

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120418\
 Data File : VL032879.D
 Acq On : 4 Dec 2018 16:45
 Operator : SY/AP
 Sample : J6175-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-02

Manual Integrations
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 12/10/2018 12:59:57 PM

Quant Time: Dec 05 15:01:41 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 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	5.78	49	1407966	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3565400	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3701526	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2760903	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	96153	0.475	ppbv	96
3) Chlorodifluoromethane	3.02	51	43073	0.386	ppbv #	90
9) Propene	3.04	41	1517549	33.972	ppbv	95
10) Heptane	8.25	43	110762	0.649	ppbv	93
11) Trichlorofluoromethane	4.01	101	46076	0.242	ppbv	99
13) Ethanol	3.66	45	202806	13.861	ppbv	99
15) Acetone	3.90	43	2830526m	22.014	ppbv	
20) Methylene Chloride	4.42	84	74186	1.114	ppbv	85
26) Hexane	5.79	57	192907	1.446	ppbv #	3
27) Carbon Disulfide	4.63	76	1212778	7.170	ppbv	98
30) Cyclohexane	7.26	84	236417	2.026	ppbv #	76
34) 2-Butanone	5.33	43	11238736	60.775	ppbv	94
35) Carbon Tetrachloride	7.15	117	14345m	0.050	ppbv	
36) Benzene	7.02	78	13135645	46.266	ppbv #	90
44) 2,2,4-Trimethylpentane	8.00	57	160646	0.339	ppbv #	41
51) 2-Hexanone	10.28	43	1292769	6.947	ppbv #	96
52) Tetrachloroethene	11.39	164	11839m	0.120	ppbv	
53) Toluene	9.96	91	11931326	40.282	ppbv	96
58) Ethyl Benzene	12.87	91	2178279	4.890	ppbv	100
59) m/p-Xylene	13.13	91	6134905	15.470	ppbv	95
60) o-Xylene	13.86	91	5457337	13.686	ppbv	97
61) Styrene	13.70	104	659263	2.540	ppbv	98
62) Isopropylbenzene	14.84	105	240424m	0.446	ppbv	
64) n-propylbenzene	15.73	120	84819	0.598	ppbv	98
65) tert-Butylbenzene	16.94	119	392062	0.811	ppbv #	61
70) n-Butylbenzene	18.73	91	156879	0.279	ppbv #	28
72) 4-Ethyltoluene	16.01	105	616946	1.412	ppbv	98
73) 1,3,5-Trimethylbenzene	16.17	105	1509277	3.532	ppbv	99
74) 1,2,4-Trimethylbenzene	16.94	105	3312153	7.243	ppbv #	69
79) Naphthalene	22.42	128	964947	3.212	ppbv	97

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

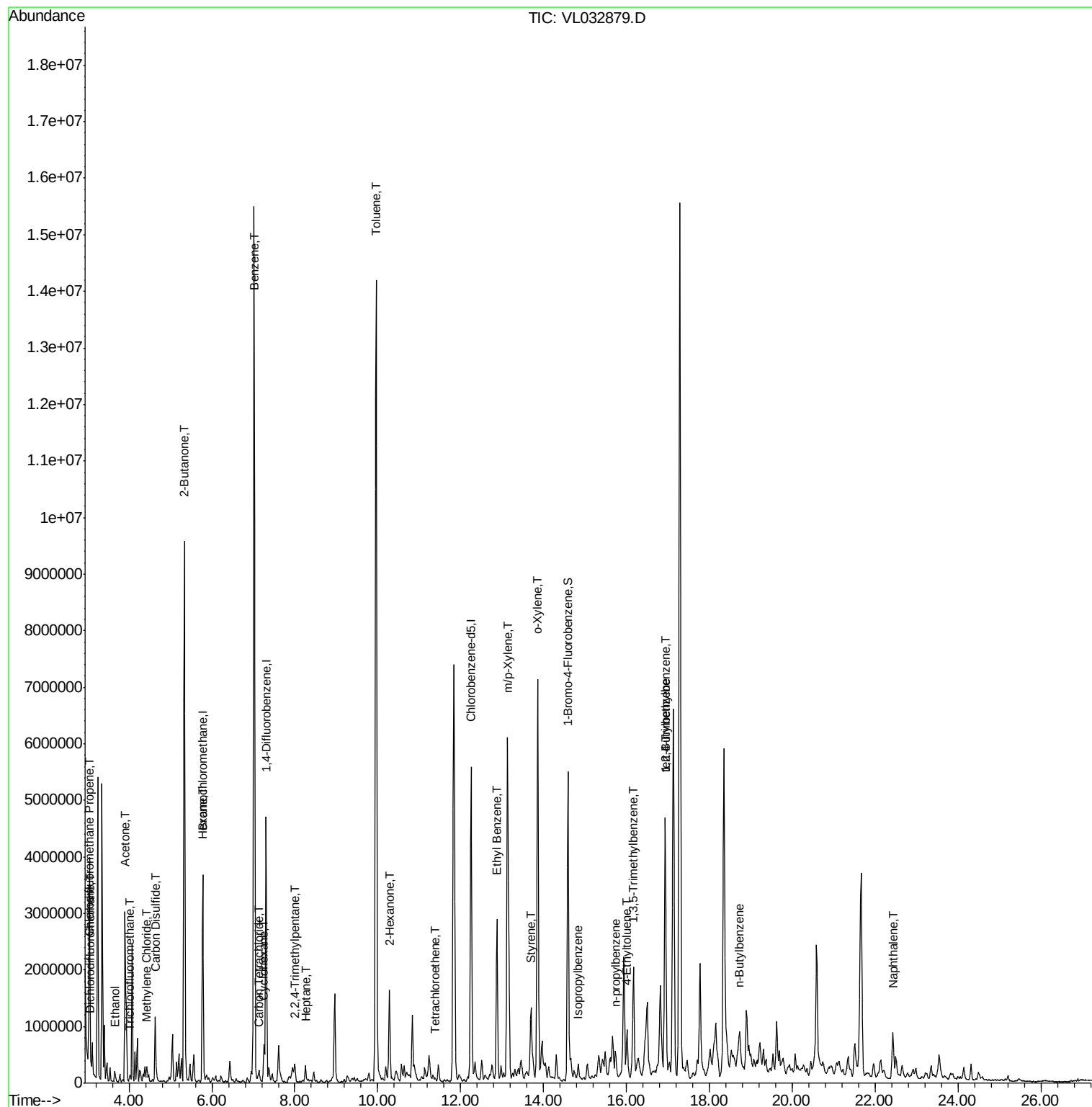
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120418\
Data File : VL032879.D
Acq On : 4 Dec 2018 16:45
Operator : SY/AP
Sample : J6175-02
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

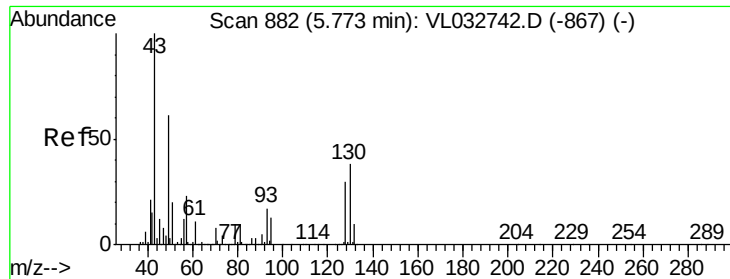
Instrument :
MSVOA_L
ClientSampleId :
MMSV-02

Manual Integrations
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Quant Time: Dec 05 15:01:41 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

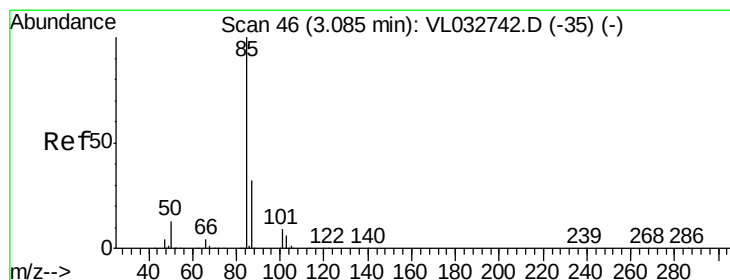
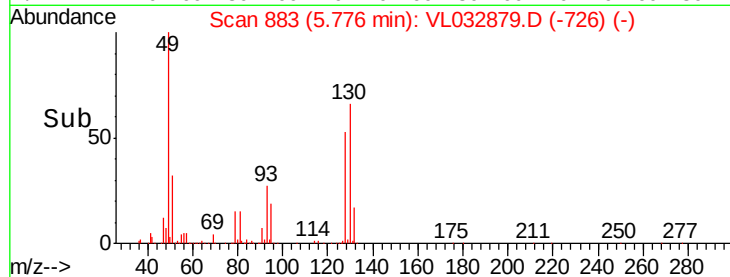
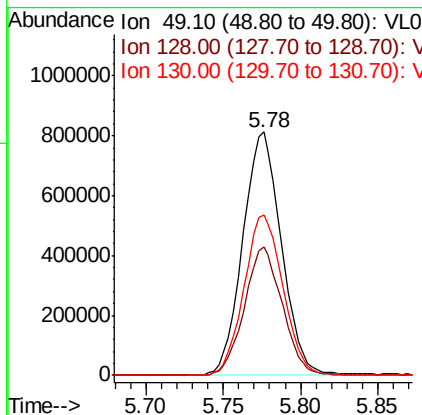
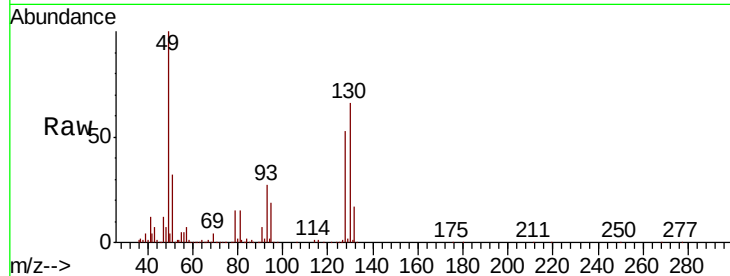
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.78 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: VL032879.D
 Acq: 4 Dec 2018 16:45

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-02

Tot Ion: 49 Resp: 1407966
 Ion Ratio Lower Upper
 49 100
 128 52.3 24.9 74.6
 130 67.2 31.4 94.2

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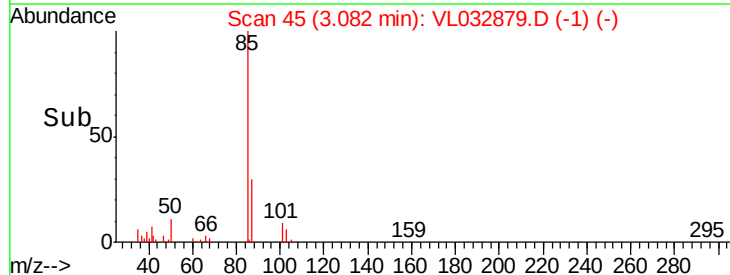
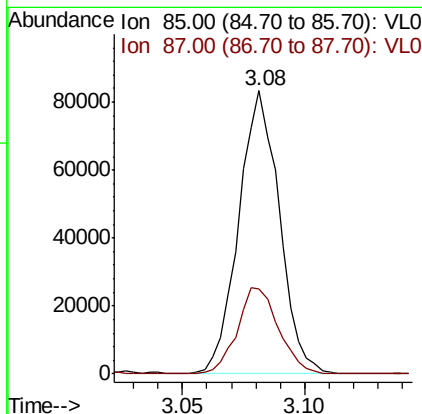
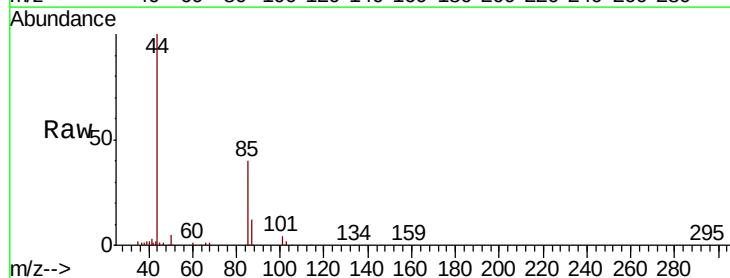
MMDadoda
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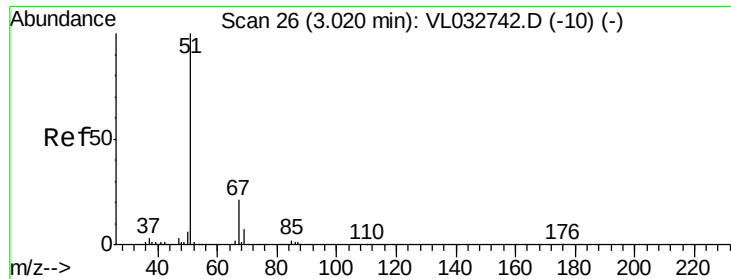


#2

Dichlorodifluoromethane
 Concen: 0.475 ppbv
 RT: 3.08 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: VL032879.D
 Acq: 4 Dec 2018 16:45

Tgt Ion: 85 Resp: 96153
 Ion Ratio Lower Upper
 85 100
 87 30.2 26.0 39.0





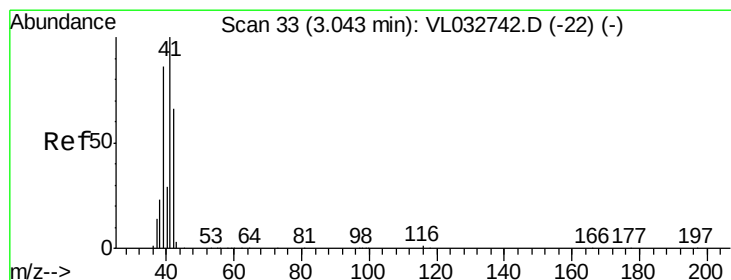
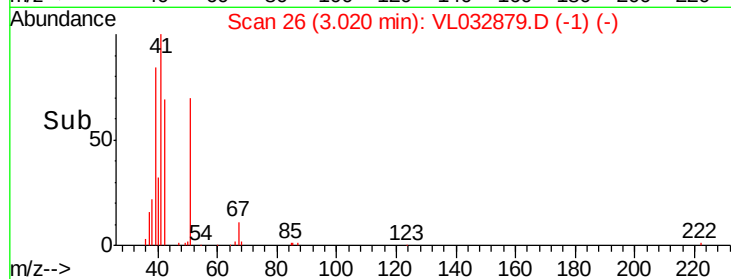
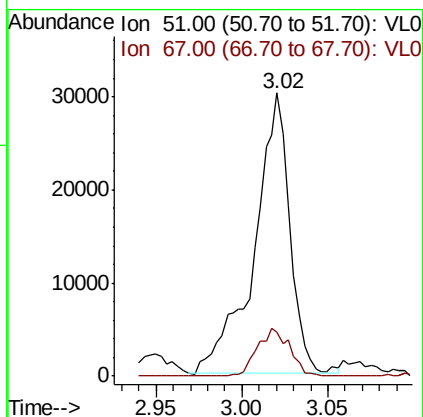
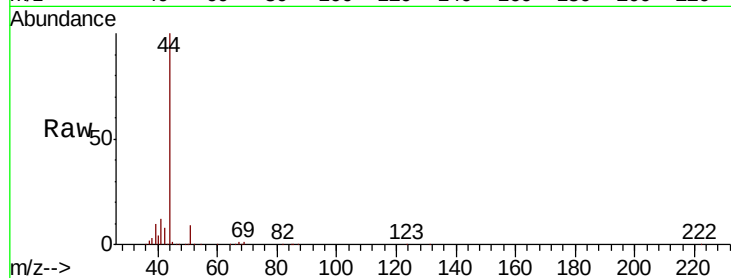
#3
 Chlorodifluoromethane
 Concen: 0.386 ppbv
 RT: 3.02 min Scan# 26
 Delta R.T. 0.00 min
 Lab File: VL032879.D
 Acq: 4 Dec 2018 16:45

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-02

Tot Ion: 51 Resp: 43073
 Ion Ratio Lower Upper
 51 100
 67 15.5 16.1 24.1#

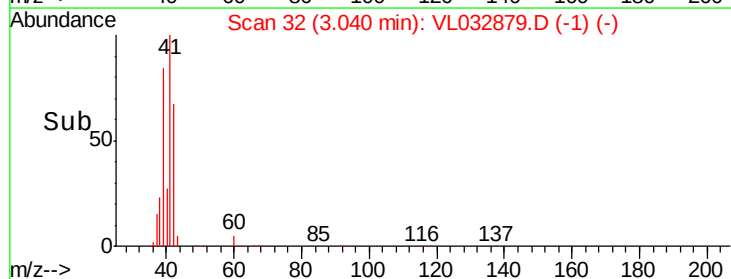
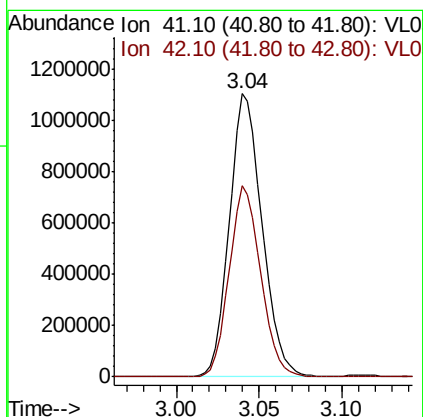
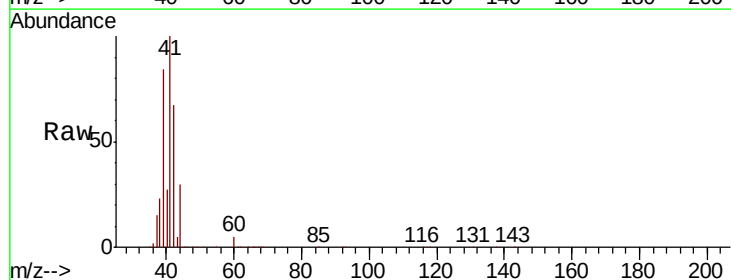
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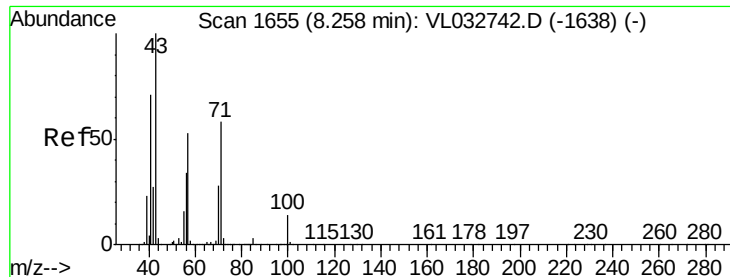
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#9
 Propene
 Concen: 33.972 ppbv
 RT: 3.04 min Scan# 32
 Delta R.T. -0.00 min
 Lab File: VL032879.D
 Acq: 4 Dec 2018 16:45

Tgt Ion: 41 Resp: 1517549
 Ion Ratio Lower Upper
 41 100
 42 64.8 55.0 82.6





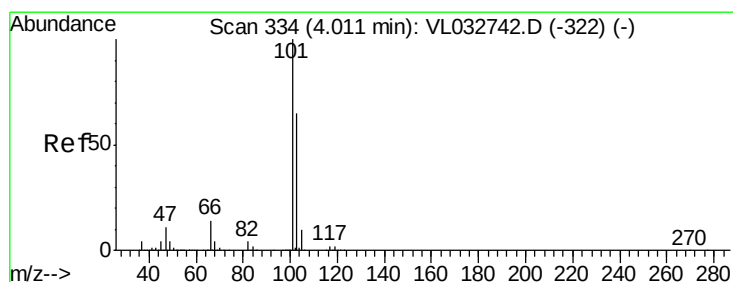
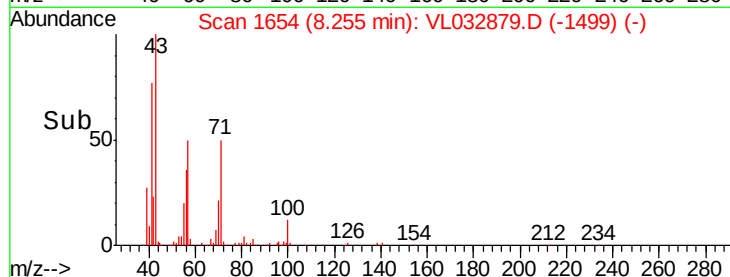
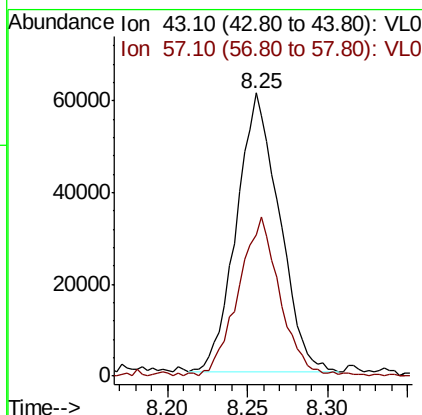
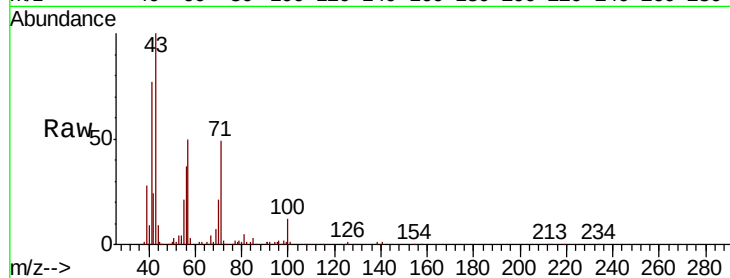
#10
Heptane
Concen: 0.649 ppbv
RT: 8.25 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VL032879.D
Acq: 4 Dec 2018 16:45

Instrument :
MSVOA_L
ClientSampleId :
MMSV-02

Tot Ion: 43 Resp: 110762
Ion Ratio Lower Upper
43 100
57 57.3 41.8 62.8

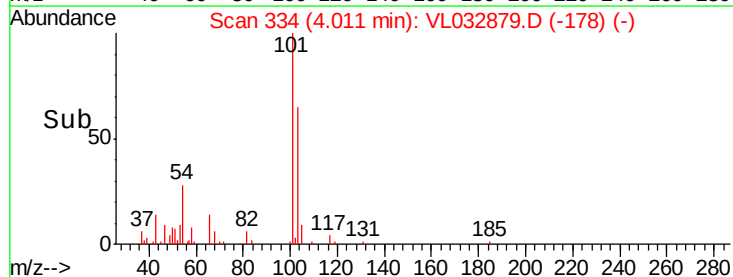
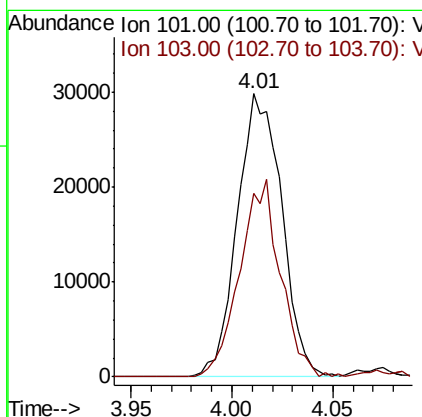
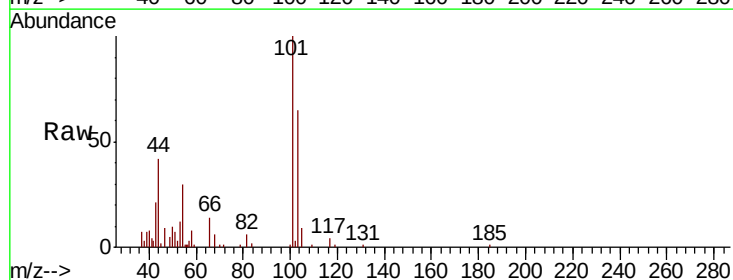
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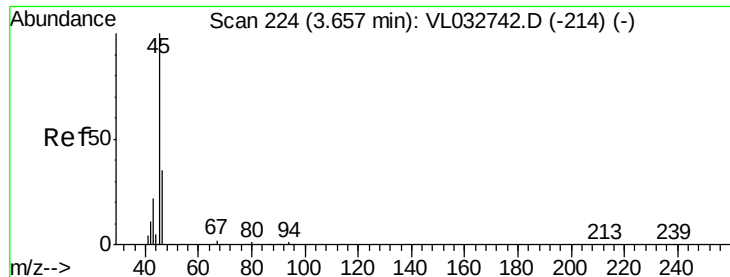
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#11
Trichlorofluoromethane
Concen: 0.242 ppbv
RT: 4.01 min Scan# 334
Delta R.T. 0.00 min
Lab File: VL032879.D
Acq: 4 Dec 2018 16:45

Tgt Ion: 101 Resp: 46076
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4





#13

Ethanol

Concen: 13.861 ppbv

RT: 3.66 min Scan# 225

Delta R.T. 0.00 min

Lab File: VL032879.D

Acq: 4 Dec 2018 16:45

Instrument :

MSVOA_L

ClientSampleId :

MMSV-02

Tot Ion: 45 Resp: 202806

Ion Ratio Lower Upper

45 100

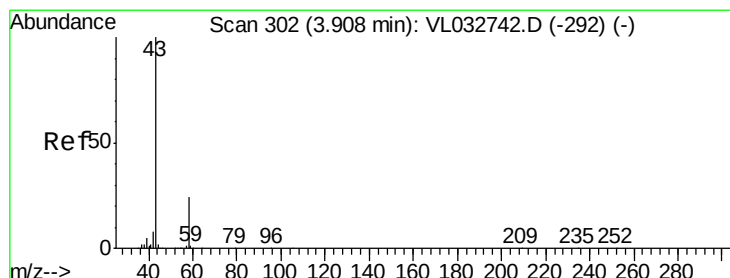
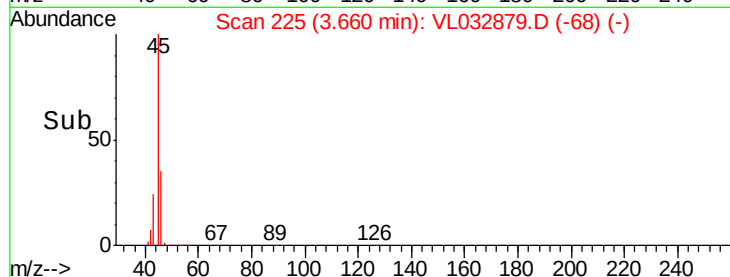
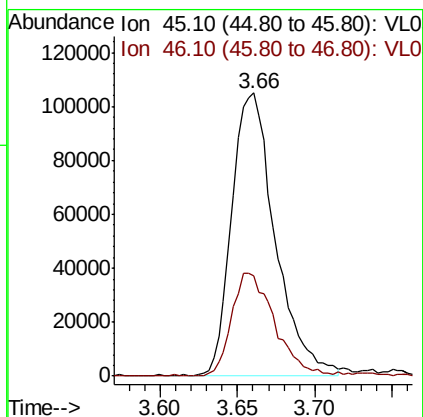
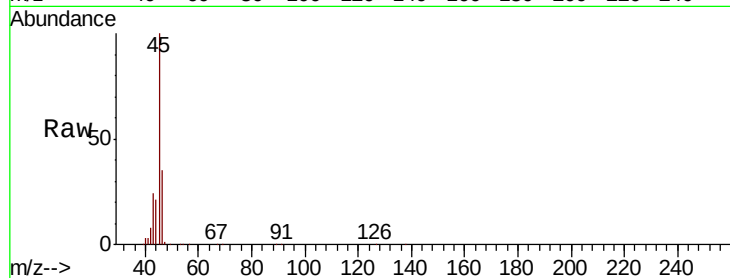
46 36.5 14.5 57.9

Manual Integrations

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#15

Acetone

Concen: 22.014 ppbv m

RT: 3.90 min Scan# 301

Delta R.T. -0.00 min

Lab File: VL032879.D

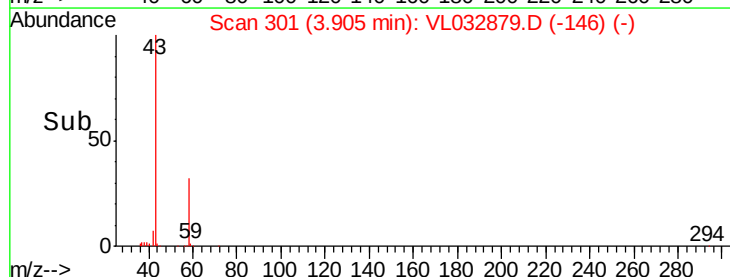
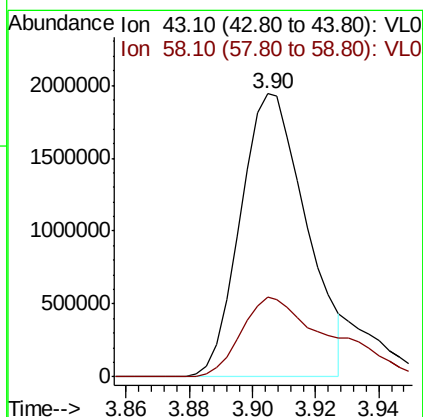
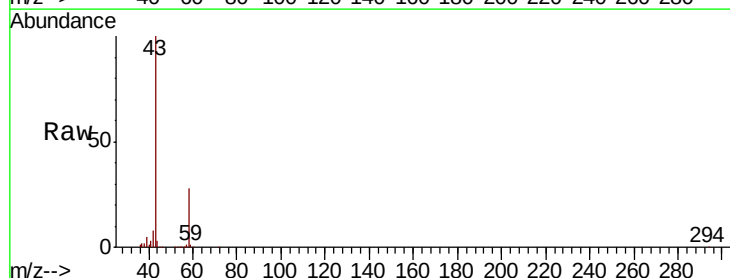
Acq: 4 Dec 2018 16:45

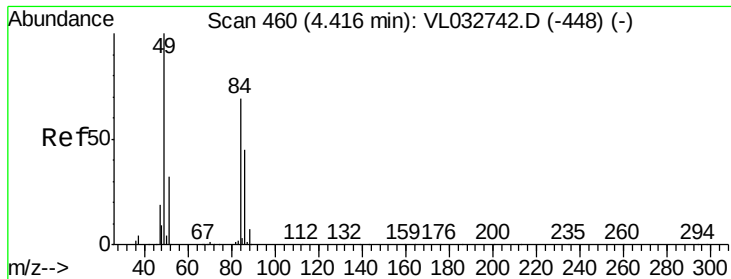
Tgt Ion: 43 Resp: 2830526

Ion Ratio Lower Upper

43 100

58 38.9 21.1 31.7#





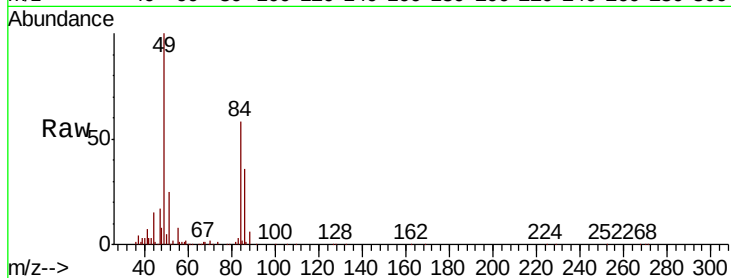
#20
Methvlene Chloride
Concen: 1.114 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032879.D
Acq: 4 Dec 2018 16:45

Instrument :
MSVOA_L
ClientSampled :
MMSV-02

Tot Ion	Ratio	Lower	Upper
84	100		
49	171.2	115.8	173.6
51	37.4	36.9	55.3
86	62.3	52.4	78.6

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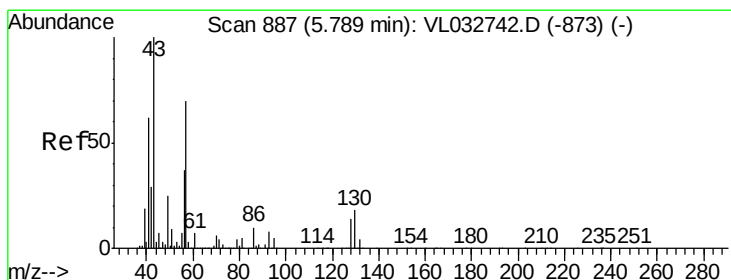
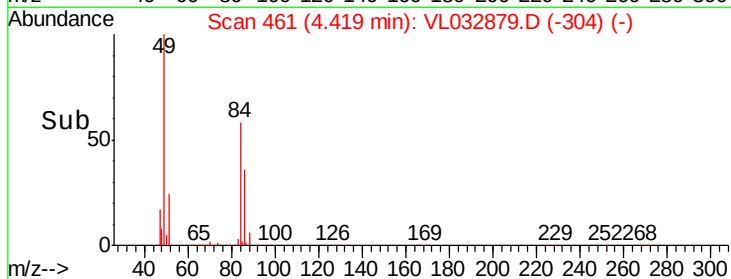
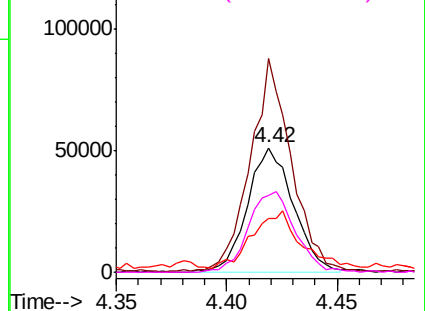
Abundance

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



#26
Hexane
Concen: 1.446 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.00 min
Lab File: VL032879.D
Acq: 4 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
57	100		
41	131.6	70.3	105.5#
43	0.0	174.0	261.0#
56	67.8	42.3	63.5#

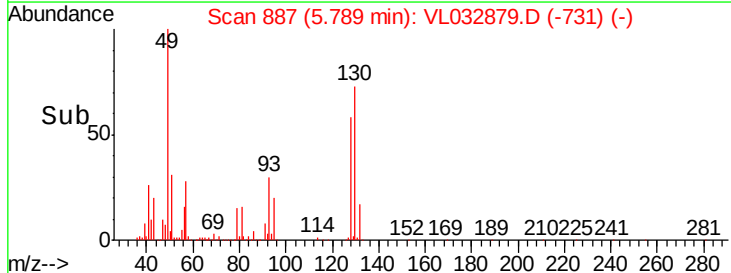
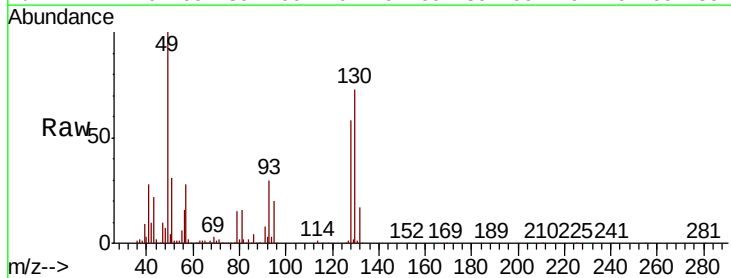
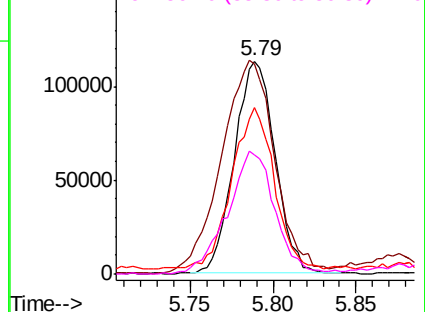
Abundance

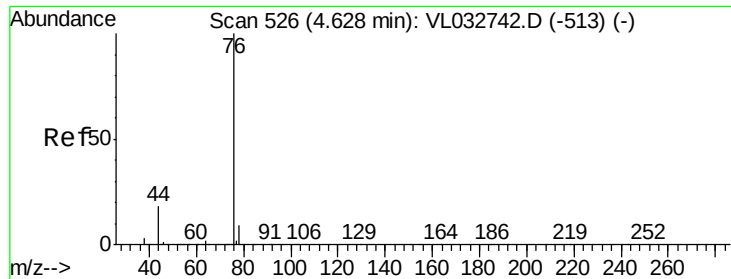
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 7.170 ppbv

RT: 4.63 min Scan# 526

Delta R.T. 0.00 min

Lab File: VL032879.D

Acq: 4 Dec 2018 16:45

Instrument :

MSVOA_L

ClientSampleId :

MMSV-02

Tot Ion: 76 Resp: 1212778

Ion Ratio Lower Upper

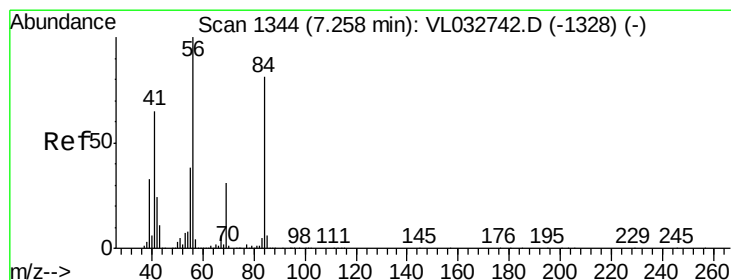
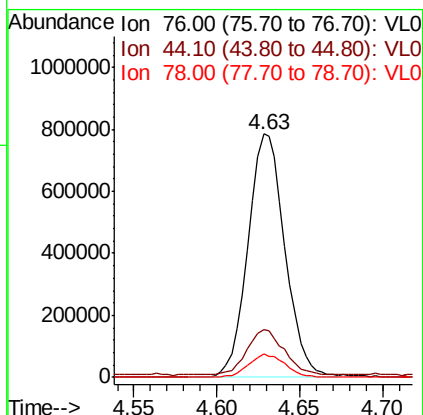
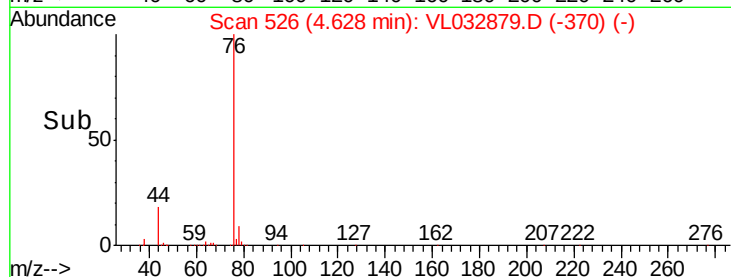
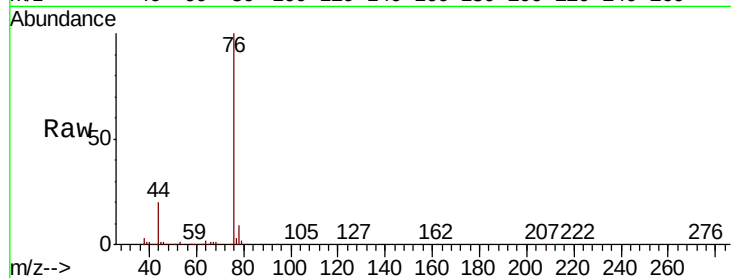
76 100

44 19.5 14.4 21.6

78 9.6 7.7 11.5

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#30

Cyclohexane

Concen: 2.026 ppbv

RT: 7.26 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VL032879.D

Acq: 4 Dec 2018 16:45

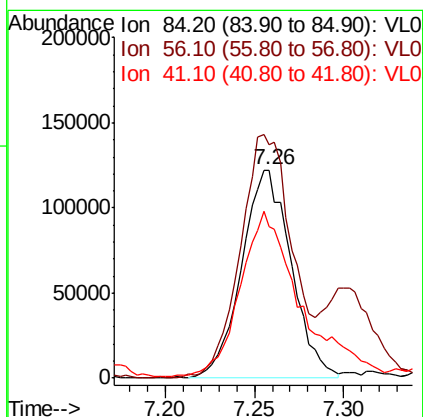
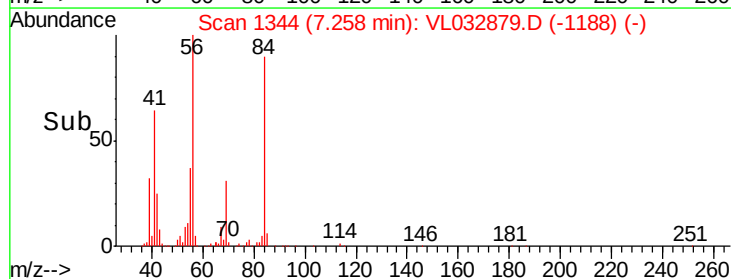
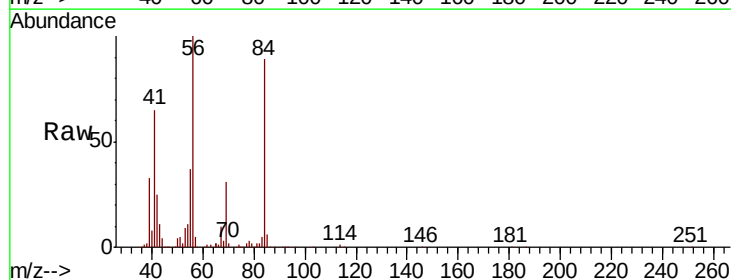
Tgt Ion: 84 Resp: 236417

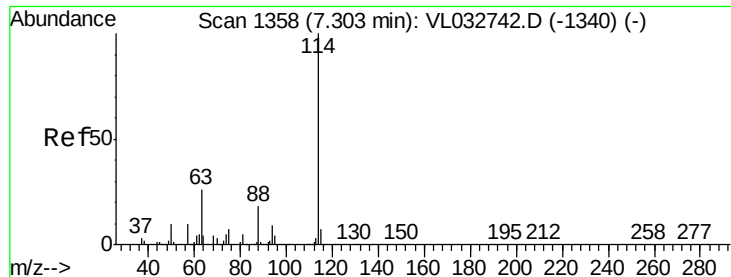
Ion Ratio Lower Upper

84 100

56 164.5 105.0 157.4#

41 97.4 65.3 97.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.31 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VL032879.D

Acq: 4 Dec 2018 16:45

Instrument :

MSVOA_L

ClientSampleId :

MMSV-02

Tot Ion:114 Resp: 3565400

Ion Ratio Lower Upper

114 100

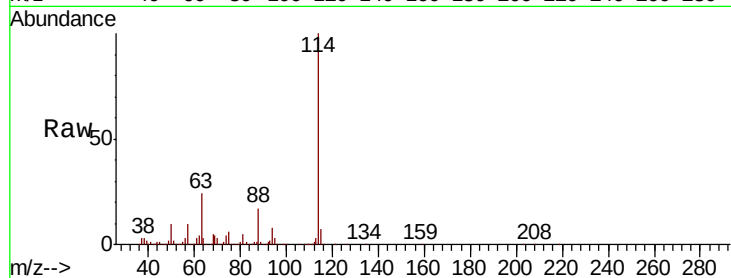
63 23.9 20.9 31.3

88 17.1 14.4 21.6

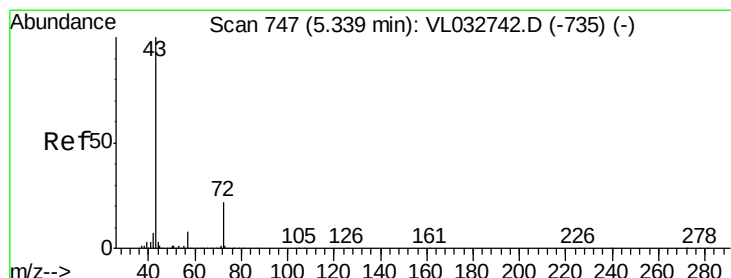
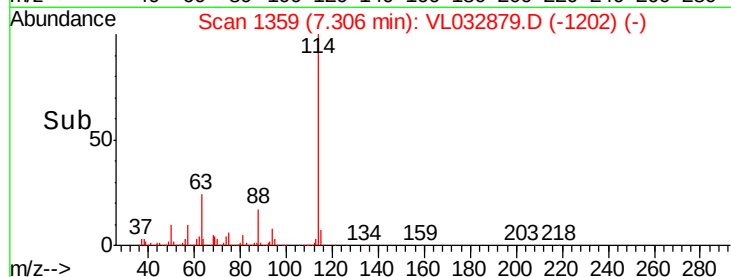
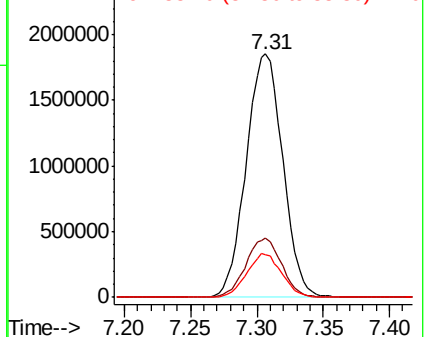
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Abundance Ion 114.10 (113.80 to 114.80): VL0
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 60.775 ppbv

RT: 5.33 min Scan# 745

Delta R.T. -0.01 min

Lab File: VL032879.D

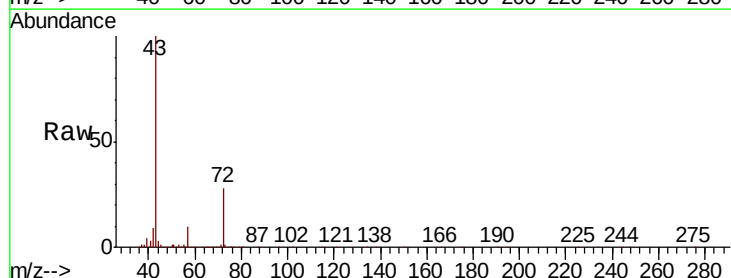
Acq: 4 Dec 2018 16:45

Tgt Ion: 43 Resp:11238736

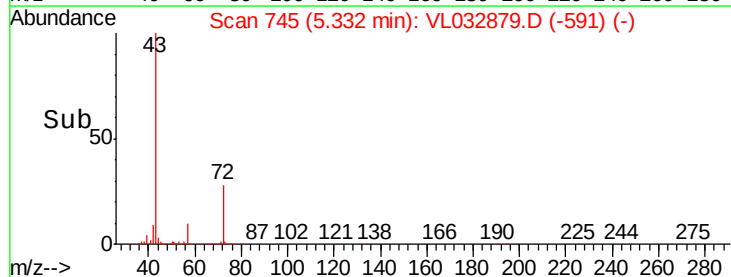
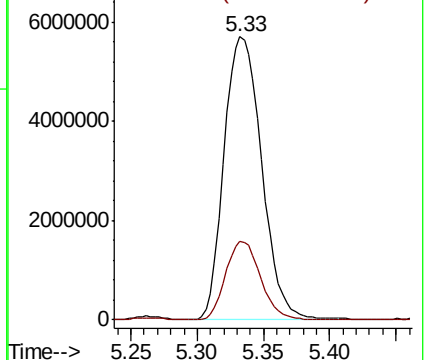
Ion Ratio Lower Upper

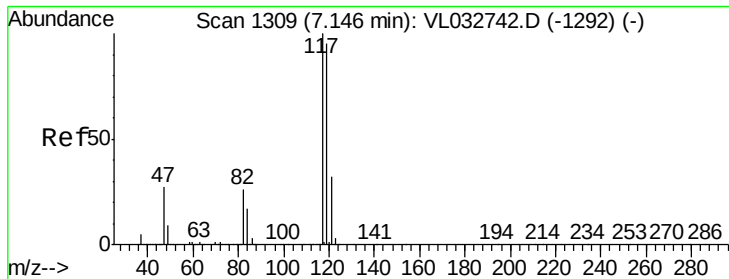
43 100

72 25.9 18.4 27.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.050 ppbv m

RT: 7.15 min Scan# 1309

Delta R.T. 0.00 min

Lab File: VL032879.D

Acq: 4 Dec 2018 16:45

Instrument :

MSVOA_L

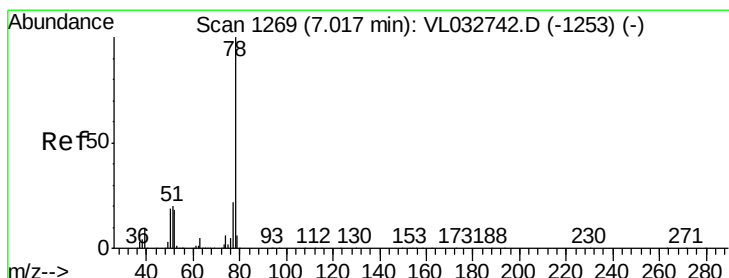
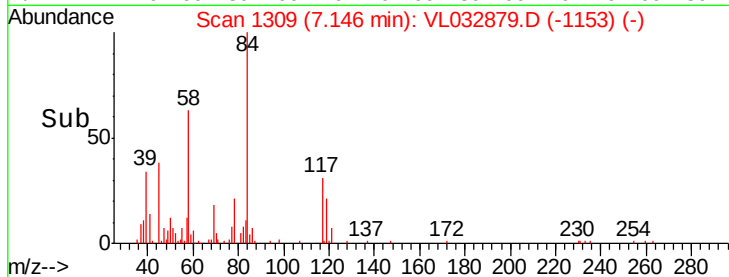
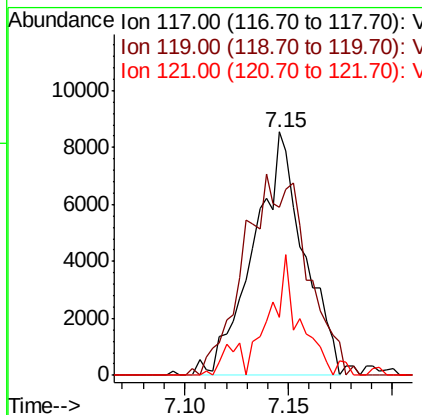
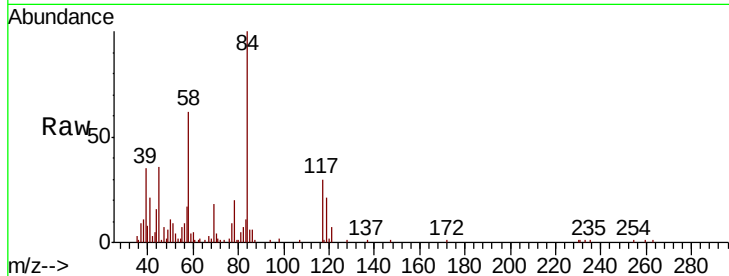
ClientSampled :

MMSV-02

Tot Ion	Ratio	Lower	Upper
117	100		
119	69.1	76.1	114.1#
121	23.9	25.4	38.0#

Manual Integrations
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#36

Benzene

Concen: 46.266 ppbv

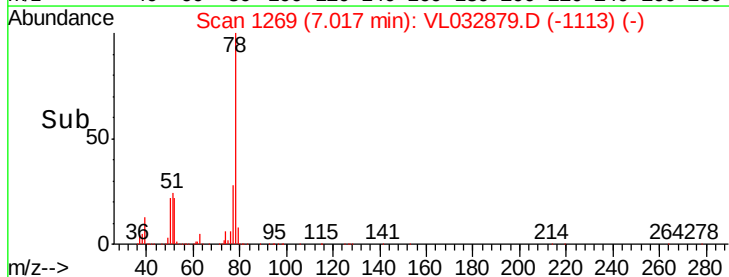
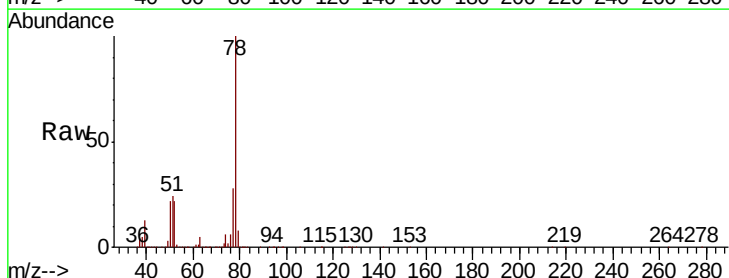
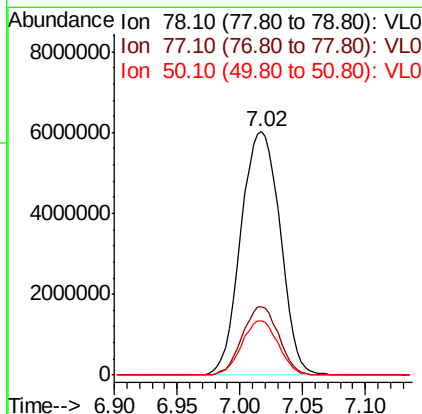
RT: 7.02 min Scan# 1269

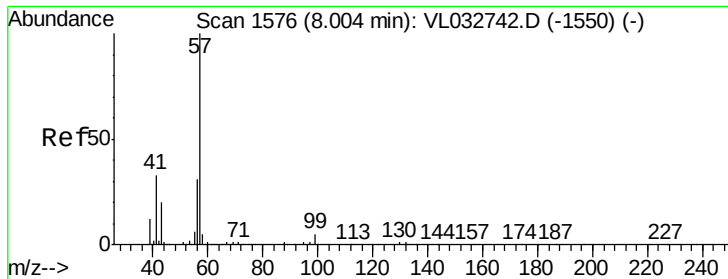
Delta R.T. 0.00 min

Lab File: VL032879.D

Acq: 4 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	28.1	17.8	26.8#
50	22.3	15.4	23.0





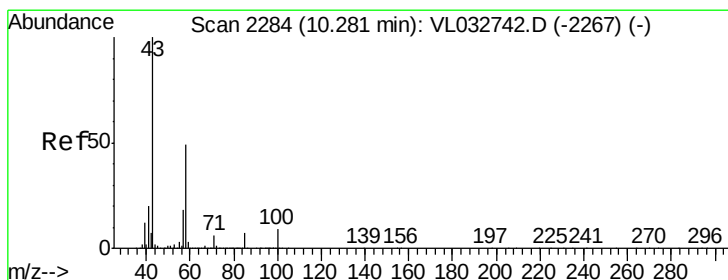
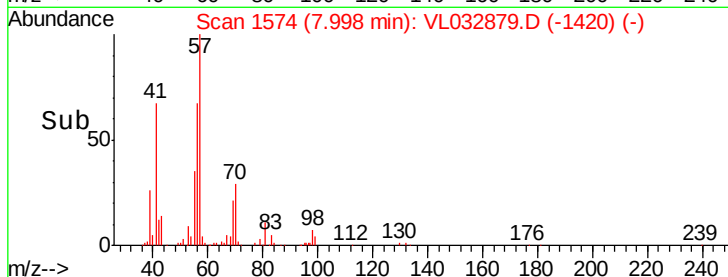
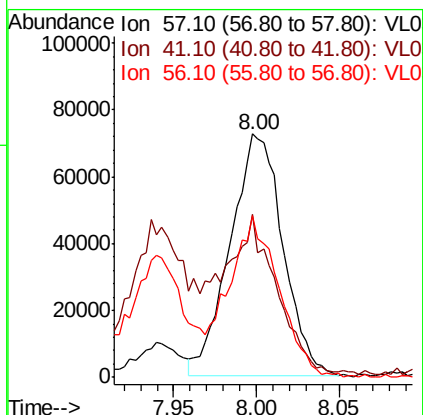
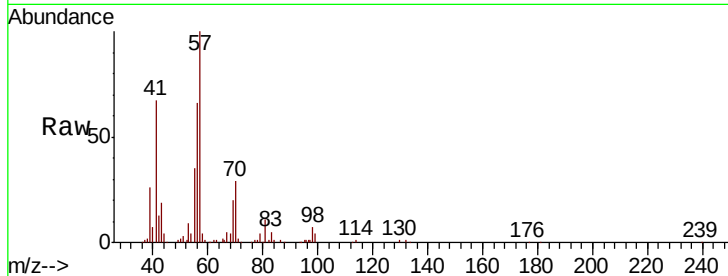
#44
 2,2,4-Trimethylpentane
 Concen: 0.339 ppbv
 RT: 8.00 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: VL032879.D
 Acq: 4 Dec 2018 16:45

Instrument :
 MSVOA_L
 ClientSampled :
 MMSV-02

Tot Ion	Ratio	Lower	Upper
57	100		
41	63.6	26.6	39.8#
56	66.5	24.8	37.2#

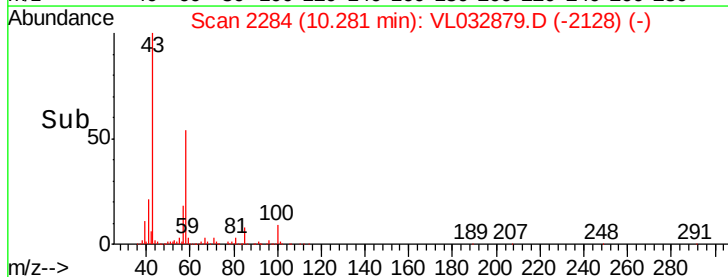
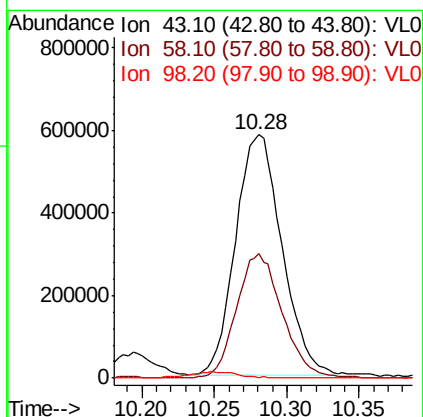
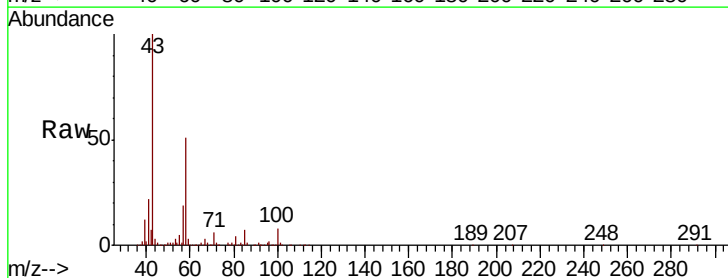
Manual Integrations
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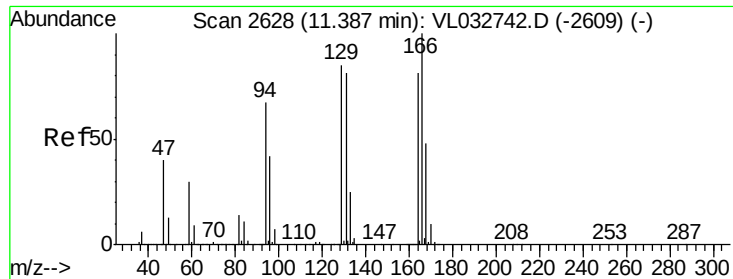
MMDadoda
 12/10/2018 12:59:57 PM



#51
 2-Hexanone
 Concen: 6.947 ppbv
 RT: 10.28 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VL032879.D
 Acq: 4 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.0	38.9	58.3
98	0.1	0.2	0.4#





#52

Tetrachloroethene

Concen: 0.120 ppbv m

RT: 11.39 min Scan# 2628

Delta R.T. 0.00 min

Lab File: VL032879.D

Acq: 4 Dec 2018 16:45

Instrument :

MSVOA_L

ClientSampleId :

MMSV-02

Tot Ion:164 Resp: 11839

Ion Ratio Lower Upper

164 100

166 112.5 99.3 148.9

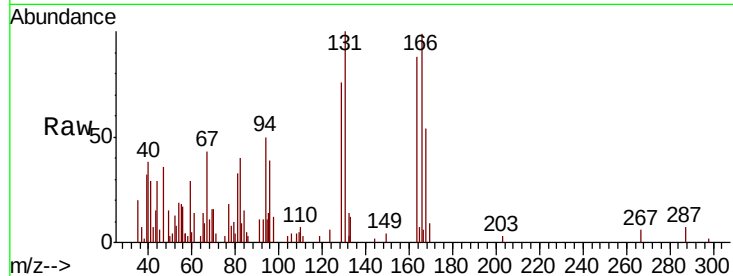
129 86.0 83.9 125.9

131 113.3 80.8 121.2

Manual Integrations
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MMDadoda

12/10/2018 12:59:57 PM

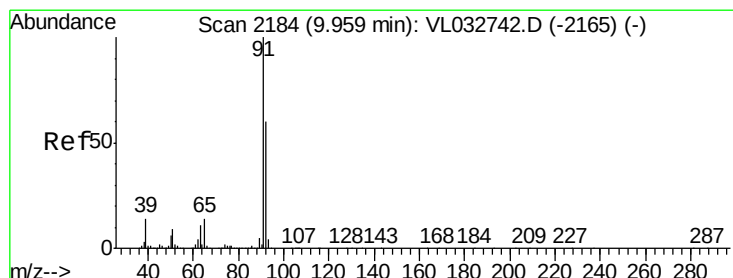
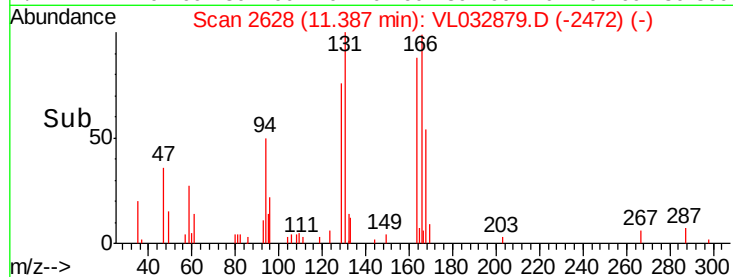
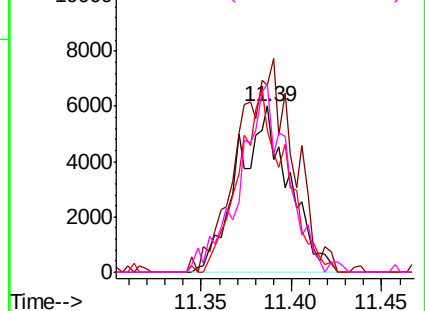


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 40.282 ppbv

RT: 9.96 min Scan# 2184

Delta R.T. 0.00 min

Lab File: VL032879.D

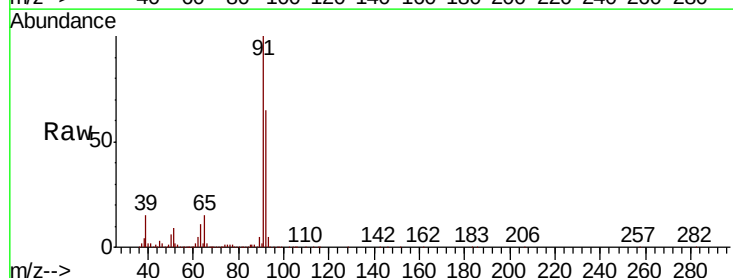
Acq: 4 Dec 2018 16:45

Tgt Ion: 91 Resp:11931326

Ion Ratio Lower Upper

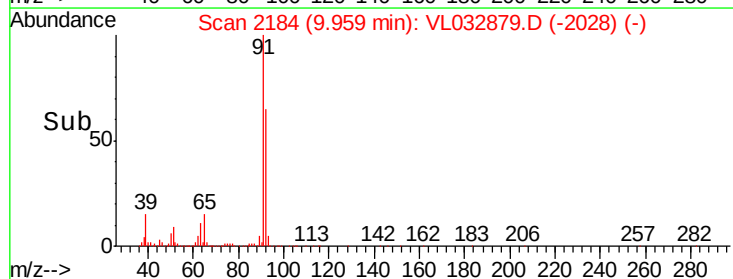
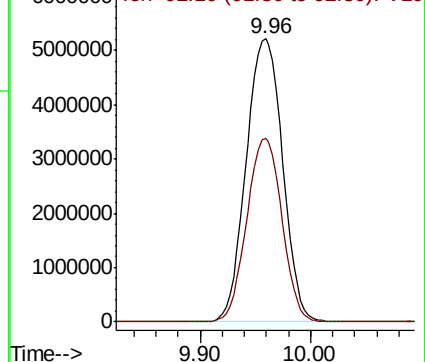
91 100

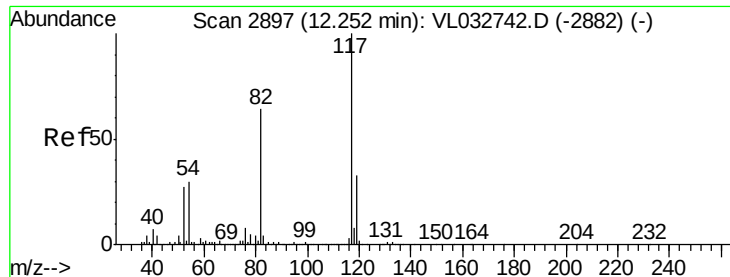
92 62.8 47.9 71.9



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: 12.25 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VL032879.D

Acq: 4 Dec 2018 16:45

Instrument :

MSVOA_L

ClientSampleId :

MMSV-02

Tot Ion:117 Resp: 3701526

Ion Ratio Lower Upper

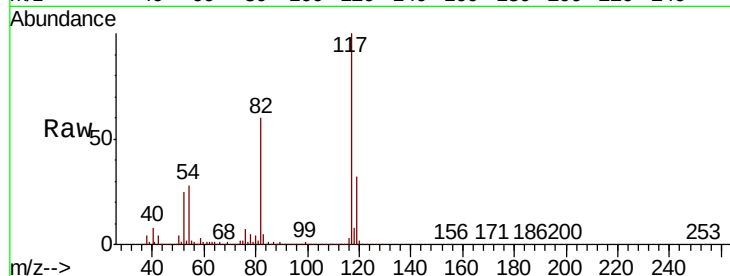
117 100

82 61.8 51.0 76.6

119 32.4 28.0 42.0

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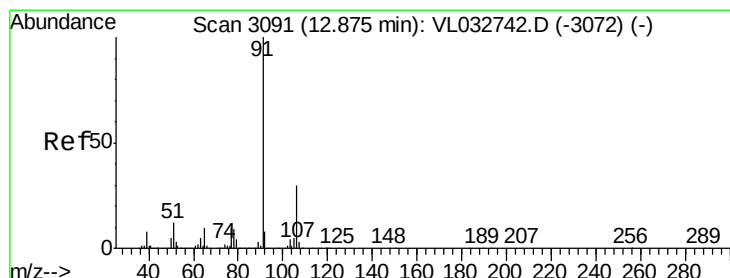
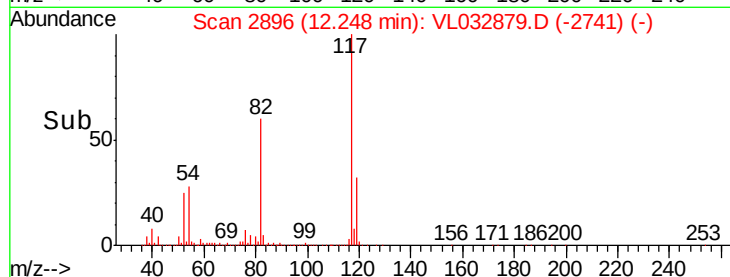
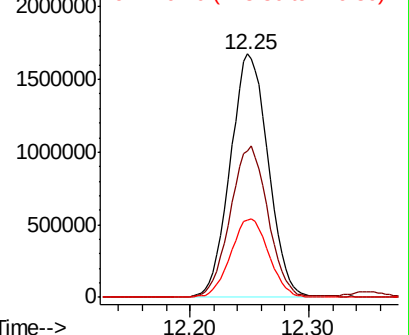
MMDadoda
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 4.890 ppbv

RT: 12.87 min Scan# 3090

Delta R.T. -0.00 min

Lab File: VL032879.D

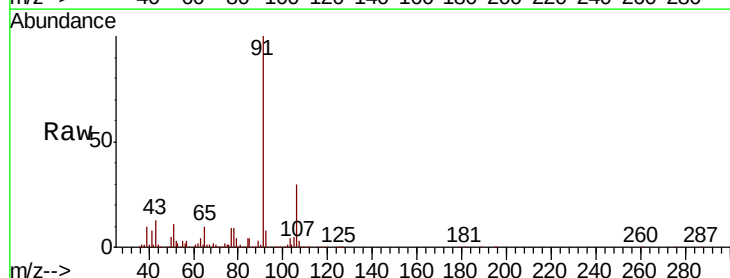
Acq: 4 Dec 2018 16:45

Tgt Ion: 91 Resp: 2178279

Ion Ratio Lower Upper

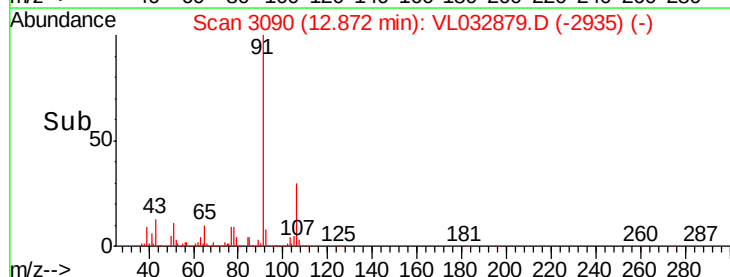
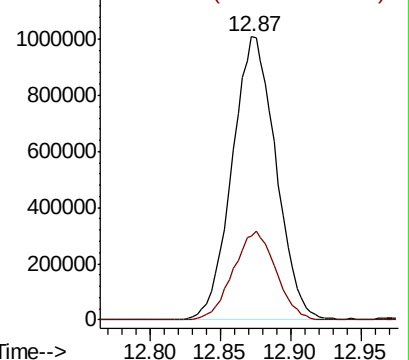
91 100

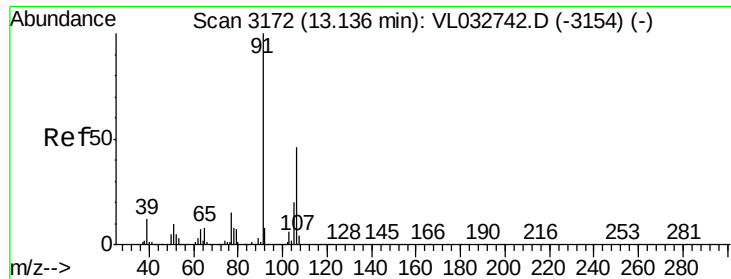
106 29.6 23.6 35.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





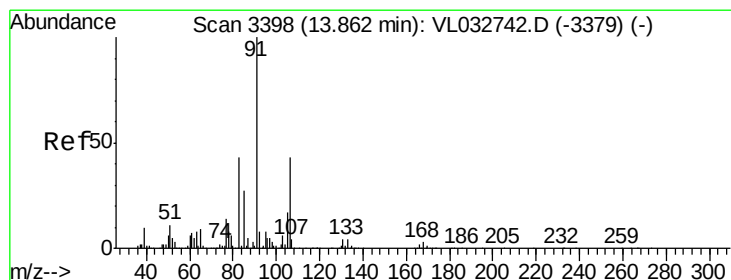
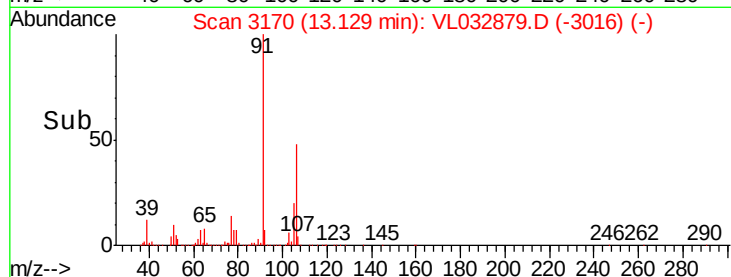
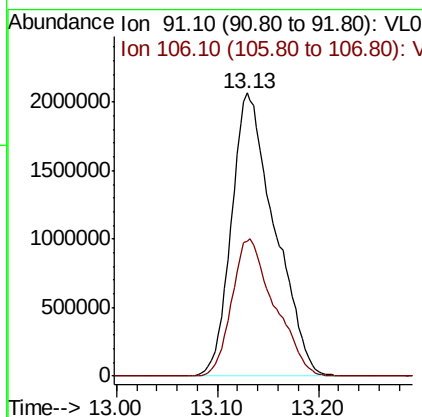
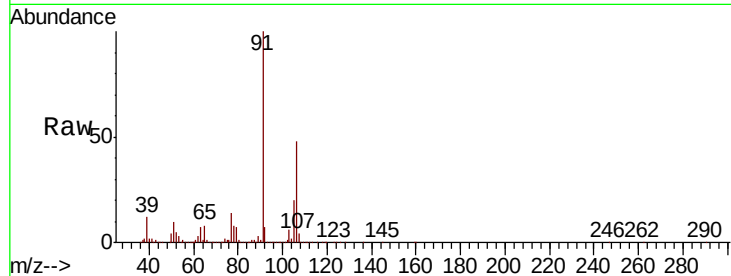
#59
m/p-Xylene
Concen: 15.470 ppbv
RT: 13.13 min Scan# 3170
Delta R.T. -0.01 min
Lab File: VL032879.D
Acq: 4 Dec 2018 16:45

Instrument :
MSVOA_L
ClientSampleId :
MMSV-02

Tot Ion: 91 Resp: 6134905
Ion Ratio Lower Upper
91 100
106 48.2 36.1 54.1

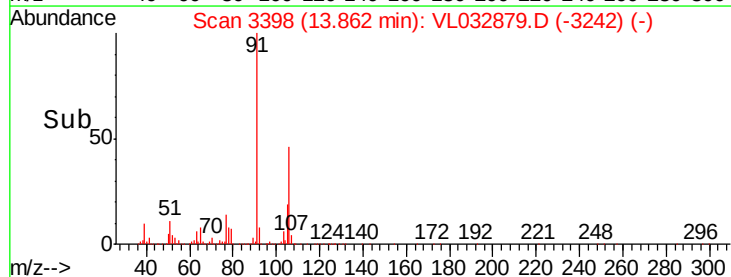
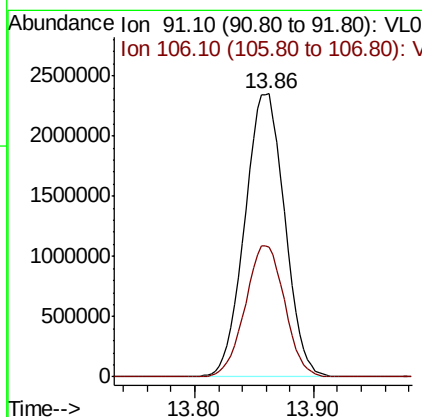
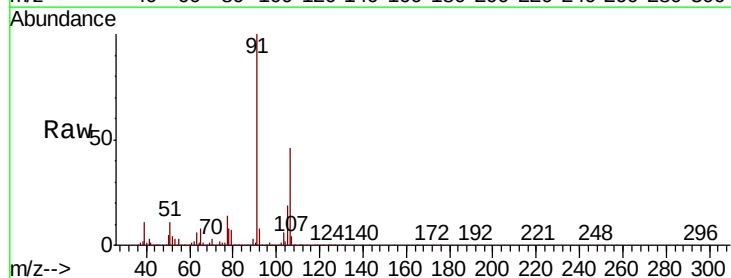
Manual Integrations
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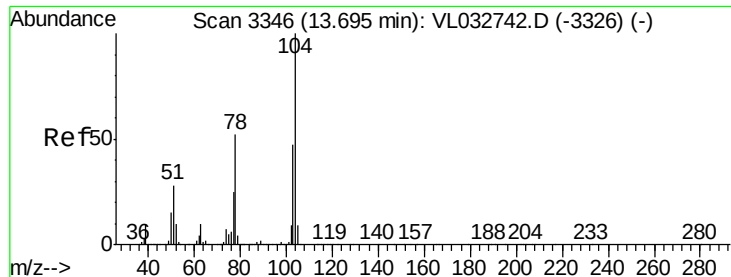
MMDadoda
12/10/2018 12:59:57 PM



#60
o-Xylene
Concen: 13.686 ppbv
RT: 13.86 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VL032879.D
Acq: 4 Dec 2018 16:45

Tgt Ion: 91 Resp: 5457337
Ion Ratio Lower Upper
91 100
106 45.9 21.9 65.7





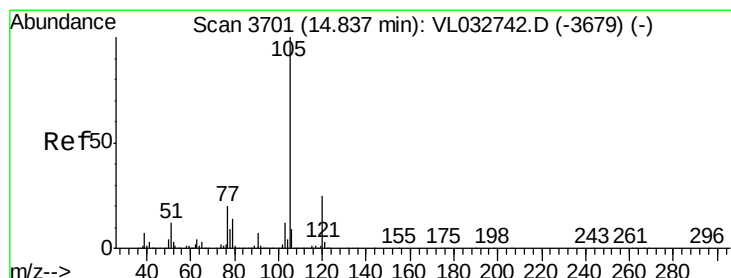
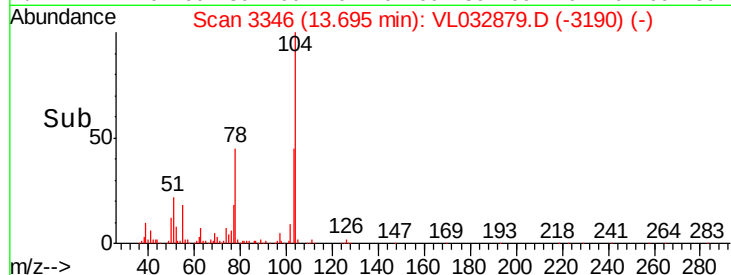
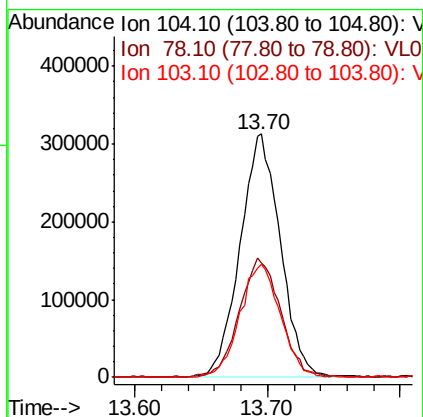
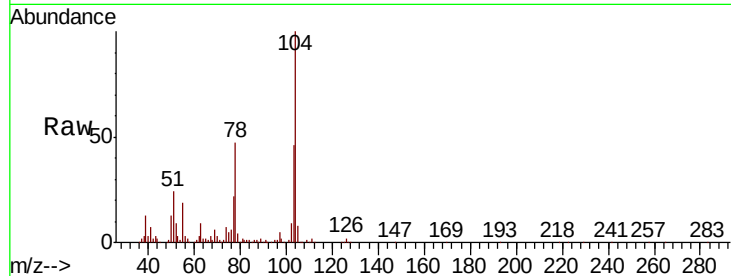
#61
Stvrene
Concen: 2.540 ppbv
RT: 13.70 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VL032879.D
Acq: 4 Dec 2018 16:45

Instrument :
MSVOA_L
ClientSampleId :
MMSV-02

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.1	42.2	63.4
103	47.3	38.2	57.2

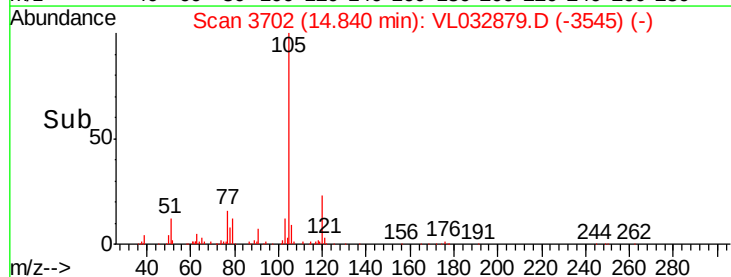
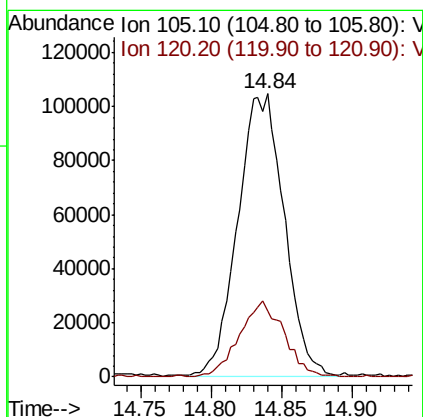
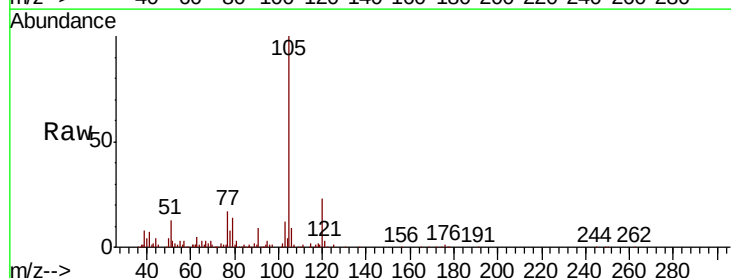
Manual Integrations
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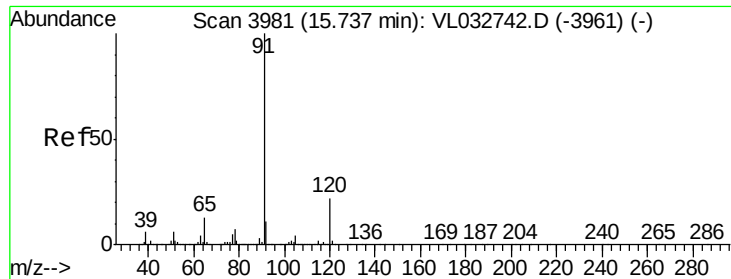
MMDadoda
12/10/2018 12:59:57 PM



#62
Isopropylbenzene
Concen: 0.446 ppbv m
RT: 14.84 min Scan# 3702
Delta R.T. 0.00 min
Lab File: VL032879.D
Acq: 4 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.1	30.1#





#64

n-propylbenzene

Concen: 0.598 ppbv

RT: 15.73 min Scan# 3979

Delta R.T. -0.01 min

Lab File: VL032879.D

Acq: 4 Dec 2018 16:45

Instrument :

MSVOA_L

ClientSampleId :

MMSV-02

Tot Ion:120 Resp: 84819

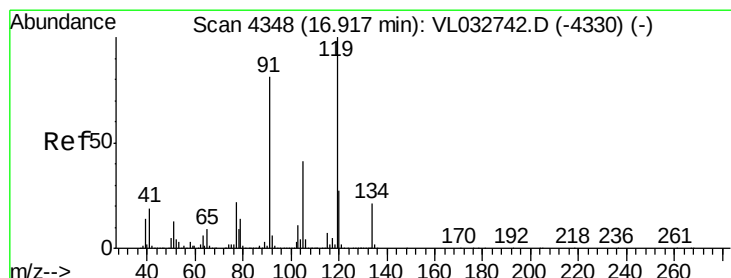
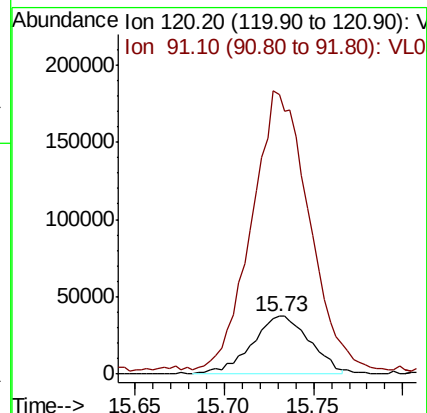
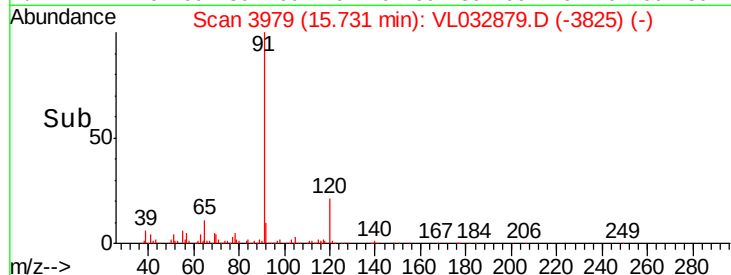
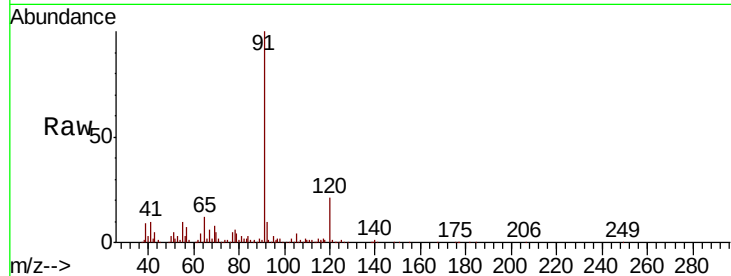
Ion Ratio Lower Upper

120 100

91 481.8 381.7 572.5

Manual Integrations
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MMDadoda
12/10/2018 12:59:57 PM



#65

tert-Butylbenzene

Concen: 0.811 ppbv

RT: 16.94 min Scan# 4354

Delta R.T. 0.02 min

Lab File: VL032879.D

Acq: 4 Dec 2018 16:45

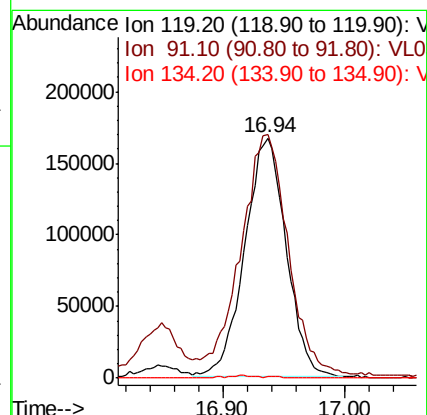
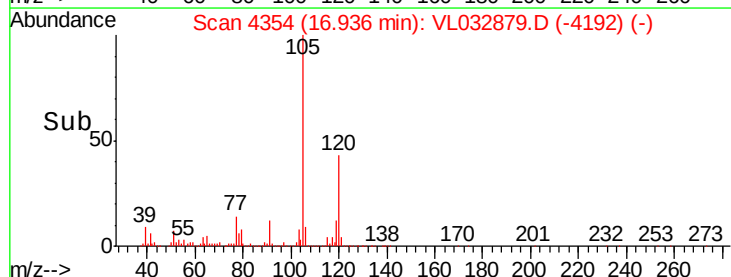
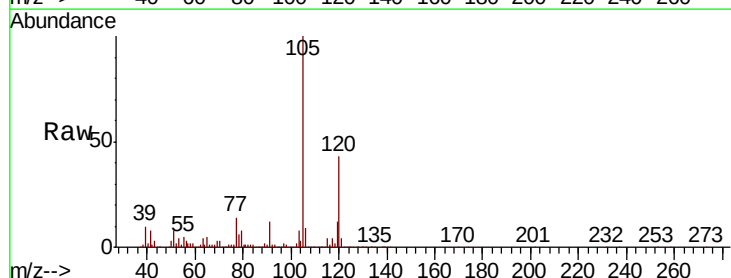
Tgt Ion:119 Resp: 392062

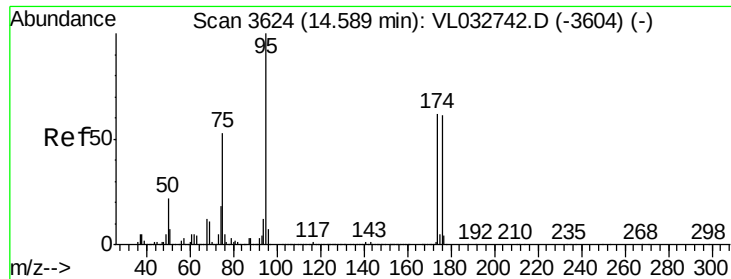
Ion Ratio Lower Upper

119 100

91 116.8 65.6 98.4#

134 1.2 15.9 23.9#





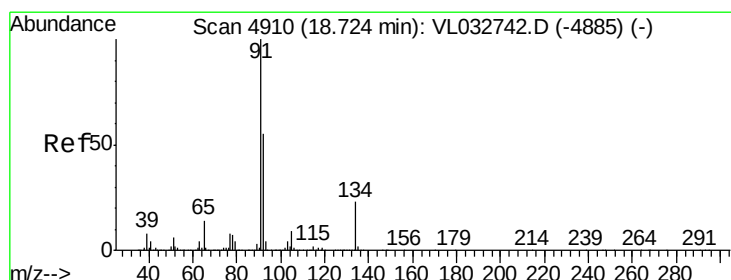
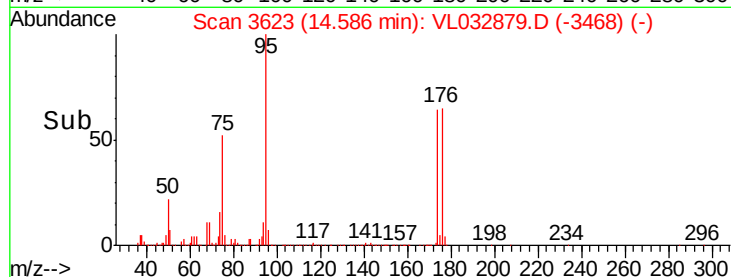
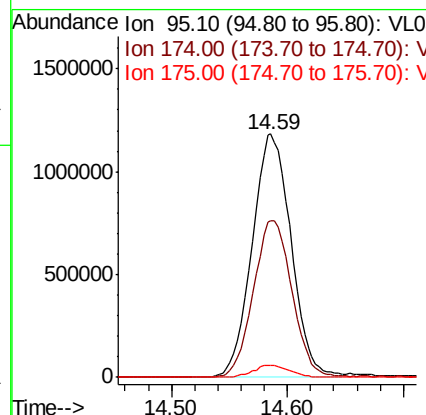
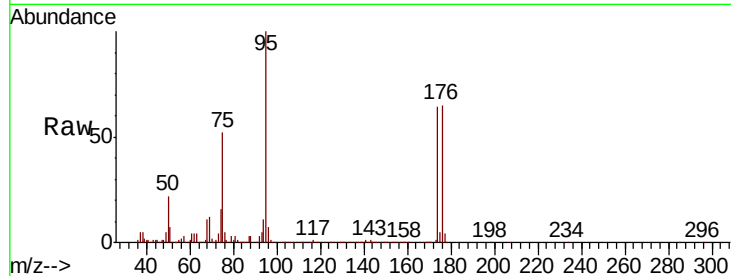
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.972 ppbv
 RT: 14.59 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VL032879.D
 Acq: 4 Dec 2018 16:45

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-02

Tot Ion: 95 Resp: 2760903
 Ion Ratio Lower Upper
 95 100
 174 64.9 50.7 76.1
 175 4.7 3.8 5.6

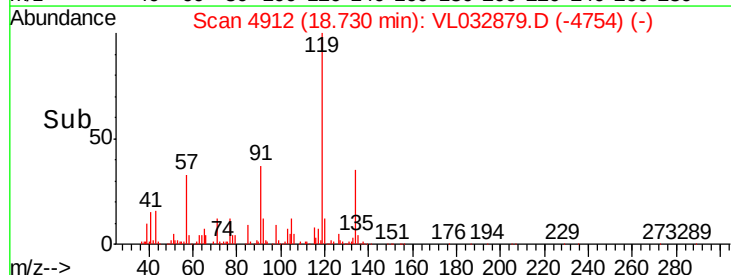
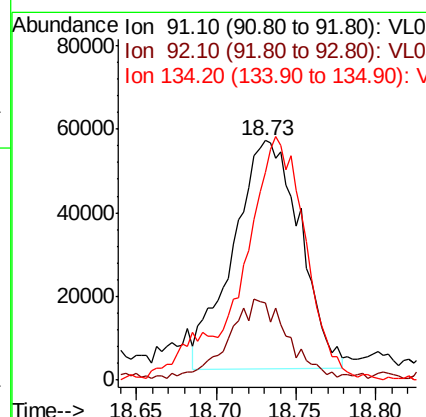
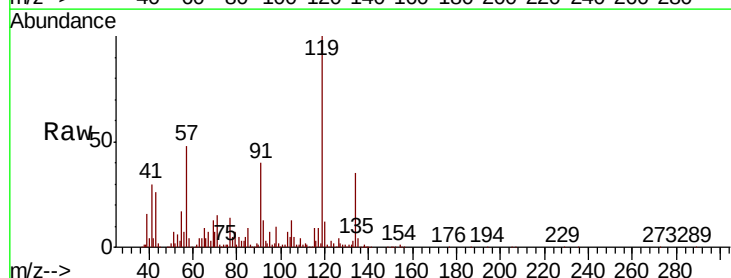
Manual Integrations
 APPROVED

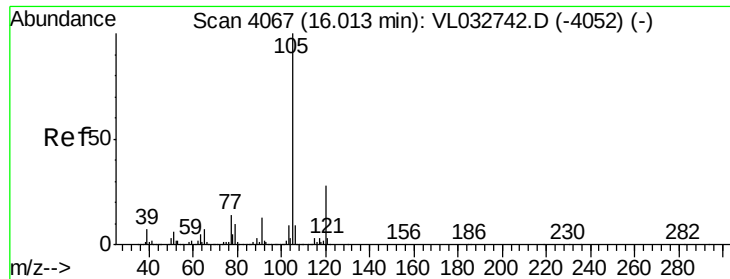
MMDadoda
 12/10/2018 12:59:57 PM



#70
 n-Butylbenzene
 Concen: 0.279 ppbv
 RT: 18.73 min Scan# 4912
 Delta R.T. 0.01 min
 Lab File: VL032879.D
 Acq: 4 Dec 2018 16:45

Tgt Ion: 91 Resp: 156879
 Ion Ratio Lower Upper
 91 100
 92 31.2 42.9 64.3#
 134 104.1 17.8 26.8#





#72

4-Ethyltoluene

Concen: 1.412 ppbv

RT: 16.01 min Scan# 4066

Delta R.T. -0.00 min

Lab File: VL032879.D

Acq: 4 Dec 2018 16:45

Instrument :

MSVOA_L

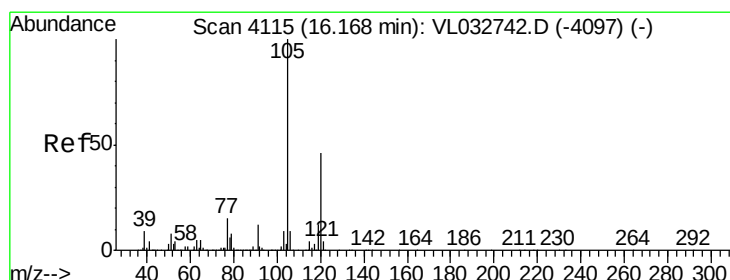
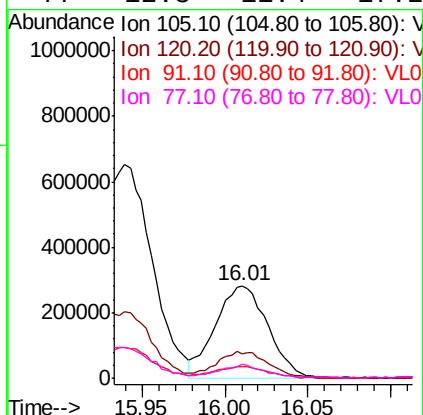
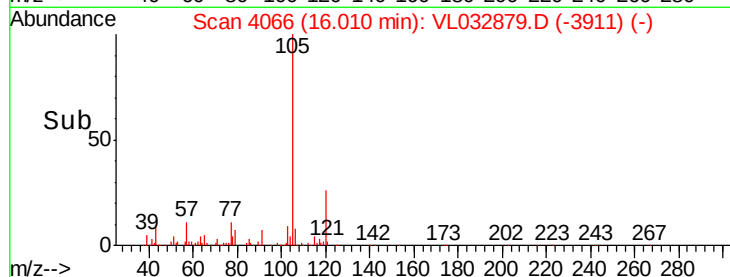
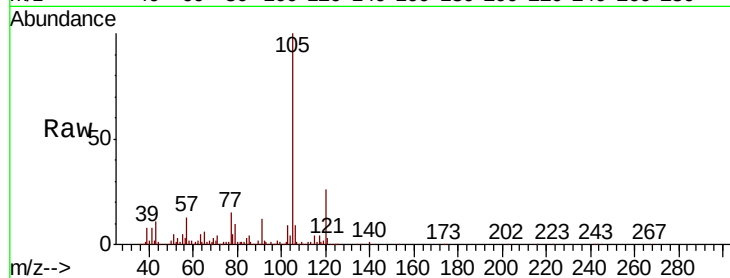
ClientSampled :

MMSV-02

Tot Ion:	105	Resp:	616946
Ion Ratio	Lower	Upper	
105	100		
120	28.3	22.9	34.3
91	12.1	10.6	15.8
77	12.3	11.4	17.2

Manual Integrations
APPROVED

MMDadoda
12/10/2018 12:59:57 PM



#73

1,3,5-Trimethylbenzene

Concen: 3.532 ppbv

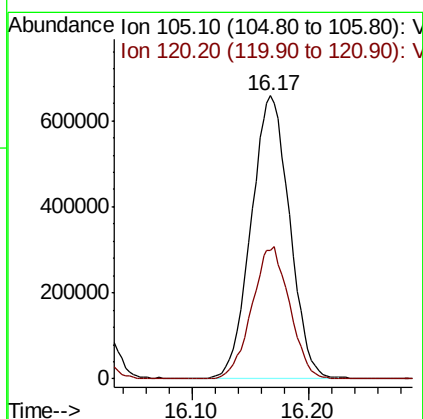
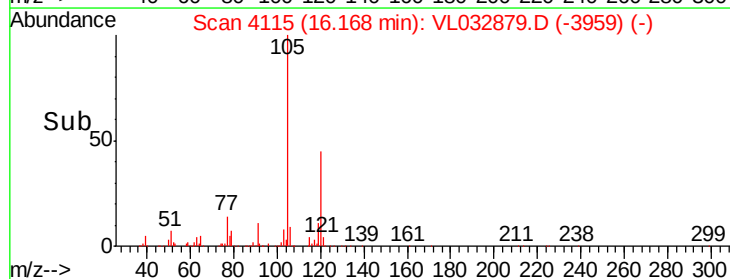
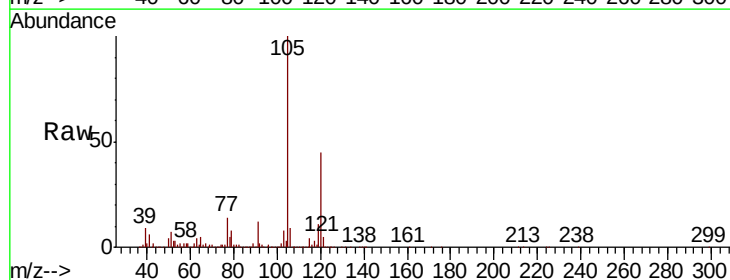
RT: 16.17 min Scan# 4115

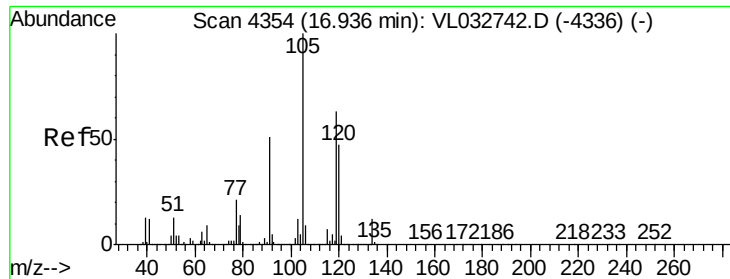
Delta R.T. 0.00 min

Lab File: VL032879.D

Acq: 4 Dec 2018 16:45

Tgt Ion:	105	Resp:	1509277
Ion Ratio	Lower	Upper	
105	100		
120	45.4	36.6	55.0





#74

1,2,4-Trimethylbenzene

Concen: 7.243 ppbv

RT: 16.94 min Scan# 4354

Delta R.T. 0.00 min

Lab File: VL032879.D

Acq: 4 Dec 2018 16:45

Instrument :

MSVOA_L

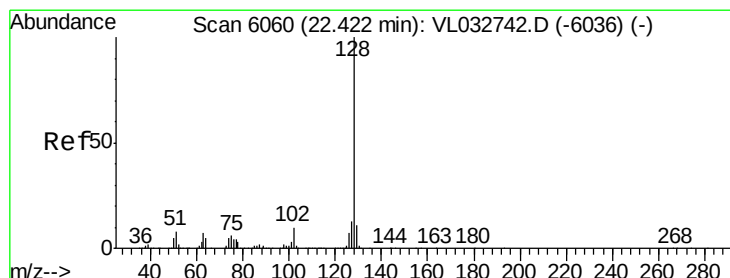
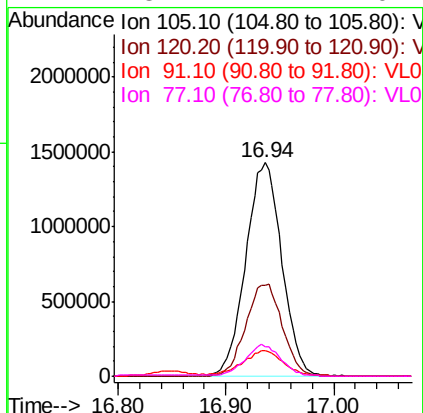
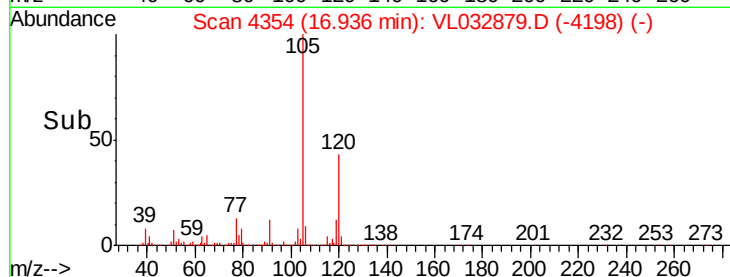
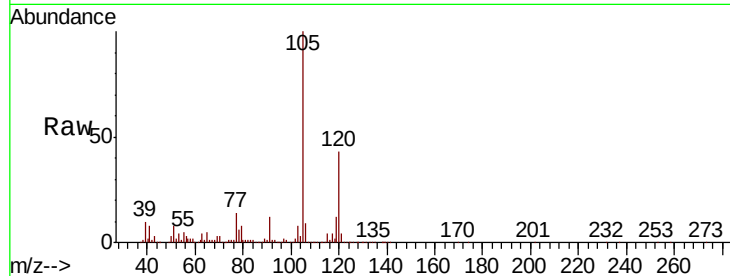
ClientSampleId :

MMSV-02

Tot Ion	Ratio	Lower	Upper
105	100		
120	42.6	37.6	56.4
91	11.7	42.5	63.7#
77	13.7	17.4	26.2#

Manual Integrations
APPROVED

MMDadoda
12/10/2018 12:59:57 PM



#79

Naphthalene

Concen: 3.212 ppbv

RT: 22.42 min Scan# 6061

Delta R.T. 0.00 min

Lab File: VL032879.D

Acq: 4 Dec 2018 16:45

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.1	15.1
129	9.6	8.9	13.3

