

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033921.D
 Acq On : 14 Jun 2019 6:48
 Operator : SY/AP
 Sample : K3295-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V1

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 12:37:37 AM

Quant Time: Jun 16 18:15:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	923460	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2218962	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2496031	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1893118	9.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	86697	0.579	ppbv	94
3) Chlorodifluoromethane	3.01	51	50850m	0.468	ppbv	
4) Chloromethane	3.16	50	14107	0.227	ppbv #	86
9) Propene	3.03	41	1571592	38.635	ppbv	93
10) Heptane	8.24	43	802722	7.807	ppbv #	70
11) Trichlorofluoromethane	4.00	101	59854	0.310	ppbv	91
13) Ethanol	3.65	45	890835	67.309	ppbv	97
15) Acetone	3.89	43	18386541	136.517	ppbv #	66
17) tert-Butyl alcohol	4.36	59	1095101	10.401	ppbv	97
19) Isopropyl Alcohol	4.02	45	646308	8.400	ppbv #	94
26) Hexane	5.77	57	440636	4.718	ppbv #	34
27) Carbon Disulfide	4.61	76	847664	6.533	ppbv	99
29) Chloroform	5.85	83	20594	0.129	ppbv	98
30) Cyclohexane	7.23	84	110569	1.676	ppbv #	90
34) 2-Butanone	5.32	43	6902604	55.141	ppbv	97
35) Carbon Tetrachloride	7.13	117	12042m	0.070	ppbv	
36) Benzene	7.00	78	614351	3.624	ppbv	96
38) Trichloroethene	7.95	130	79978	1.212	ppbv	97
44) 2,2,4-Trimethylpentane	7.98	57	1059573	3.515	ppbv #	84
50) 4-Methyl-2-Pentanone	8.86	43	467980	2.507	ppbv	98
51) 2-Hexanone	10.25	43	2408010	16.519	ppbv #	98
52) Tetrachloroethene	11.36	164	912013	15.291	ppbv	95
53) Toluene	9.93	91	2514130	13.403	ppbv	98
58) Ethyl Benzene	12.85	91	742115	2.637	ppbv	99
59) m/p-Xylene	13.11	91	2390053	9.340	ppbv	99
60) o-Xylene	13.84	91	1034369	3.915	ppbv	99
61) Styrene	13.67	104	45458	0.266	ppbv #	89
62) Isopropylbenzene	14.81	105	87858	0.247	ppbv	99
72) 4-Ethyltoluene	15.99	105	501196m	1.667	ppbv	
73) 1,3,5-Trimethylbenzene	16.15	105	478887	1.617	ppbv	98
74) 1,2,4-Trimethylbenzene	16.92	105	1634951	4.790	ppbv #	75

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

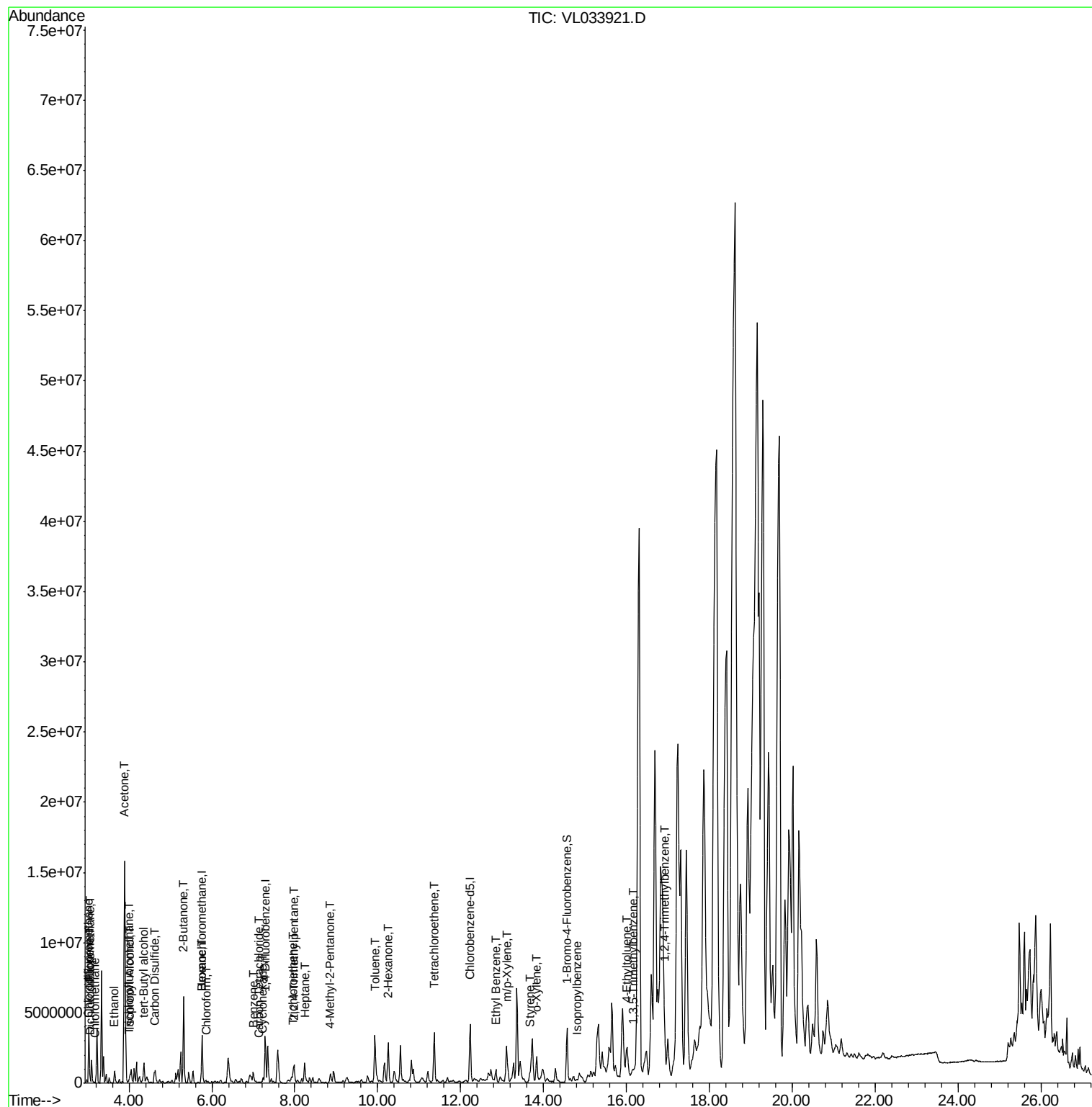
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL061319\
Data File : VL033921.D
Acq On : 14 Jun 2019 6:48
Operator : SY/AP
Sample : K3295-01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

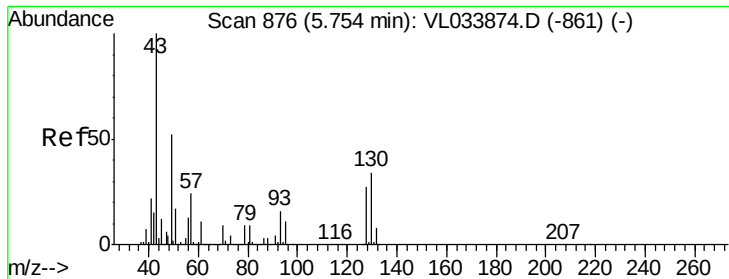
Instrument :
MSVOA_L
ClientSampleId :
V1

Manual Integrations
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6/17/2019 12:37:37 AM

Quant Time: Jun 16 18:15:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. 0.01 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

Instrument :

MSVOA_L

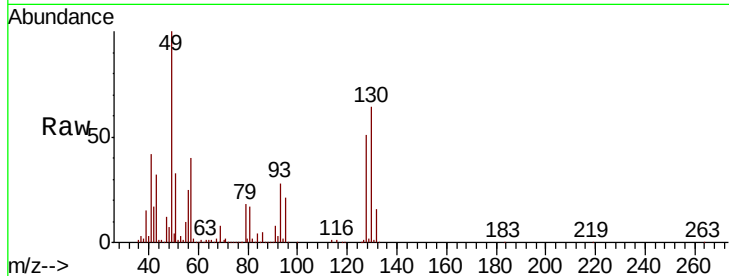
ClientSampled :

V1

Tot Ion	Ratio	Lower	Upper
49	100		
128	50.1	25.5	76.5
130	64.5	32.5	97.4

Manual Integrations
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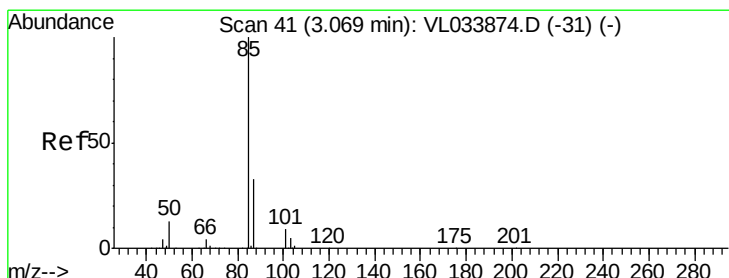
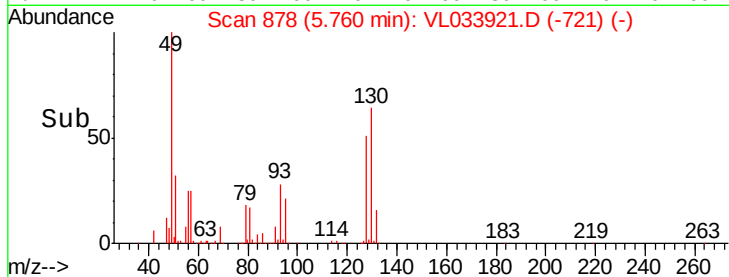
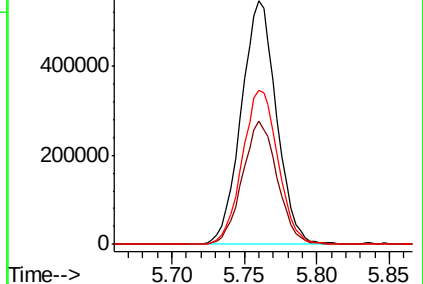
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.579 ppbv

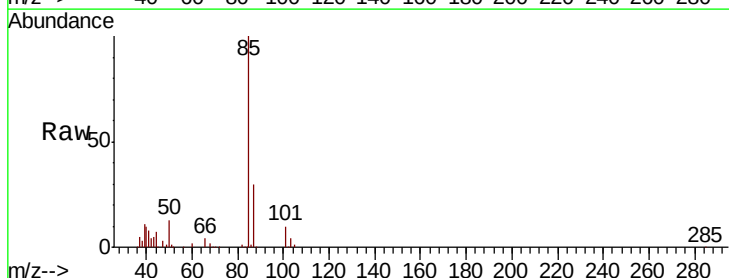
RT: 3.07 min Scan# 41

Delta R.T. -0.00 min

Lab File: VL033921.D

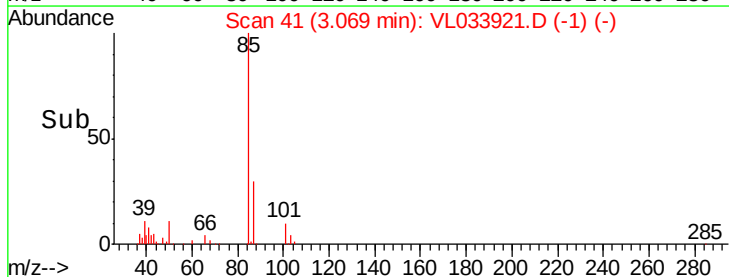
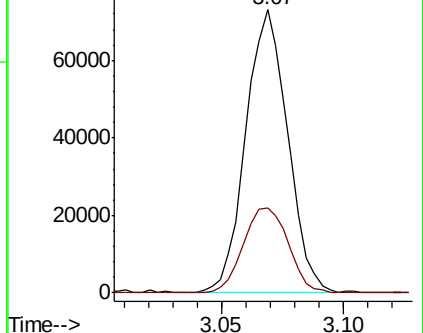
Acq: 14 Jun 2019 6:48

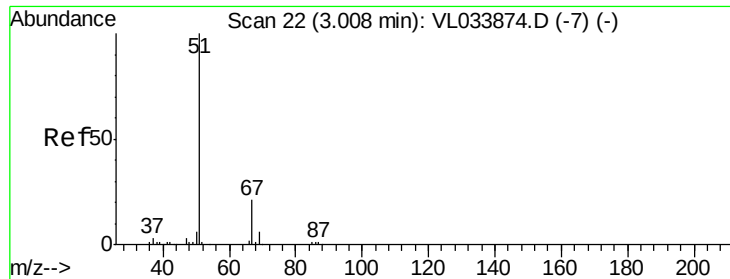
Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.8	26.6	40.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.468 ppbv

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

Instrument :

MSVOA_L

ClientSampled :

V1

Tot Ion: 51 Resp: 50850

Ion Ratio Lower Upper

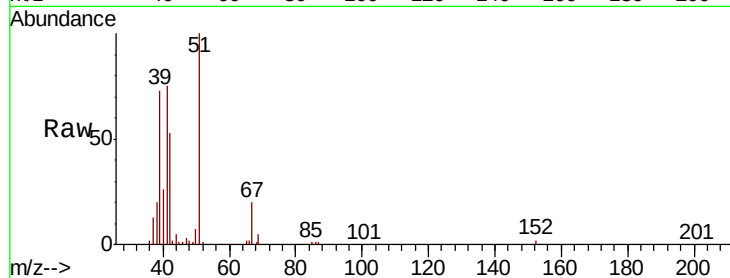
51 100

67 22.8 16.4 24.6

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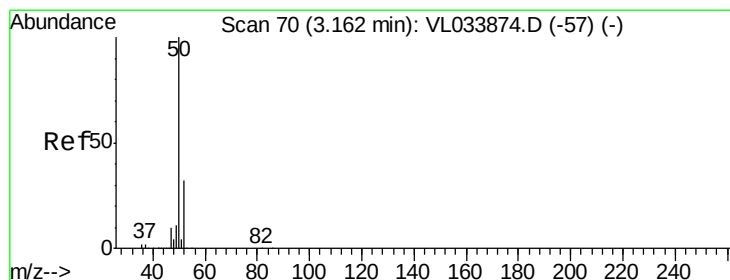
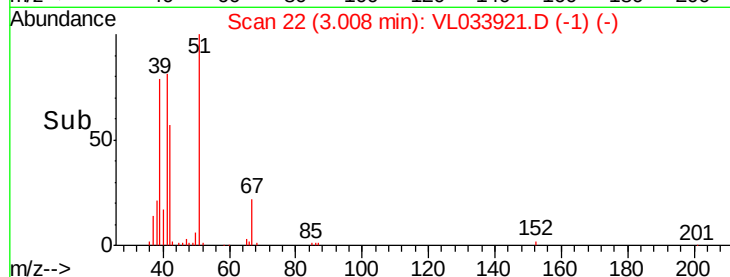
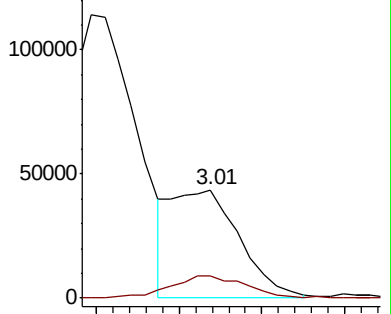
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.227 ppbv

RT: 3.16 min Scan# 70

Delta R.T. -0.00 min

Lab File: VL033921.D

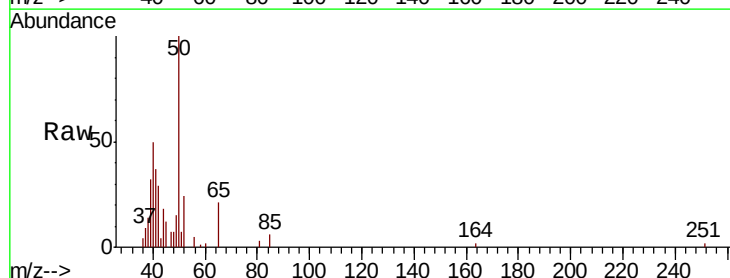
Acq: 14 Jun 2019 6:48

Tgt Ion: 50 Resp: 14107

Ion Ratio Lower Upper

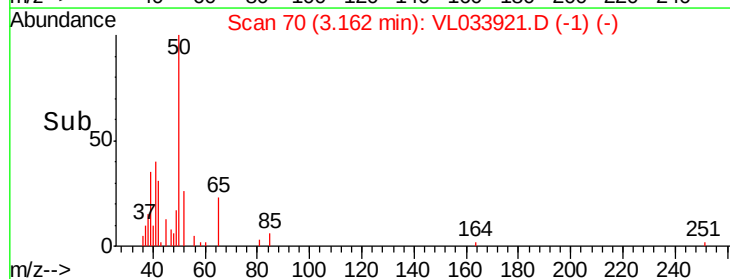
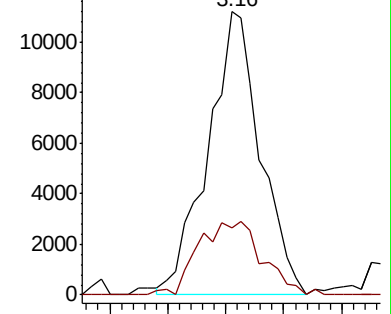
50 100

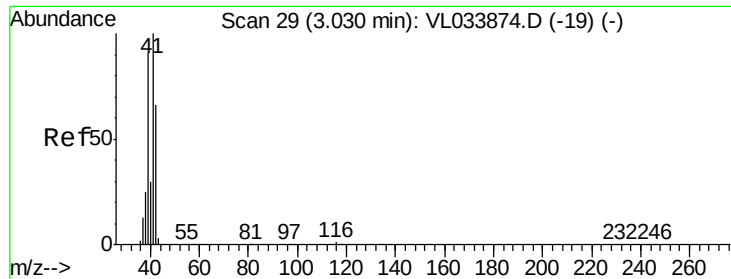
52 23.8 25.4 38.0#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 38.635 ppbv

RT: 3.03 min Scan# 29

Delta R.T. -0.00 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

Instrument :

MSVOA_L

ClientSampleId :

V1

Tot Ion: 41 Resp: 1571592

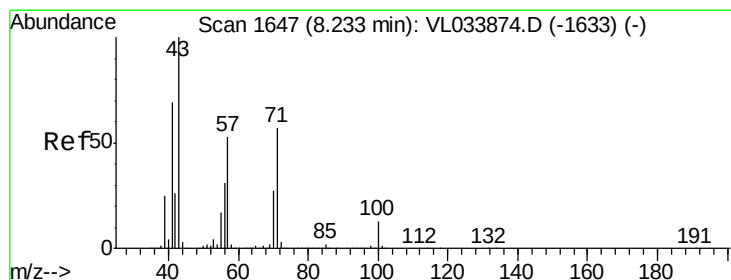
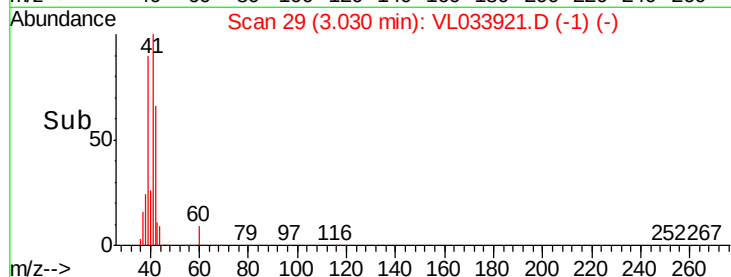
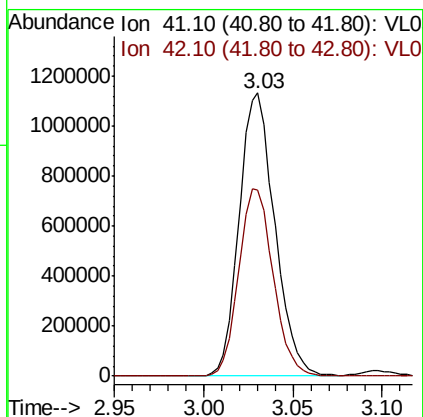
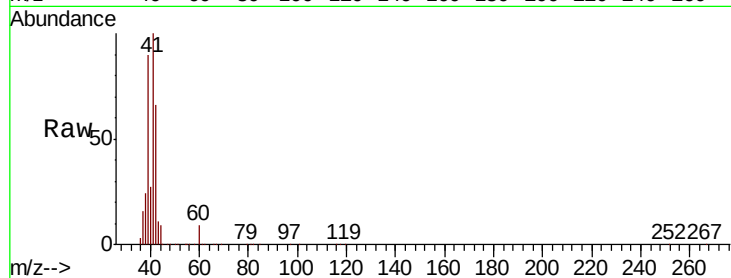
Ion Ratio Lower Upper

41 100

42 64.3 56.3 84.5

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#10

Heptane

Concen: 7.807 ppbv

RT: 8.24 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VL033921.D

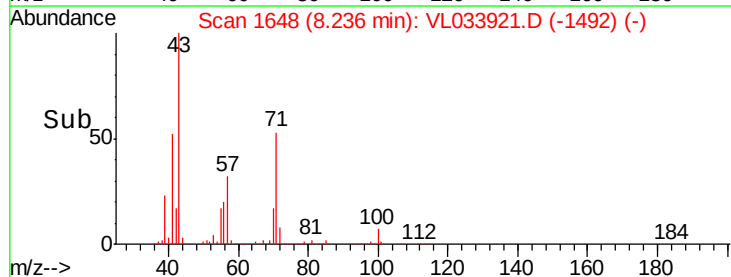
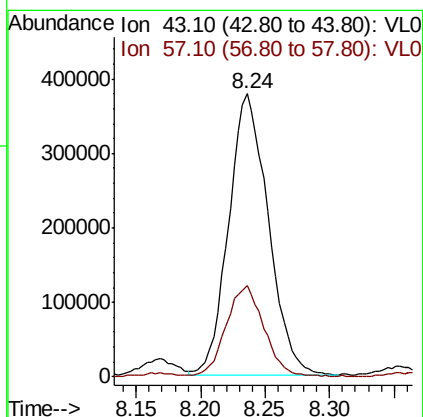
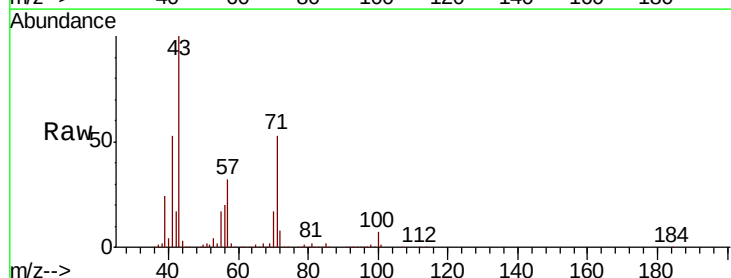
Acq: 14 Jun 2019 6:48

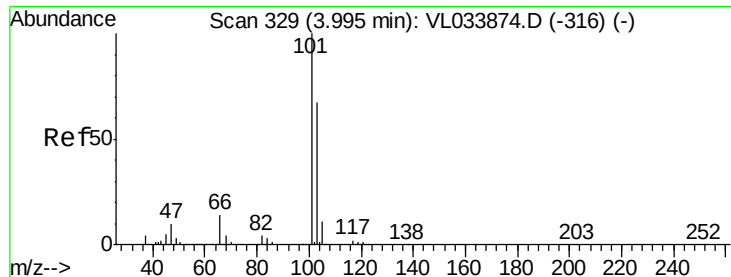
Tgt Ion: 43 Resp: 802722

Ion Ratio Lower Upper

43 100

57 31.2 41.7 62.5#





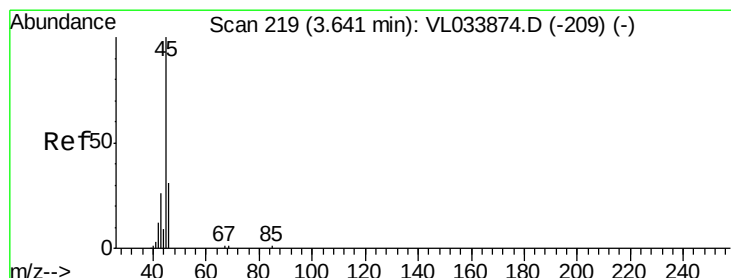
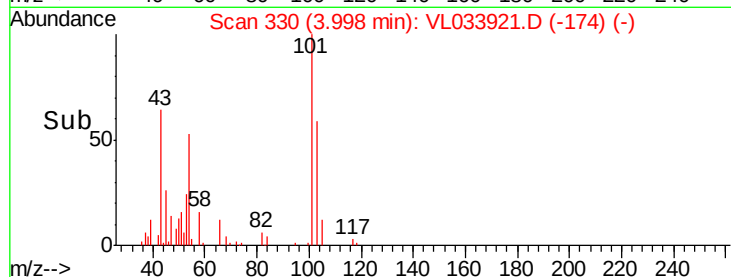
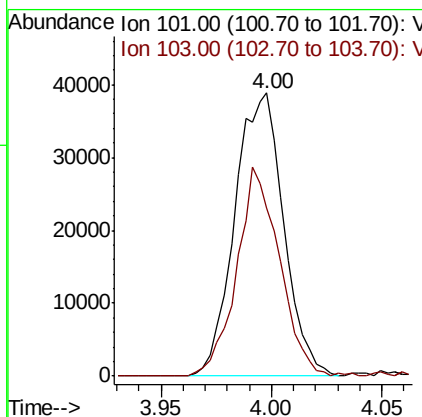
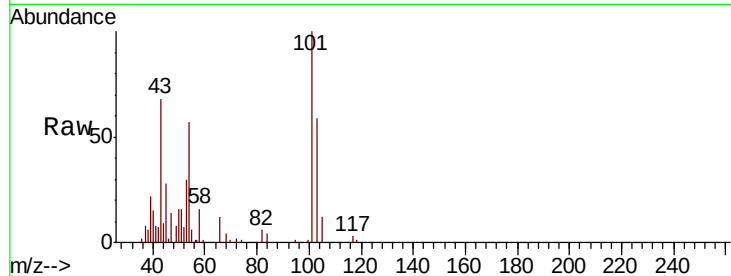
#11
 Trichlorofluoromethane
 Concen: 0.310 ppbv
 RT: 4.00 min Scan# 330
 Delta R.T. 0.00 min
 Lab File: VL033921.D
 Acq: 14 Jun 2019 6:48

Instrument :
 MSVOA_L
 ClientSampleId :
 V1

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.5	53.6	80.4

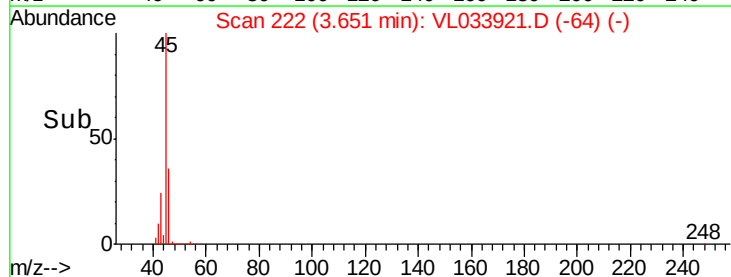
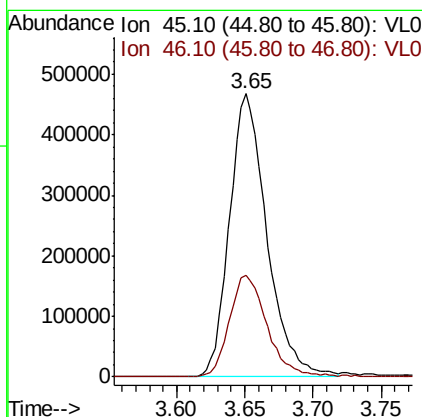
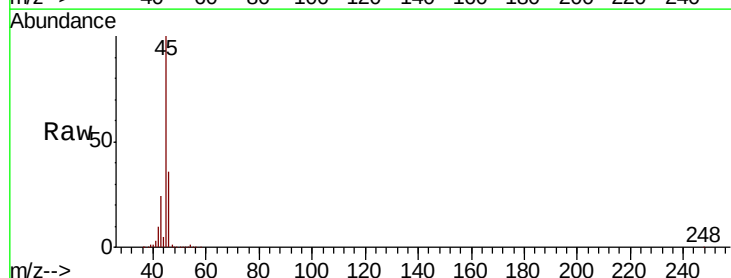
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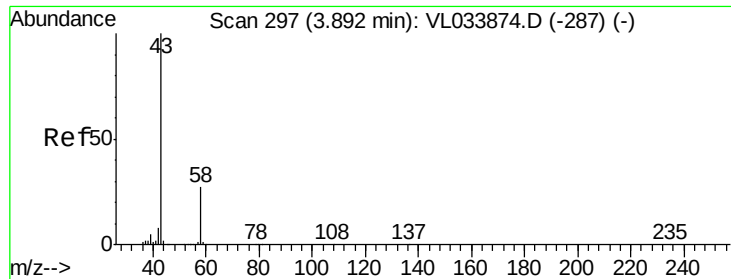
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#13
 Ethanol
 Concen: 67.309 ppbv
 RT: 3.65 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VL033921.D
 Acq: 14 Jun 2019 6:48

Tgt Ion	Ratio	Lower	Upper
45	100		
46	36.4	15.3	61.1





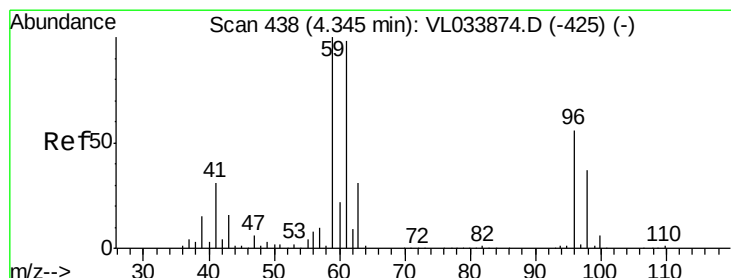
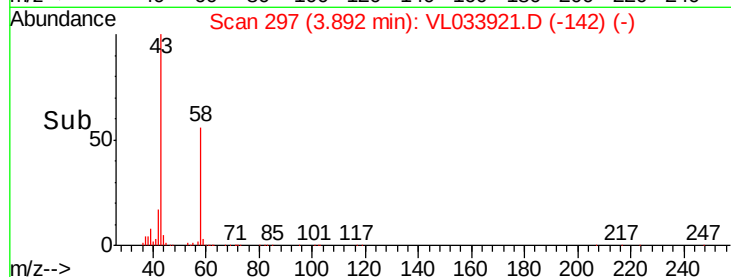
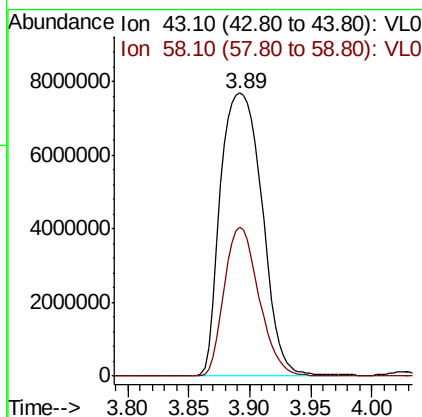
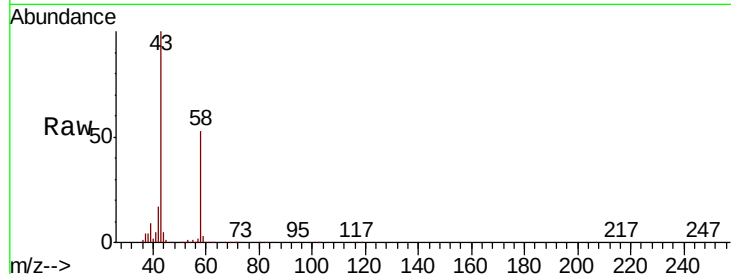
#15
Acetone
Concen: 136.517 ppbv
RT: 3.89 min Scan# 297
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampled :
V1

Tot Ion: 43 Resp:18386541
Ion Ratio Lower Upper
43 100
58 44.2 21.3 31.9#

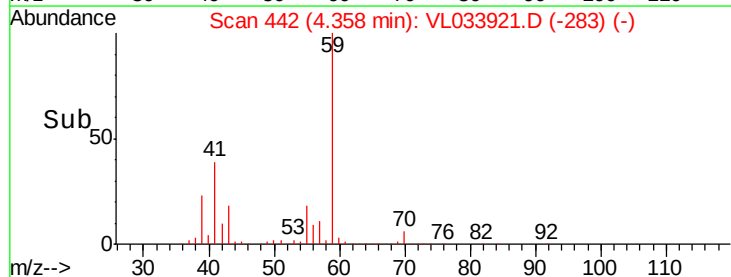
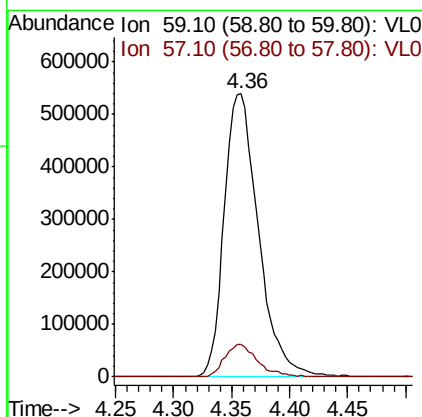
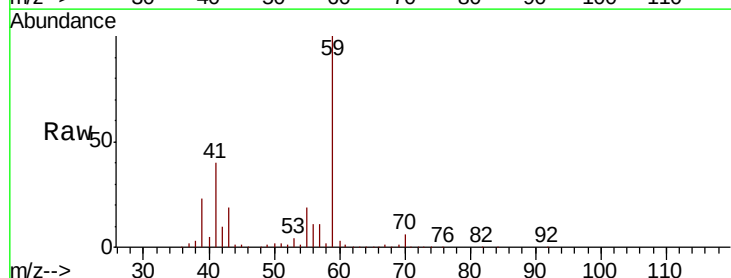
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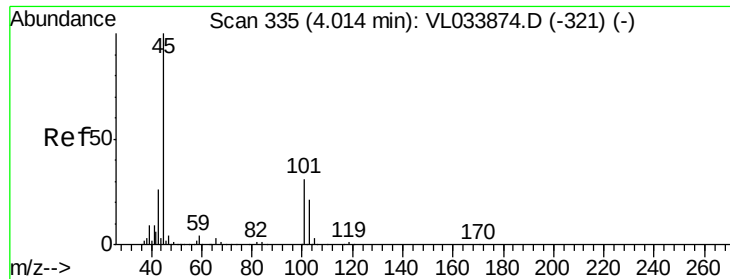
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#17
tert-Butyl alcohol
Concen: 10.401 ppbv
RT: 4.36 min Scan# 442
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 59 Resp: 1095101
Ion Ratio Lower Upper
59 100
57 11.5 8.4 12.6





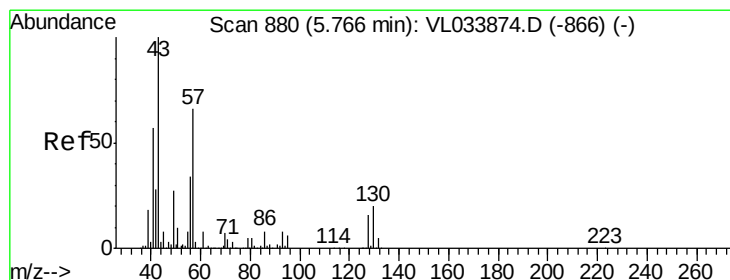
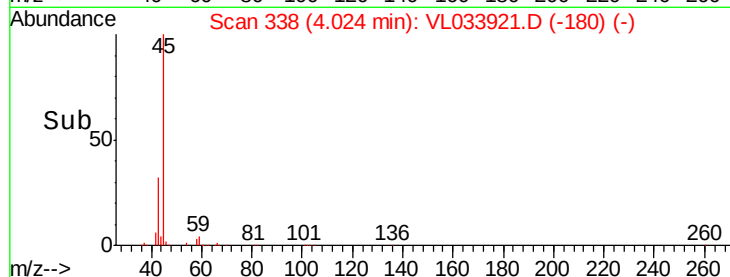
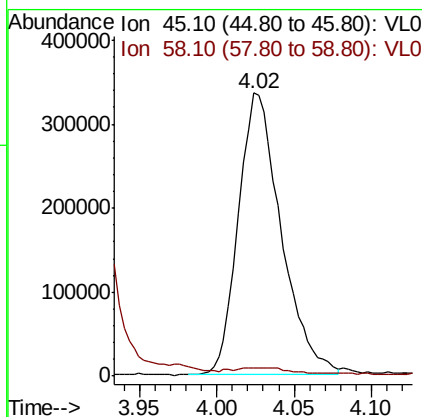
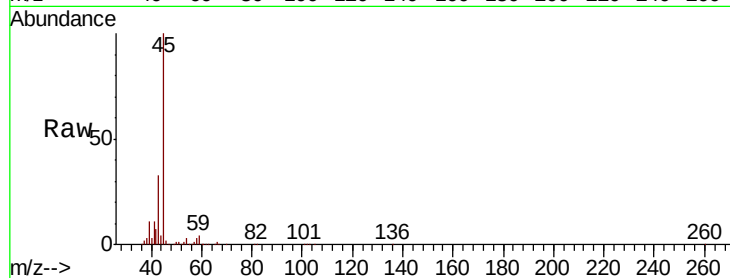
#19
Isopropyl Alcohol
Concen: 8.400 ppbv
RT: 4.02 min Scan# 338
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampleId :
V1

Tot Ion: 45 Resp: 646308
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.6#

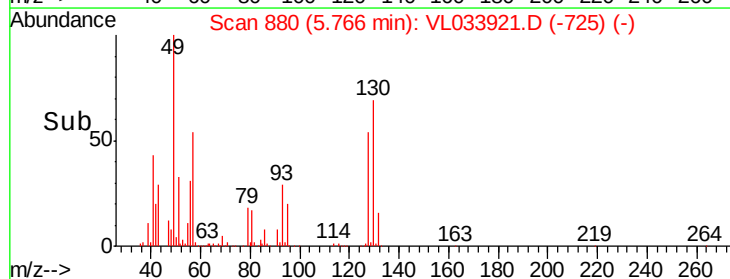
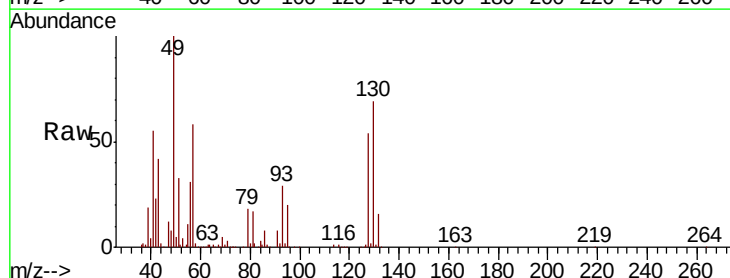
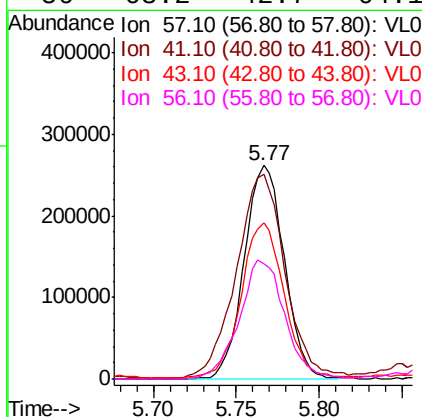
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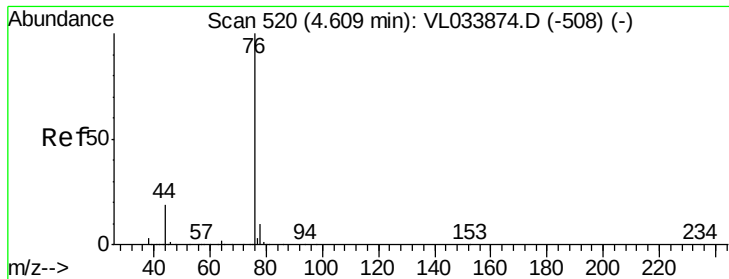
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#26
Hexane
Concen: 4.718 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 57 Resp: 440636
Ion Ratio Lower Upper
57 100
41 116.1 71.4 107.2#
43 77.2 183.7 275.5#
56 63.2 42.7 64.1





#27

Carbon Disulfide

Concen: 6.533 ppbv

RT: 4.61 min Scan# 520

Delta R.T. -0.00 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

Instrument :

MSVOA_L

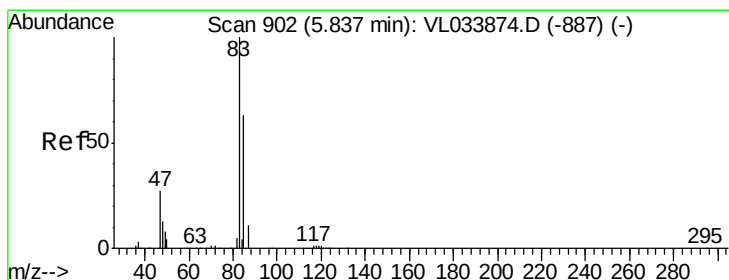
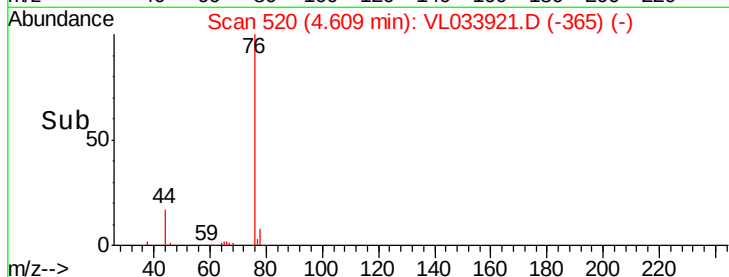
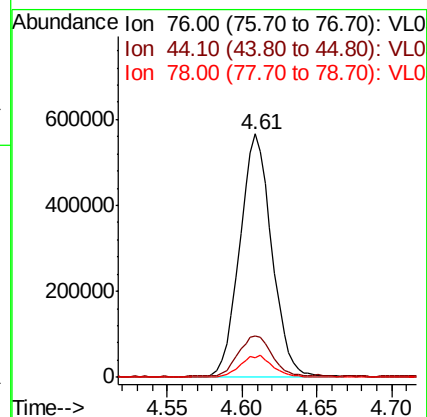
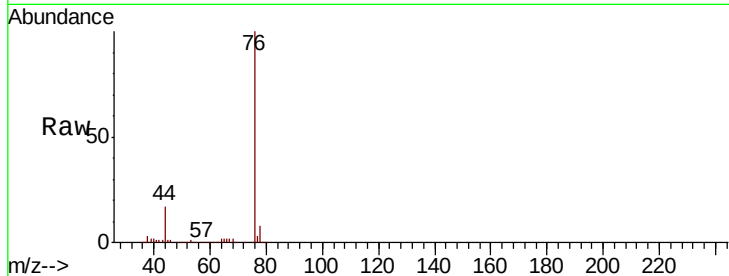
ClientSampleId :

V1

Tot Ion:	76	Resp:	847664
Ion Ratio	Lower	Upper	
76	100		
44	17.6	14.4	21.6
78	9.2	7.5	11.3

Manual Integrations
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#29

Chloroform

Concen: 0.129 ppbv

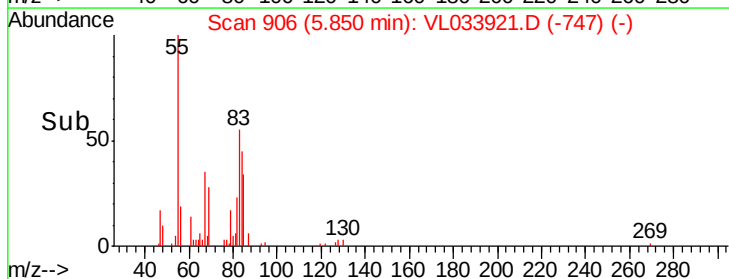
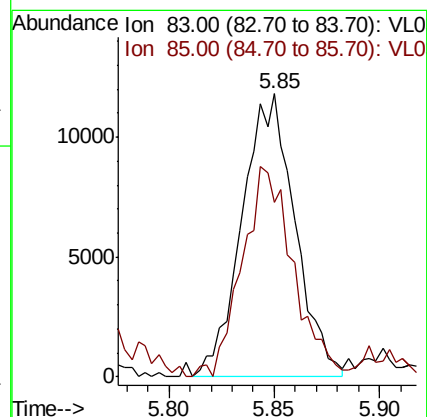
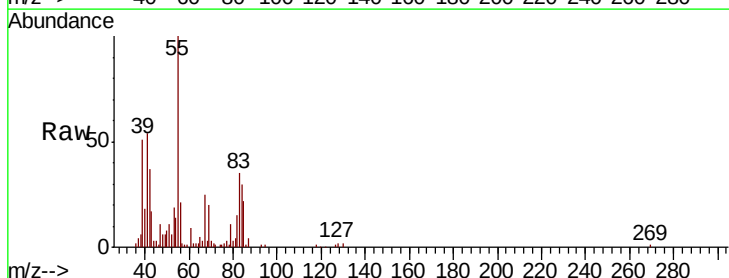
RT: 5.85 min Scan# 906

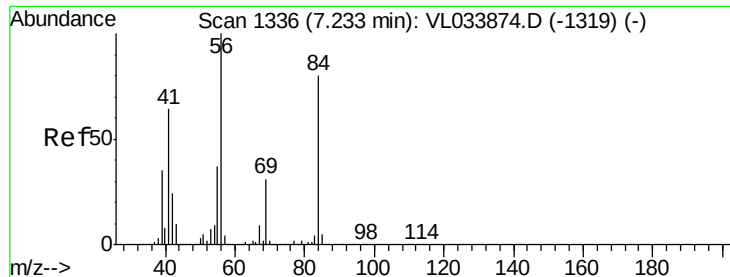
Delta R.T. 0.01 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

Tgt Ion:	83	Resp:	20594
Ion Ratio	Lower	Upper	
83	100		
85	61.7	50.5	75.7





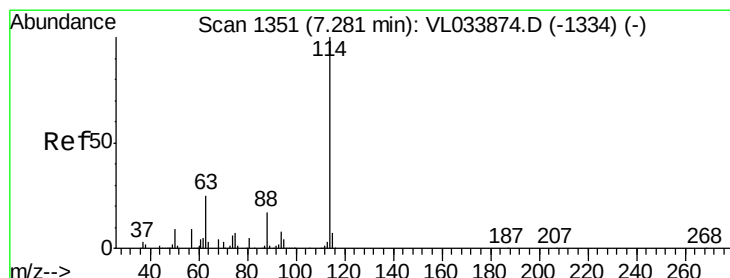
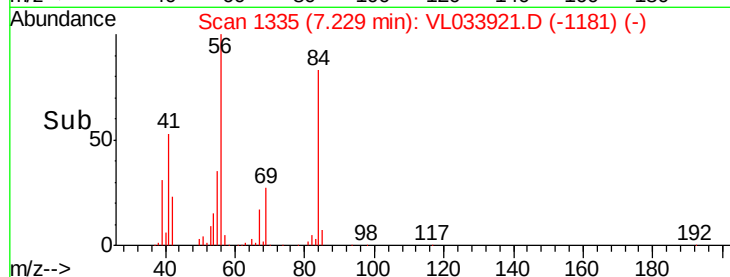
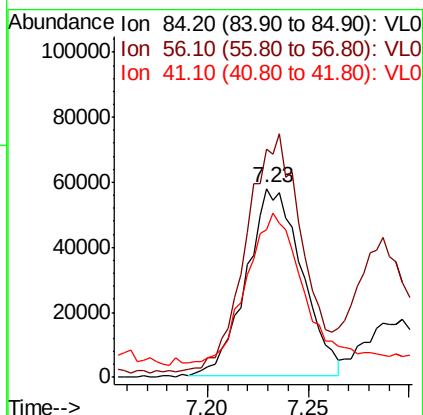
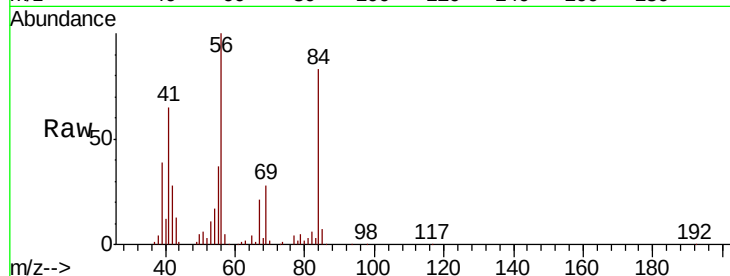
#30
Cyclohexane
Concen: 1.676 ppbv
RT: 7.23 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampled :
V1

Tot Ion	Ratio	Lower	Upper
84	100		
56	127.8	105.8	158.8
41	100.6	65.7	98.5

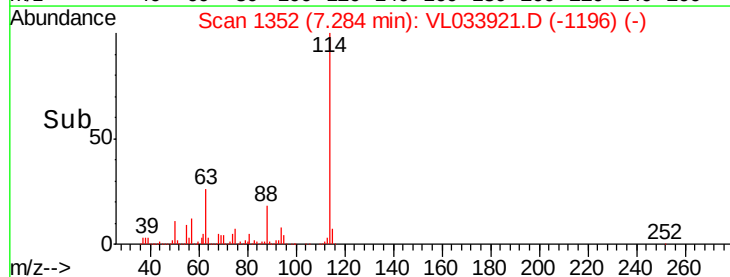
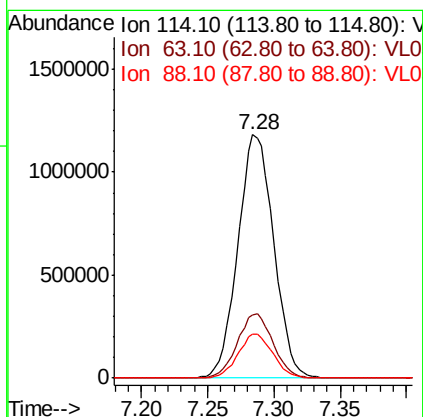
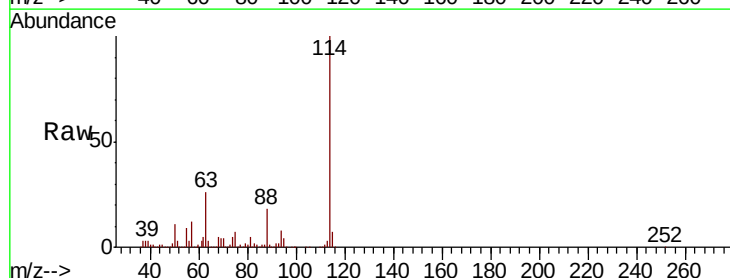
Manual Integrations
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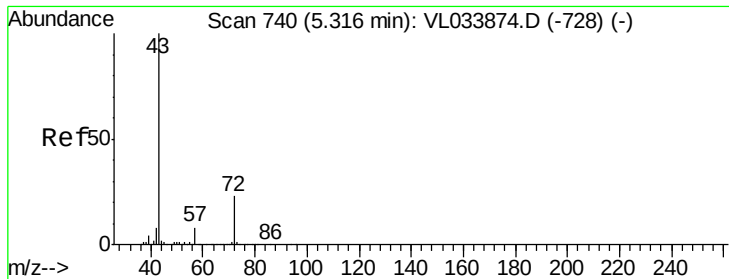
MMDadoda
6/17/2019 12:37:37 AM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. 0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.5	21.1	31.7
88	17.7	14.2	21.4





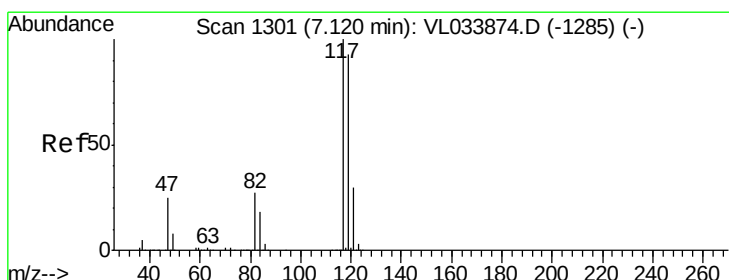
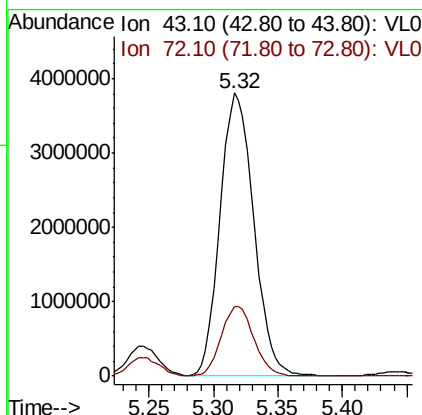
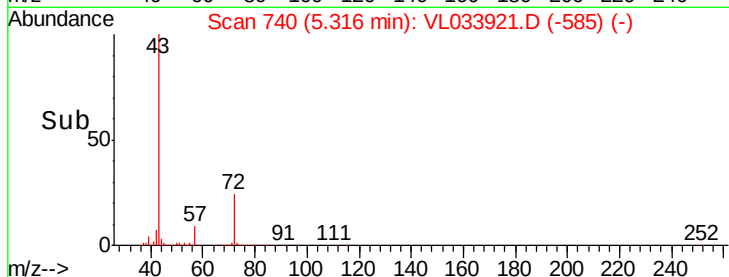
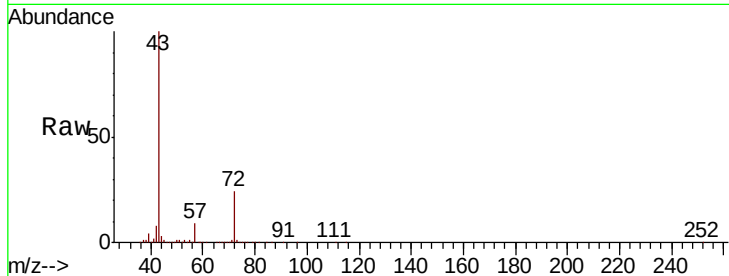
#34
2-Butanone
Concen: 55.141 ppbv
RT: 5.32 min Scan# 740
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampled :
V1

Tot Ion: 43 Resp: 6902604
Ion Ratio Lower Upper
43 100
72 23.9 17.9 26.9

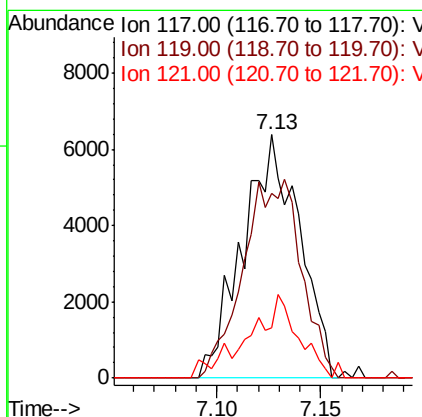
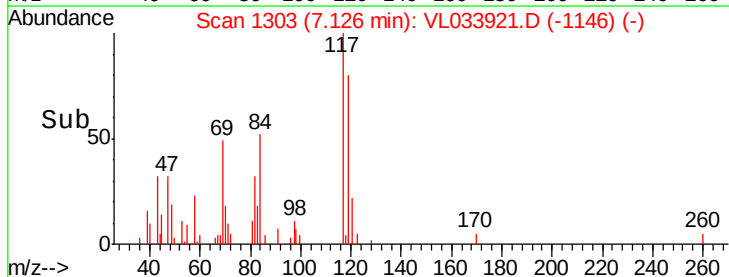
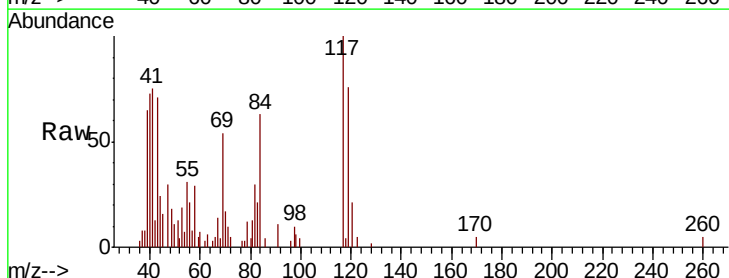
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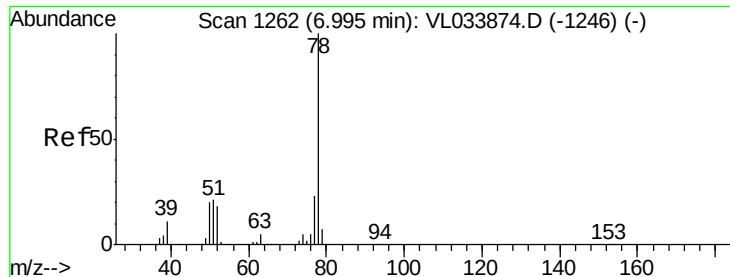
MMDadoda
6/17/2019 12:37:37 AM



#35
Carbon Tetrachloride
Concen: 0.070 ppbv m
RT: 7.13 min Scan# 1303
Delta R.T. 0.01 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 117 Resp: 12042
Ion Ratio Lower Upper
117 100
119 75.8 74.6 111.8
121 20.8 24.0 36.0#





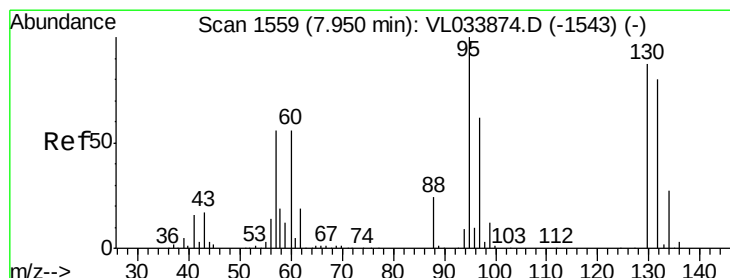
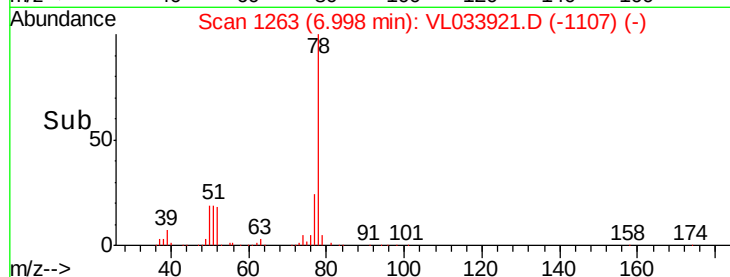
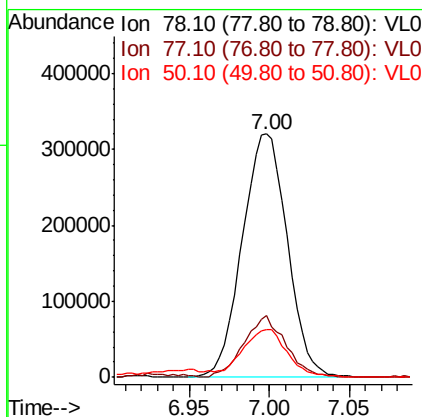
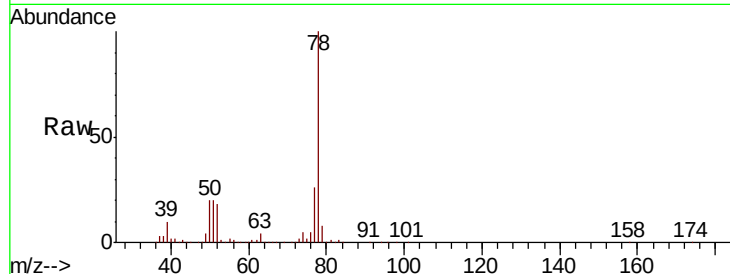
#36
Benzene
Concen: 3.624 ppbv
RT: 7.00 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampleId :
V1

Tot Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.2	27.2
50	19.0	15.9	23.9

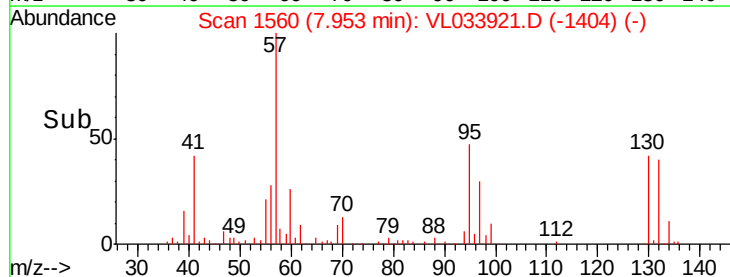
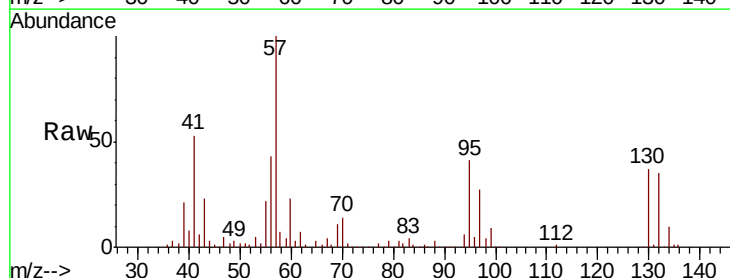
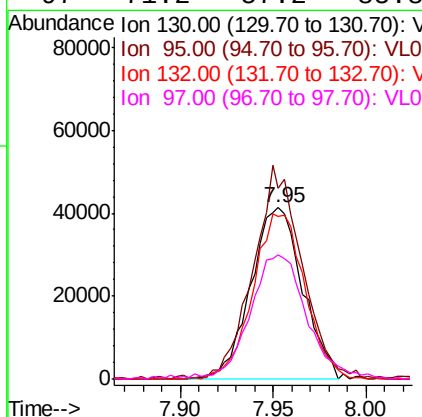
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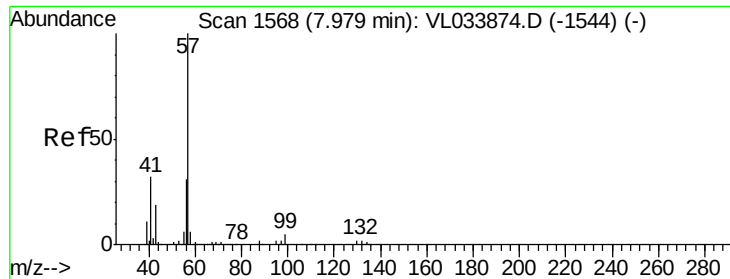
MMDadoda
6/17/2019 12:37:37 AM



#38
Trichloroethene
Concen: 1.212 ppbv
RT: 7.95 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	110.3	92.0	138.0
132	94.2	73.8	110.8
97	71.2	57.2	85.8





#44

2,2,4-Trimethylpentane

Concen: 3.515 ppbv

RT: 7.98 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

Instrument :

MSVOA_L

ClientSampleId :

V1

Tot Ion: 57 Resp: 1059573

Ion Ratio Lower Upper

57 100

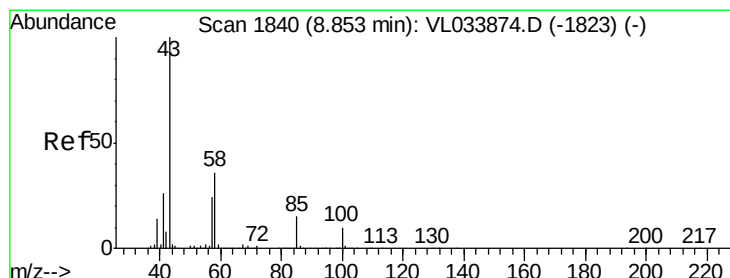
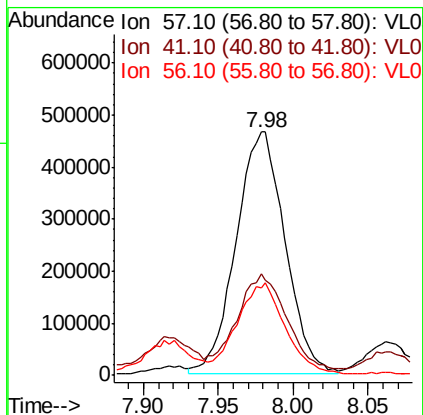
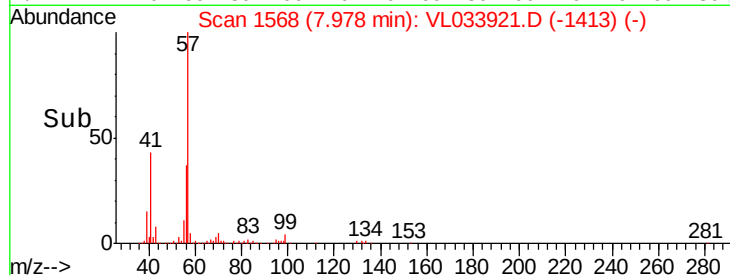
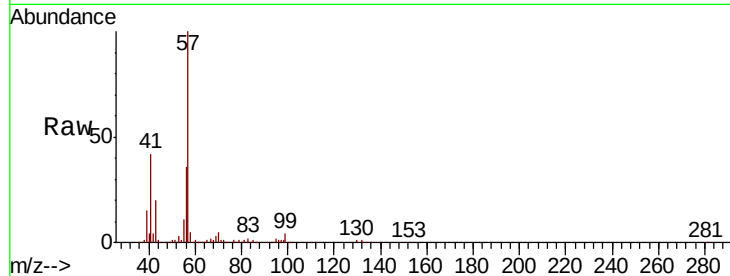
41 42.9 26.1 39.1#

56 37.7 24.6 36.8#

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#50

4-Methyl-2-Pentanone

Concen: 2.507 ppbv

RT: 8.86 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VL033921.D

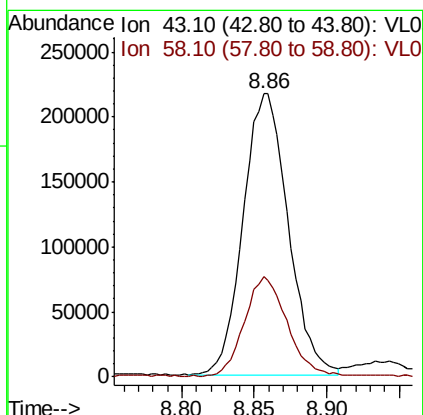
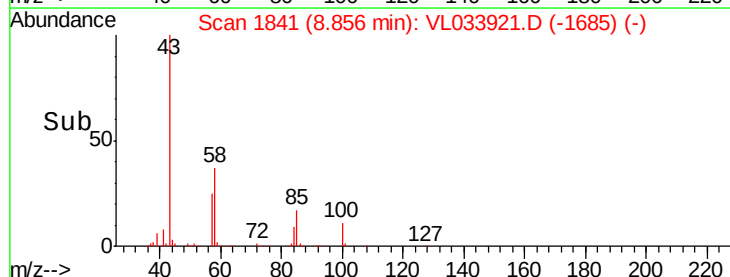
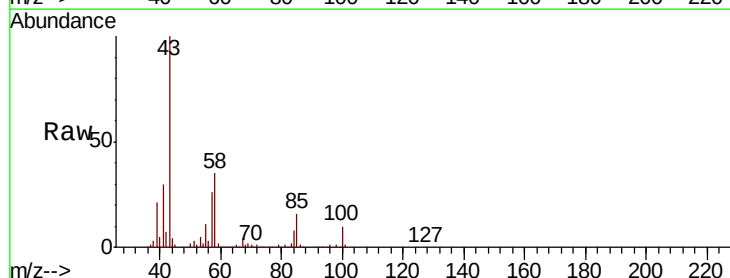
Acq: 14 Jun 2019 6:48

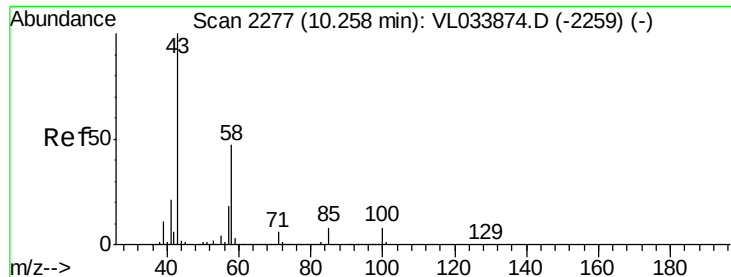
Tgt Ion: 43 Resp: 467980

Ion Ratio Lower Upper

43 100

58 34.3 28.6 42.8





#51

2-Hexanone

Concen: 16.519 ppbv

RT: 10.25 min Scan# 2274

Delta R.T. -0.01 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

Instrument :

MSVOA_L

ClientSampleId :

V1

Tot Ion: 43 Resp: 2408010

Ion Ratio Lower Upper

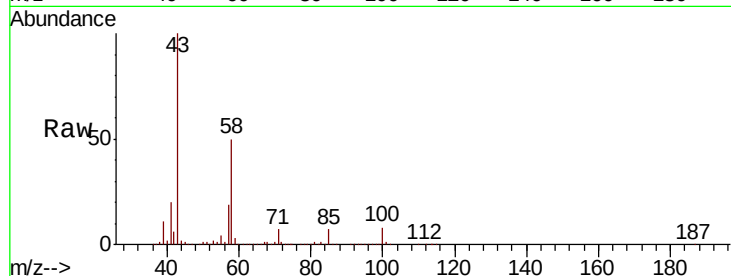
43 100

58 48.8 38.2 57.4

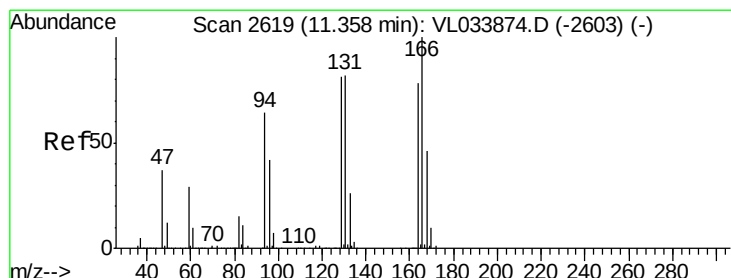
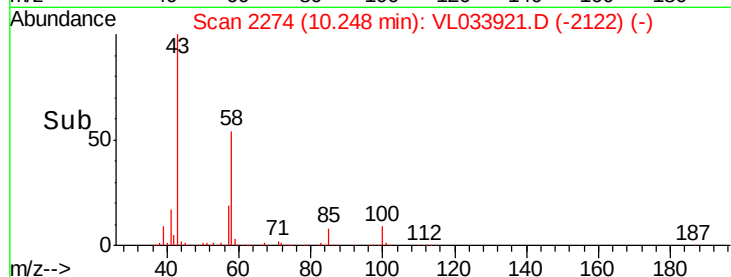
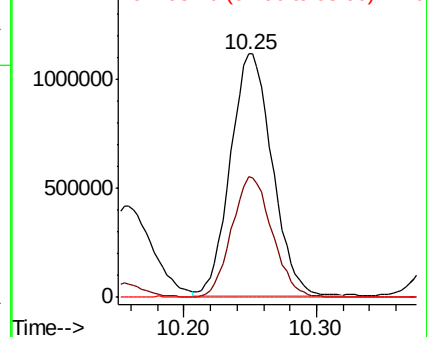
98 0.4 0.2 0.2#

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Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 15.291 ppbv

RT: 11.36 min Scan# 2621

Delta R.T. 0.01 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

Tgt Ion:164 Resp: 912013

Ion Ratio Lower Upper

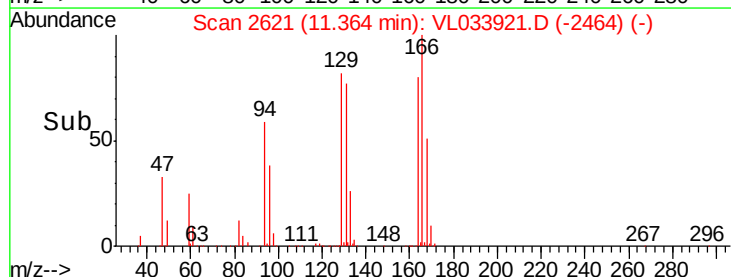
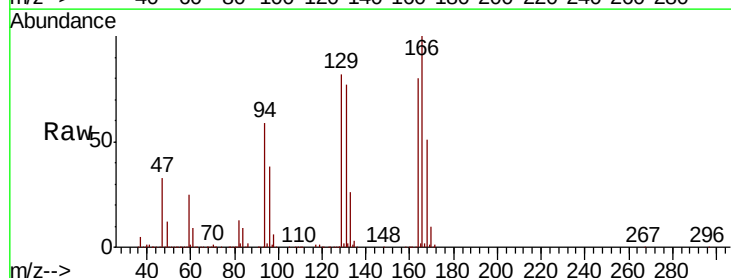
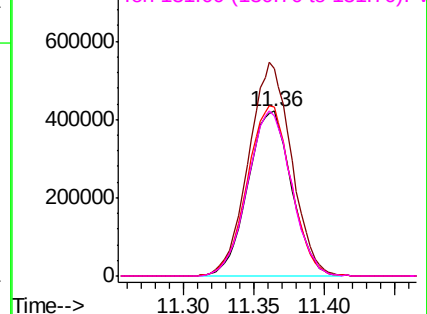
164 100

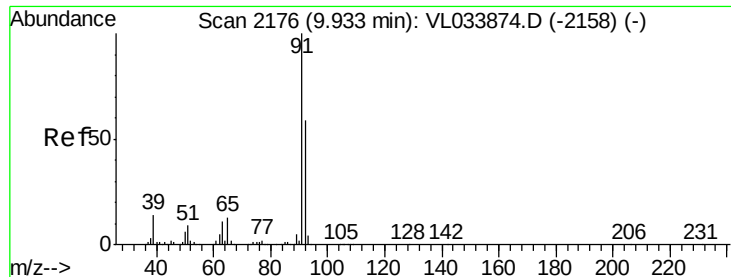
166 125.5 103.1 154.7

129 102.7 83.9 125.9

131 97.3 85.1 127.7

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: 13.403 ppbv

RT: 9.93 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

Instrument :

MSVOA_L

ClientSampled :

V1

Tot Ion: 91 Resp: 2514130

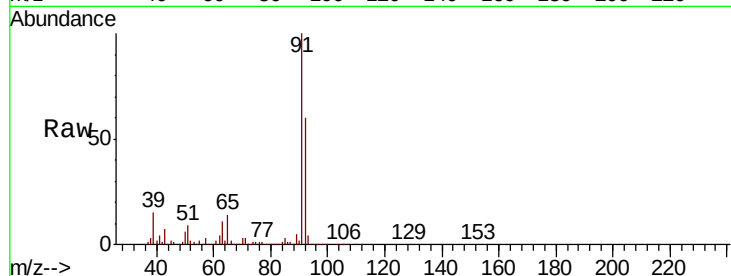
Ion Ratio Lower Upper

91 100

92 60.1 47.0 70.6

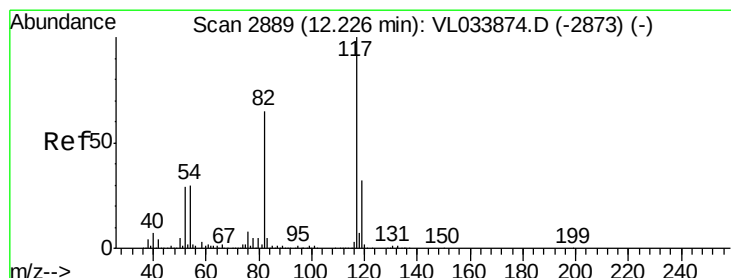
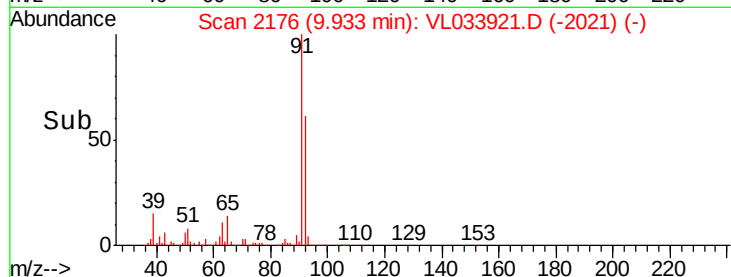
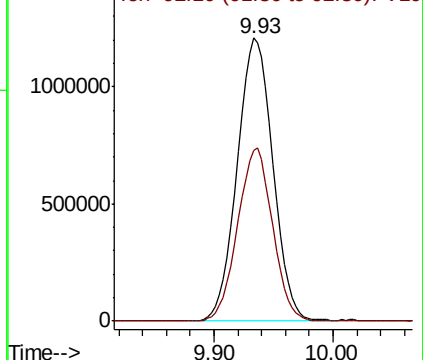
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.23 min Scan# 2890

Delta R.T. 0.00 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

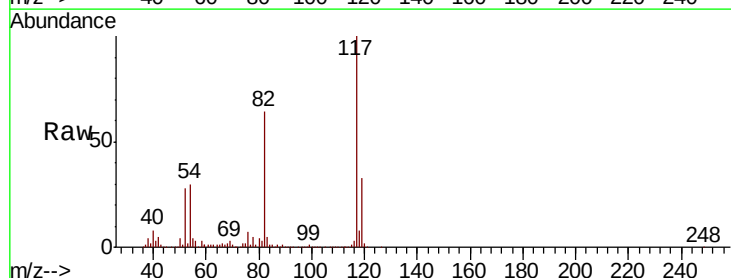
Tgt Ion: 117 Resp: 2496031

Ion Ratio Lower Upper

117 100

82 65.9 50.2 75.2

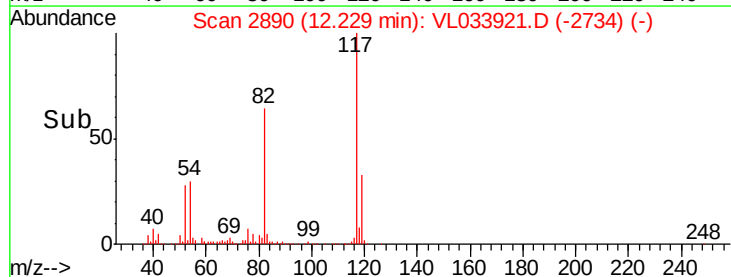
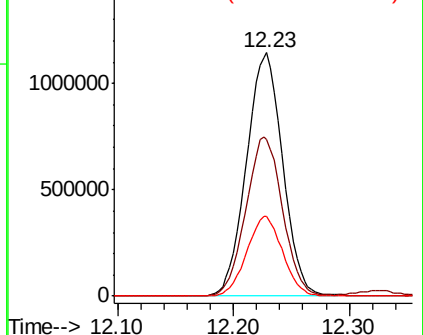
119 32.5 24.8 37.2

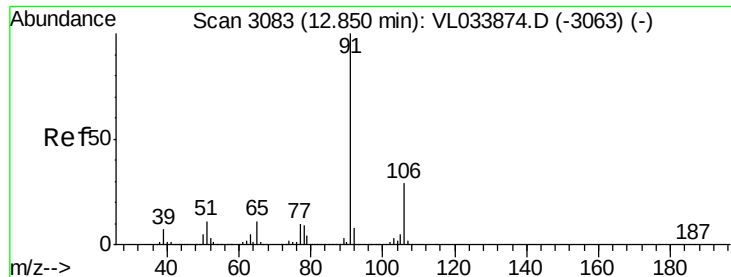


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#58

Ethyl Benzene

Concen: 2.637 ppbv

RT: 12.85 min Scan# 3083

Delta R.T. -0.00 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

Instrument :

MSVOA_L

ClientSampleId :

V1

Tot Ion: 91 Resp: 742115

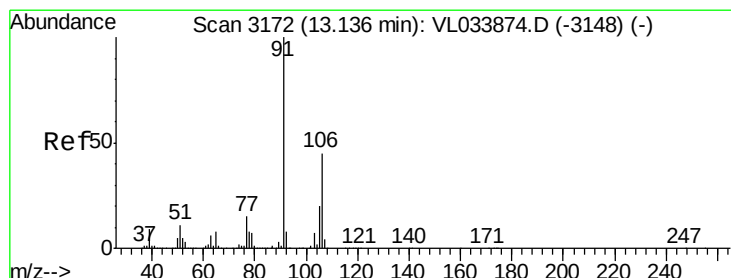
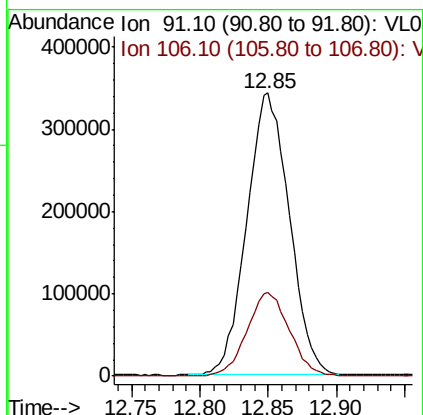
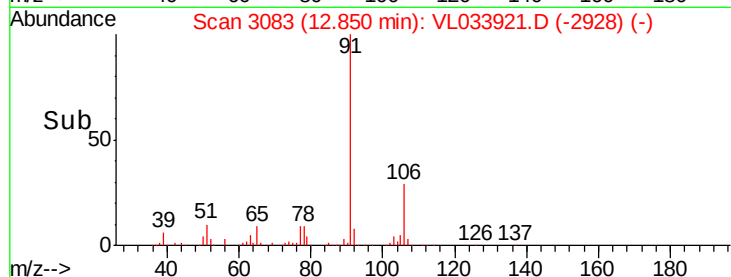
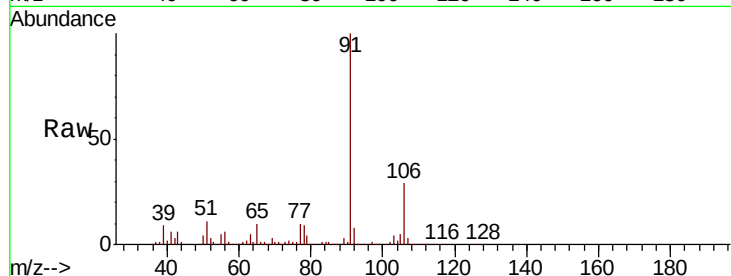
Ion Ratio Lower Upper

91 100

106 29.5 23.0 34.6

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#59

m/p-Xylene

Concen: 9.340 ppbv

RT: 13.11 min Scan# 3163

Delta R.T. -0.03 min

Lab File: VL033921.D

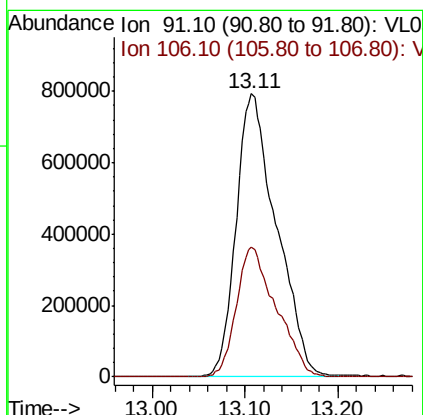
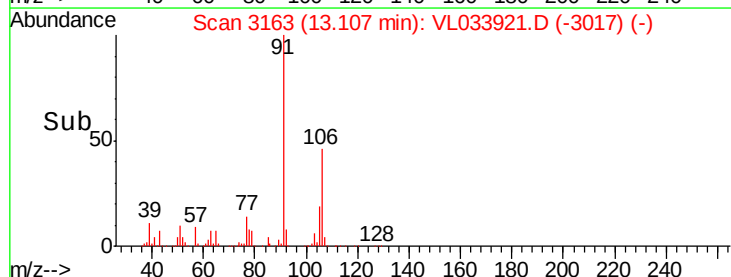
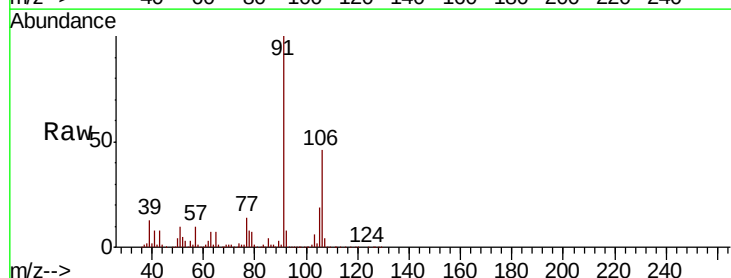
Acq: 14 Jun 2019 6:48

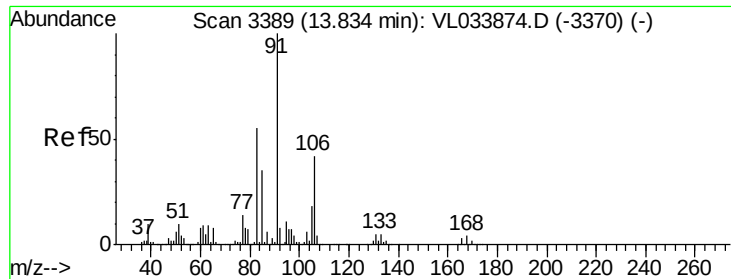
Tgt Ion: 91 Resp: 2390053

Ion Ratio Lower Upper

91 100

106 45.7 35.8 53.8





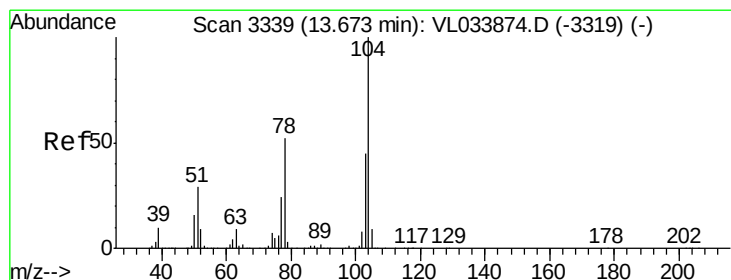
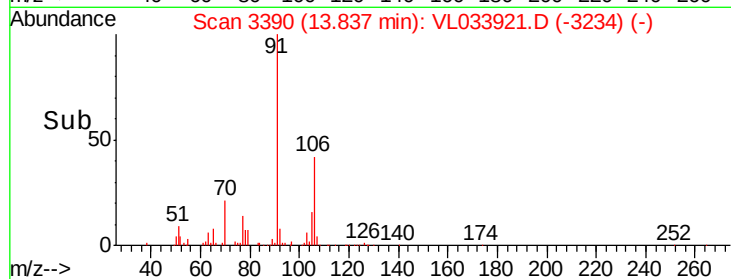
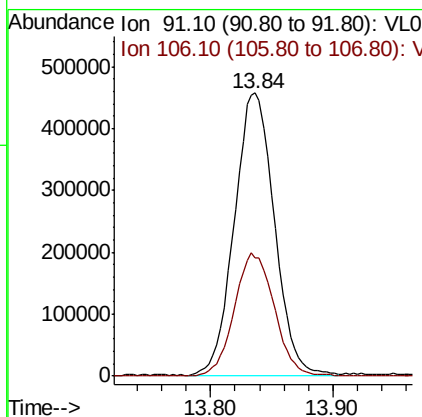
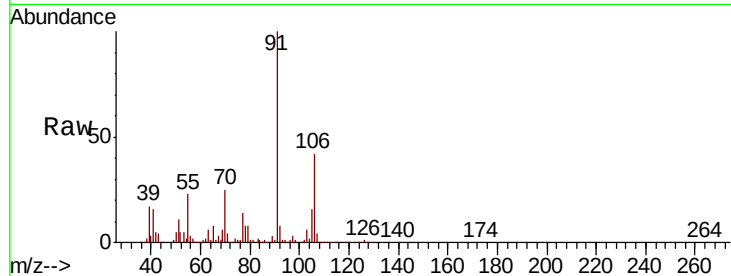
#60
o-Xylene
Concen: 3.915 ppbv
RT: 13.84 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Instrument :
MSVOA_L
ClientSampled :
V1

Tot Ion: 91 Resp: 1034369
Ion Ratio Lower Upper
91 100
106 43.7 21.7 65.1

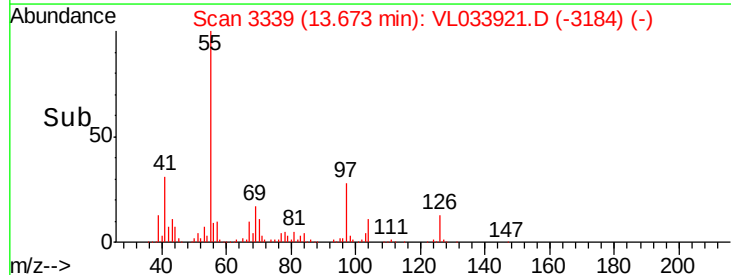
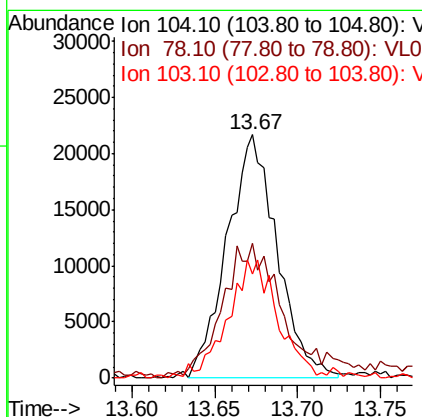
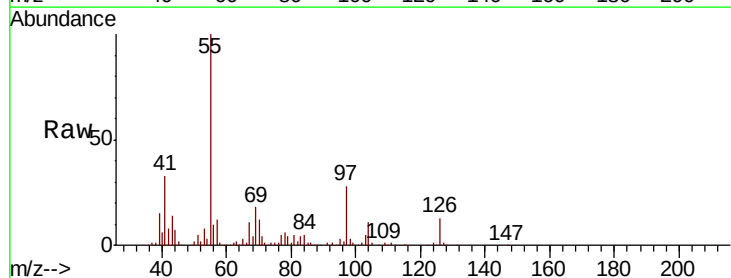
Manual Integrations
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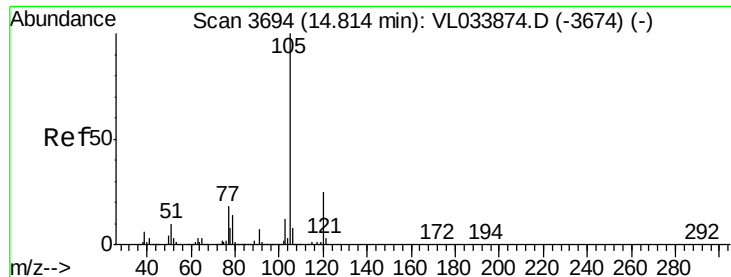
MMDadoda
6/17/2019 12:37:37 AM



#61
Styrene
Concen: 0.266 ppbv
RT: 13.67 min Scan# 3339
Delta R.T. -0.00 min
Lab File: VL033921.D
Acq: 14 Jun 2019 6:48

Tgt Ion: 104 Resp: 45458
Ion Ratio Lower Upper
104 100
78 66.2 43.4 65.0#
103 49.5 37.6 56.4





#62

Isopropylbenzene

Concen: 0.247 ppbv

RT: 14.81 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

Instrument :

MSVOA_L

ClientSampled :

V1

Tot Ion: 105 Resp: 87858

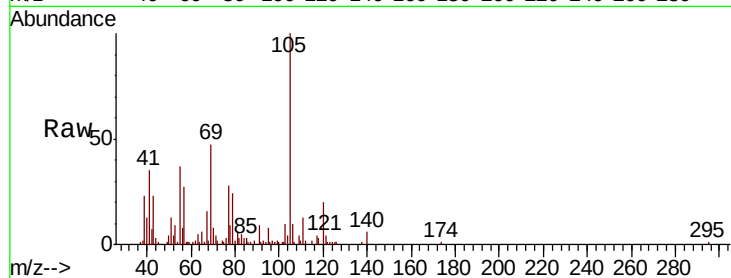
Ion Ratio Lower Upper

105 100

120 24.9 20.3 30.5

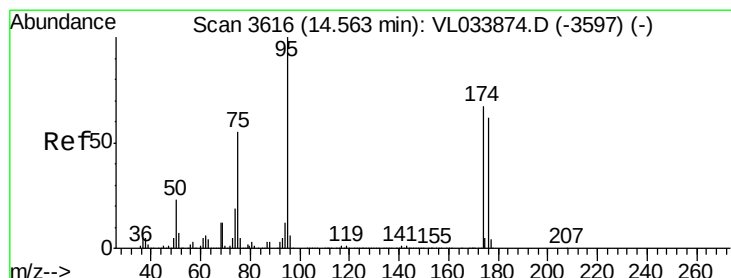
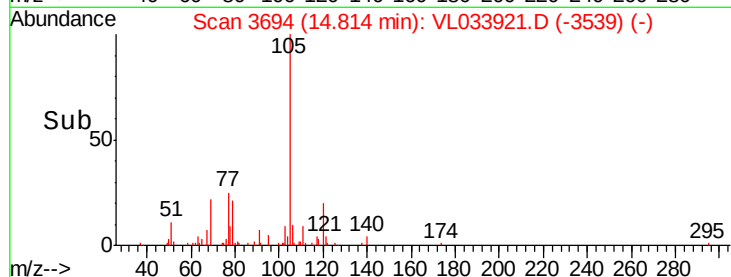
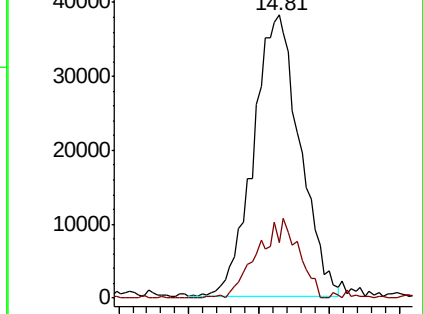
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.234 ppbv

RT: 14.57 min Scan# 3617

Delta R.T. 0.00 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

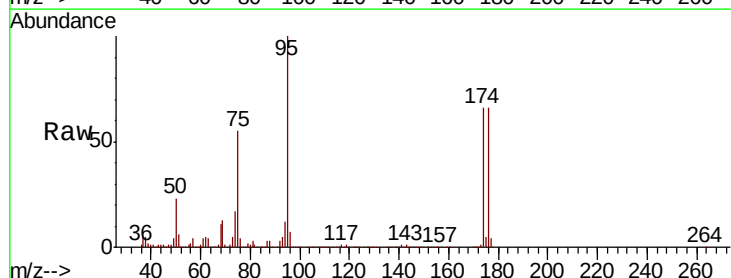
Tgt Ion: 95 Resp: 1893118

Ion Ratio Lower Upper

95 100

174 68.3 54.0 81.0

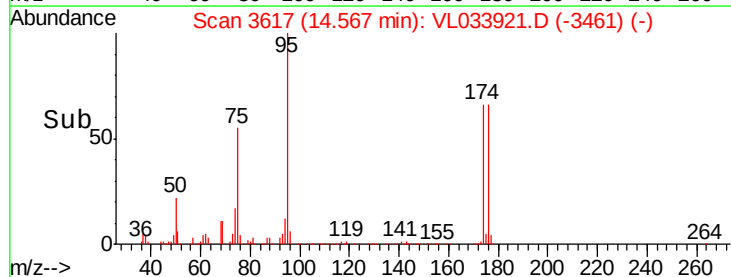
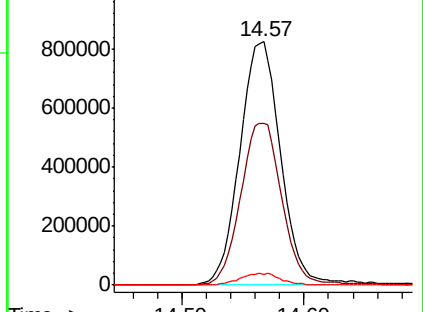
175 4.9 3.8 5.8

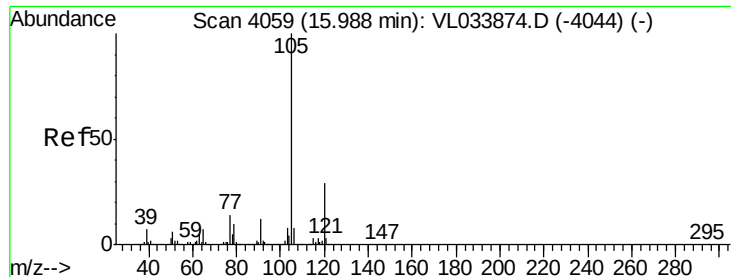


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#72

4-Ethyltoluene

Concen: 1.667 ppbv m

RT: 15.99 min Scan# 4061

Delta R.T. 0.01 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

Instrument :

MSVOA_L

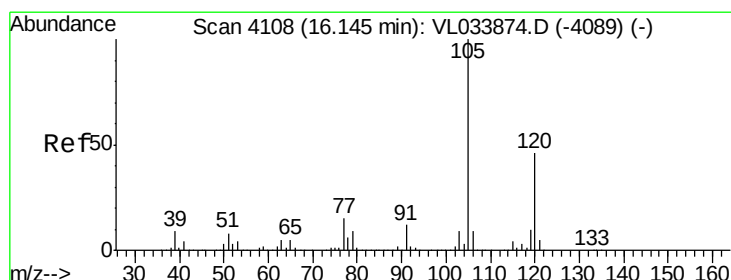
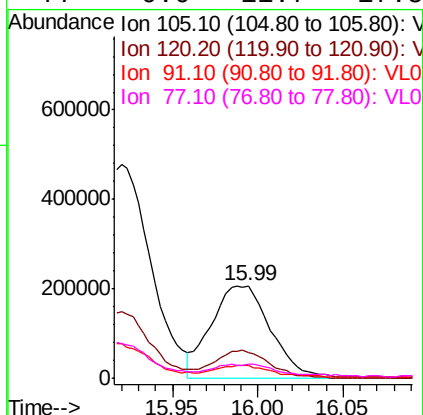
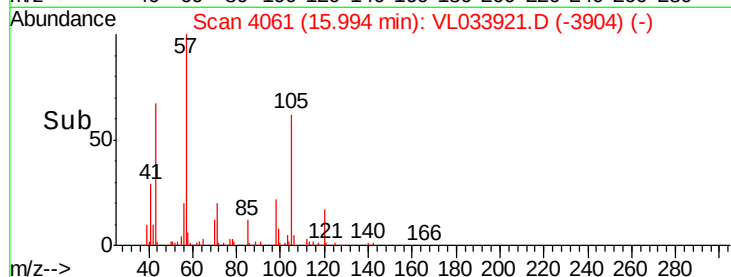
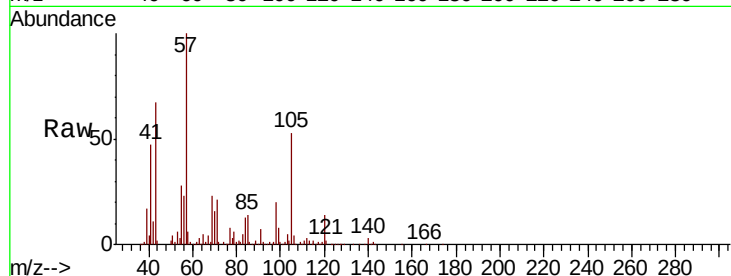
ClientSampleId :

V1

Tot Ion:	105	Resp:	501196
Ion Ratio	Lower	Upper	
105	100		
120	29.7	23.5	35.3
91	12.8	10.4	15.6
77	0.0	11.7	17.5#

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#73

1,3,5-Trimethylbenzene

Concen: 1.617 ppbv

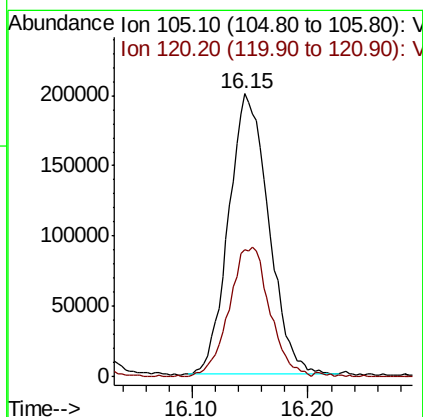
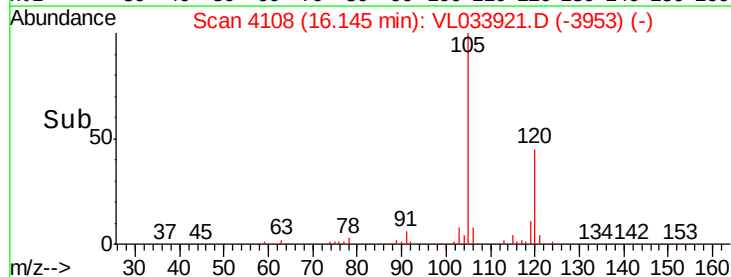
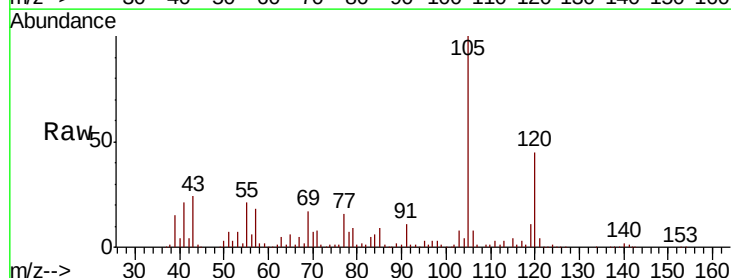
RT: 16.15 min Scan# 4108

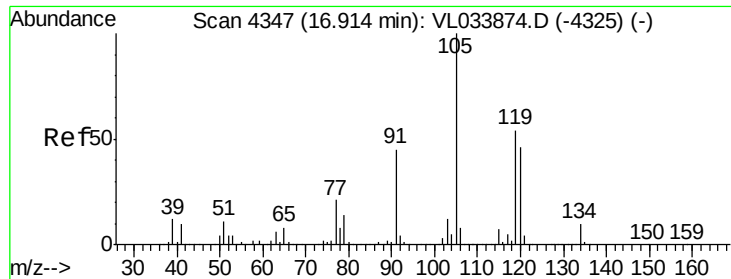
Delta R.T. -0.00 min

Lab File: VL033921.D

Acq: 14 Jun 2019 6:48

Tgt Ion:	105	Resp:	478887
Ion Ratio	Lower	Upper	
105	100		
120	45.0	37.1	55.7





#74
 1,2,4-Trimethylbenzene
 Concen: 4.790 ppbv
 RT: 16.92 min Scan# 4349
 Delta R.T. 0.01 min
 Lab File: VL033921.D
 Acq: 14 Jun 2019 6:48

Instrument :
 MSVOA_L
 ClientSampleId :
 V1

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.1	36.7	55.1
91	10.5	35.8	53.8
77	14.2	16.9	25.3

Manual Integrations
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