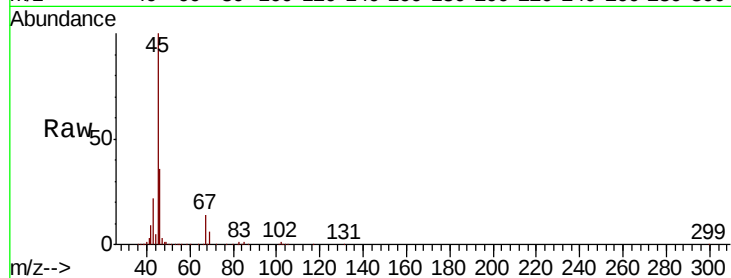
#13
Ethanol
Concen: 47.977 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tot Ion	45	Resp	663957
Ion Ratio	100	Lower	Upper
45	100		
46	36.1	14.5	57.9

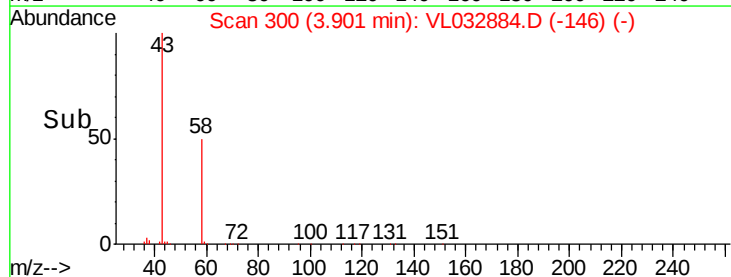
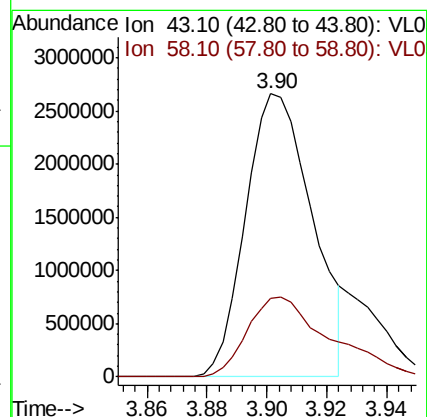
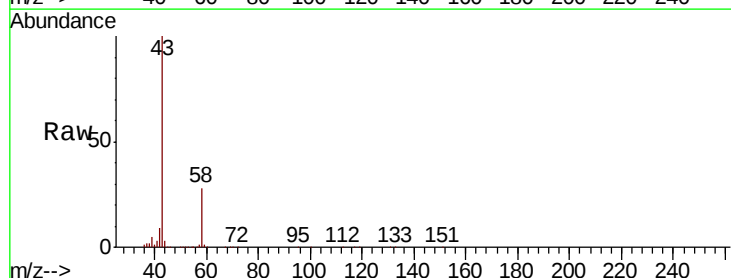
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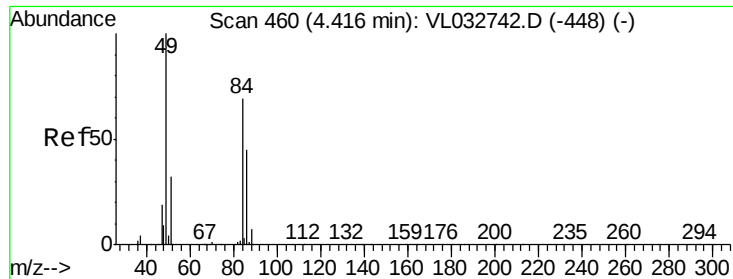
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#15
Acetone
Concen: 33.738 ppbv m
RT: 3.90 min Scan# 300
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion	43	Resp	4103095
Ion Ratio	100	Lower	Upper
43	100		
58	35.6	21.1	31.7#





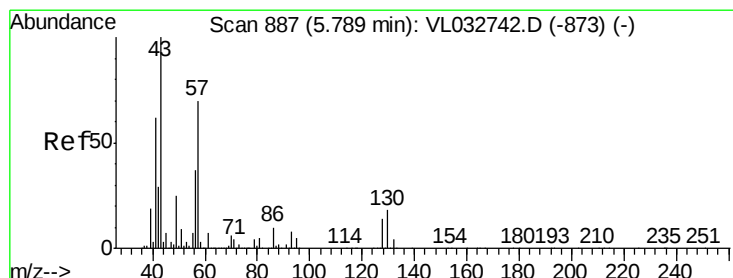
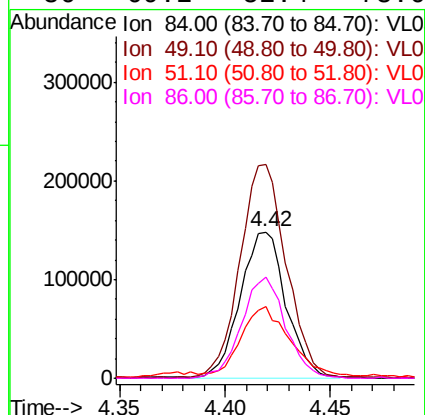
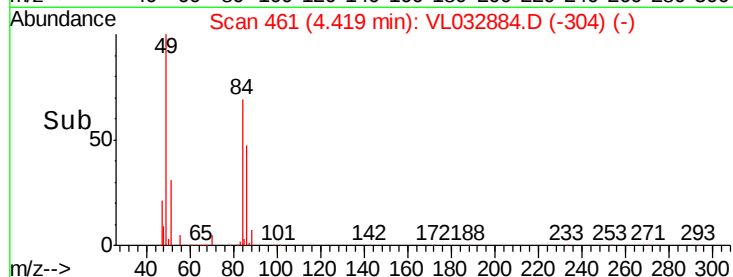
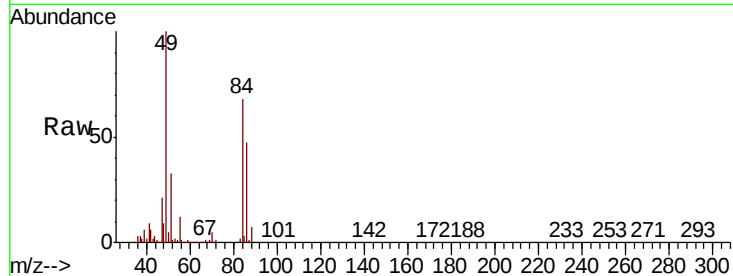
#20
Methvlene Chloride
Concen: 3.523 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	145.9	115.8	173.6	
51	46.4	36.9	55.3	
86	69.2	52.4	78.6	

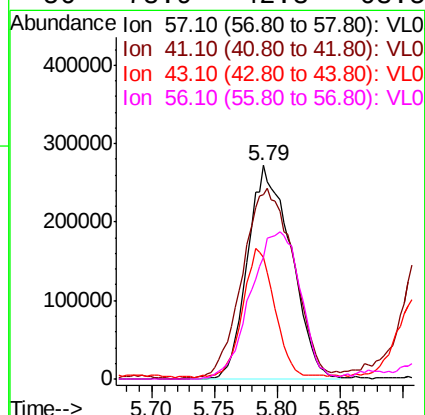
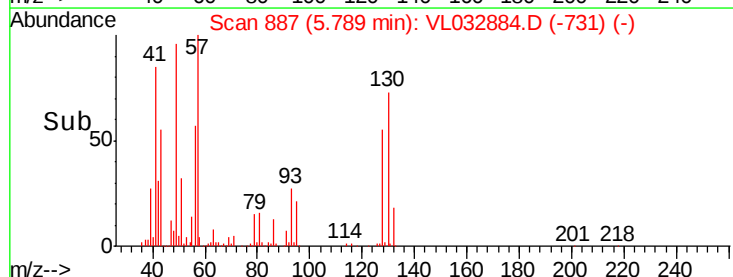
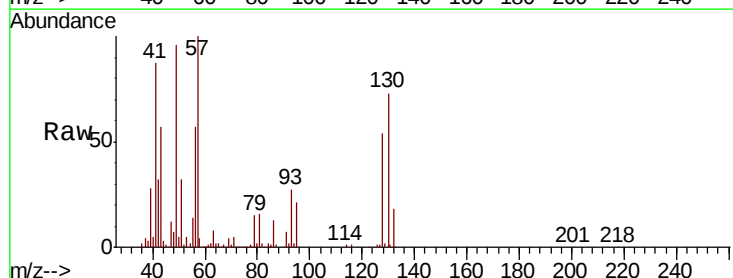
Manual Integrations
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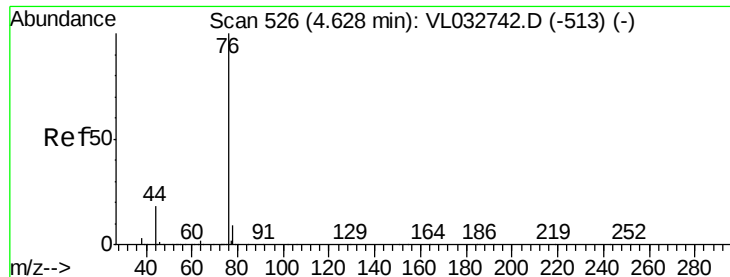
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12/10/2018 1:00:31 PM



#26
Hexane
Concen: 5.188 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	105.6	70.3	105.5#	
43	0.0	174.0	261.0#	
56	78.9	42.3	63.5#	





#27

Carbon Disulfide

Concen: 14.533 ppbv

RT: 4.62 min Scan# 525

Delta R.T. -0.00 min

Lab File: VL032884.D

Acq: 4 Dec 2018 20:04

Instrument :

MSVOA_L

ClientSampleId :

MMSV-04

Tot Ion: 76 Resp: 2325206

Ion Ratio Lower Upper

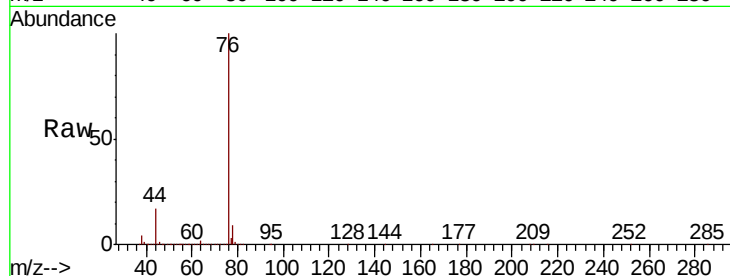
76 100

44 18.6 14.4 21.6

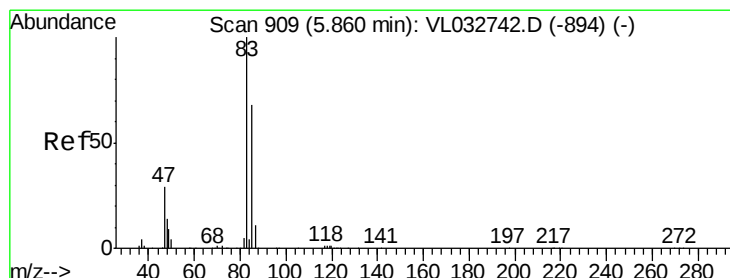
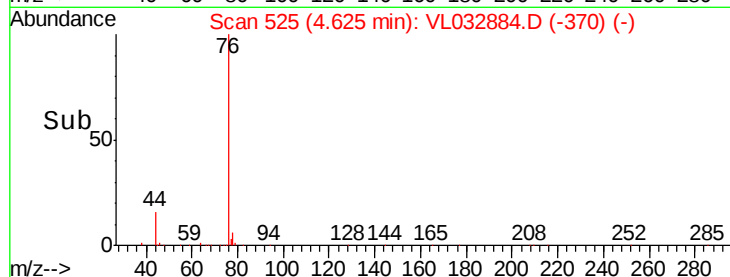
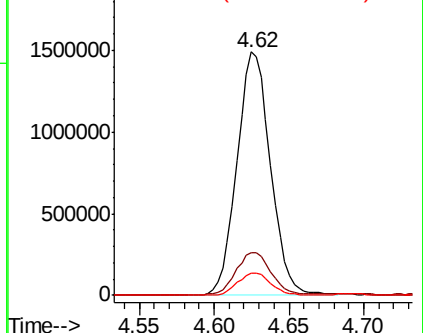
78 9.2 7.7 11.5

Manual Integrations
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Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#29

Chloroform

Concen: 0.478 ppbv

RT: 5.86 min Scan# 910

Delta R.T. 0.00 min

Lab File: VL032884.D

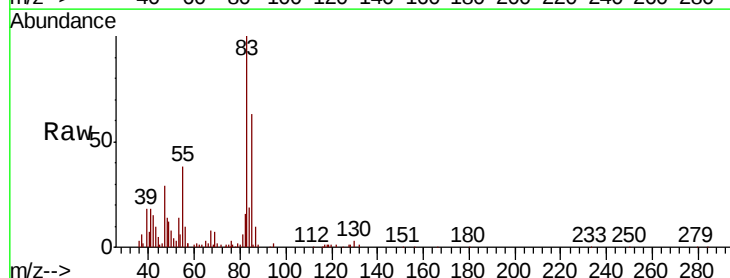
Acq: 4 Dec 2018 20:04

Tgt Ion: 83 Resp: 107548

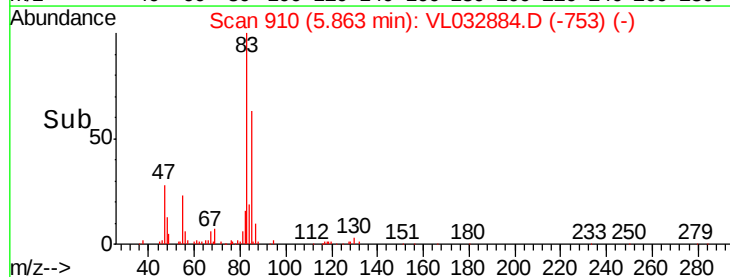
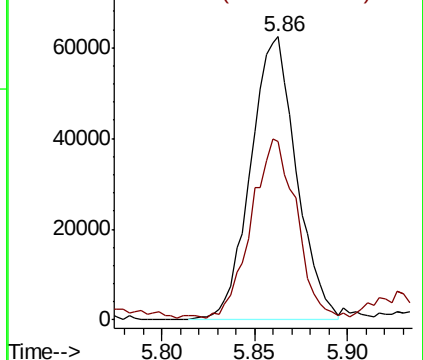
Ion Ratio Lower Upper

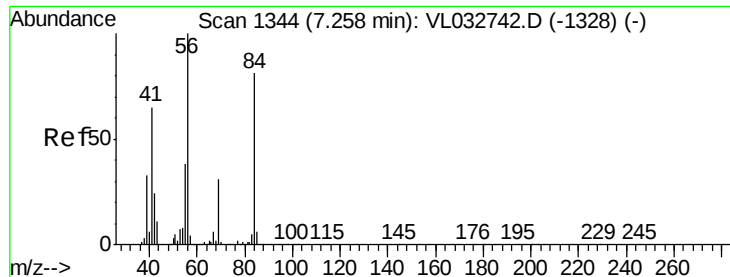
83 100

85 61.6 54.2 81.4



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0





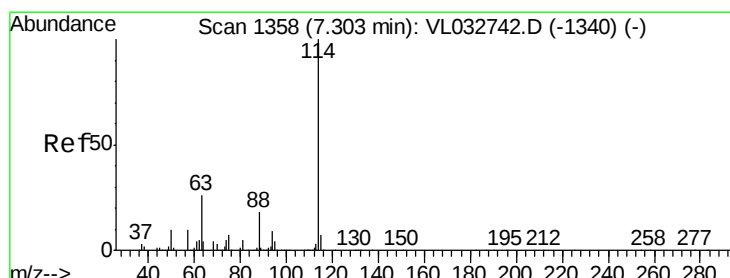
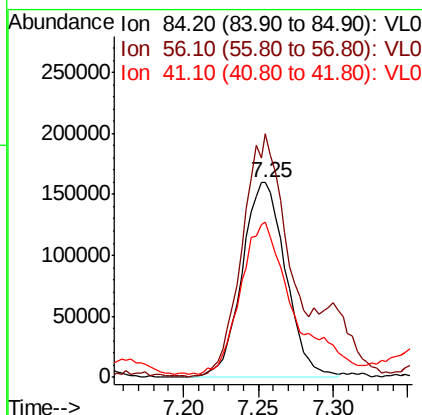
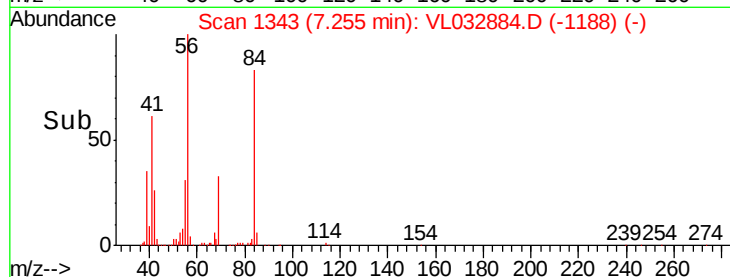
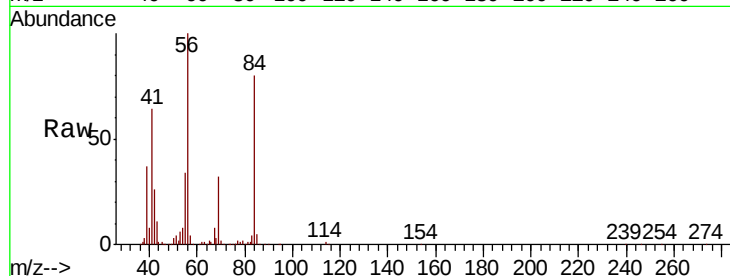
#30
Cyclohexane
Concen: 2.937 ppbv
RT: 7.25 min Scan# 1343
Delta R.T. -0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tot Ion	Ratio	Lower	Upper
84	100		
56	157.6	105.0	157.4#
41	98.0	65.3	97.9#

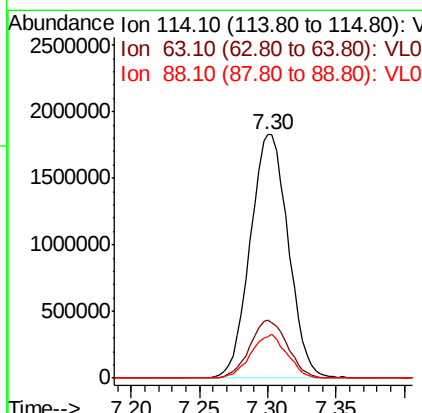
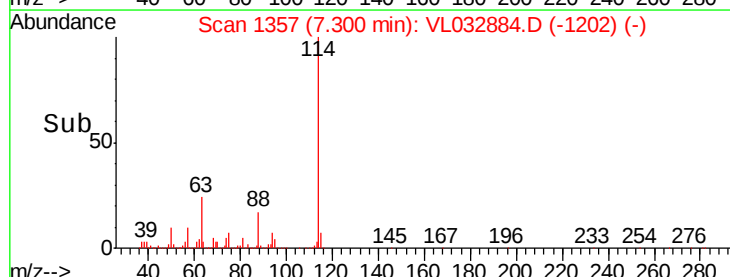
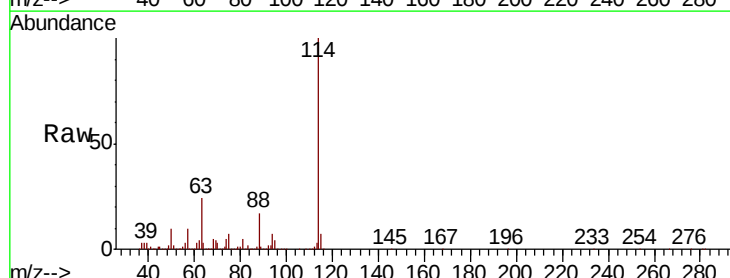
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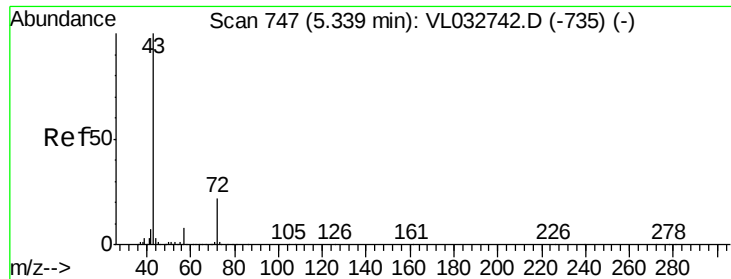
MMDadoda
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.7	20.9	31.3
88	17.2	14.4	21.6





#34

2-Butanone

Concen: 55.789 ppbv

RT: 5.33 min Scan# 745

Delta R.T. -0.01 min

Lab File: VL032884.D

Acq: 4 Dec 2018 20:04

Instrument :

MSVOA_L

ClientSampleId :

MMSV-04

Tot Ion: 43 Resp:10230389

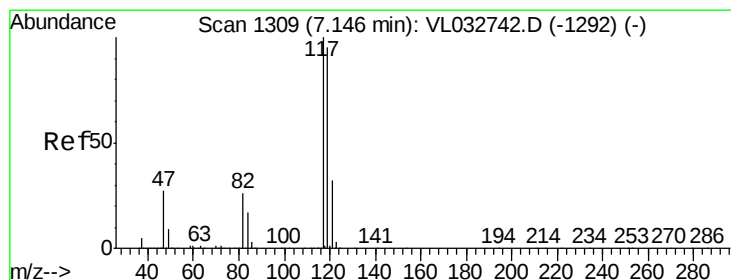
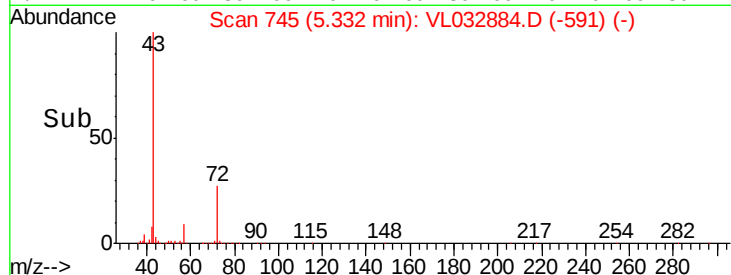
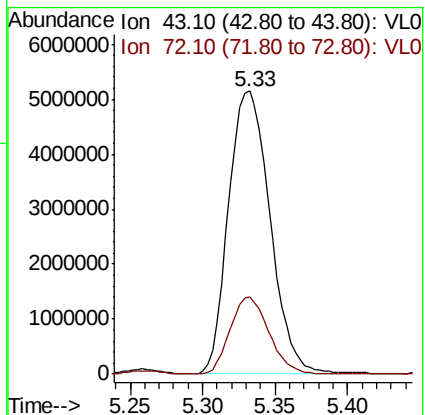
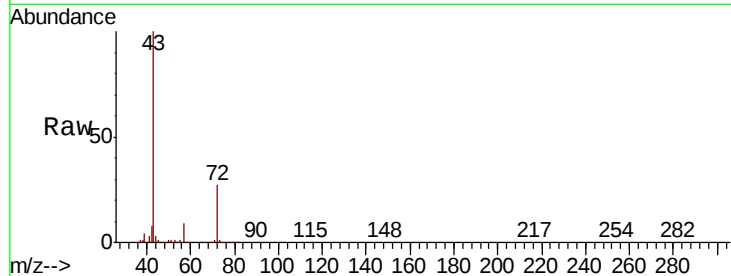
Ion Ratio Lower Upper

43 100

72 25.7 18.4 27.6

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#35

Carbon Tetrachloride

Concen: 0.102 ppbv m

RT: 7.15 min Scan# 1309

Delta R.T. 0.00 min

Lab File: VL032884.D

Acq: 4 Dec 2018 20:04

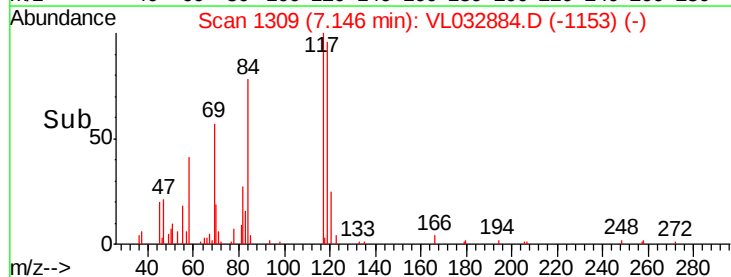
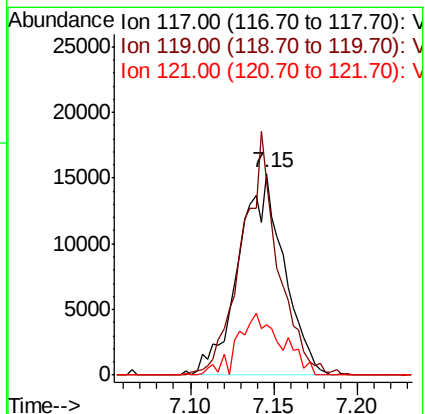
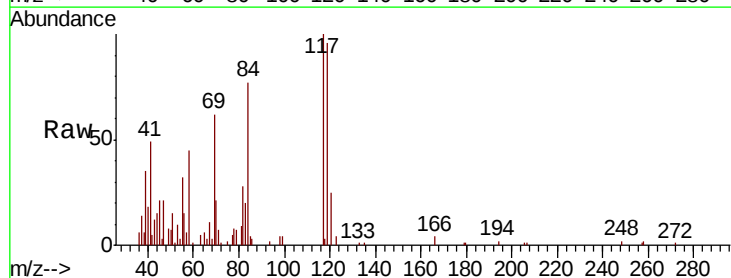
Tgt Ion:117 Resp: 29021

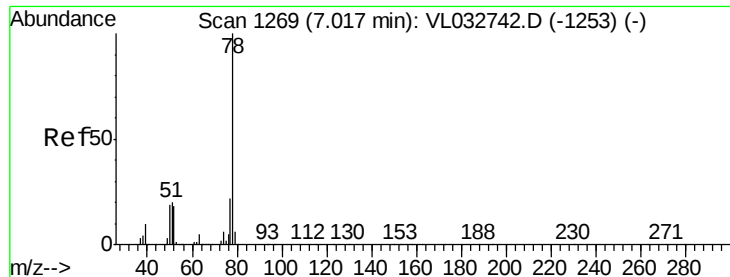
Ion Ratio Lower Upper

117 100

119 95.9 76.1 114.1

121 25.1 25.4 38.0#





#36

Benzene

Concen: 11.615 ppbv

RT: 7.01 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VL032884.D

Acq: 4 Dec 2018 20:04

Instrument :

MSVOA_L

ClientSampleId :

MMSV-04

Tot Ion: 78 Resp: 3270212

Ion Ratio Lower Upper

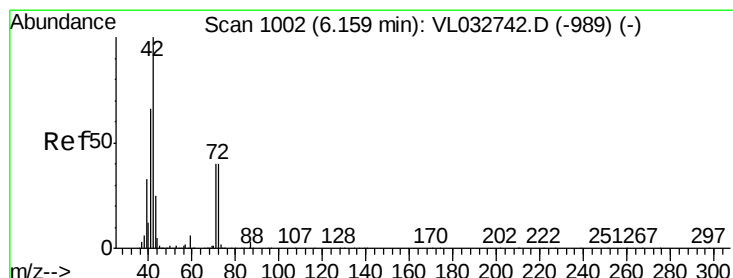
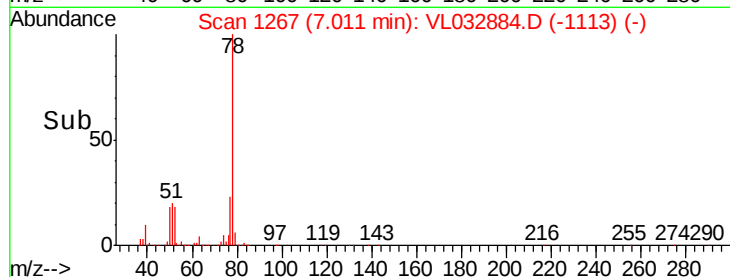
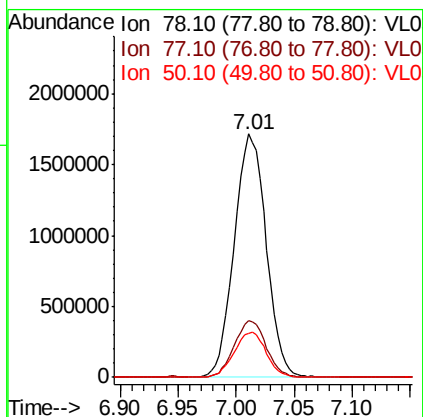
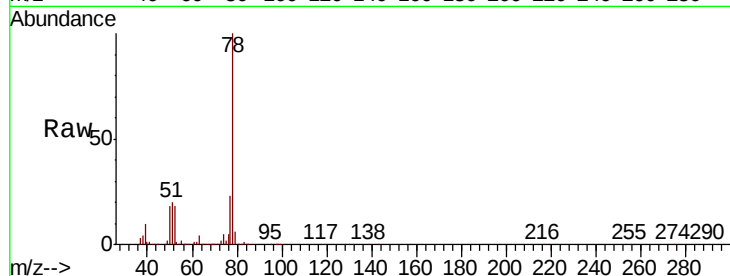
78 100

77 23.4 17.8 26.8

50 18.1 15.4 23.0

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#41

Tetrahydrofuran

Concen: 10.759 ppbv

RT: 6.15 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VL032884.D

Acq: 4 Dec 2018 20:04

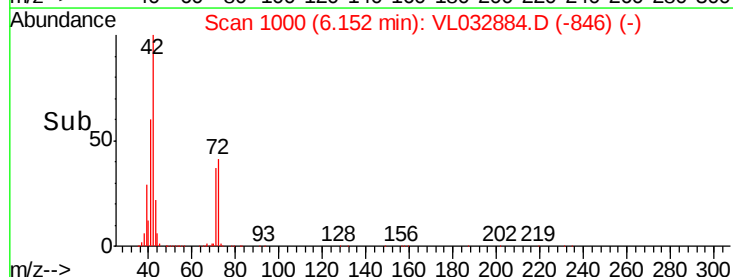
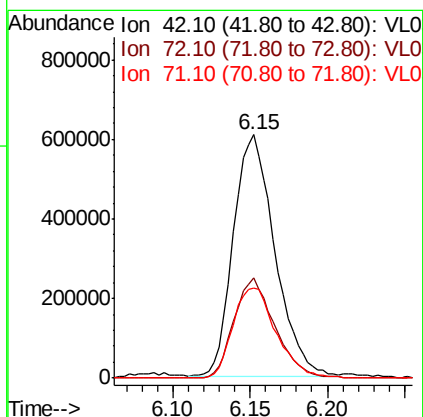
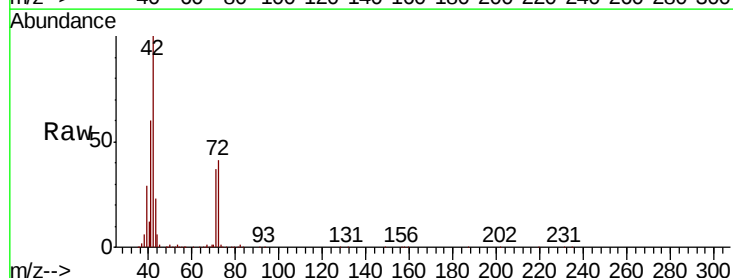
Tgt Ion: 42 Resp: 1131721

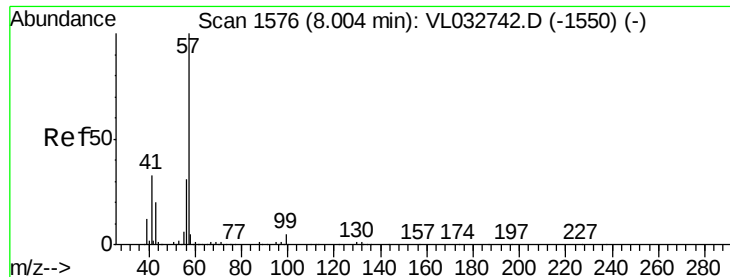
Ion Ratio Lower Upper

42 100

72 40.9 32.4 48.6

71 39.2 31.6 47.4





#44

2,2,4-Trimethylpentane

Concen: 0.891 ppbv

RT: 7.99 min Scan# 1573

Delta R.T. -0.01 min

Lab File: VL032884.D

Acq: 4 Dec 2018 20:04

Instrument :

MSVOA_L

ClientSampleId :

MMSV-04

Tot Ion: 57 Resp: 419330

Ion Ratio Lower Upper

57 100

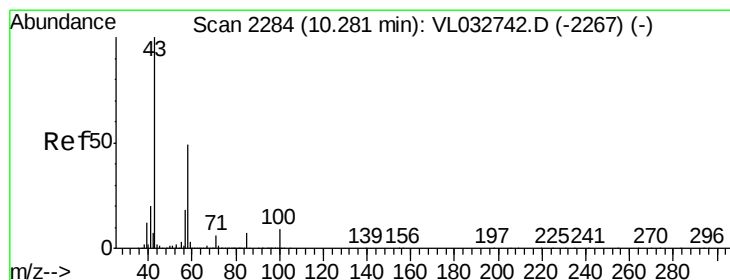
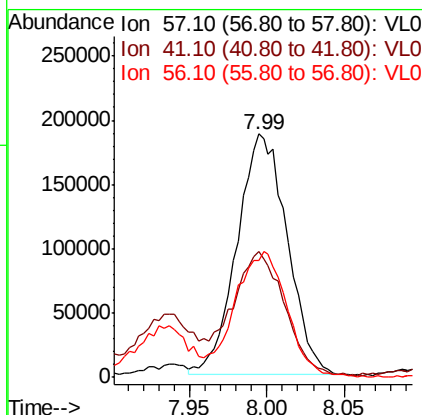
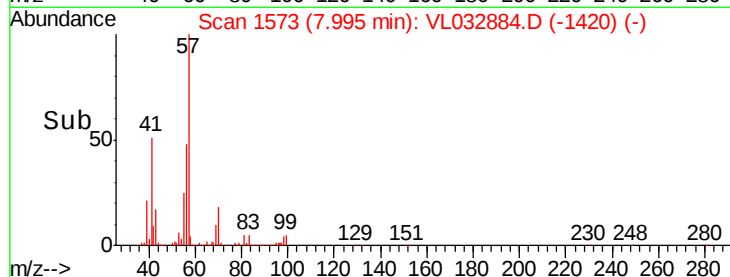
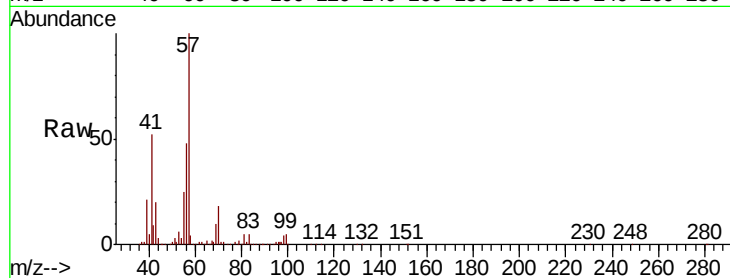
41 54.1 26.6 39.8#

56 54.1 24.8 37.2#

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#51

2-Hexanone

Concen: 6.423 ppbv

RT: 10.27 min Scan# 2281

Delta R.T. -0.01 min

Lab File: VL032884.D

Acq: 4 Dec 2018 20:04

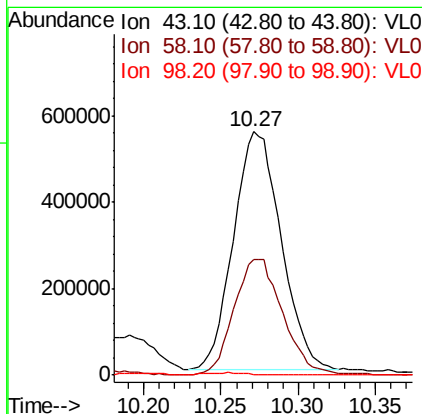
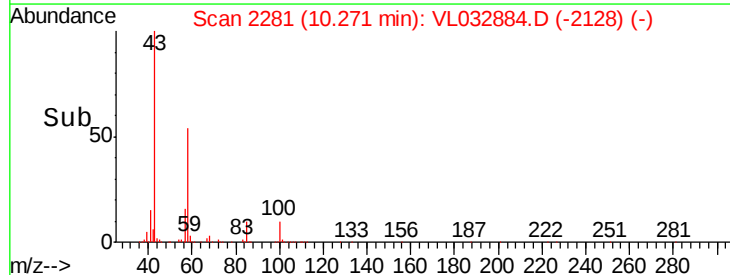
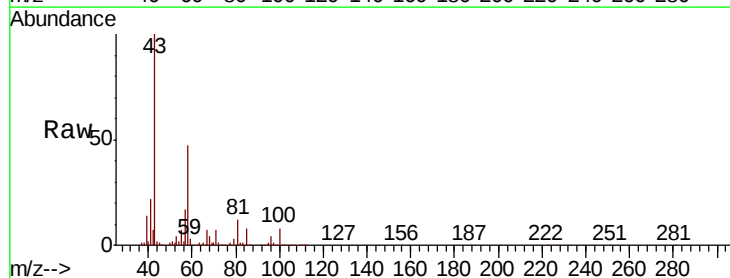
Tgt Ion: 43 Resp: 1185148

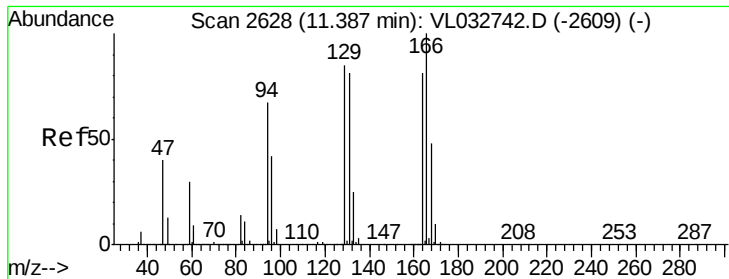
Ion Ratio Lower Upper

43 100

58 50.0 38.9 58.3

98 1.1 0.2 0.4#





#52

Tetrachloroethene

Concen: 0.097 ppbv m

RT: 11.37 min Scan# 2624

Delta R.T. -0.01 min

Lab File: VL032884.D

Acq: 4 Dec 2018 20:04

Instrument :

MSVOA_L

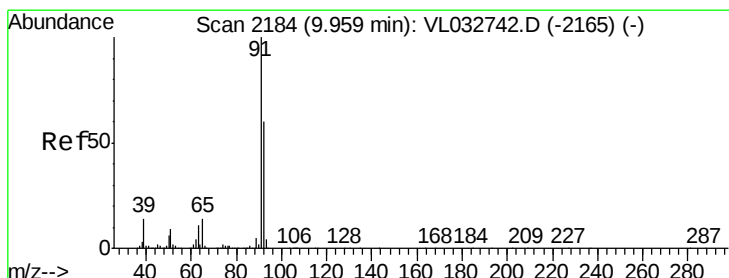
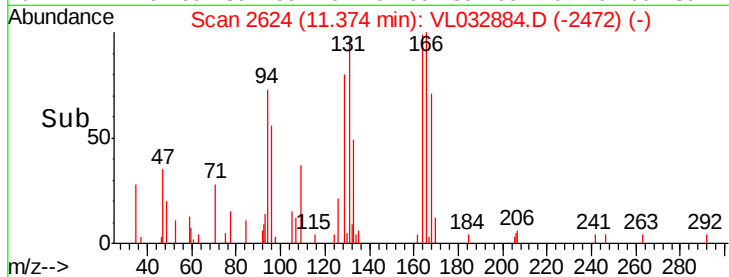
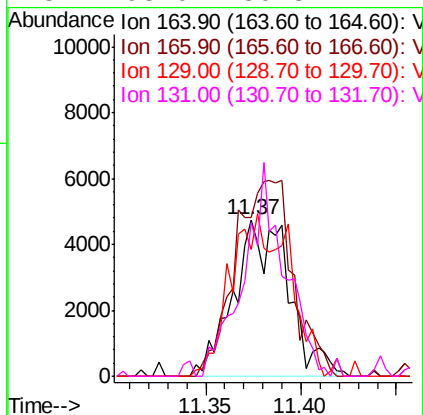
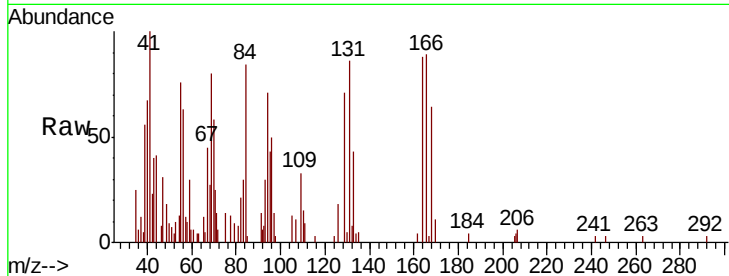
ClientSampleId :

MMSV-04

Tot Ion:	164	Resp:	9511
Ion	Ratio	Lower	Upper
164	100		
166	101.2	99.3	148.9
129	81.1	83.9	125.9#
131	98.0	80.8	121.2

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#53

Toluene

Concen: 4.700 ppbv

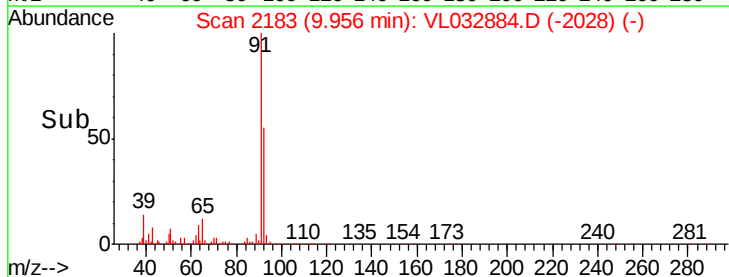
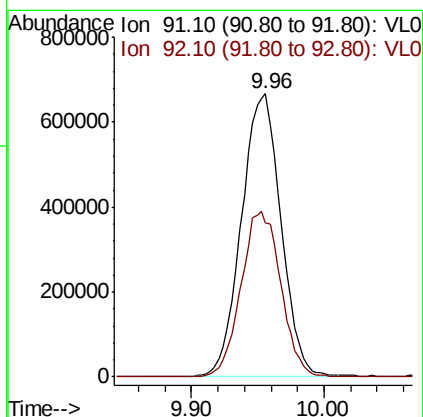
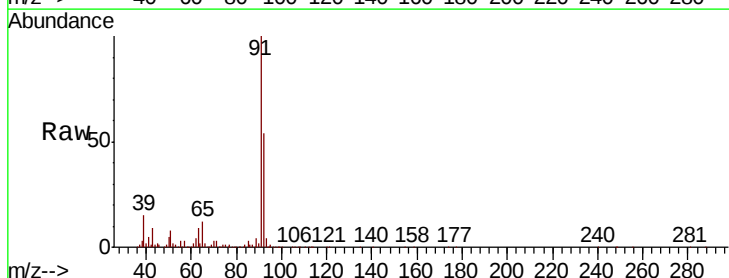
RT: 9.96 min Scan# 2183

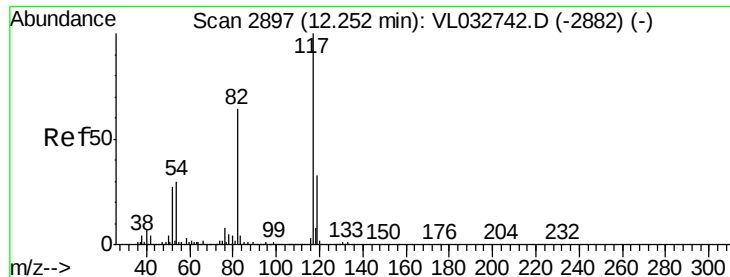
Delta R.T. -0.00 min

Lab File: VL032884.D

Acq: 4 Dec 2018 20:04

Tgt Ion:	91	Resp:	1380576
Ion	Ratio	Lower	Upper
91	100		
92	59.1	47.9	71.9





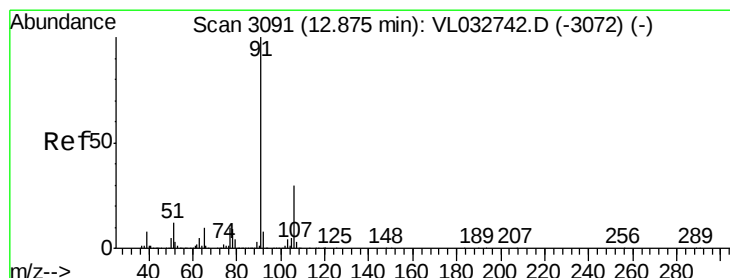
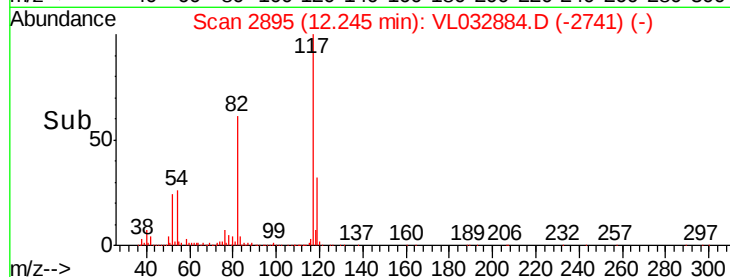
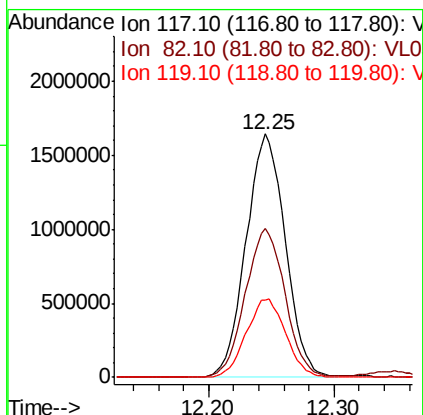
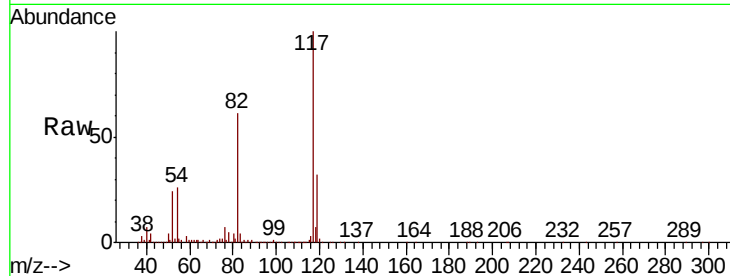
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tot Ion:117 Resp: 3581443
Ion Ratio Lower Upper
117 100
82 61.6 51.0 76.6
119 32.7 28.0 42.0

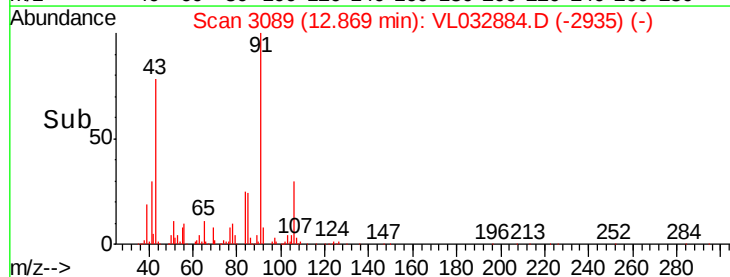
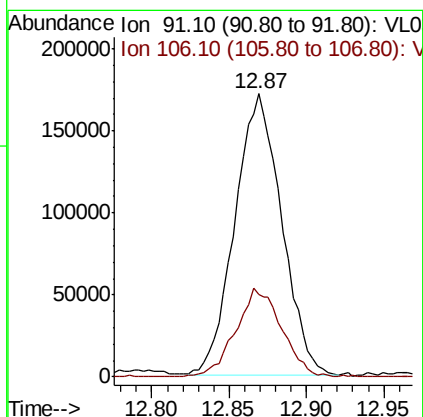
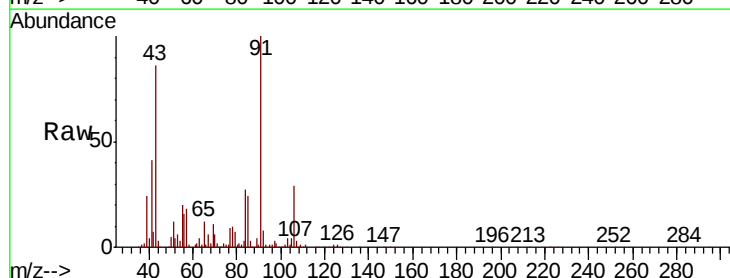
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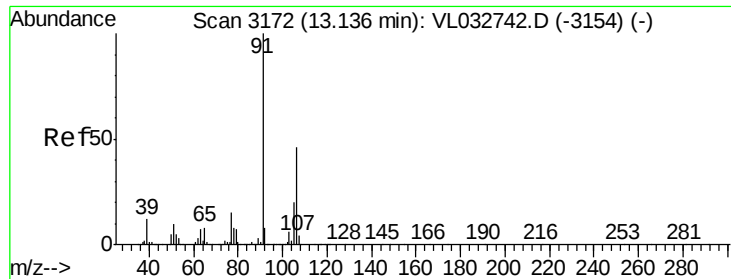
MMDadoda
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#58
Ethyl Benzene
Concen: 0.835 ppbv
RT: 12.87 min Scan# 3089
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 91 Resp: 359854
Ion Ratio Lower Upper
91 100
106 29.1 23.6 35.4





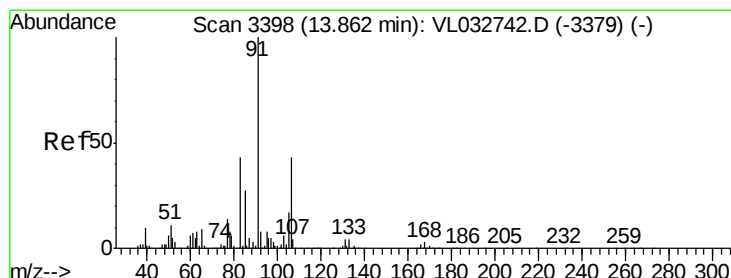
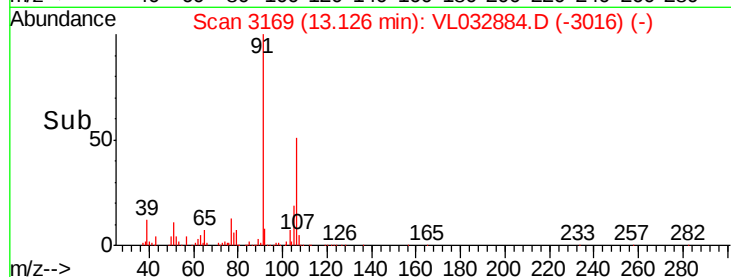
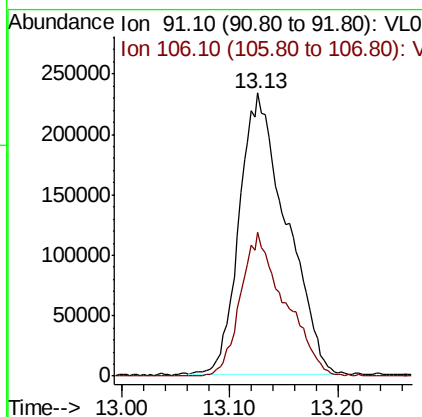
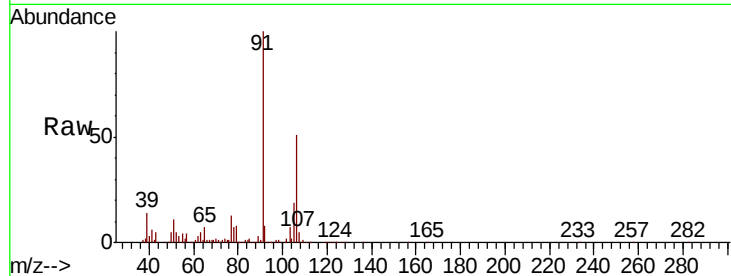
#59
m/p-Xylene
Concen: 1.838 ppbv
RT: 13.13 min Scan# 3169
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tot Ion: 91 Resp: 705215
Ion Ratio Lower Upper
91 100
106 48.2 36.1 54.1

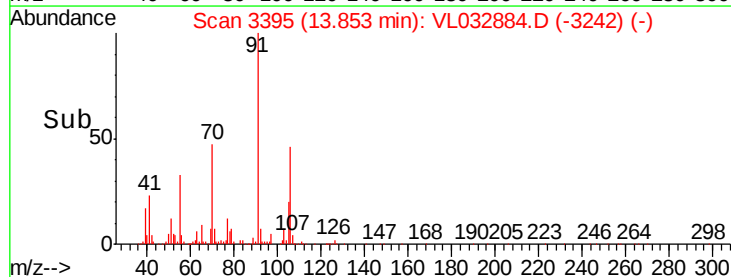
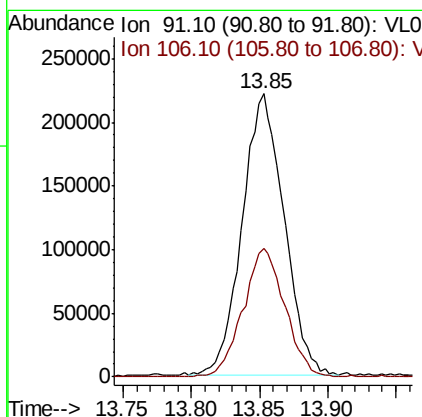
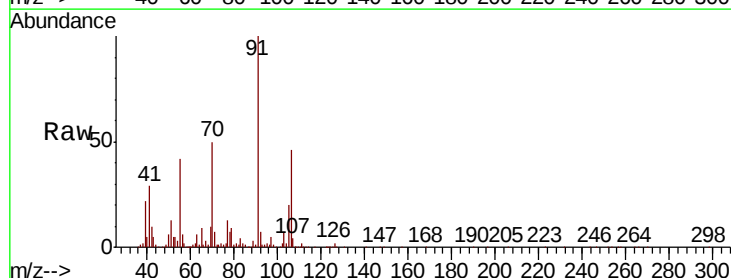
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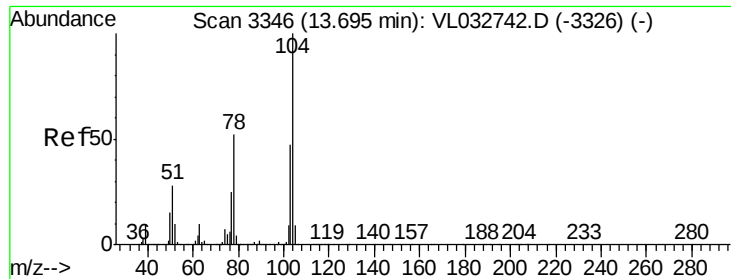
MMDadoda
12/10/2018 1:00:31 PM



#60
o-Xylene
Concen: 1.216 ppbv
RT: 13.85 min Scan# 3395
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 91 Resp: 469305
Ion Ratio Lower Upper
91 100
106 46.0 21.9 65.7





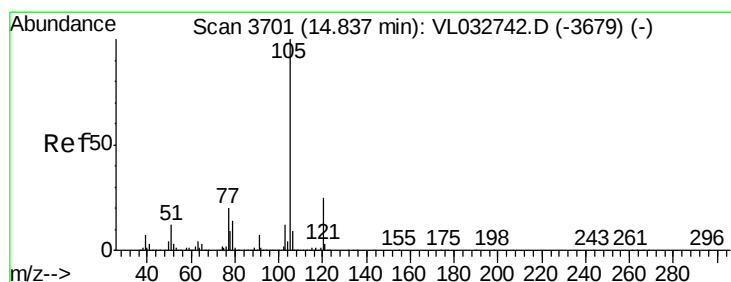
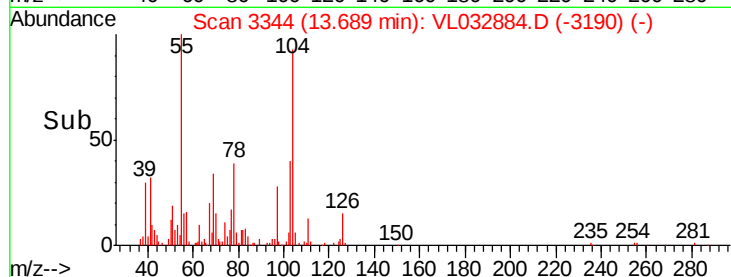
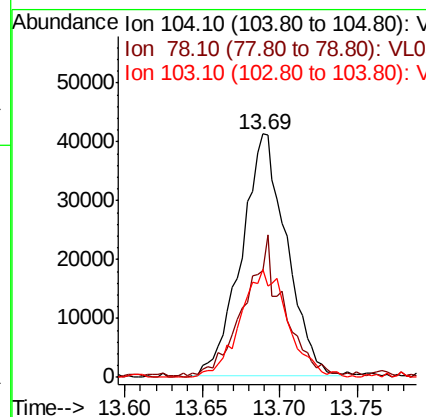
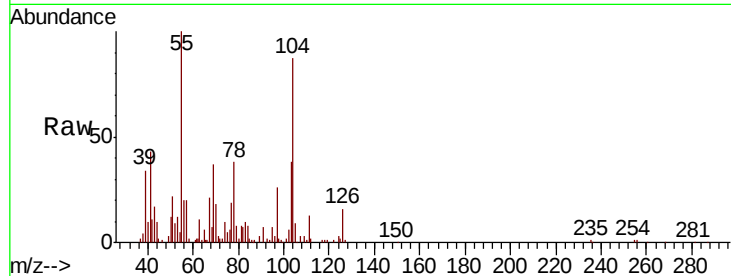
#61
Stvrene
Concen: 0.334 ppbv
RT: 13.69 min Scan# 3344
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampled :
MMSV-04

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.0	42.2	63.4
103	47.6	38.2	57.2

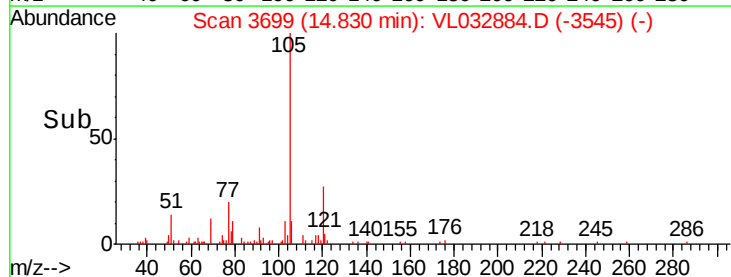
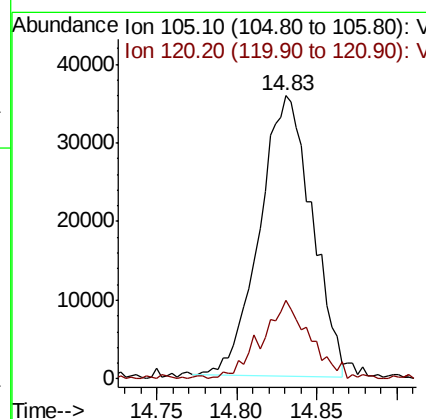
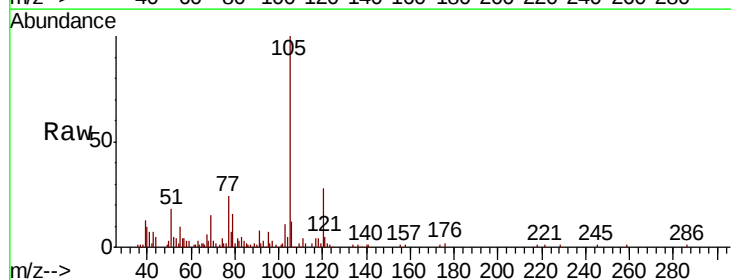
Manual Integrations
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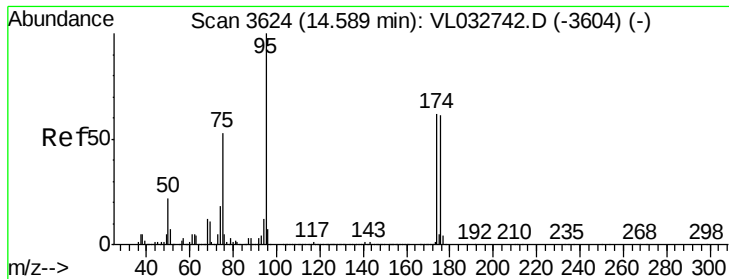
MMDadoda
12/10/2018 1:00:31 PM



#62
Isopropylbenzene
Concen: 0.155 ppbv
RT: 14.83 min Scan# 3699
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.1	30.1





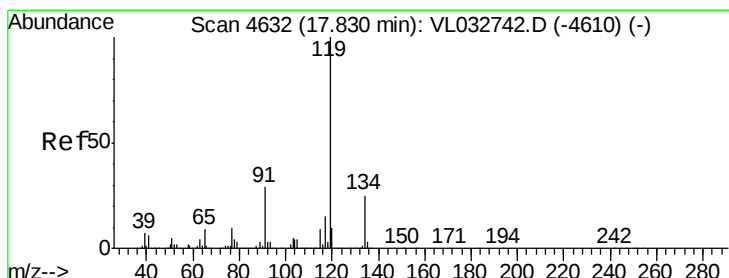
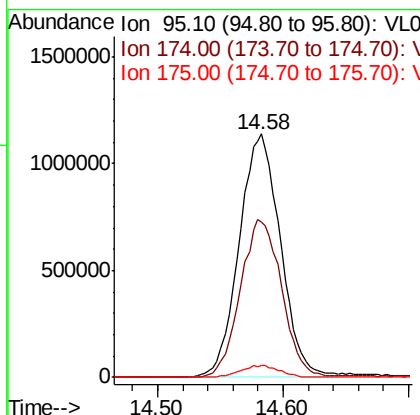
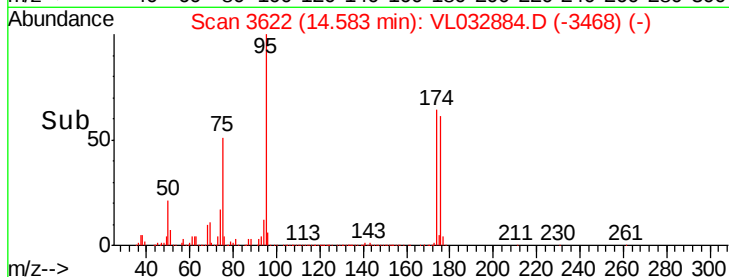
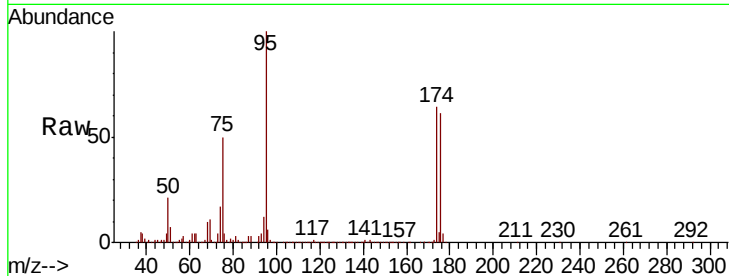
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.694 ppbv
 RT: 14.58 min Scan# 3622
 Delta R.T. -0.01 min
 Lab File: VL032884.D
 Acq: 4 Dec 2018 20:04

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-04

Tot Ion: 95 Resp: 2596872
 Ion Ratio Lower Upper
 95 100
 174 66.1 50.7 76.1
 175 4.7 3.8 5.6

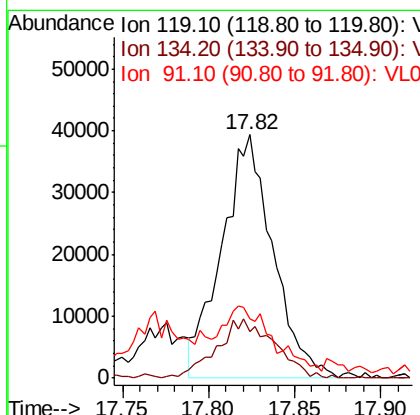
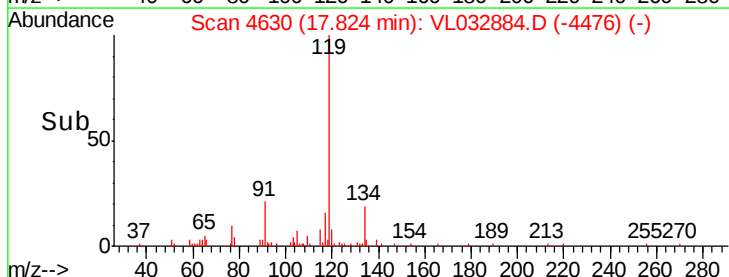
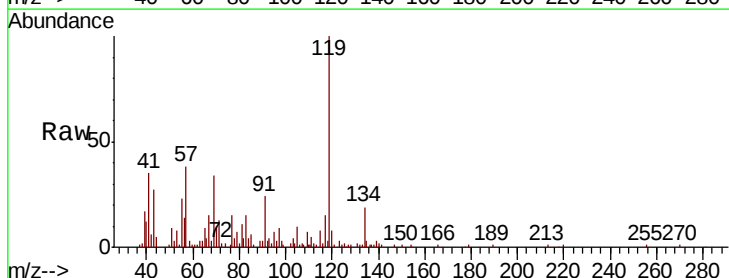
Manual Integrations
 APPROVED

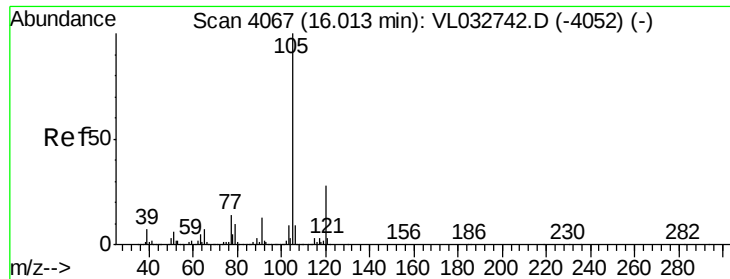
MMDadoda
 12/10/2018 1:00:31 PM



#69
 p-Isopropyltoluene
 Concen: 0.151 ppbv
 RT: 17.82 min Scan# 4630
 Delta R.T. -0.01 min
 Lab File: VL032884.D
 Acq: 4 Dec 2018 20:04

Tgt Ion: 119 Resp: 80834
 Ion Ratio Lower Upper
 119 100
 134 27.9 20.2 30.4
 91 31.3 23.5 35.3





#72

4-Ethyltoluene

Concen: 0.289 ppbv

RT: 16.00 min Scan# 4063

Delta R.T. -0.01 min

Lab File: VL032884.D

Acq: 4 Dec 2018 20:04

Instrument :

MSVOA_L

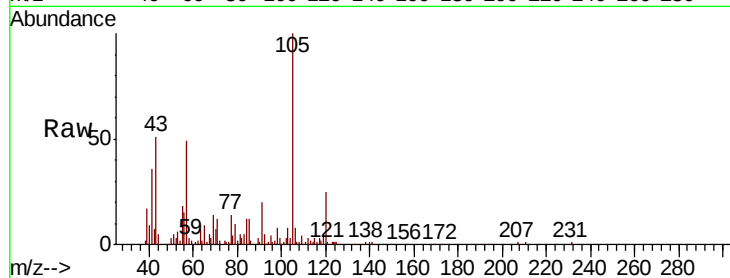
ClientSampleId :

MMSV-04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	122275		
120	120	30.1		22.9	34.3
91	91	15.3		10.6	15.8
77	77	14.4		11.4	17.2

Manual Integrations
APPROVED

MMDadoda
12/10/2018 1:00:31 PM

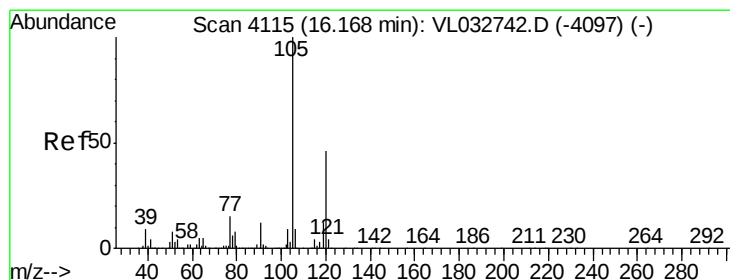
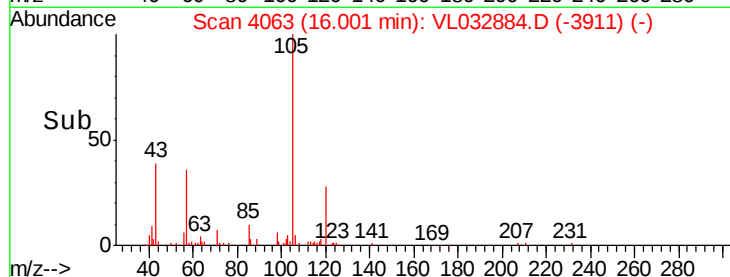
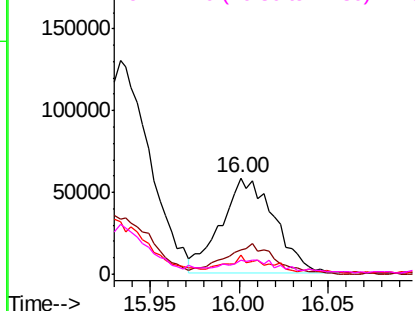


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.532 ppbv

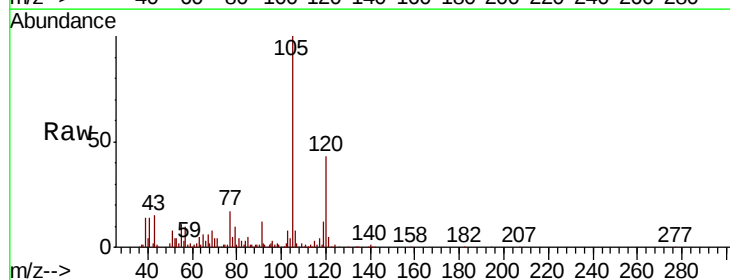
RT: 16.16 min Scan# 4113

Delta R.T. -0.01 min

Lab File: VL032884.D

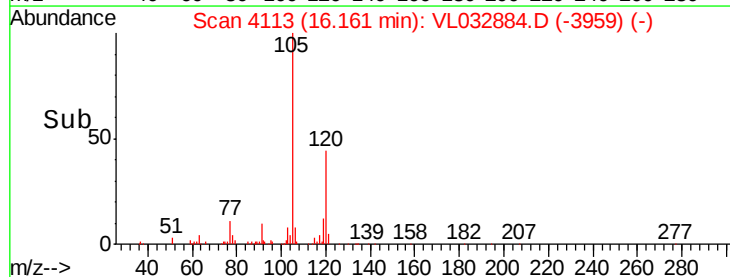
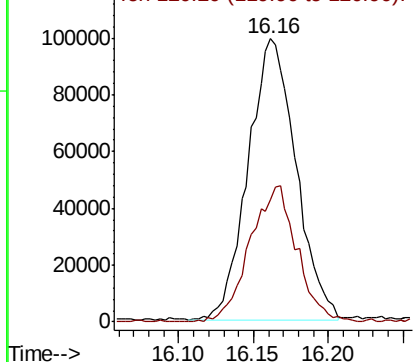
Acq: 4 Dec 2018 20:04

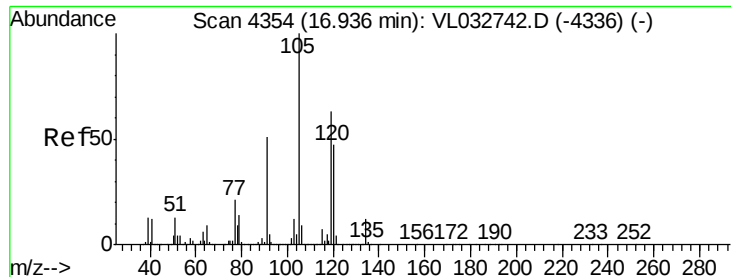
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	219815		
120	120	43.4		36.6	55.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74
 1,2,4-Trimethylbenzene
 Concen: 0.805 ppbv
 RT: 16.93 min Scan# 4352
 Delta R.T. -0.01 min
 Lab File: VL032884.D
 Acq: 4 Dec 2018 20:04

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-04

Tot Ion	Ratio	Resp Lower	Upper
105	100		
120	42.9	37.6	56.4
91	12.1	42.5	63.7#
77	13.1	17.4	26.2#

Manual Integrations
 APPROVED

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 12/10/2018 1:00:31 PM

