

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072718\
 Data File : VL032320.D
 Acq On : 27 Jul 2018 15:39
 Operator : SY/AP
 Sample : J4131-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DUP

Manual Integrations
 APPROVED

MMDadoda
 7/30/2018 11:43:08 AM

Quant Time: Jul 28 00:20:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 27 2018
 QLast Update : Fri Jul 27 07:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.83	49	1603620	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3097689	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.32	117	3730191	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.66	95	2942372	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.12	85	43249	0.22	ppbv	99
3) Chlorodifluoromethane	3.06	51	7314638m	45.62	ppbv	
4) Chloromethane	3.22	50	85189	0.88	ppbv	96
9) Propene	3.09	41	284898m	3.95	ppbv	
10) Heptane	8.33	43	228055	0.90	ppbv	97
11) Trichlorofluoromethane	4.06	101	54870	0.30	ppbv	88
13) Ethanol	3.71	45	226398	10.93	ppbv	99
15) Acetone	3.95	43	2092290	13.84	ppbv	99
17) tert-Butyl alcohol	4.44	59	43820m	0.91	ppbv	
20) Methylene Chloride	4.47	84	1505796	24.79	ppbv	98
26) Hexane	5.85	57	1908174	12.43	ppbv #	47
27) Carbon Disulfide	4.68	76	71005	0.51	ppbv #	90
28) Methyl tert-Butyl Ether	5.18	73	194319	0.94	ppbv	96
29) Chloroform	5.92	83	85769	0.38	ppbv	94
30) Cyclohexane	7.33	84	124918	1.04	ppbv #	68
34) 2-Butanone	5.40	43	1215512	6.06	ppbv	98
35) Carbon Tetrachloride	7.21	117	17627m	0.10	ppbv	
36) Benzene	7.08	78	85714	0.31	ppbv	95
37) 1,2-Dichloroethane	6.49	62	32381	0.21	ppbv #	85
41) Tetrahydrofuran	6.23	42	15503m	0.14	ppbv	
44) 2,2,4-Trimethylpentane	8.07	57	121302	0.20	ppbv #	44
50) 4-Methyl-2-Pentanone	8.97	43	76673	0.22	ppbv	99
51) 2-Hexanone	10.37	43	153702m	0.57	ppbv	
52) Tetrachloroethene	11.45	164	9171m	0.10	ppbv	
53) Toluene	10.03	91	1295107	3.97	ppbv	98
58) Ethyl Benzene	12.95	91	467938	1.00	ppbv	96
59) m/p-Xylene	13.21	91	1256019	3.15	ppbv	100
60) o-Xylene	13.93	91	674681	1.73	ppbv	98
61) Styrene	13.77	104	393762	1.37	ppbv	99
62) Isopropylbenzene	14.91	105	113537	0.20	ppbv	98
69) p-Isopropyltoluene	17.90	119	76466m	0.14	ppbv	
72) 4-Ethyltoluene	16.08	105	80397	0.18	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.25	105	94978m	0.22	ppbv	
74) 1,2,4-Trimethylbenzene	17.01	105	279441	0.62	ppbv #	73

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

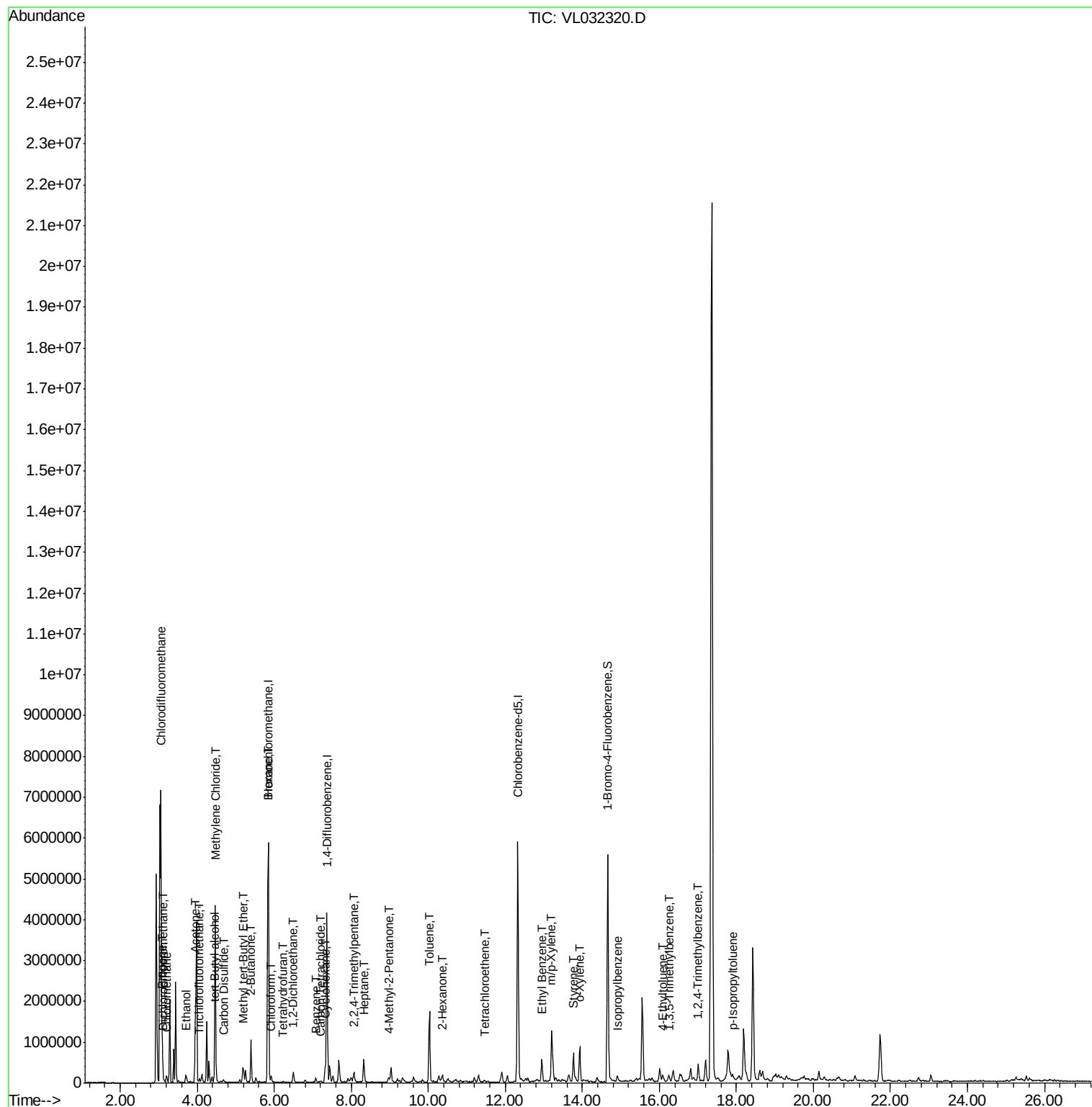
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL072718\
Data File : VL032320.D
Acq On : 27 Jul 2018 15:39
Operator : SY/AP
Sample : J4131-01DUP
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

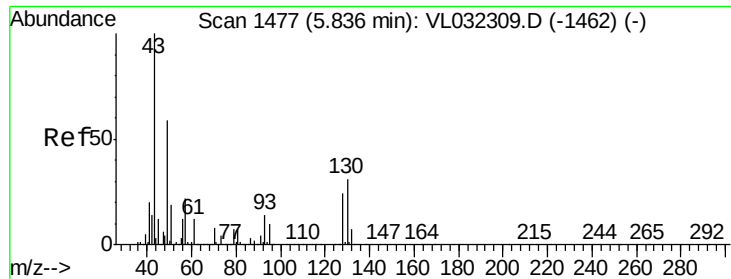
Instrument :
MSVOA_L
ClientSampleId :
SG-2DUP

Manual Integrations
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7/30/2018 11:43:08 AM

Quant Time: Jul 28 00:20:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul
QLast Update : Fri Jul 27 07:05:37 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.83 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VL032320.D

Acq: 27 Jul 2018 15:39

Instrument :

MSVOA_L

ClientSampleId :

SG-2DUP

Tot Ion: 49 Resp: 1603620

Ion Ratio Lower Upper

49 100

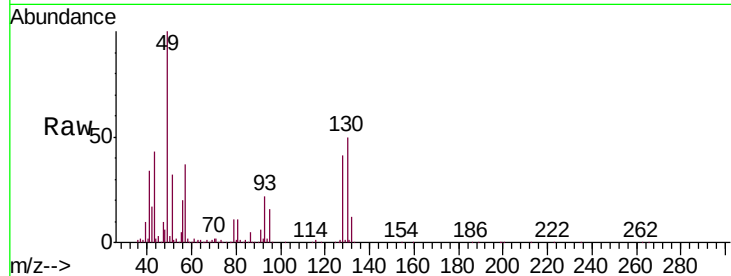
128 40.0 20.2 60.6

130 50.9 25.8 77.3

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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

1200000

1000000

800000

600000

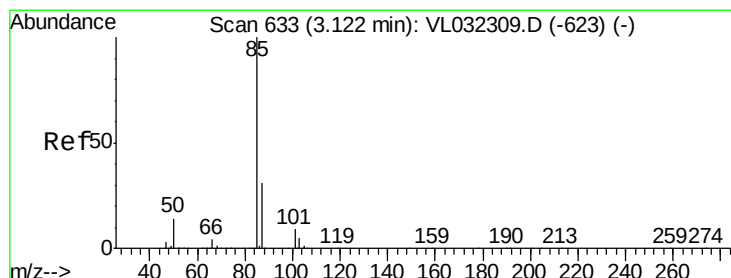
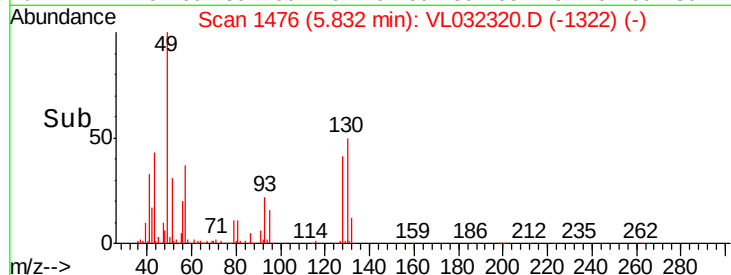
400000

200000

0

5.75 5.80 5.85 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 0.22 ppbv

RT: 3.12 min Scan# 633

Delta R.T. -0.00 min

Lab File: VL032320.D

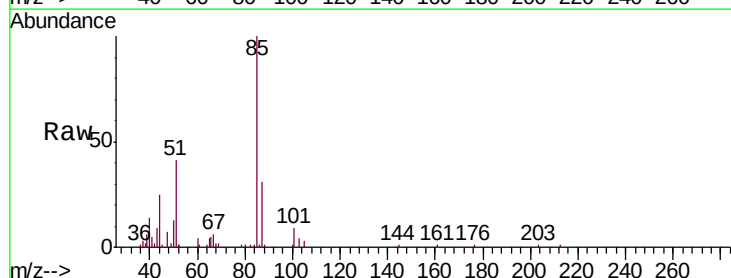
Acq: 27 Jul 2018 15:39

Tgt Ion: 85 Resp: 43249

Ion Ratio Lower Upper

85 100

87 30.9 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

40000

30000

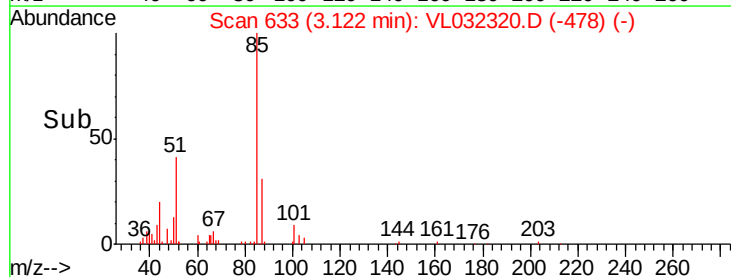
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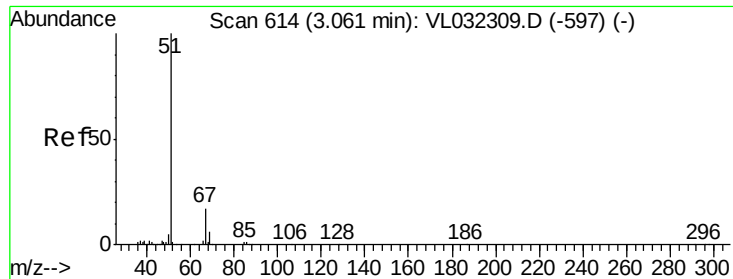
10000

0

3.08 3.10 3.12 3.14 3.16

Time-->





#3

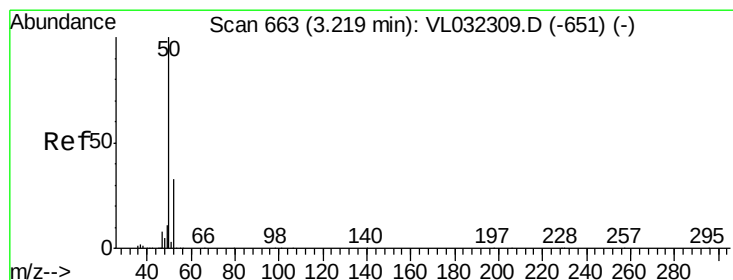
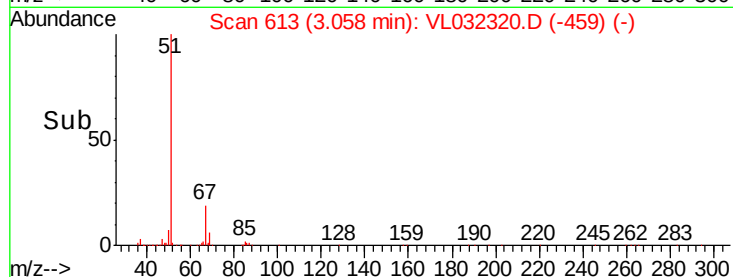
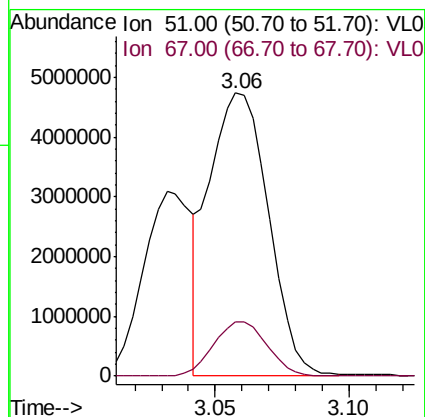
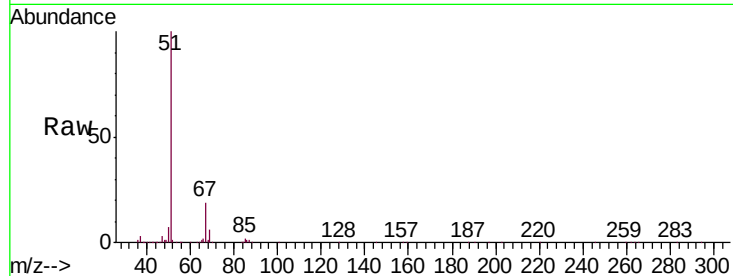
Chlorodifluoromethane
Concen: 45.62 ppbv m
RT: 3.06 min Scan# 613
Delta R.T. -0.00 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Instrument :
MSVOA_L
ClientSampleId :
SG-2DUP

Tot Ion: 51 Resp: 7314638
Ion Ratio Lower Upper
51 100
67 17.5 13.5 20.3

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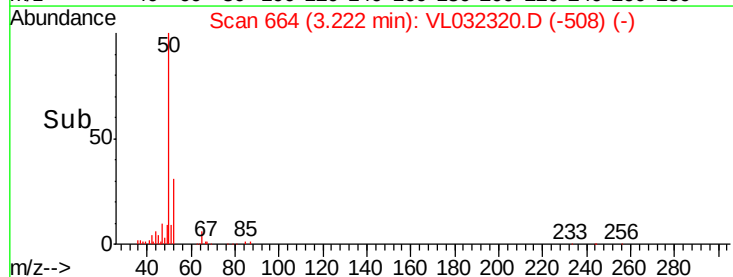
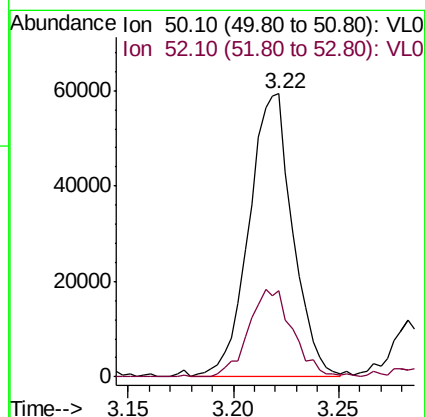
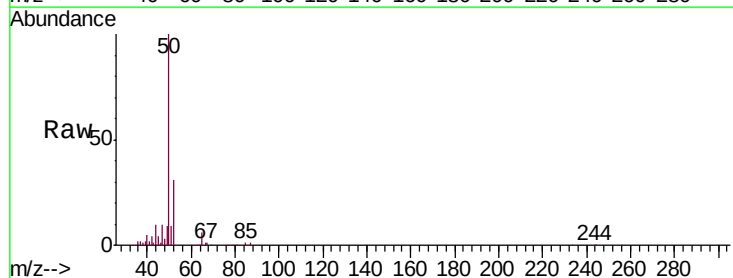
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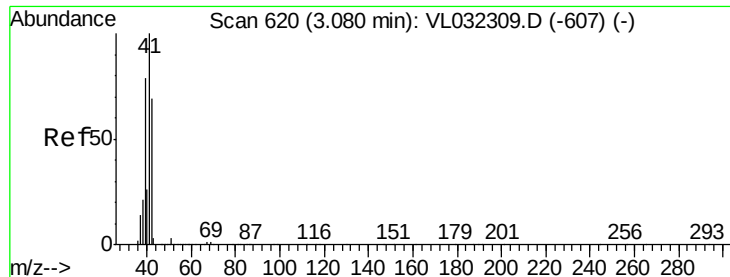


#4

Chloromethane
Concen: 0.88 ppbv
RT: 3.22 min Scan# 664
Delta R.T. 0.00 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Tgt Ion: 50 Resp: 85189
Ion Ratio Lower Upper
50 100
52 30.8 26.2 39.4





#9

Propene

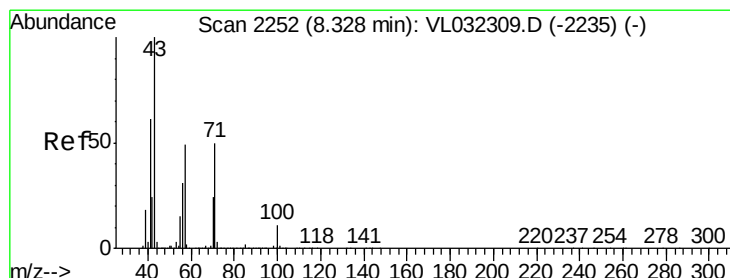
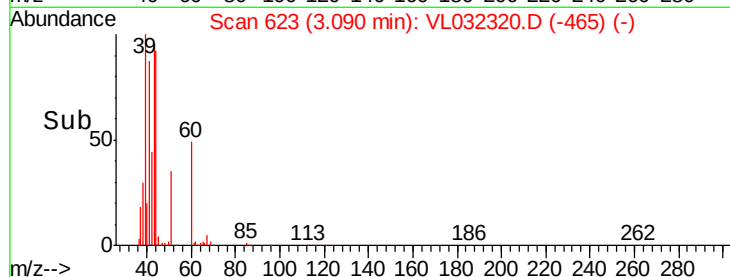
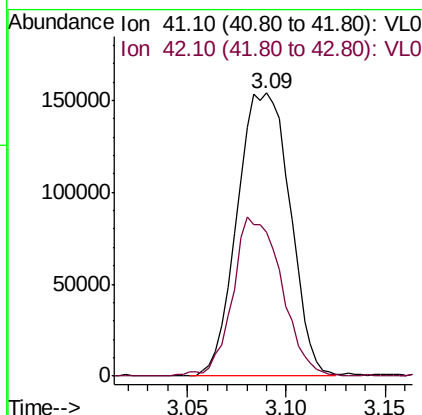
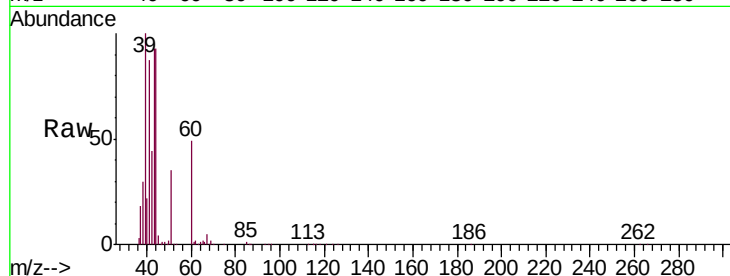
Concen: 3.95 ppbv m
 RT: 3.09 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: VL032320.D
 Acq: 27 Jul 2018 15:39

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DUP

Tot Ion	Ratio	Lower	Upper
41	100		
42	135.3	56.8	85.2#

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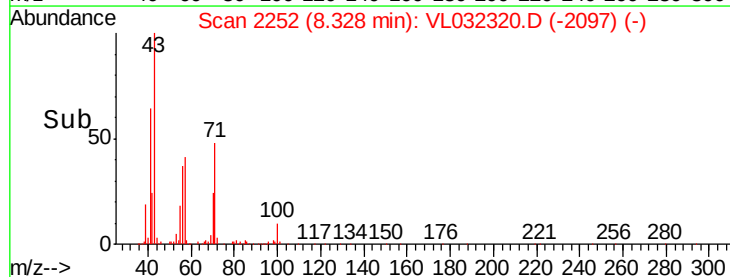
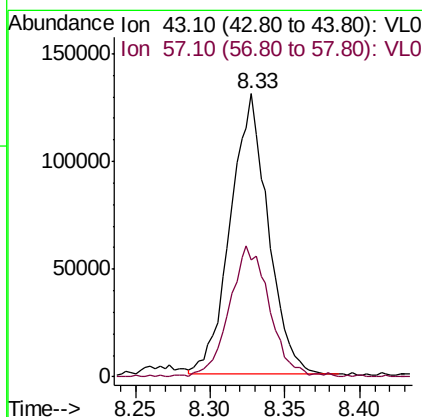
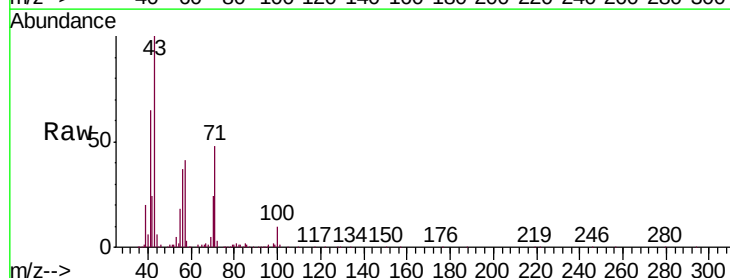


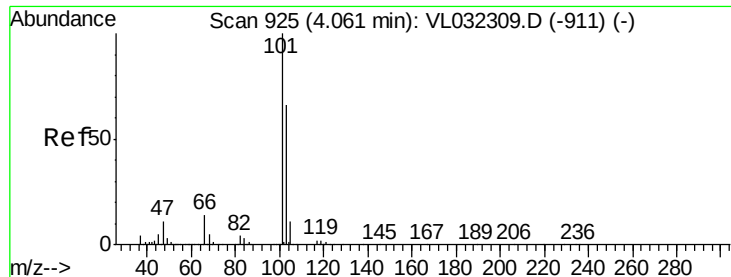
#10

Heptane

Concen: 0.90 ppbv
 RT: 8.33 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VL032320.D
 Acq: 27 Jul 2018 15:39

Tgt Ion	Ratio	Lower	Upper
43	100		
57	50.5	39.0	58.4





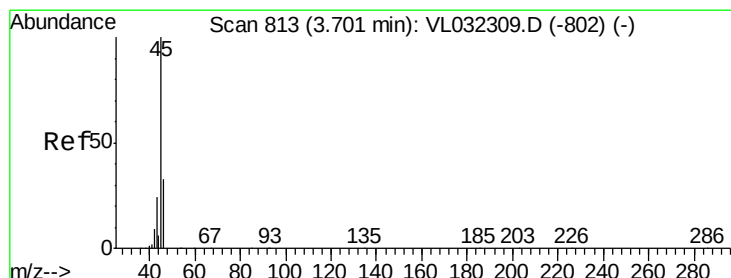
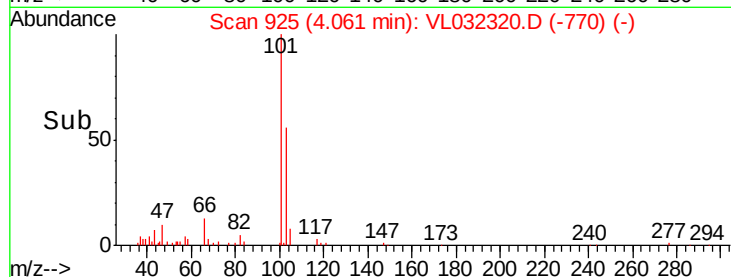
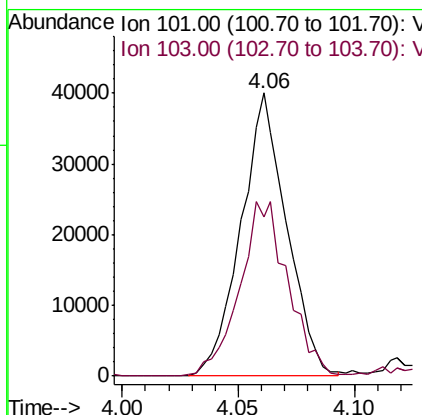
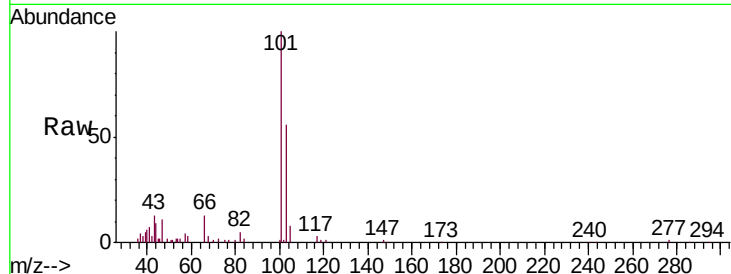
#11
Trichlorofluoromethane
Concen: 0.30 ppbv
RT: 4.06 min Scan# 925
Delta R.T. -0.00 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Instrument :
MSVOA_L
ClientSampleId :
SG-2DUP

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	55.9	52.6	78.8	

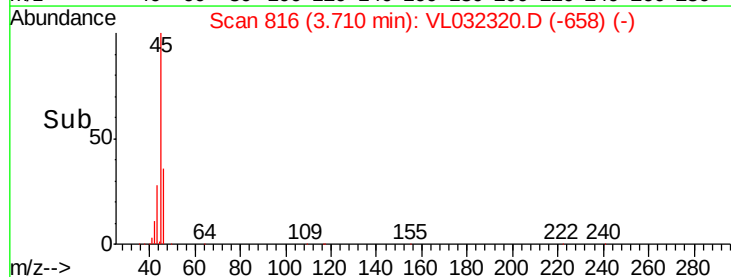
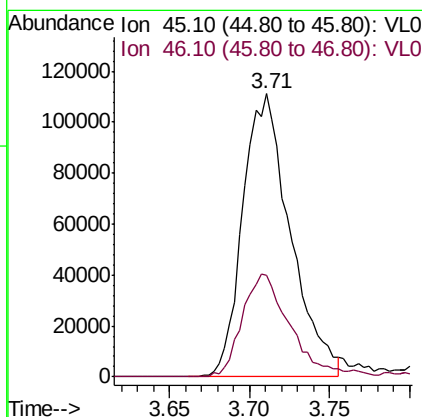
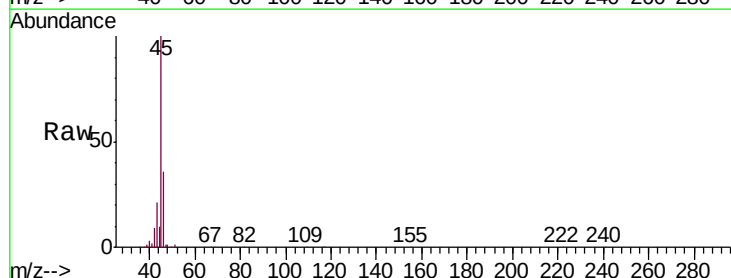
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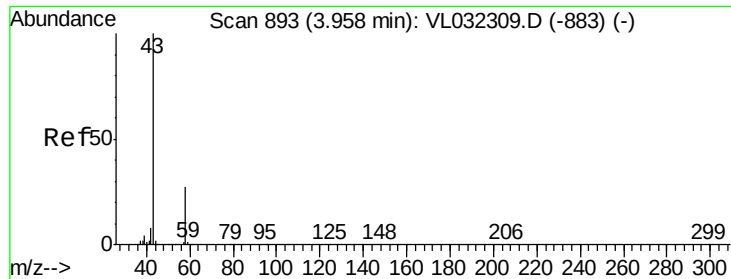
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#13
Ethanol
Concen: 10.93 ppbv
RT: 3.71 min Scan# 816
Delta R.T. 0.01 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
46	38.2	15.2	60.6	





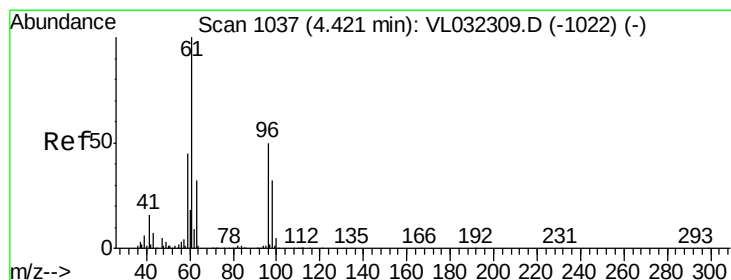
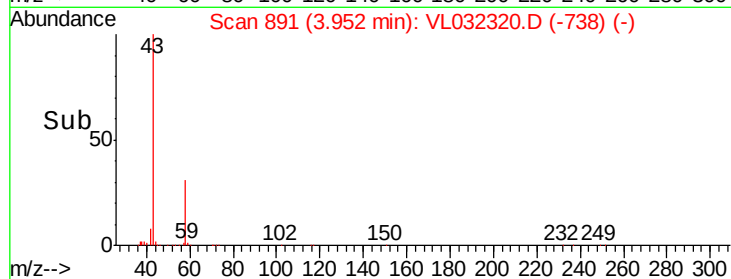
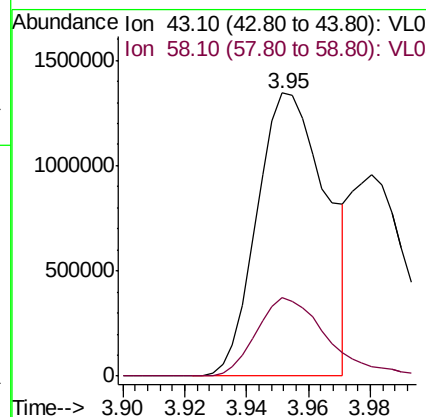
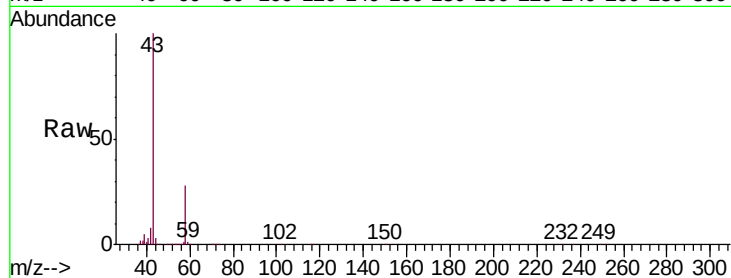
#15
Acetone
Concen: 13.84 ppbv
RT: 3.95 min Scan# 891
Delta R.T. -0.01 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Instrument :
MSVOA_L
ClientSampleId :
SG-2DUP

Tot Ion: 43 Resp: 2092290
Ion Ratio Lower Upper
43 100
58 28.5 22.5 33.7

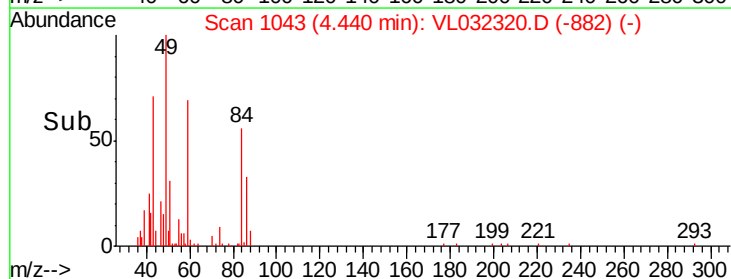
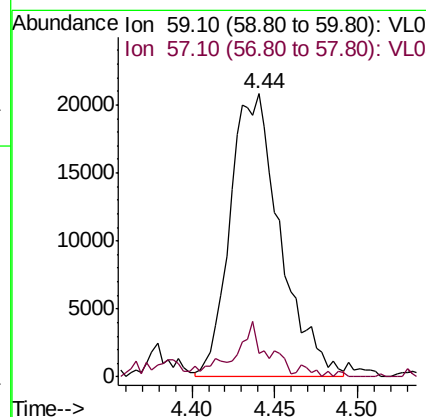
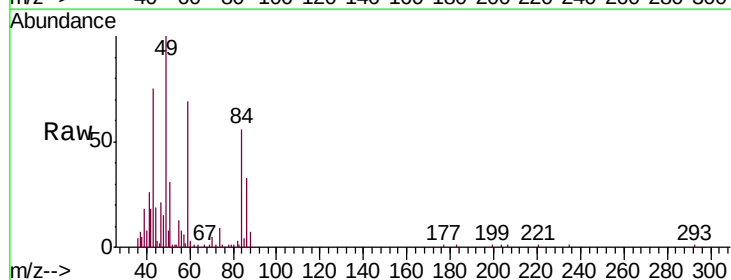
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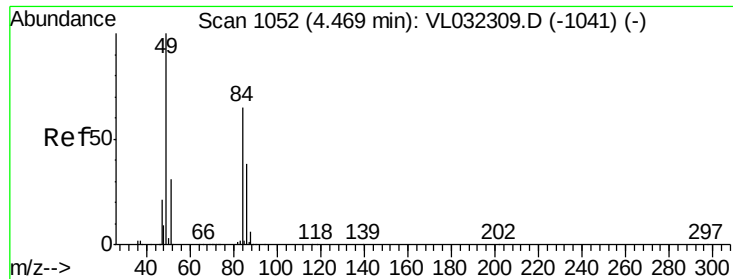
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#17
tert-Butyl alcohol
Concen: 0.91 ppbv m
RT: 4.44 min Scan# 1043
Delta R.T. 0.02 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Tgt Ion: 59 Resp: 43820
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#





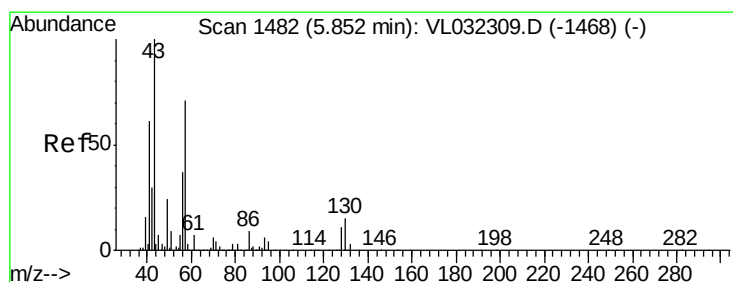
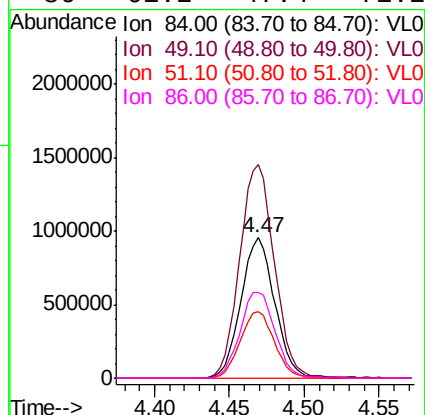
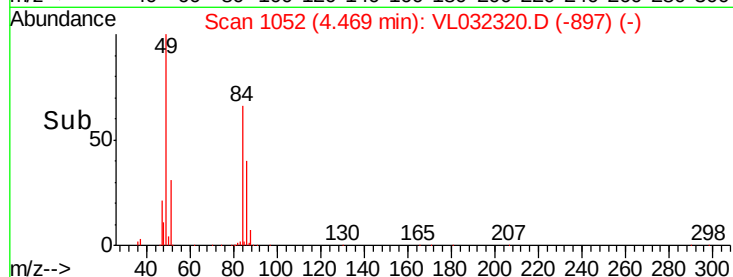
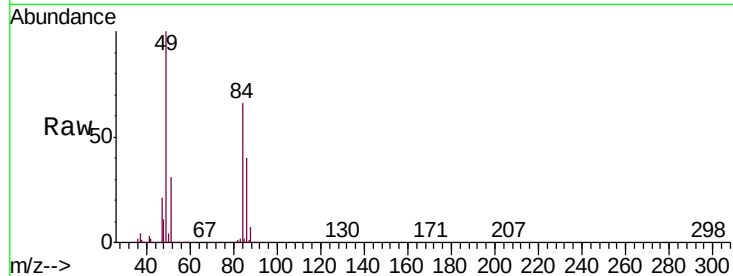
#20
Methvlene Chloride
Concen: 24.79 ppbv
RT: 4.47 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Instrument :
MSVOA_L
ClientSampleId :
SG-2DUP

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	152.1	123.4	185.0	
51	47.7	38.2	57.2	
86	61.2	47.4	71.2	

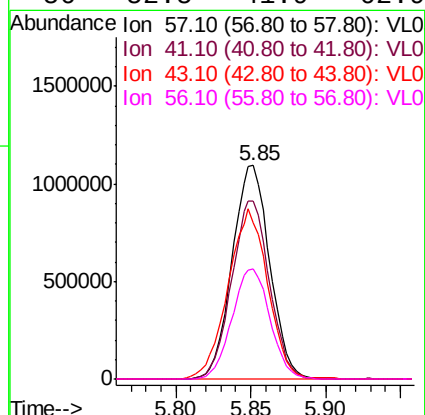
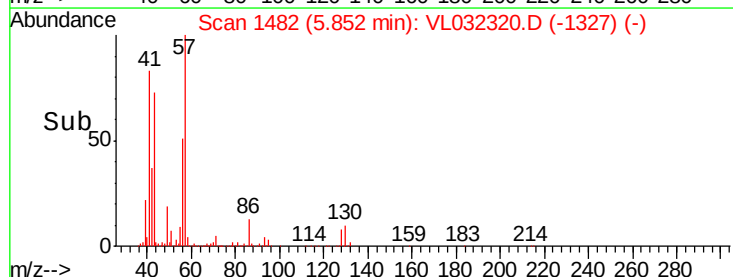
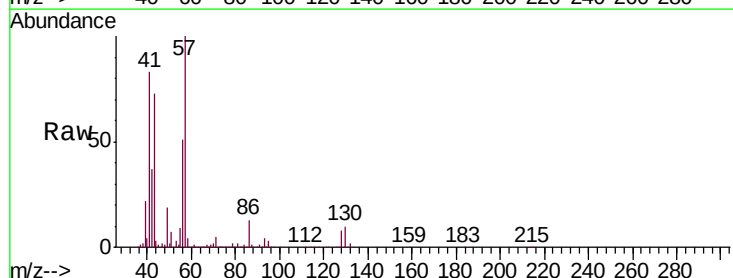
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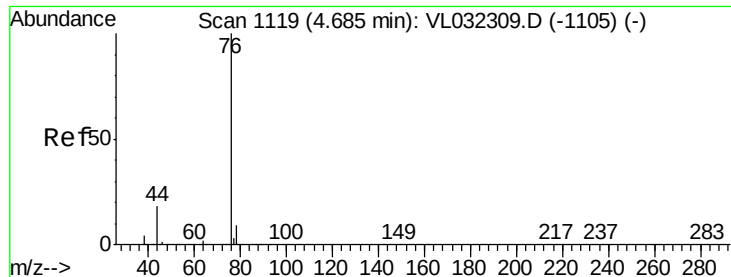
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#26
Hexane
Concen: 12.43 ppbv
RT: 5.85 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	84.5	68.1	102.1	
43	84.6	177.4	266.2	
56	52.5	41.9	62.9	





#27

Carbon Disulfide

Concen: 0.51 ppbv

RT: 4.68 min Scan# 1119

Delta R.T. -0.00 min

Lab File: VL032320.D

Acq: 27 Jul 2018 15:39

Instrument :

MSVOA_L

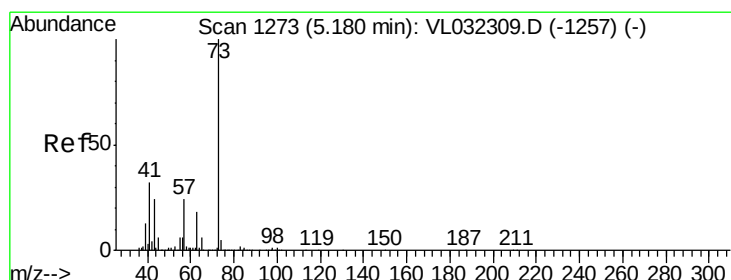
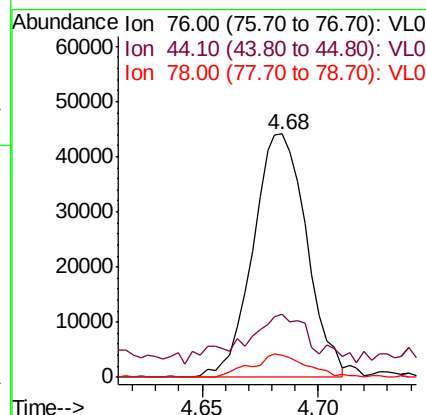
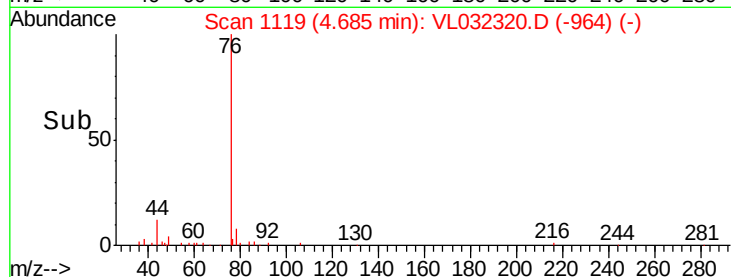
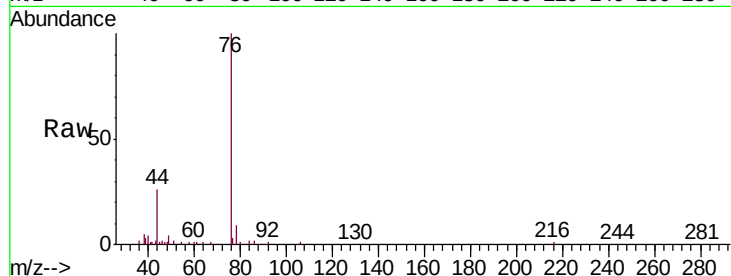
ClientSampleId :

SG-2DUP

Tot Ion:	76	Resp:	71005
Ion	Ratio	Lower	Upper
76	100		
44	23.6	14.0	21.0#
78	10.0	7.5	11.3

Manual Integrations
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#28

Methyl tert-Butyl Ether

Concen: 0.94 ppbv

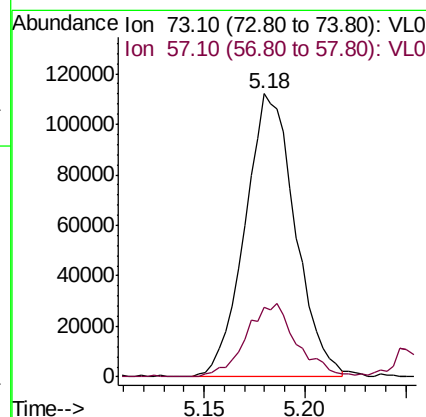
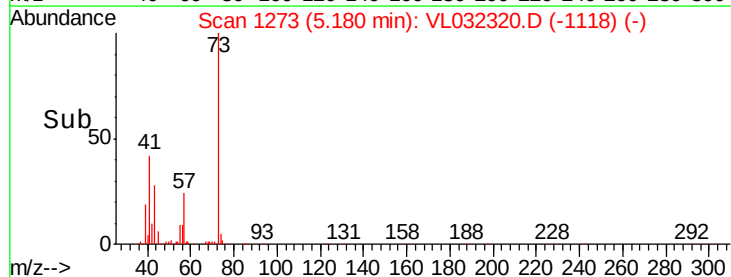
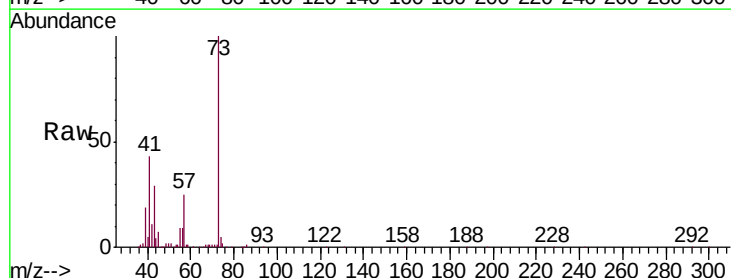
RT: 5.18 min Scan# 1273

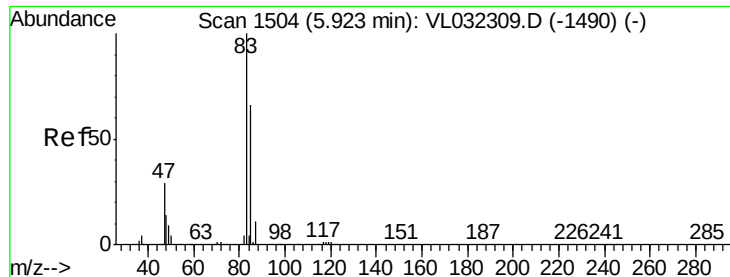
Delta R.T. -0.00 min

Lab File: VL032320.D

Acq: 27 Jul 2018 15:39

Tgt Ion:	73	Resp:	194319
Ion	Ratio	Lower	Upper
73	100		
57	26.3	19.4	29.0





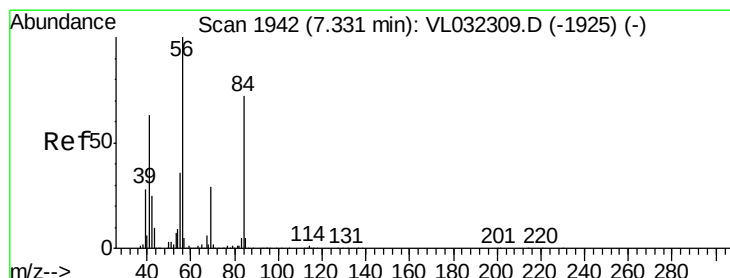
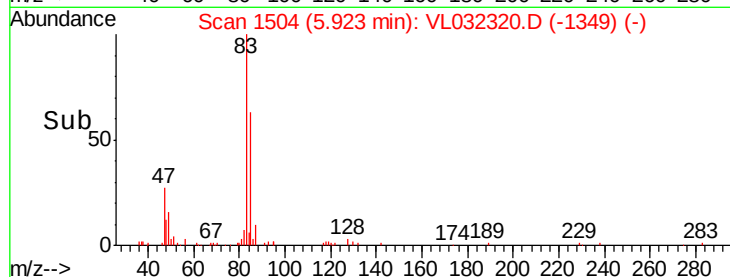
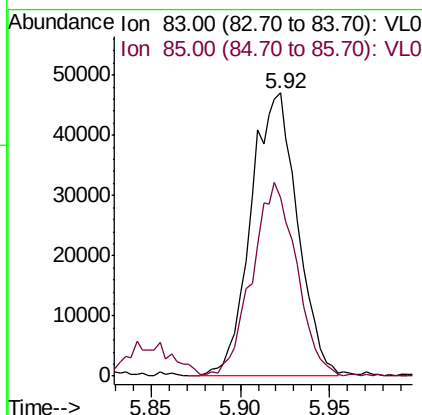
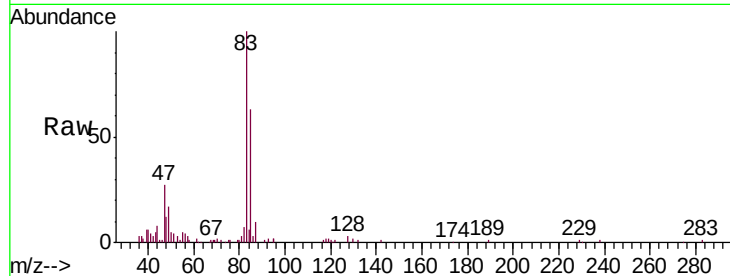
#29
Chloroform
Concen: 0.38 ppbv
RT: 5.92 min Scan# 1504
Delta R.T. -0.00 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Instrument :
MSVOA_L
ClientSampled :
SG-2DUP

Tot Ion	83	Resp	85769
Ion Ratio	Lower	Upper	
83	100		
85	61.6	52.9	79.3

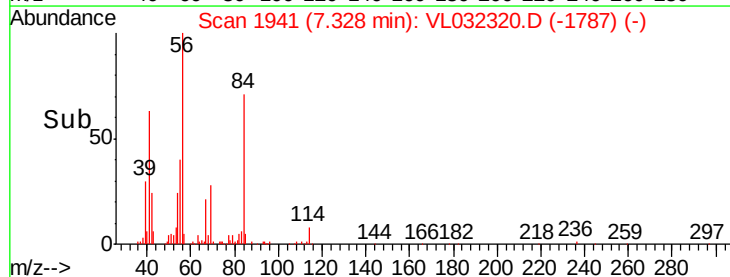
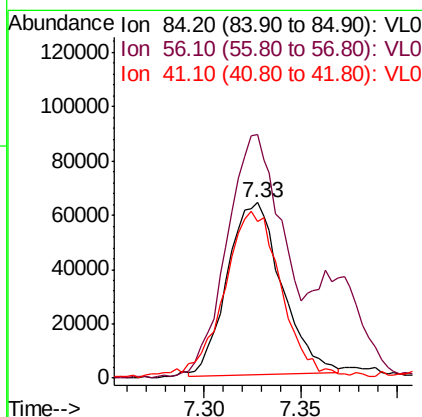
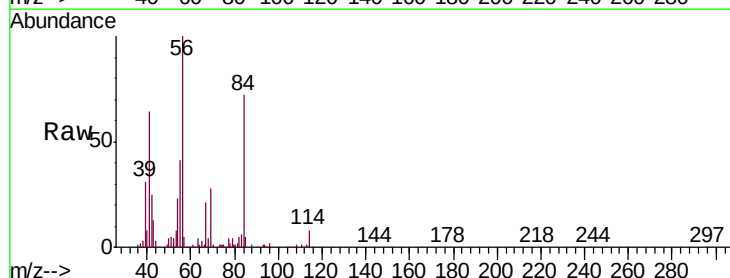
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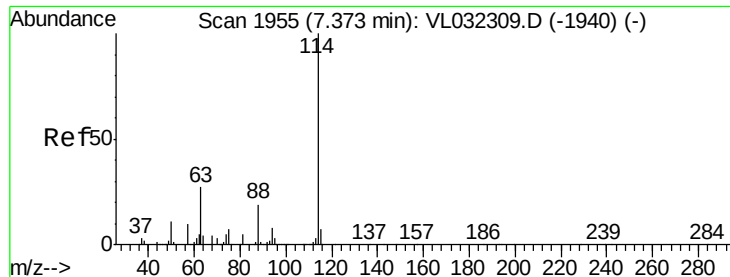
MMDadoda
7/30/2018 11:43:08 AM



#30
Cyclohexane
Concen: 1.04 ppbv
RT: 7.33 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Tgt Ion	84	Resp	124918
Ion Ratio	Lower	Upper	
84	100		
56	199.4	116.8	175.2#
41	100.6	70.0	105.0





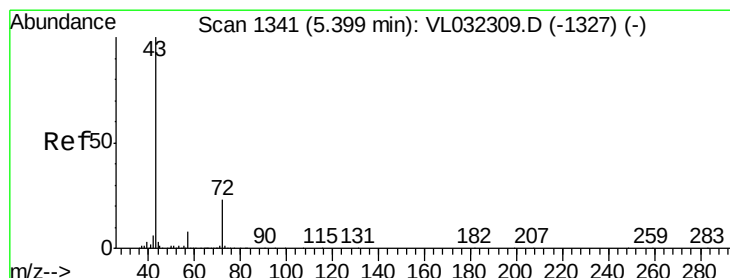
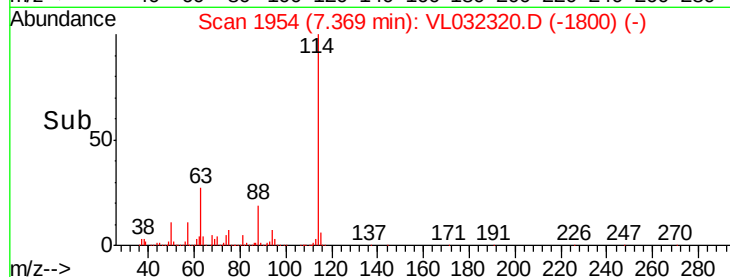
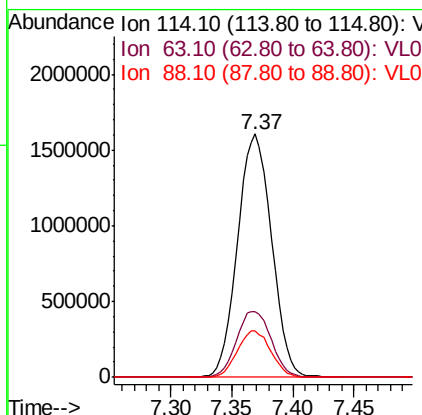
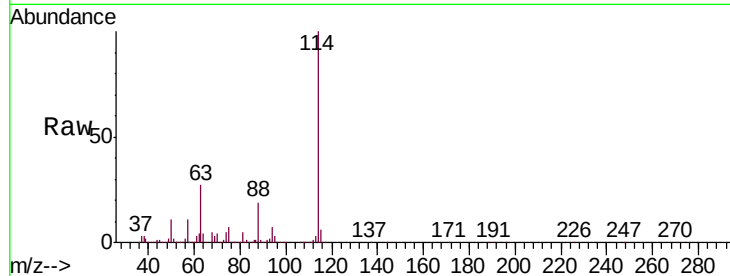
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.37 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: VL032320.D
 Acq: 27 Jul 2018 15:39

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DUP

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.4	33.6
88	18.9	15.3	22.9

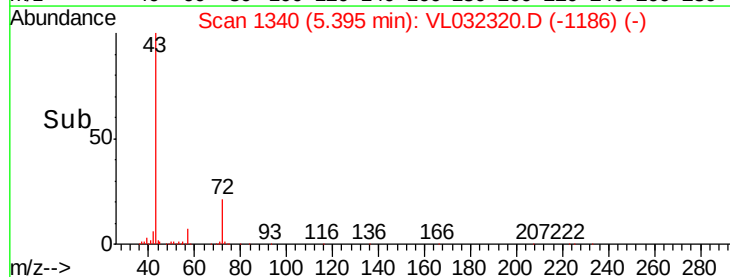
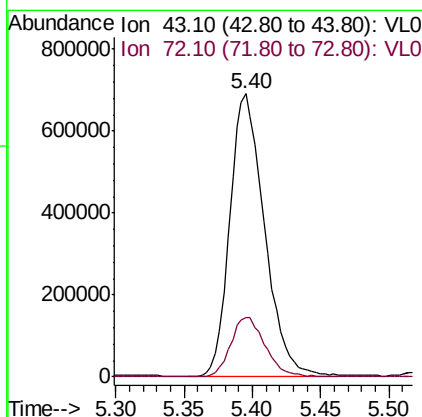
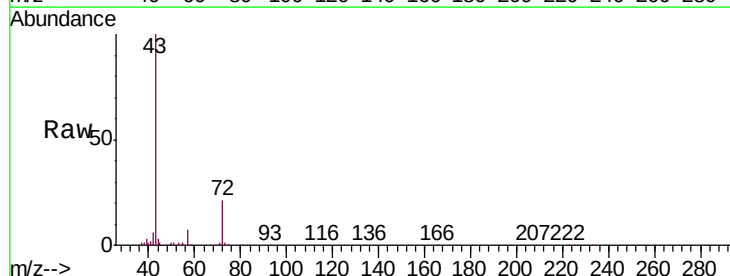
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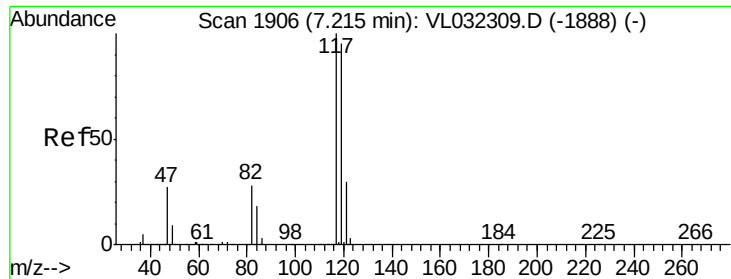
MMDadoda
 7/30/2018 11:43:08 AM



#34
 2-Butanone
 Concen: 6.06 ppbv
 RT: 5.40 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VL032320.D
 Acq: 27 Jul 2018 15:39

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.0	17.4	26.2





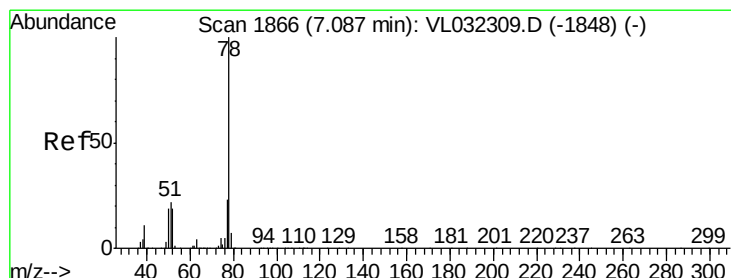
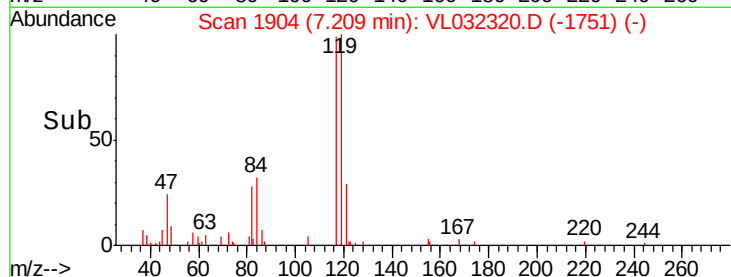
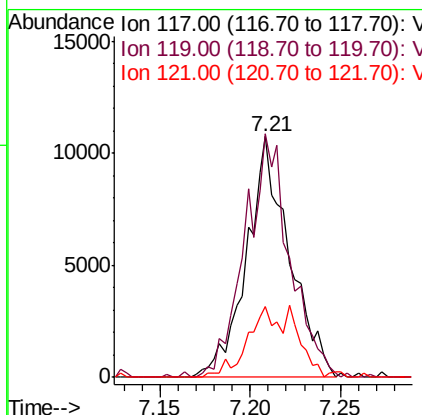
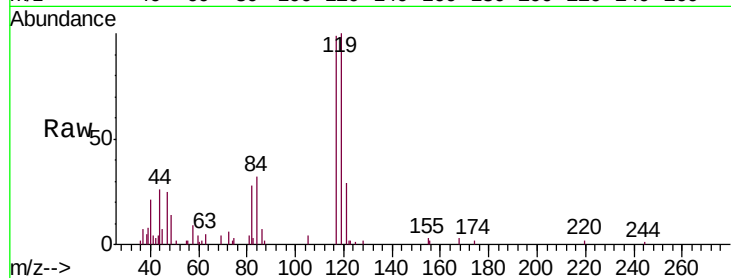
#35
Carbon Tetrachloride
Concen: 0.10 ppbv m
RT: 7.21 min Scan# 1904
Delta R.T. -0.01 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Instrument :
MSVOA_L
ClientSampled :
SG-2DUP

Tot Ion	Ratio	Lower	Upper
117	100		
119	101.2	76.1	114.1
121	29.5	24.4	36.6

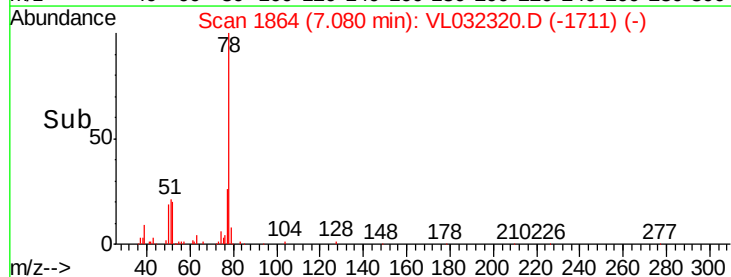
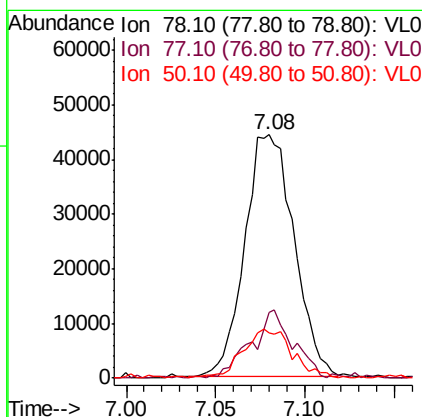
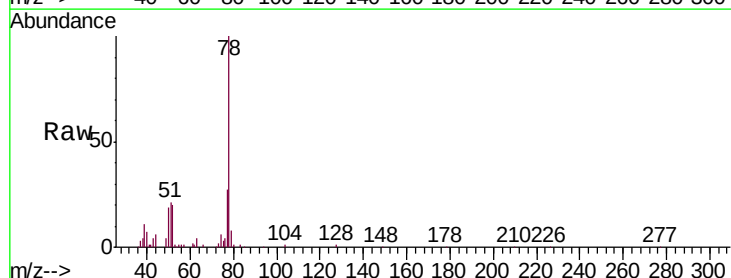
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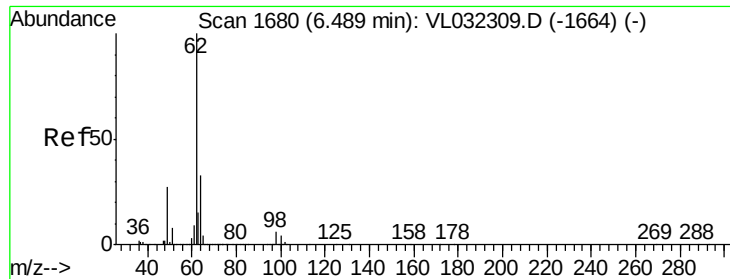
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#36
Benzene
Concen: 0.31 ppbv
RT: 7.08 min Scan# 1864
Delta R.T. -0.01 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.2	18.4	27.6
50	18.4	15.3	22.9





#37

1,2-Dichloroethane

Concen: 0.21 ppbv

RT: 6.49 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VL032320.D

Acq: 27 Jul 2018 15:39

Instrument :

MSVOA_L

ClientSampleId :

SG-2DUP

Tot Ion: 62 Resp: 32381

Ion Ratio Lower Upper

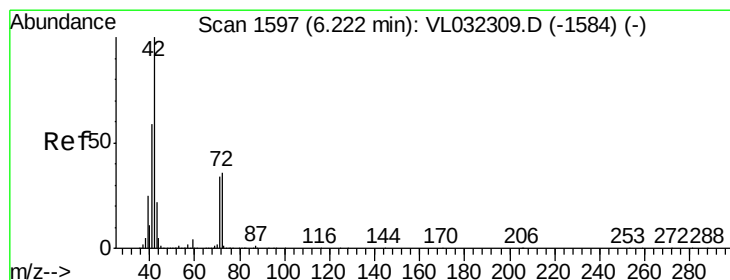
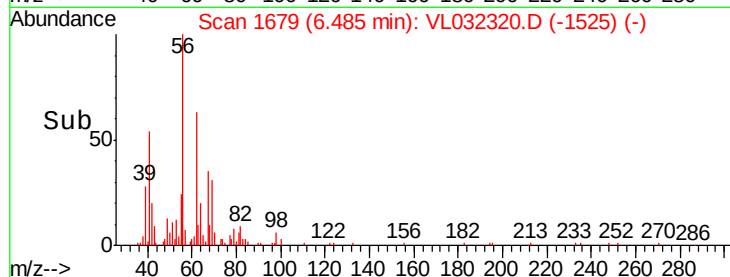
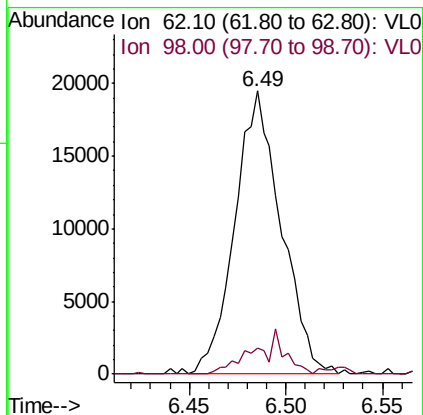
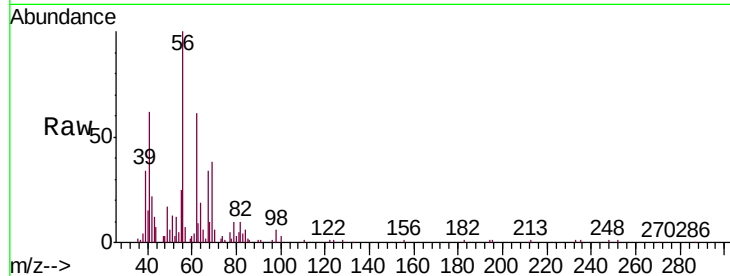
62 100

98 11.6 5.1 7.7#

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7/30/2018 11:43:08 AM



#41

Tetrahydrofuran

Concen: 0.14 ppbv m

RT: 6.23 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VL032320.D

Acq: 27 Jul 2018 15:39

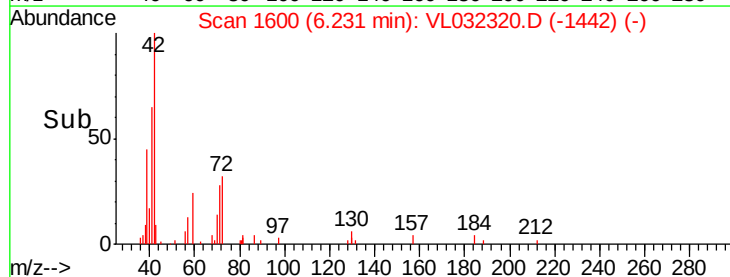
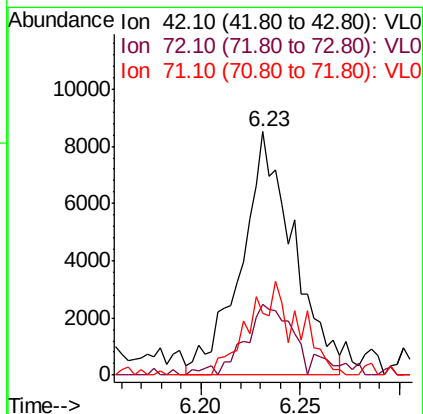
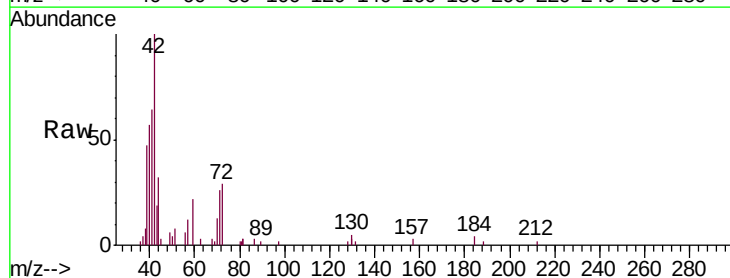
Tgt Ion: 42 Resp: 15503

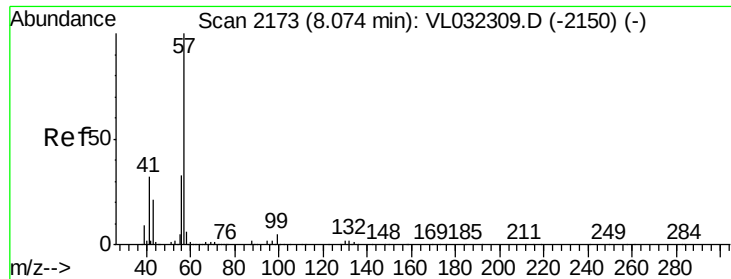
Ion Ratio Lower Upper

42 100

72 0.0 28.6 42.8#

71 0.0 27.8 41.6#





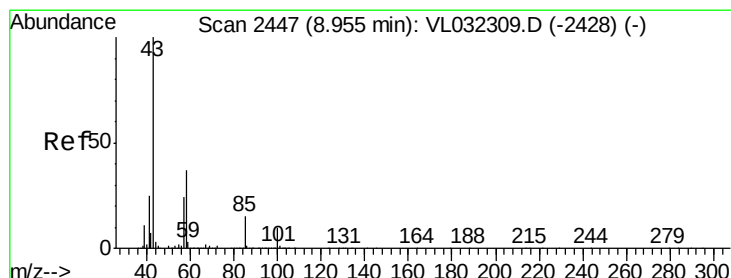
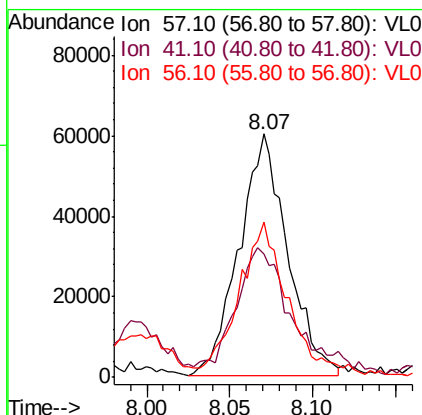
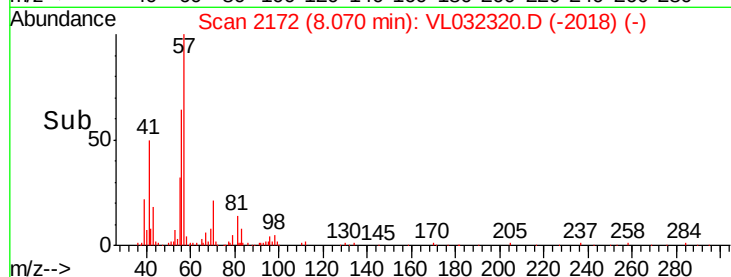
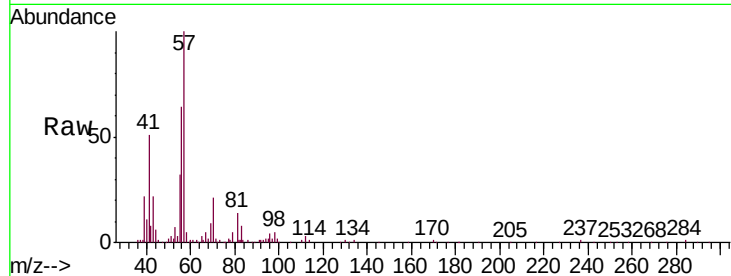
#44
 2,2,4-Trimethylpentane
 Concen: 0.20 ppbv
 RT: 8.07 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VL032320.D
 Acq: 27 Jul 2018 15:39

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DUP

Tot Ion	Ratio	Lower	Upper
57	100		
41	57.5	24.3	36.5#
56	66.2	25.4	38.2#

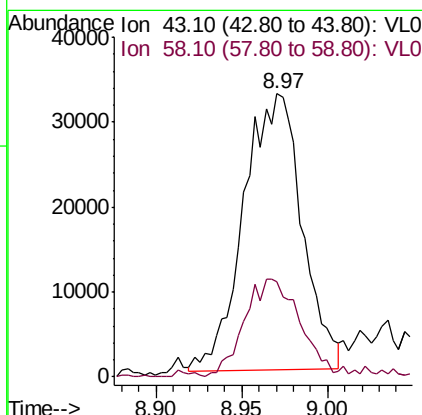
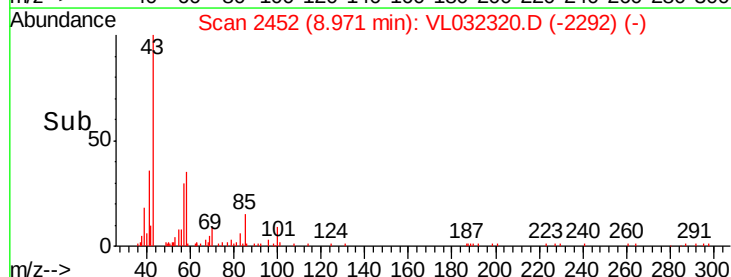
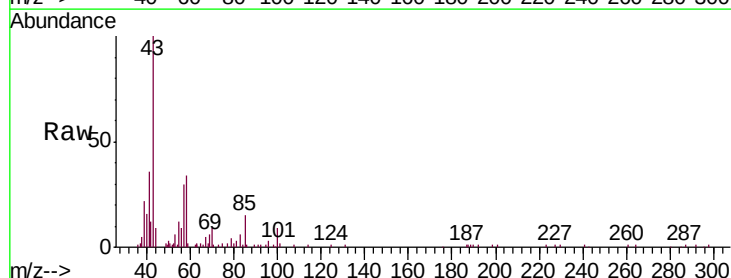
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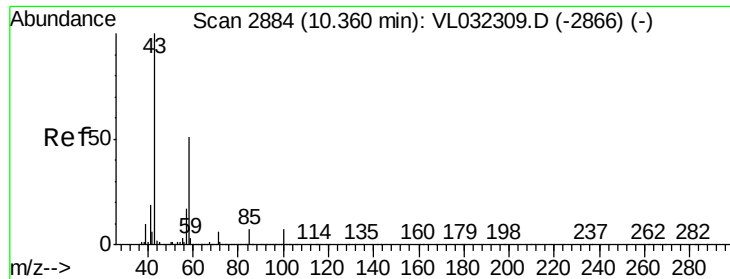
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#50
 4-Methyl-2-Pentanone
 Concen: 0.22 ppbv
 RT: 8.97 min Scan# 2452
 Delta R.T. 0.02 min
 Lab File: VL032320.D
 Acq: 27 Jul 2018 15:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.9	43.3





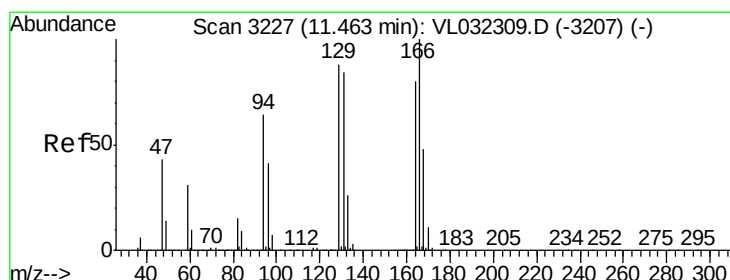
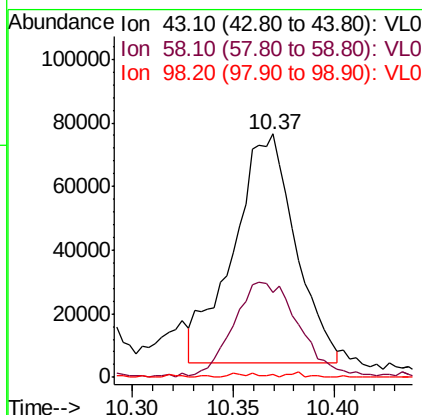
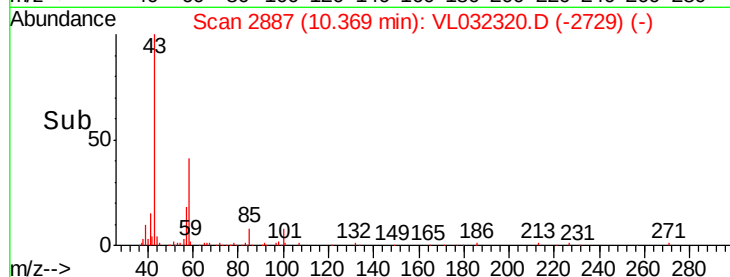
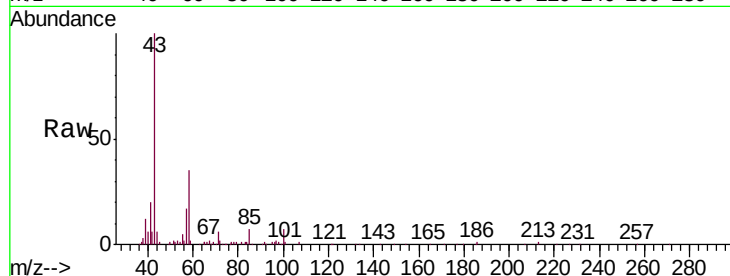
#51
2-Hexanone
Concen: 0.57 ppbv m
RT: 10.37 min Scan# 2887
Delta R.T. 0.01 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Instrument :
MSVOA_L
ClientSampled :
SG-2DUP

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.5	39.1	58.7
98	0.0	0.3	0.5#

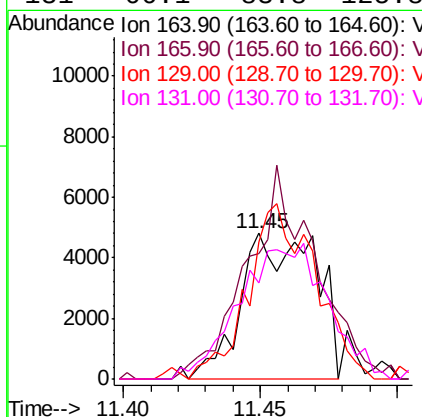
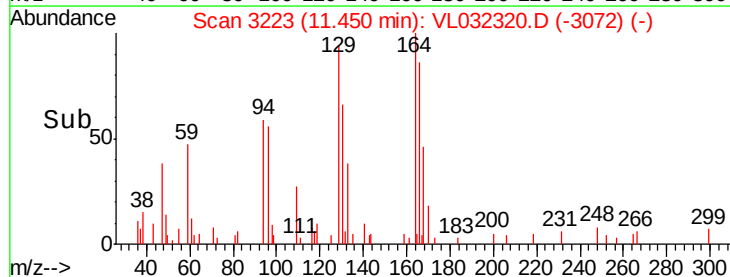
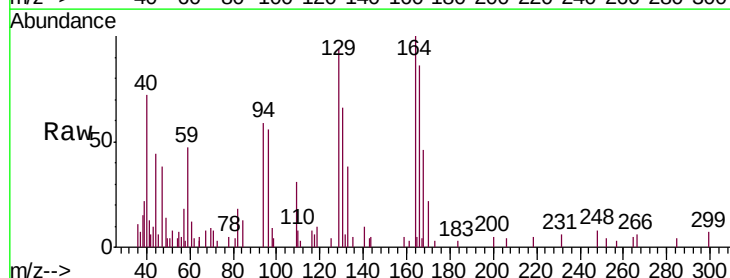
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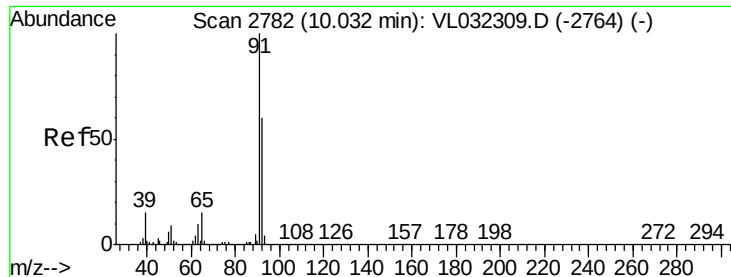
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#52
Tetrachloroethene
Concen: 0.10 ppbv m
RT: 11.45 min Scan# 3223
Delta R.T. -0.01 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	86.0	100.0	150.0#
129	94.0	87.9	131.9
131	66.1	83.8	125.8#





#53

Toluene

Concen: 3.97 ppbv

RT: 10.03 min Scan# 2782

Delta R.T. -0.00 min

Lab File: VL032320.D

Acq: 27 Jul 2018 15:39

Instrument :

MSVOA_L

ClientSampleId :

SG-2DUP

Tot Ion: 91 Resp: 1295107

Ion Ratio Lower Upper

91 100

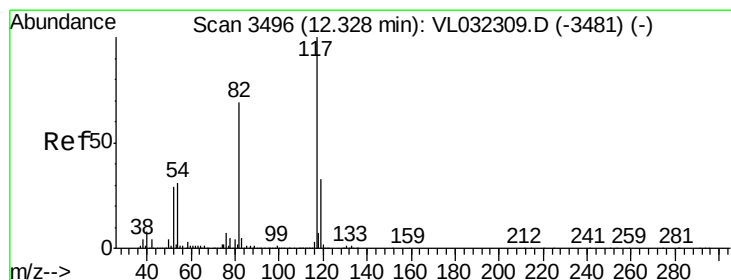
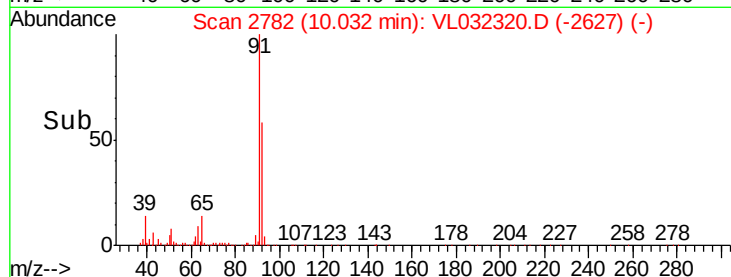
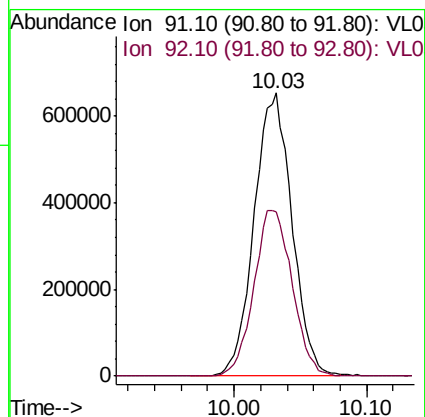
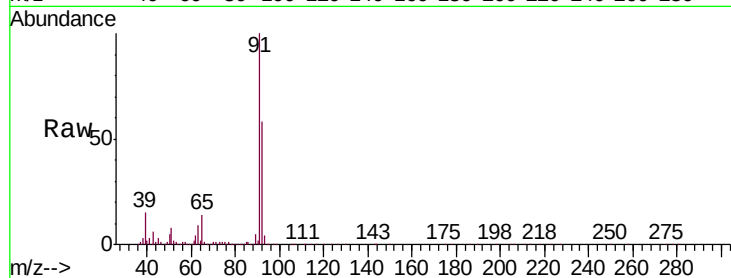
92 59.4 48.6 72.8

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#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.32 min Scan# 3495

Delta R.T. -0.00 min

Lab File: VL032320.D

Acq: 27 Jul 2018 15:39

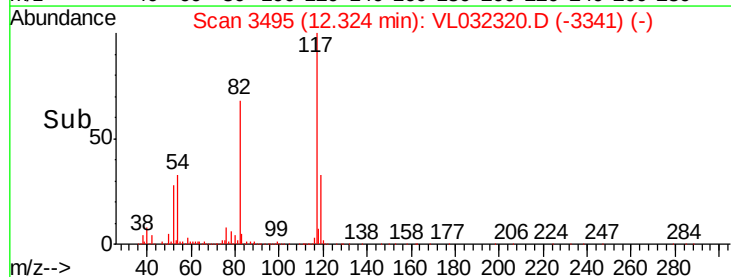
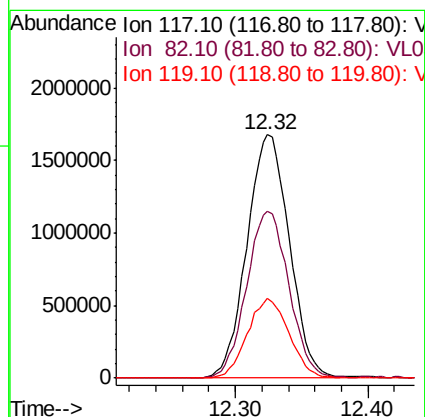
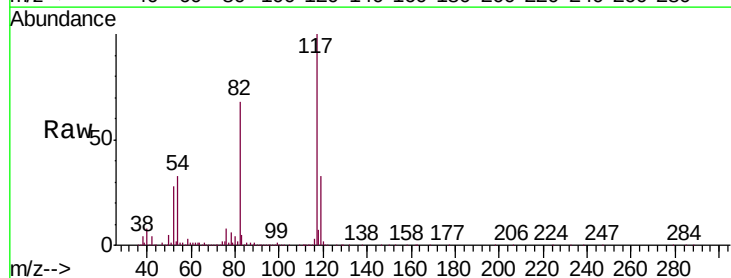
Tgt Ion: 117 Resp: 3730191

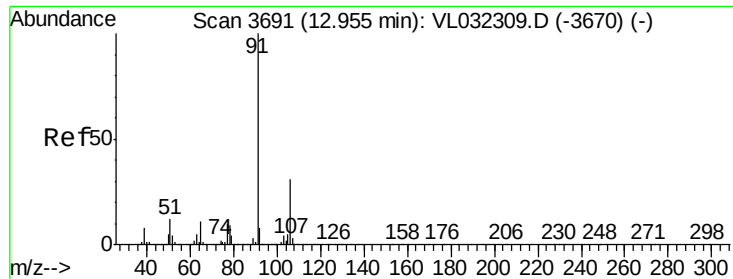
Ion Ratio Lower Upper

117 100

82 68.4 52.6 78.8

119 32.3 25.7 38.5





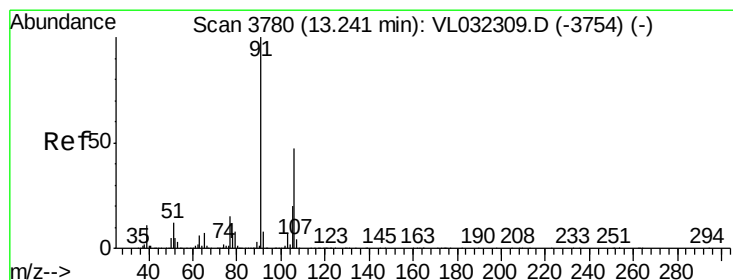
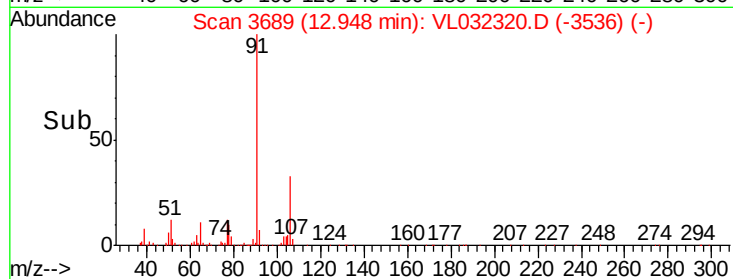
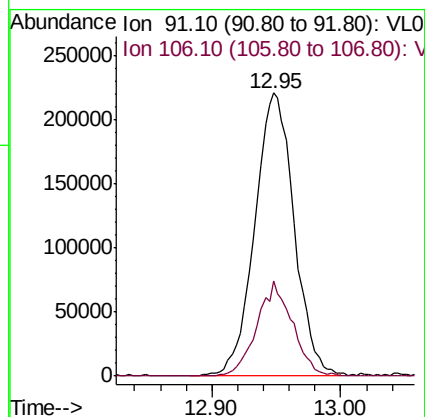
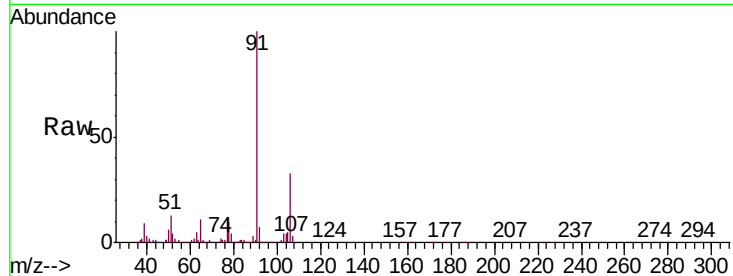
#58
Ethyl Benzene
Concen: 1.00 ppbv
RT: 12.95 min Scan# 3689
Delta R.T. -0.01 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Instrument :
MSVOA_L
ClientSampled :
SG-2DUP

Tot Ion	Ratio	Lower	Upper
91	100		
106	33.4	25.0	37.4

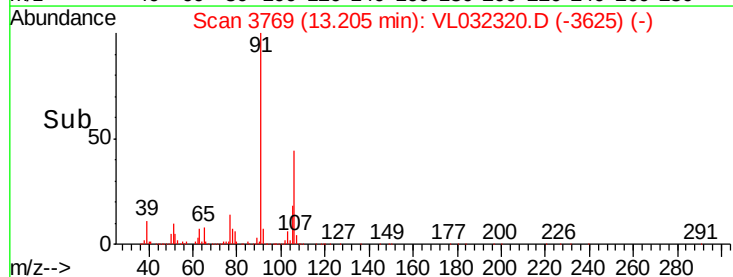
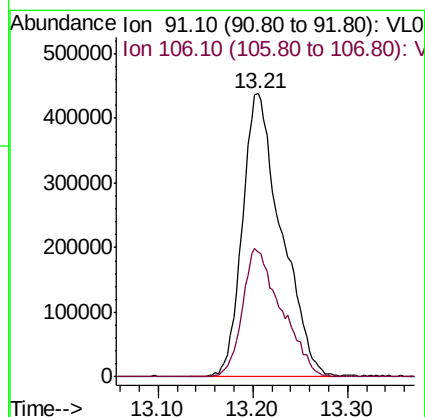
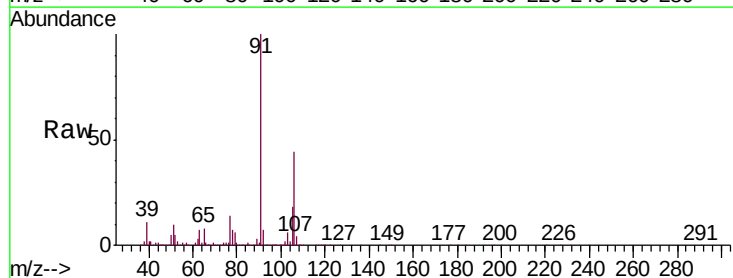
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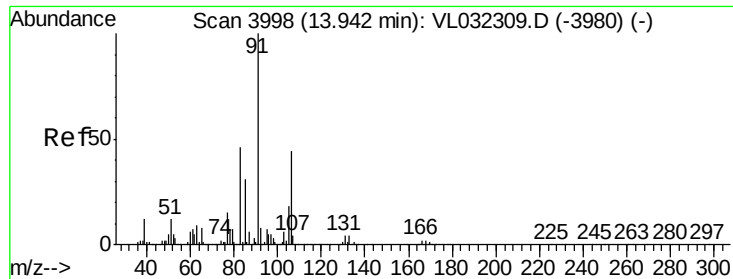
MMDadoda
7/30/2018 11:43:08 AM



#59
m/p-Xylene
Concen: 3.15 ppbv
RT: 13.21 min Scan# 3769
Delta R.T. -0.04 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	45.3	36.4	54.6





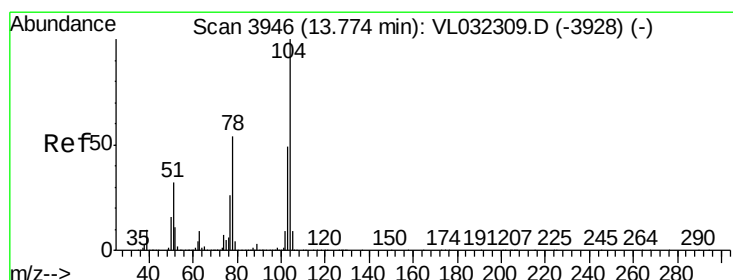
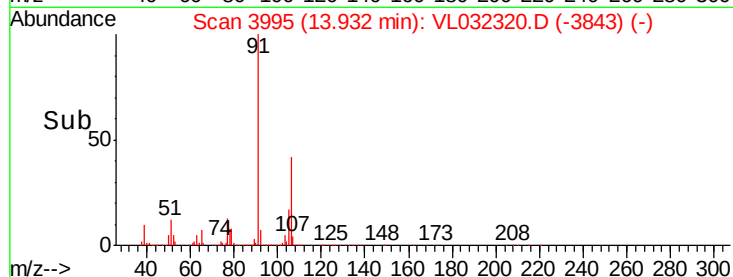
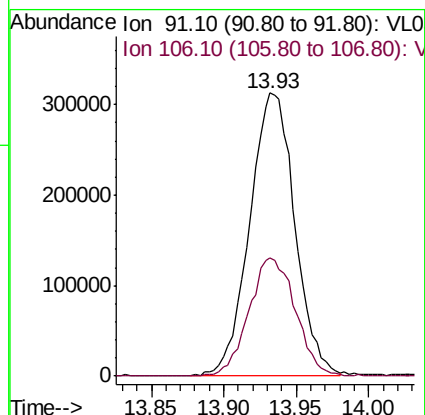
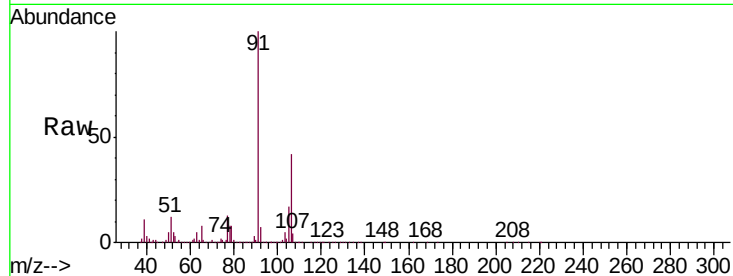
#60
o-Xylene
Concen: 1.73 ppbv
RT: 13.93 min Scan# 3995
Delta R.T. -0.01 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Instrument :
MSVOA_L
ClientSampled :
SG-2DUP

Tot Ion: 91 Resp: 674681
Ion Ratio Lower Upper
91 100
106 43.4 22.4 67.0

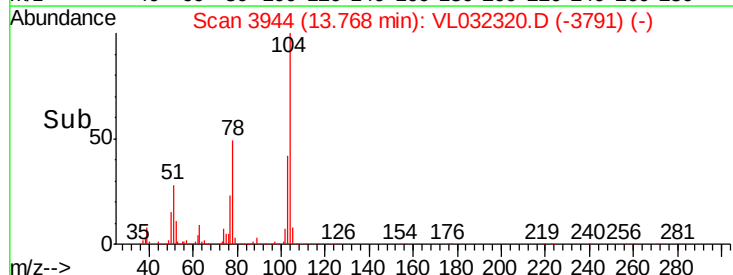
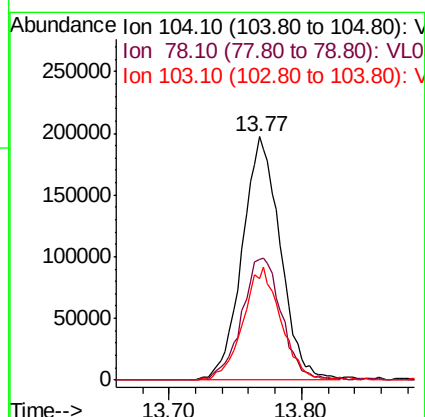
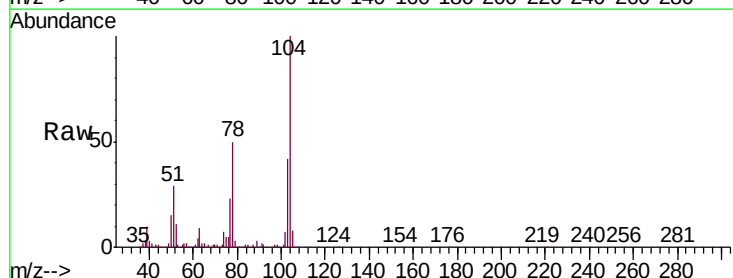
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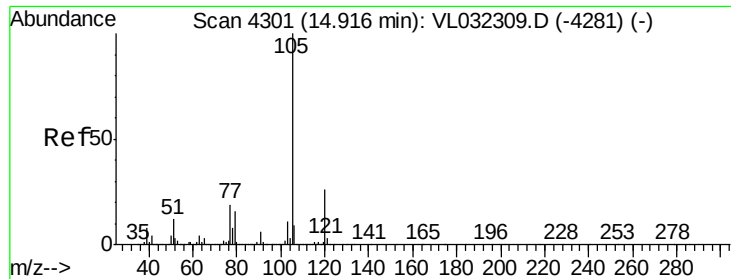
MMDadoda
7/30/2018 11:43:08 AM



#61
Styrene
Concen: 1.37 ppbv
RT: 13.77 min Scan# 3944
Delta R.T. -0.01 min
Lab File: VL032320.D
Acq: 27 Jul 2018 15:39

Tgt Ion: 104 Resp: 393762
Ion Ratio Lower Upper
104 100
78 52.2 42.6 63.8
103 46.6 38.0 57.0





#62

Isopropylbenzene

Concen: 0.20 ppbv

RT: 14.91 min Scan# 4300

Delta R.T. -0.00 min

Lab File: VL032320.D

Acq: 27 Jul 2018 15:39

Instrument :

MSVOA_L

ClientSampleId :

SG-2DUP

Tot Ion: 105 Resp: 113537

Ion Ratio Lower Upper

105 100

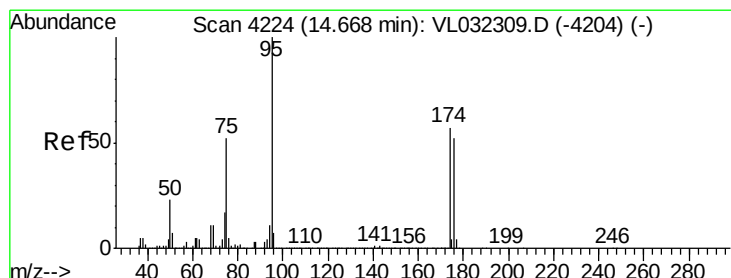
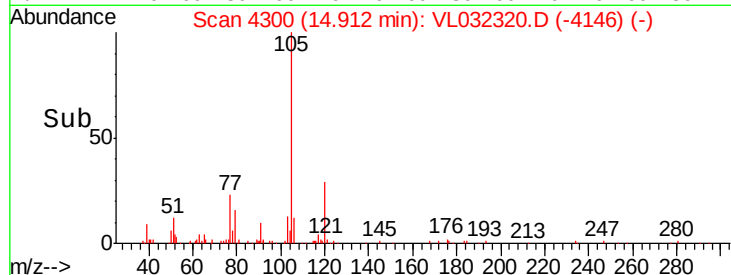
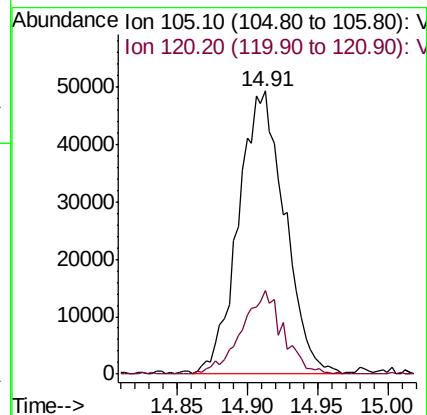
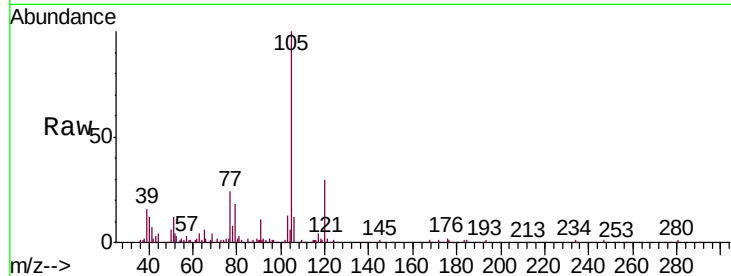
120 26.4 20.4 30.6

Manual Integrations

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.16 ppbv

RT: 14.66 min Scan# 4221

Delta R.T. -0.01 min

Lab File: VL032320.D

Acq: 27 Jul 2018 15:39

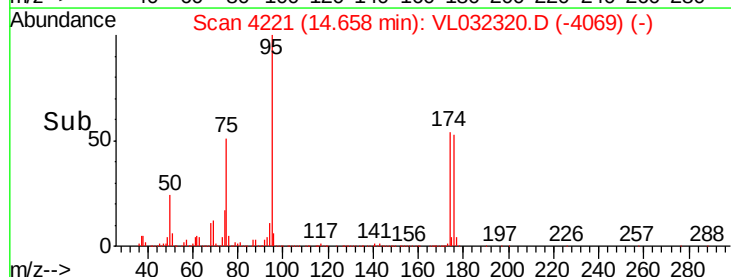
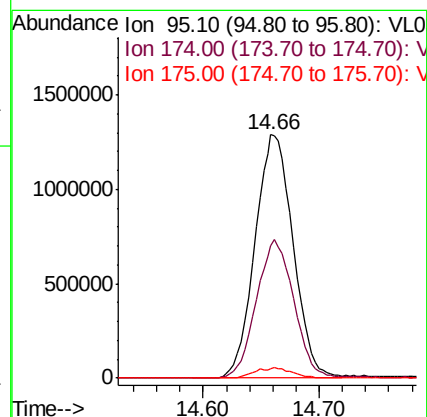
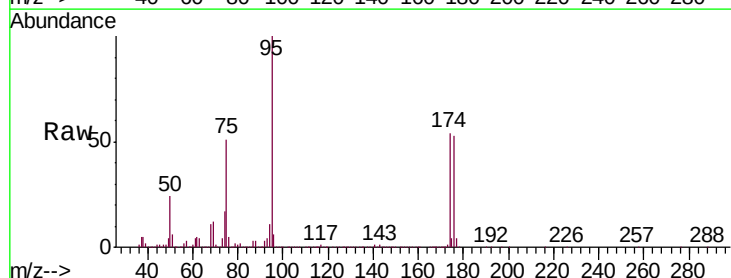
Tgt Ion: 95 Resp: 2942372

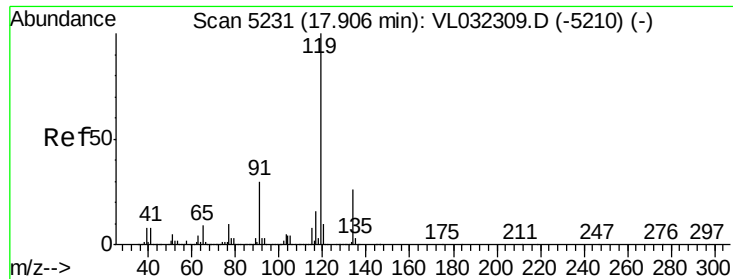
Ion Ratio Lower Upper

95 100

174 56.4 45.5 68.3

175 4.2 3.3 4.9





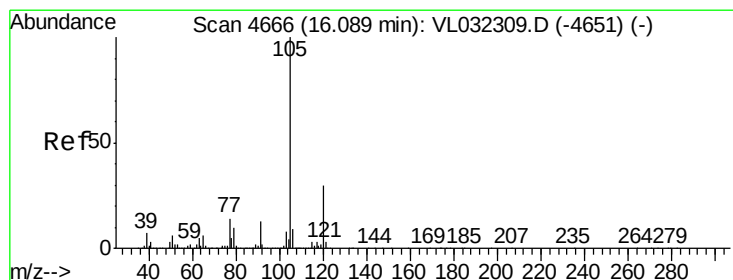
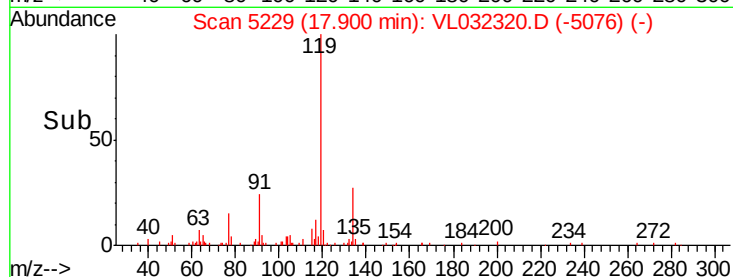
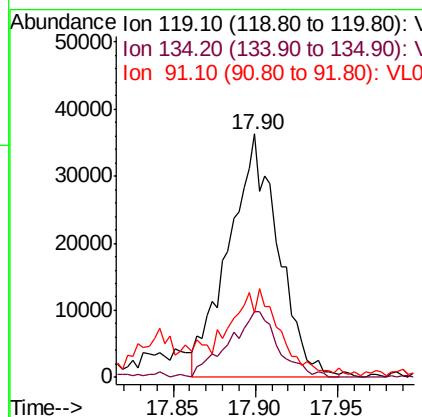
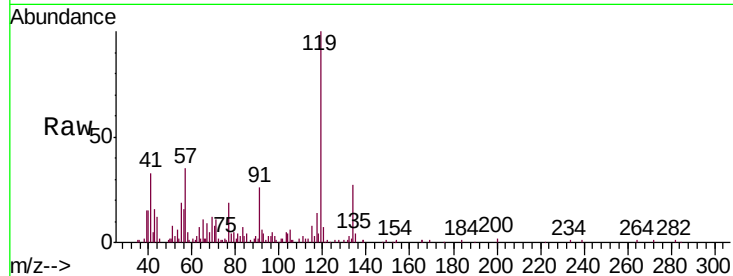
#69
 p-Isopropyltoluene
 Concen: 0.14 ppbv m
 RT: 17.90 min Scan# 5229
 Delta R.T. -0.01 min
 Lab File: VL032320.D
 Acq: 27 Jul 2018 15:39

Instrument :
 MSVOA_L
 ClientSampled :
 SG-2DUP

Tot Ion	Ratio	Resp Lower	Upper
119	100		
134	0.0	20.3	30.5#
91	0.0	23.8	35.6#

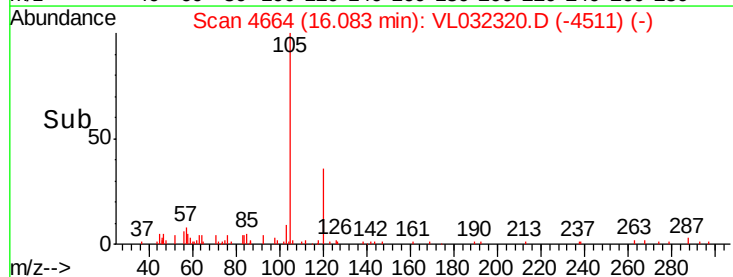
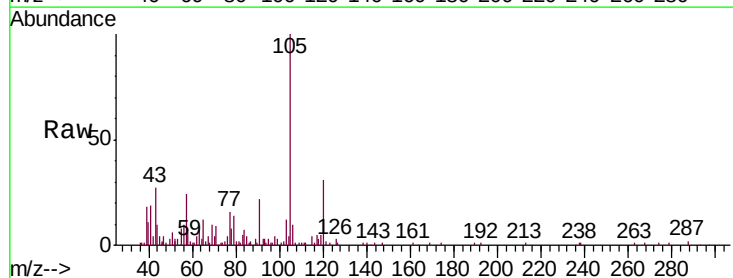
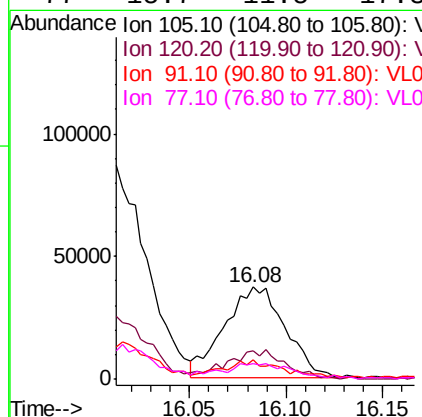
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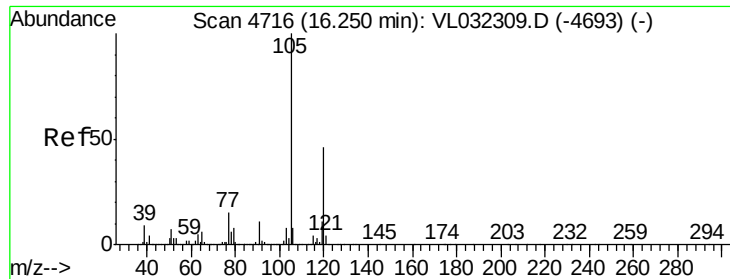
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 7/30/2018 11:43:08 AM



#72
 4-Ethyltoluene
 Concen: 0.18 ppbv
 RT: 16.08 min Scan# 4664
 Delta R.T. -0.01 min
 Lab File: VL032320.D
 Acq: 27 Jul 2018 15:39

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
120	31.9	23.1	34.7
91	16.2	10.0	15.0#
77	15.7	11.5	17.3





#73

1,3,5-Trimethylbenzene

Concen: 0.22 ppbv m

RT: 16.25 min Scan# 4715

Delta R.T. -0.00 min

Lab File: VL032320.D

Acq: 27 Jul 2018 15:39

Instrument :

MSVOA_L

ClientSampleId :

SG-2DUP

Tot Ion:105 Resp: 94978

Ion Ratio Lower Upper

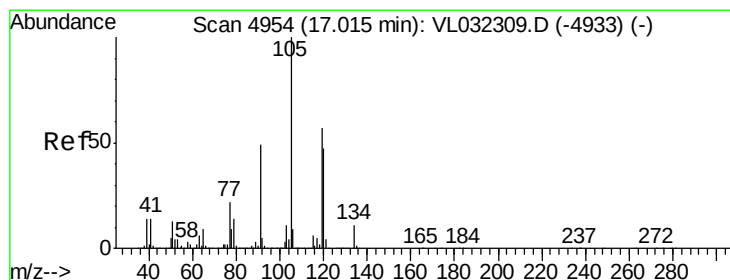
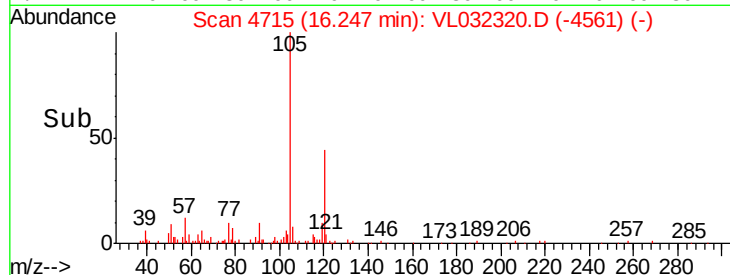
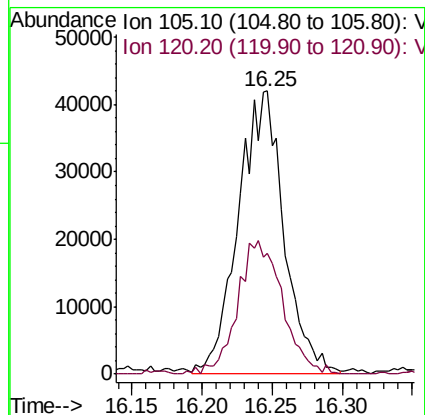
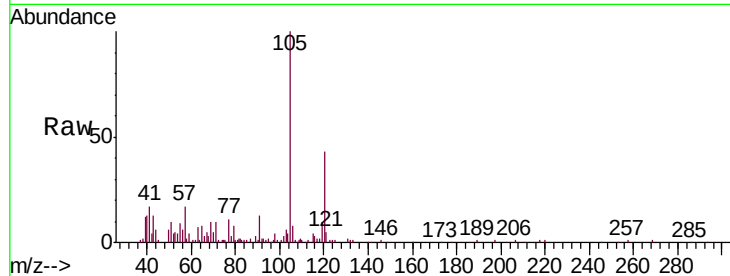
105 100

120 42.9 36.5 54.7

Manual Integrations
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#74

1,2,4-Trimethylbenzene

Concen: 0.62 ppbv

RT: 17.01 min Scan# 4952

Delta R.T. -0.01 min

Lab File: VL032320.D

Acq: 27 Jul 2018 15:39

Tgt Ion:105 Resp: 279441

Ion Ratio Lower Upper

105 100

120 45.3 37.8 56.6

91 12.2 39.4 59.0#

77 12.9 17.6 26.4#

