

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033908.D
 Acq On : 13 Jun 2019 22:08
 Operator : SY/AP
 Sample : K3357-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3R-20190612

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 07:20:04 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	5.77	49	889060	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.29	114	2092165	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2373366	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1776146	9.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	15629m	0.108	ppbv	
4) Chloromethane	3.16	50	35836	0.600	ppbv #	83
7) Chloroethane	3.59	64	12631	0.577	ppbv #	78
9) Propene	3.03	41	391759	10.003	ppbv	97
10) Heptane	8.23	43	310460	3.136	ppbv	97
11) Trichlorofluoromethane	4.00	101	52867	0.284	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.55	101	11683m	0.093	ppbv	
13) Ethanol	3.66	45	632134	49.611	ppbv	96
15) Acetone	3.89	43	27184968m	209.654	ppbv	
17) tert-Butyl alcohol	4.36	59	3376822	33.314	ppbv	98
19) Isopropyl Alcohol	4.03	45	3511710	47.408	ppbv #	94
26) Hexane	5.77	57	255772	2.845	ppbv #	32
27) Carbon Disulfide	4.61	76	622819	4.986	ppbv	98
29) Chloroform	5.85	83	47114	0.306	ppbv	94
30) Cyclohexane	7.24	84	50340	0.792	ppbv #	85
32) 1,1,1-Trichloroethane	6.62	97	7135m	0.048	ppbv	
34) 2-Butanone	5.32	43	6919439	58.625	ppbv	95
36) Benzene	7.00	78	424334	2.655	ppbv	97
38) Trichloroethene	7.96	130	31471m	0.506	ppbv	
41) Tetrahydrofuran	6.14	42	592066	9.883	ppbv	98
44) 2,2,4-Trimethylpentane	7.98	57	508007	1.787	ppbv #	81
50) 4-Methyl-2-Pentanone	8.86	43	227795	1.294	ppbv	97
51) 2-Hexanone	10.25	43	951621	6.924	ppbv #	98
52) Tetrachloroethene	11.36	164	326264	5.802	ppbv	97
53) Toluene	9.94	91	1372108	7.758	ppbv	99
58) Ethyl Benzene	12.85	91	217454	0.813	ppbv	95
59) m/p-Xylene	13.11	91	542715	2.230	ppbv	100
60) o-Xylene	13.83	91	277921	1.106	ppbv	100
61) Styrene	13.67	104	127866	0.786	ppbv	96
62) Isopropylbenzene	14.81	105	181174	0.535	ppbv	99
64) n-propylbenzene	15.70	120	188630	2.175	ppbv	96
72) 4-Ethyltoluene	15.98	105	1090899	3.816	ppbv	99
73) 1,3,5-Trimethylbenzene	16.14	105	812255	2.884	ppbv	97
74) 1,2,4-Trimethylbenzene	16.91	105	1790521	5.516	ppbv #	75
79) Naphthalene	22.40	128	32088m	0.124	ppbv	

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

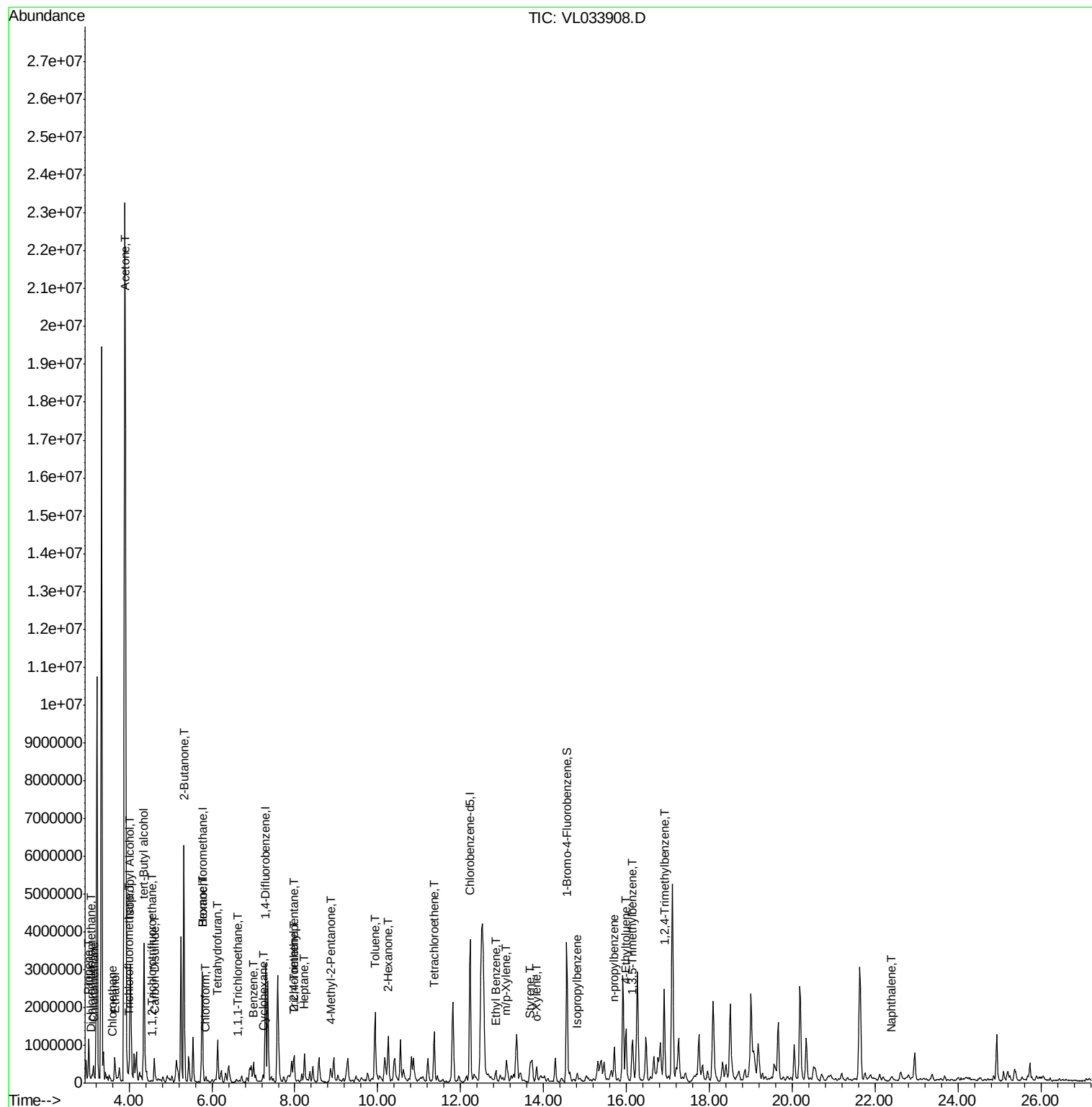
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
Data File : VL033908.D
Acq On : 13 Jun 2019 22:08
Operator : SY/AP
Sample : K3357-02
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

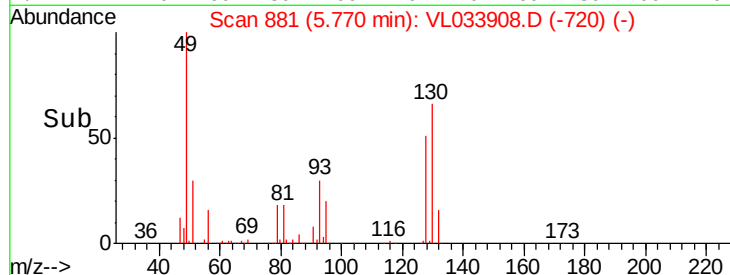
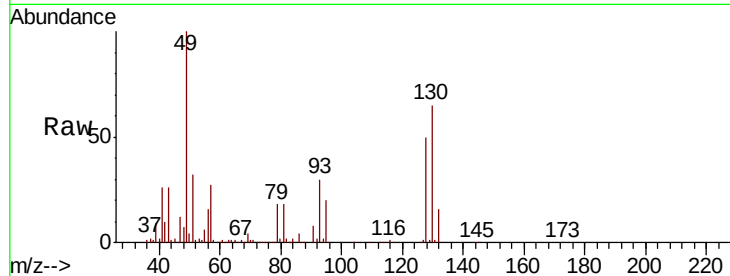
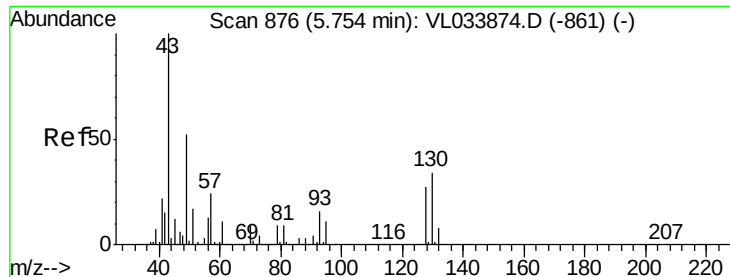
Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612

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Quant Time: Jun 14 07:20:04 2019
Quant Method : Z:\VOASRV\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





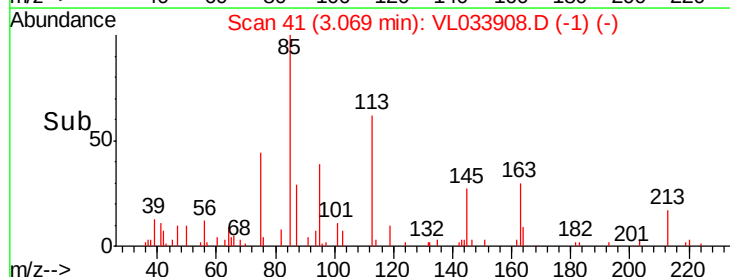
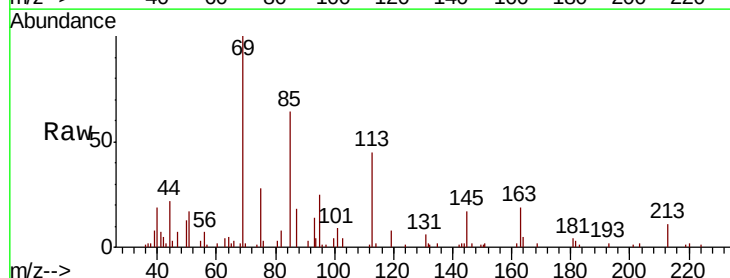
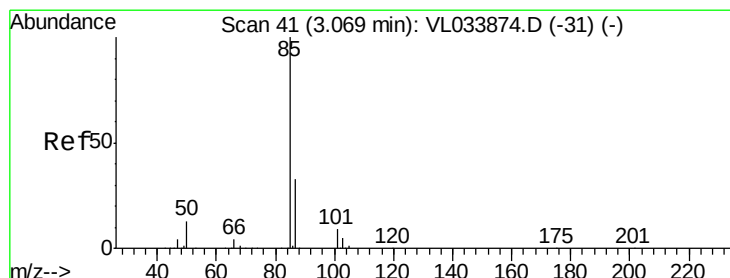
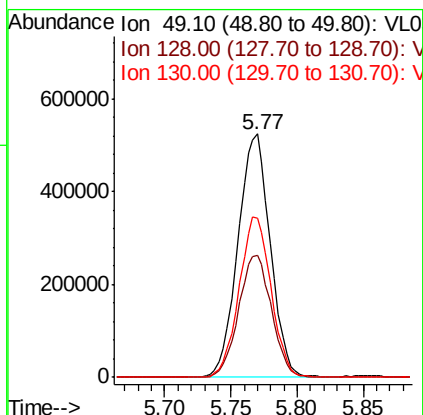
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.02 min
Lab File: VL033908.D
Acq: 13 Jun 2019 22:08

Tot Ion	Ratio	Lower	Upper
49	100		
128	51.1	25.5	76.5
130	65.3	32.5	97.4

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612

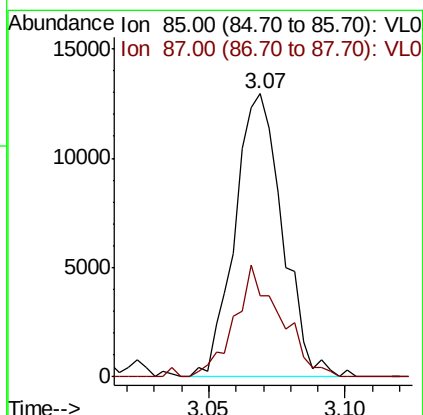
Manual Integrations
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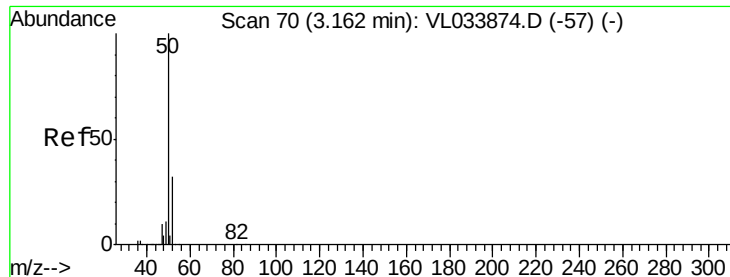
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#2
Dichlorodifluoromethane
Concen: 0.108 ppbv m
RT: 3.07 min Scan# 41
Delta R.T. 0.00 min
Lab File: VL033908.D
Acq: 13 Jun 2019 22:08

Tgt Ion	Ratio	Lower	Upper
85	100		
87	28.9	26.6	40.0





#4

Chloromethane

Concen: 0.600 ppbv

RT: 3.16 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612

Tot Ion: 50 Resp: 35836

Ion Ratio Lower Upper

50 100

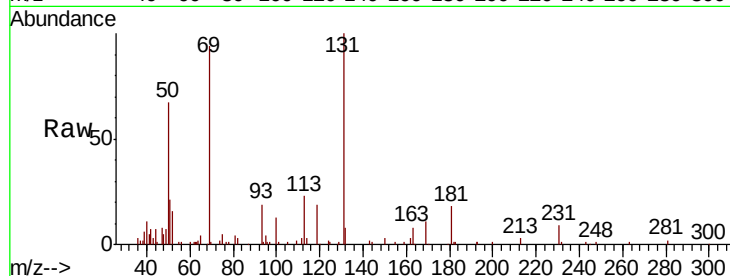
52 22.2 25.4 38.0#

Manual Integrations

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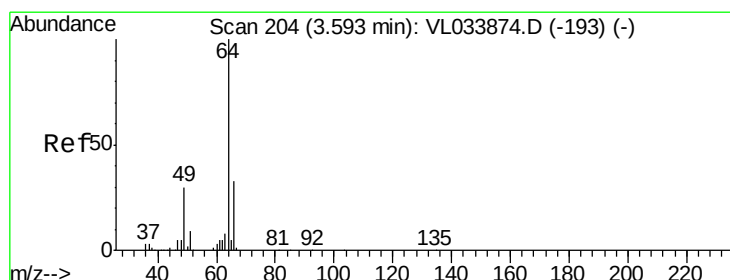
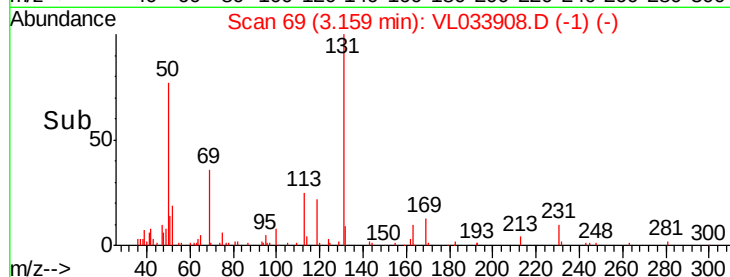
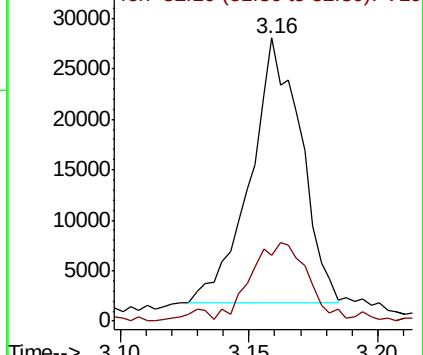
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Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#7

Chloroethane

Concen: 0.577 ppbv

RT: 3.59 min Scan# 203

Delta R.T. -0.00 min

Lab File: VL033908.D

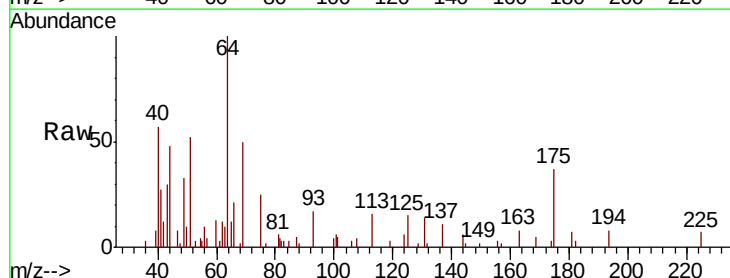
Acq: 13 Jun 2019 22:08

Tgt Ion: 64 Resp: 12631

Ion Ratio Lower Upper

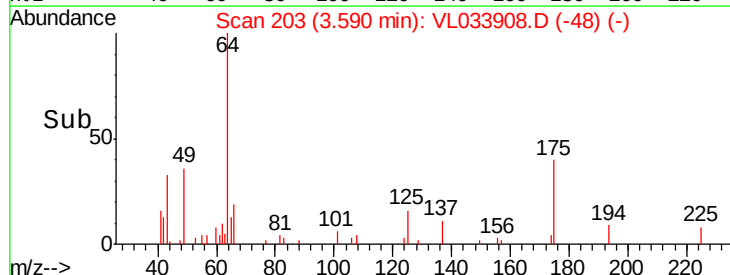
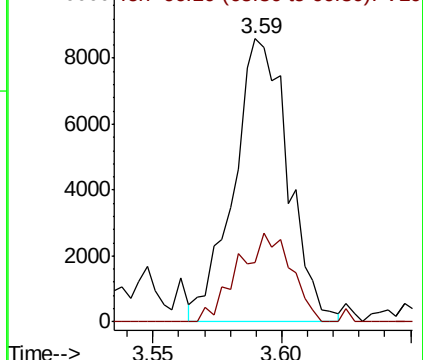
64 100

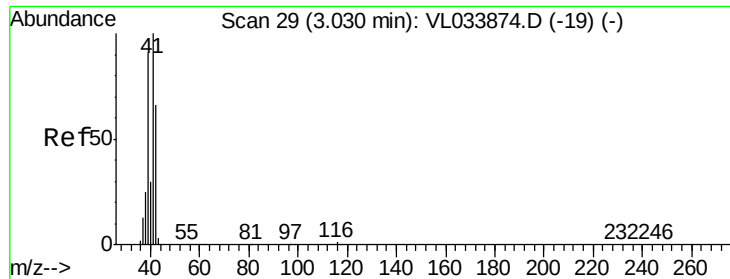
66 21.0 26.7 40.1#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0





#9

Propene

Concen: 10.003 ppbv

RT: 3.03 min Scan# 28

Delta R.T. -0.00 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612

Tot Ion: 41 Resp: 391759

Ion Ratio Lower Upper

41 100

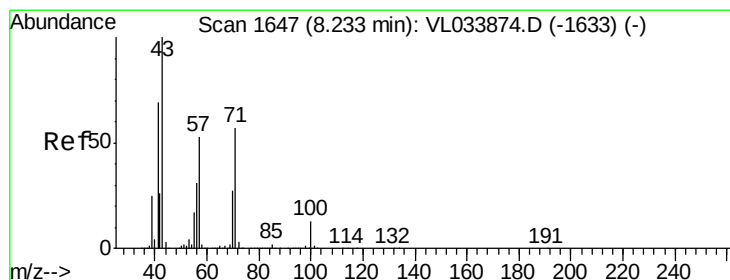
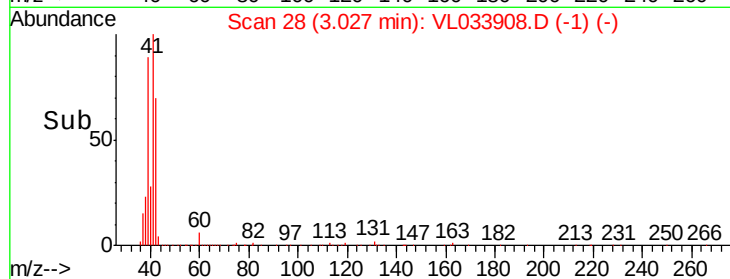
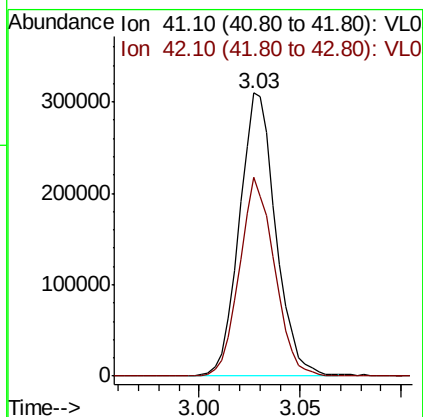
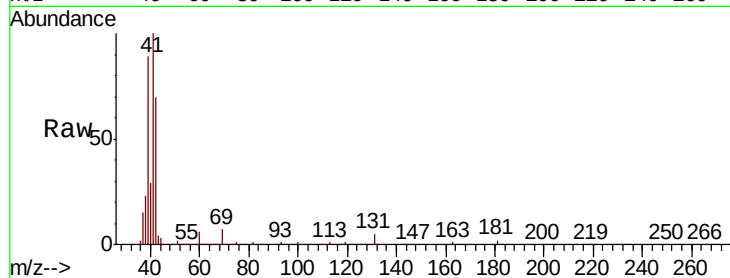
42 67.9 56.3 84.5

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#10

Heptane

Concen: 3.136 ppbv

RT: 8.23 min Scan# 1647

Delta R.T. 0.00 min

Lab File: VL033908.D

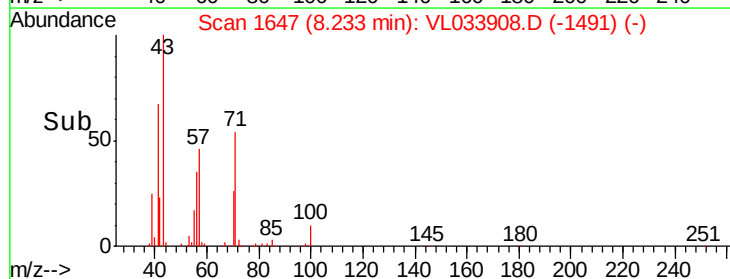
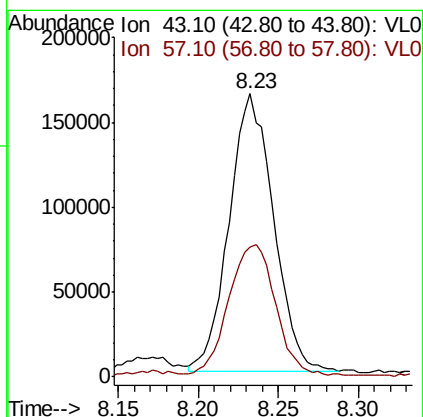
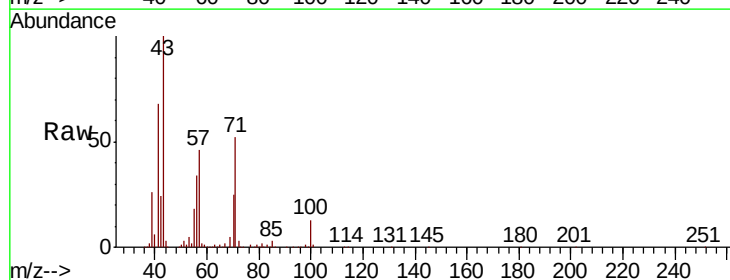
Acq: 13 Jun 2019 22:08

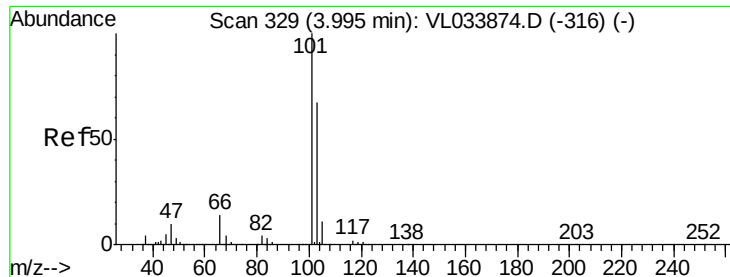
Tgt Ion: 43 Resp: 310460

Ion Ratio Lower Upper

43 100

57 49.7 41.7 62.5





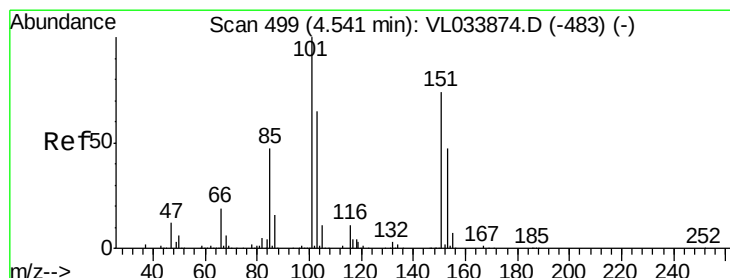
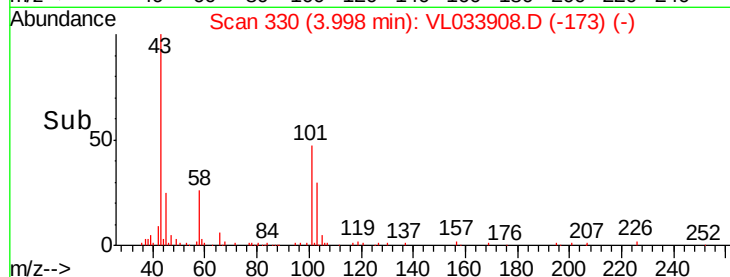
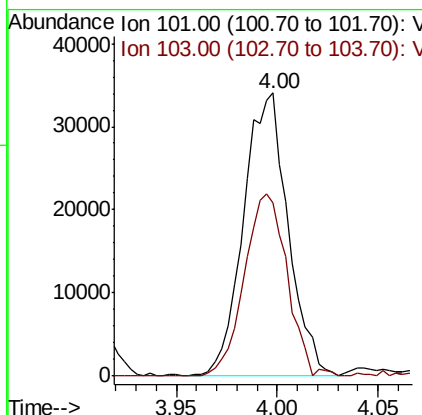
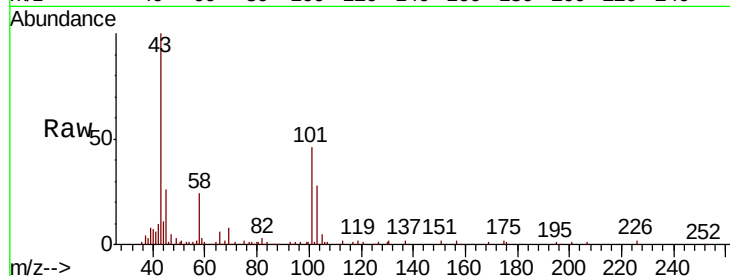
#11
 Trichlorofluoromethane
 Concen: 0.284 ppbv
 RT: 4.00 min Scan# 330
 Delta R.T. 0.00 min
 Lab File: VL033908.D
 Acq: 13 Jun 2019 22:08

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3R-20190612

Tot Ion:101 Resp: 52867
 Ion Ratio Lower Upper
 101 100
 103 62.2 53.6 80.4

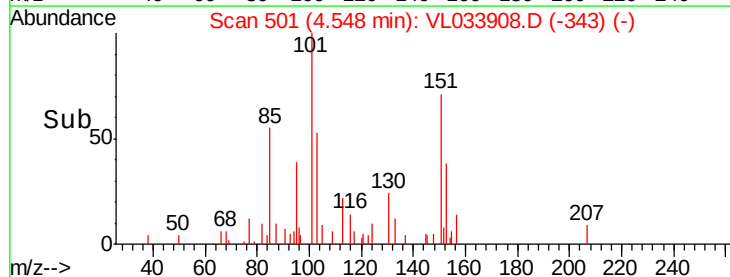
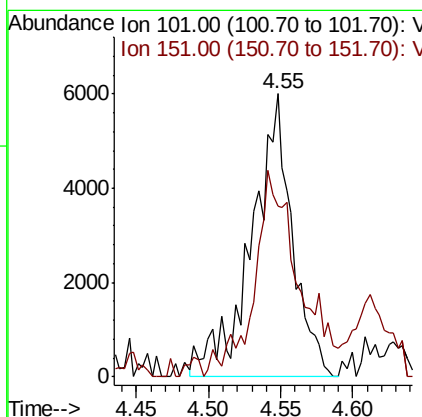
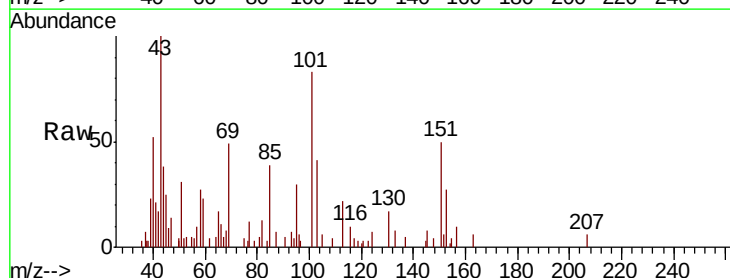
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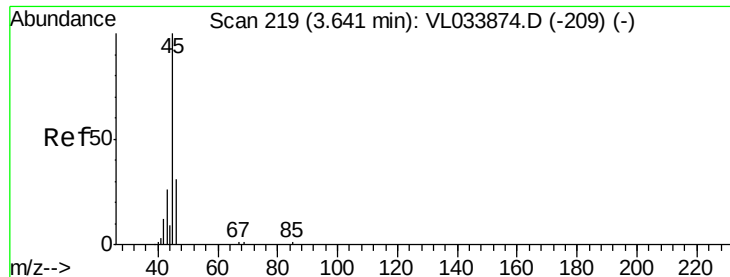
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.093 ppbv m
 RT: 4.55 min Scan# 501
 Delta R.T. 0.01 min
 Lab File: VL033908.D
 Acq: 13 Jun 2019 22:08

Tgt Ion:101 Resp: 11683
 Ion Ratio Lower Upper
 101 100
 151 83.7 58.6 87.8





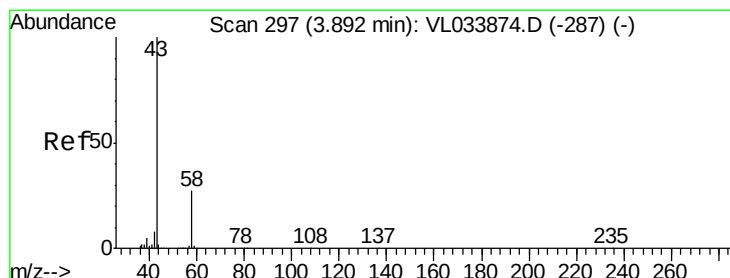
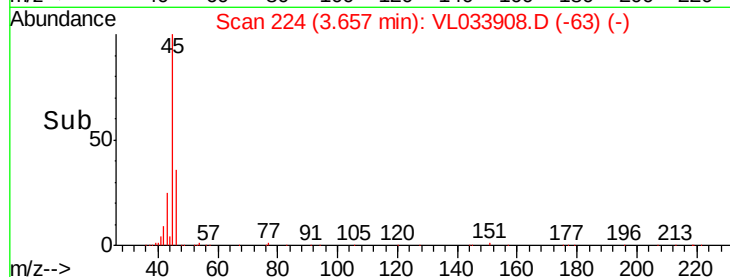
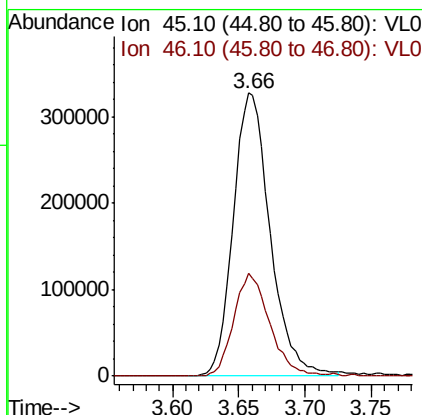
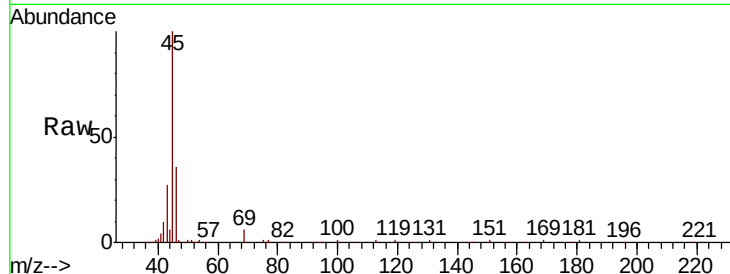
#13
Ethanol
Concen: 49.611 ppbv
RT: 3.66 min Scan# 224
Delta R.T. 0.02 min
Lab File: VL033908.D
Acq: 13 Jun 2019 22:08

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612

Tot Ion: 45 Resp: 632134
Ion Ratio Lower Upper
45 100
46 36.0 15.3 61.1

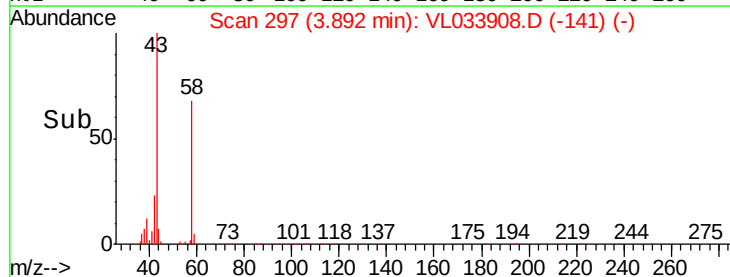
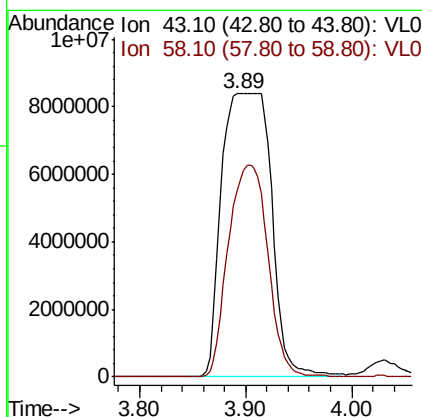
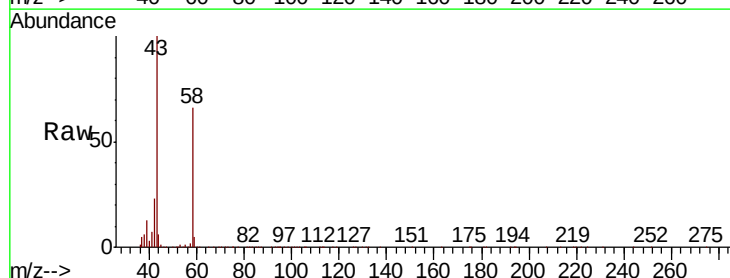
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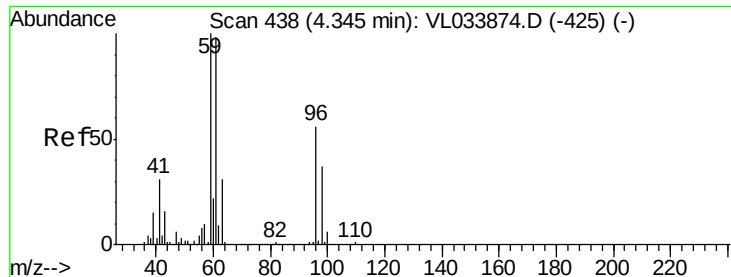
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#15
Acetone
Concen: 209.654 ppbv m
RT: 3.89 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL033908.D
Acq: 13 Jun 2019 22:08

Tgt Ion: 43 Resp: 27184968
Ion Ratio Lower Upper
43 100
58 59.8 21.3 31.9#





#17

tert-Butyl alcohol

Concen: 33.314 ppbv

RT: 4.36 min Scan# 442

Delta R.T. 0.01 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612

Tot Ion: 59 Resp: 3376822

Ion Ratio Lower Upper

59 100

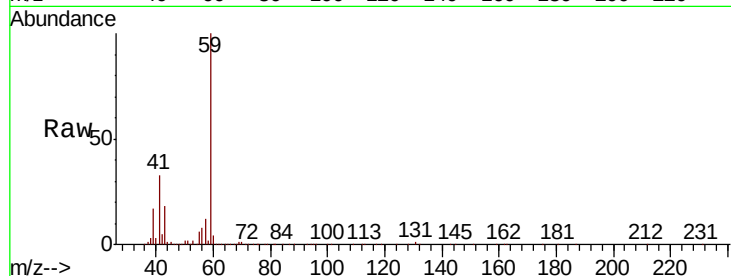
57 11.2 8.4 12.6

Manual Integrations

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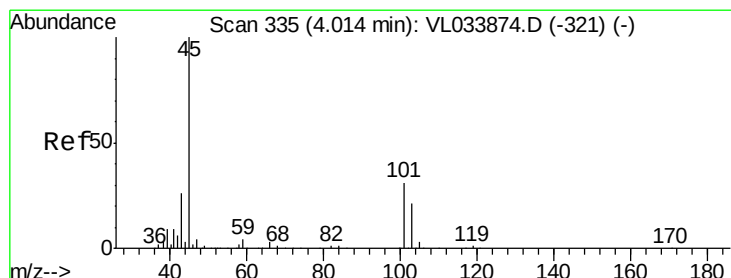
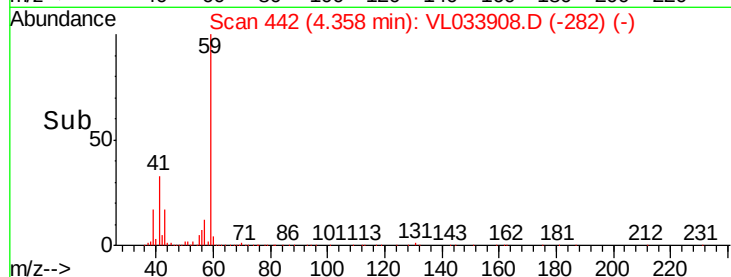
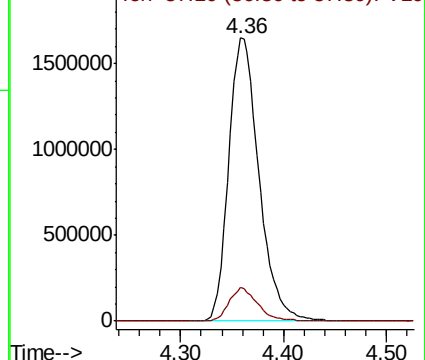
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Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#19

Isopropyl Alcohol

Concen: 47.408 ppbv

RT: 4.03 min Scan# 340

Delta R.T. 0.02 min

Lab File: VL033908.D

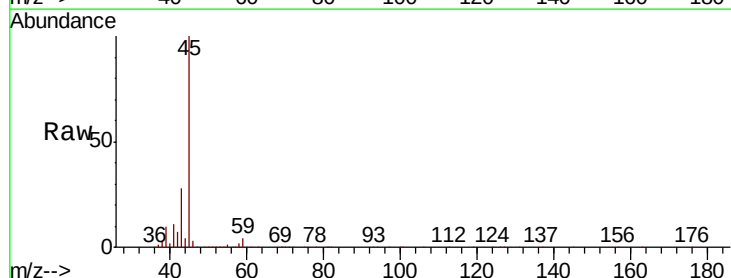
Acq: 13 Jun 2019 22:08

Tgt Ion: 45 Resp: 3511710

Ion Ratio Lower Upper

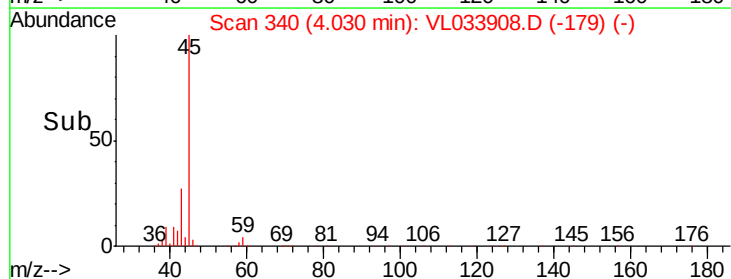
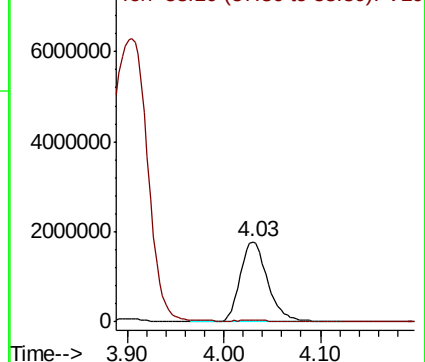
45 100

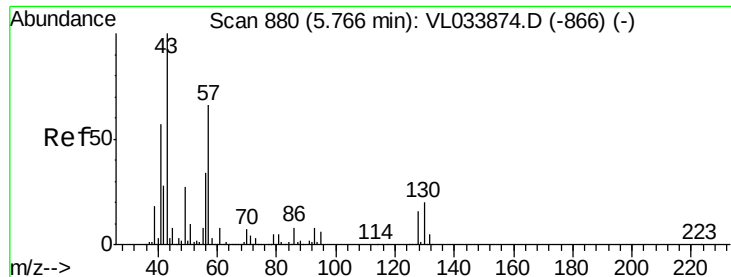
58 0.0 1.8 2.6#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#26

Hexane

Concen: 2.845 ppbv

RT: 5.77 min Scan# 880

Delta R.T. 0.00 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

Instrument :

MSVOA_L

ClientSampled :

SG-3R-20190612

Tot Ion: 57 Resp: 255772

Ion Ratio Lower Upper

57 100

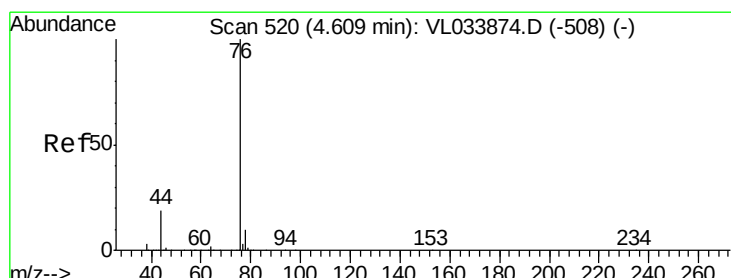
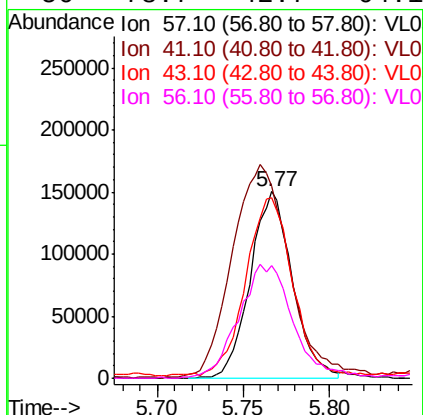
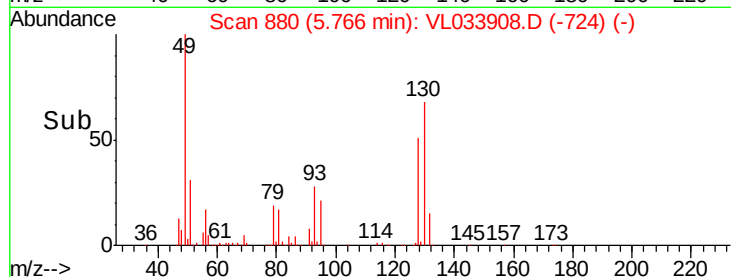
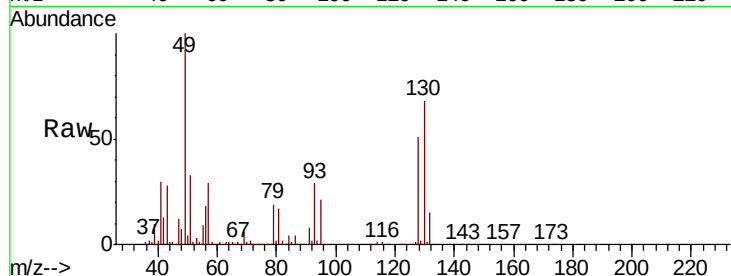
41 155.5 71.4 107.2#

43 105.2 183.7 275.5#

56 78.7 42.7 64.1#

Manual Integrations
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#27

Carbon Disulfide

Concen: 4.986 ppbv

RT: 4.61 min Scan# 520

Delta R.T. 0.00 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

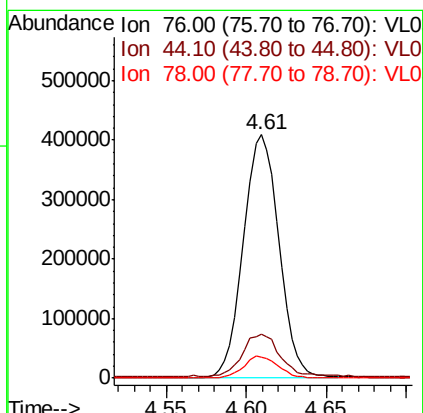
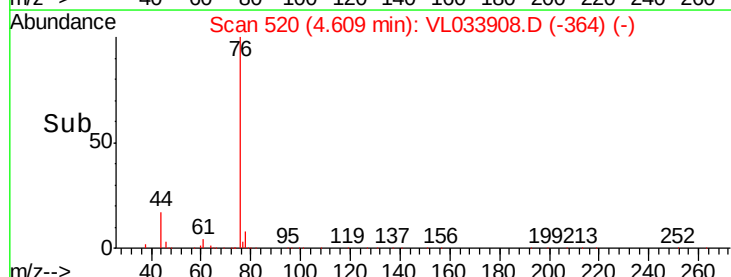
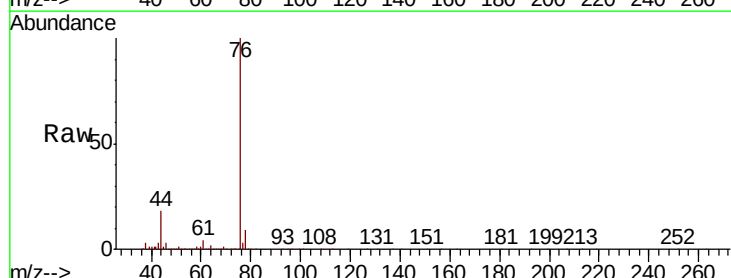
Tgt Ion: 76 Resp: 622819

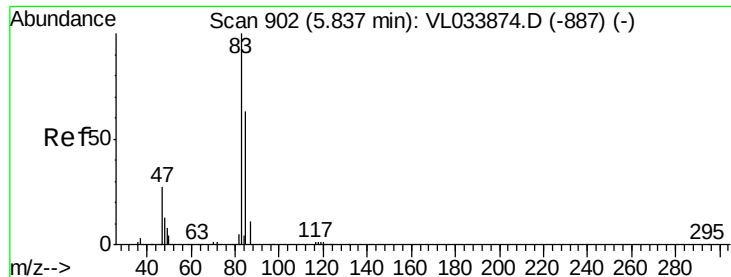
Ion Ratio Lower Upper

76 100

44 18.9 14.4 21.6

78 8.7 7.5 11.3





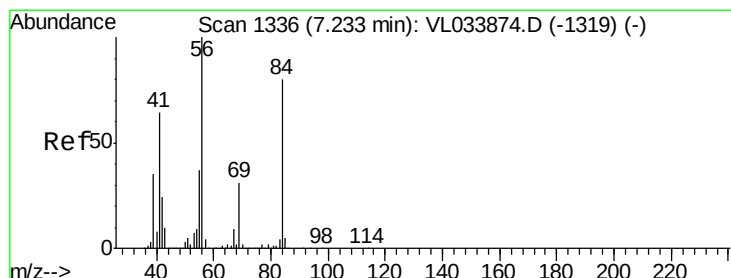
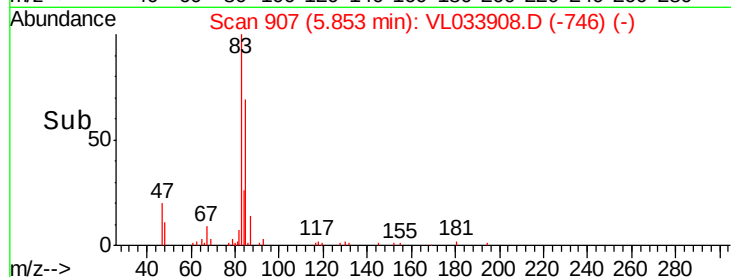
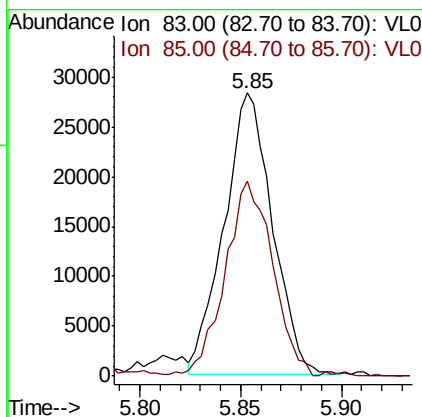
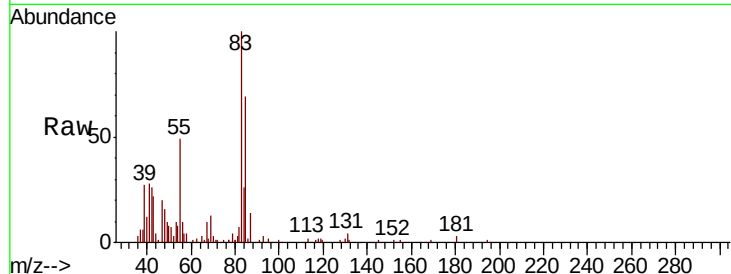
#29
Chloroform
Concen: 0.306 ppbv
RT: 5.85 min Scan# 907
Delta R.T. 0.02 min
Lab File: VL033908.D
Acq: 13 Jun 2019 22:08

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612

Tot Ion	83	Resp	47114
Ion Ratio	Lower	Upper	
83	100		
85	68.1	50.5	75.7

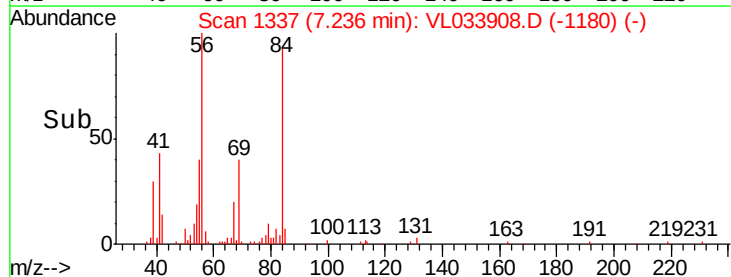
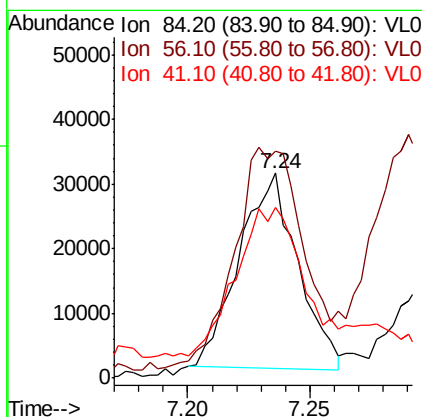
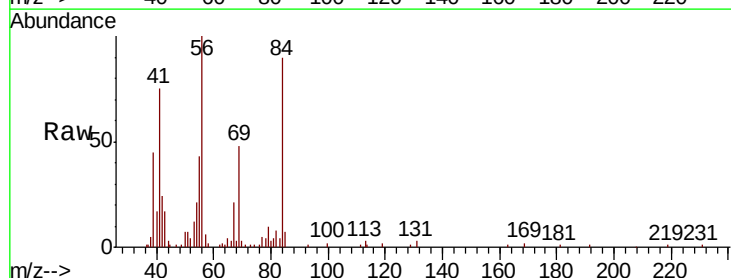
Manual Integrations
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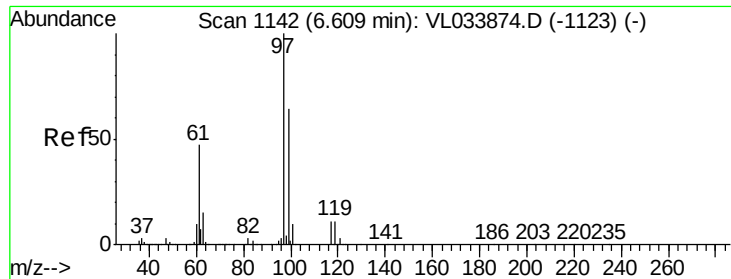
MMDadoda
6/17/2019 12:37:12 AM



#30
Cyclohexane
Concen: 0.792 ppbv
RT: 7.24 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VL033908.D
Acq: 13 Jun 2019 22:08

Tgt Ion	84	Resp	50340
Ion Ratio	Lower	Upper	
84	100		
56	139.2	105.8	158.8
41	109.5	65.7	98.5#





#32

1,1,1-Trichloroethane

Concen: 0.048 ppbv m

RT: 6.62 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

Instrument :

MSVOA_L

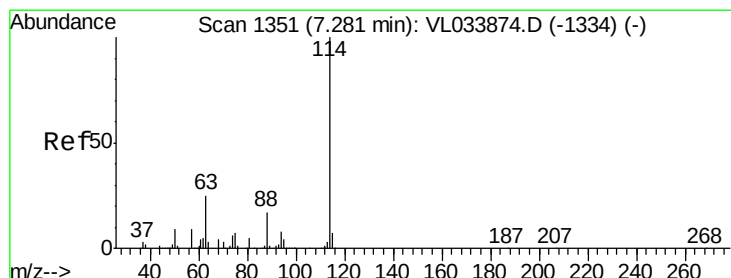
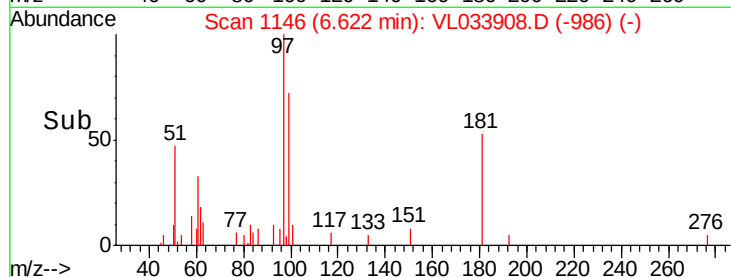
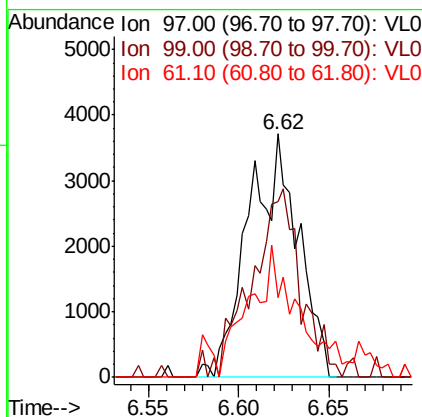
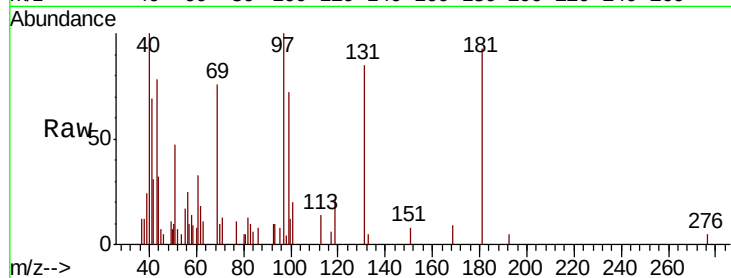
ClientSampled :

SG-3R-20190612

Tot Ion:	97	Resp:	7135
Ion	Ratio	Lower	Upper
97	100		
99	78.2	51.7	77.5#
61	62.3	37.7	56.5#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

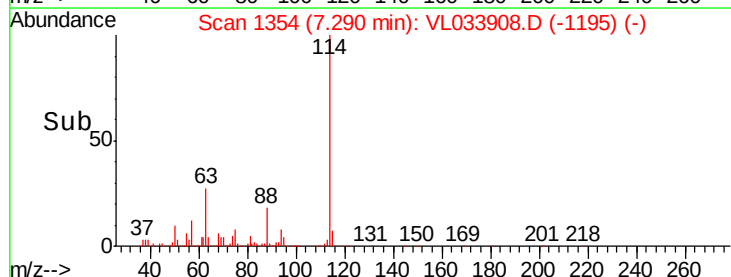
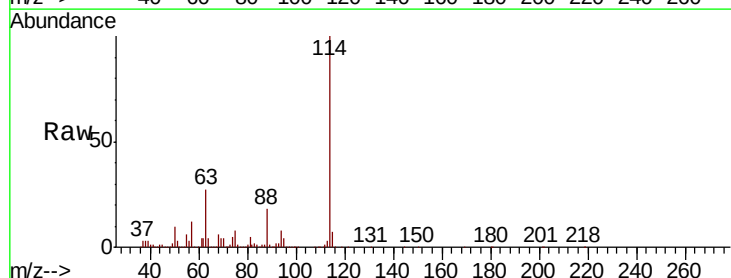
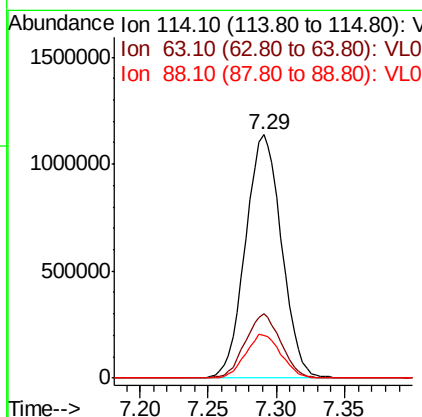
RT: 7.29 min Scan# 1354

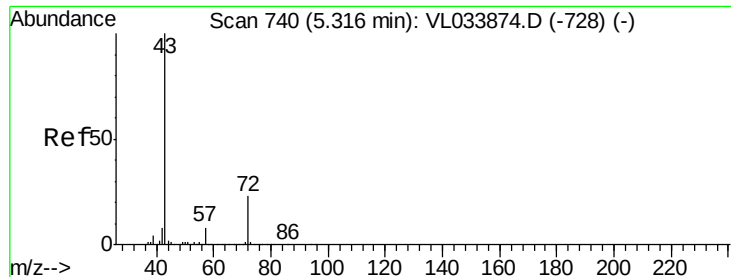
Delta R.T. 0.01 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

Tgt Ion:	114	Resp:	2092165
Ion	Ratio	Lower	Upper
114	100		
63	26.2	21.1	31.7
88	17.9	14.2	21.4





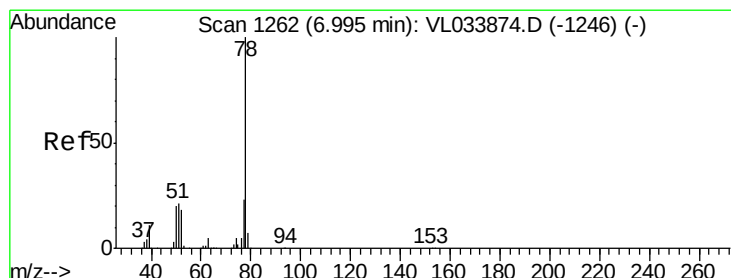
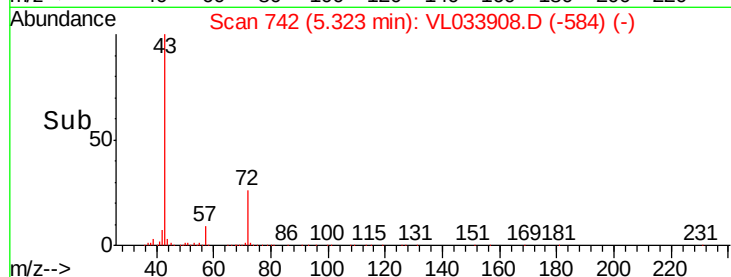
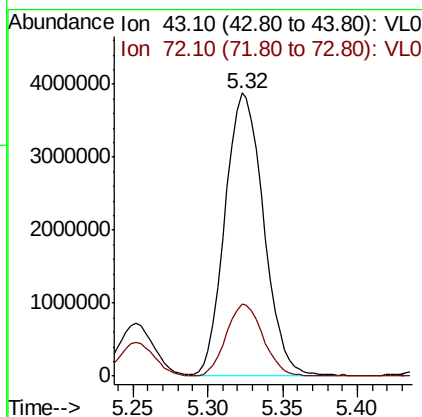
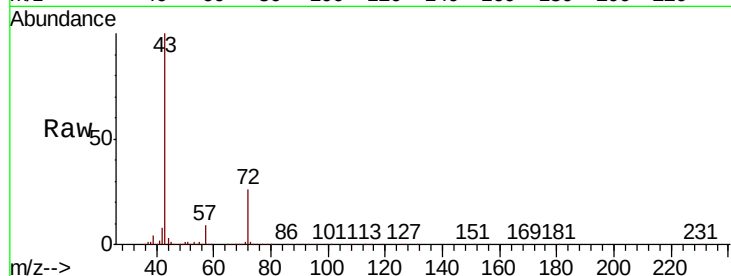
#34
2-Butanone
Concen: 58.625 ppbv
RT: 5.32 min Scan# 742
Delta R.T. 0.01 min
Lab File: VL033908.D
Acq: 13 Jun 2019 22:08

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612

Tot Ion: 43 Resp: 6919439
Ion Ratio Lower Upper
43 100
72 24.6 17.9 26.9

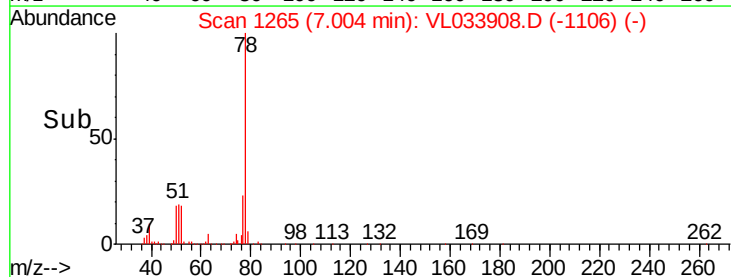
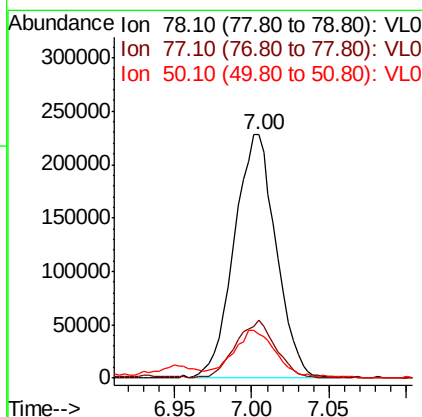
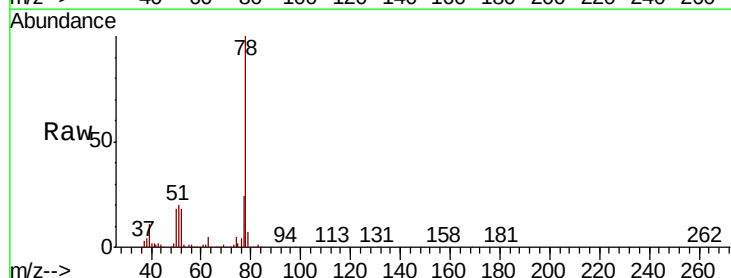
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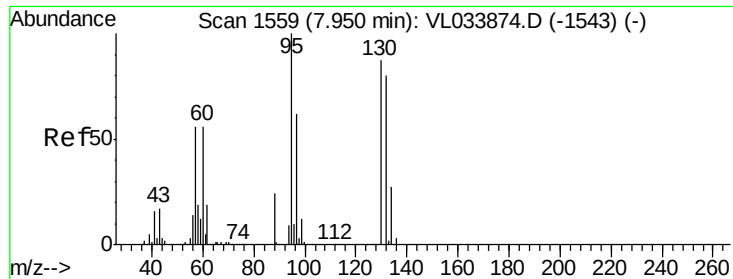
MMDadoda
6/17/2019 12:37:12 AM



#36
Benzene
Concen: 2.655 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VL033908.D
Acq: 13 Jun 2019 22:08

Tgt Ion: 78 Resp: 424334
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.2
50 17.5 15.9 23.9





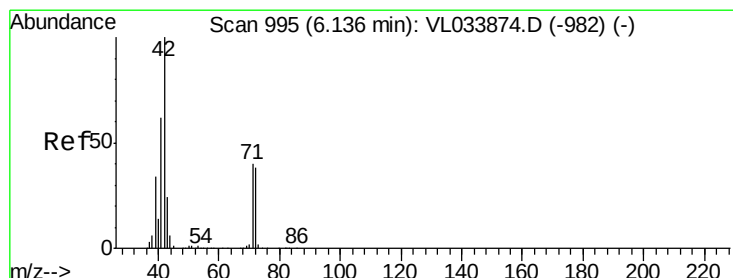
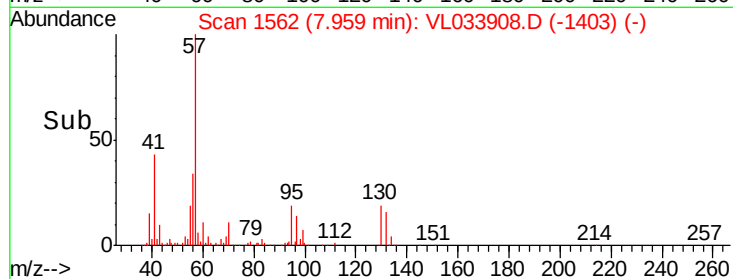
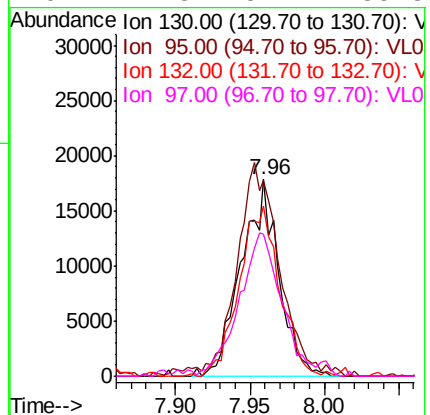
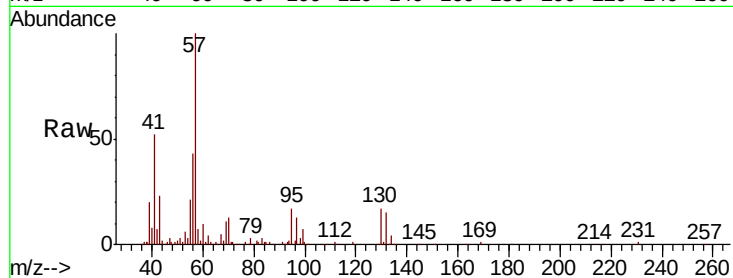
#38
 Trichloroethene
 Concen: 0.506 ppbv m
 RT: 7.96 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: VL033908.D
 Acq: 13 Jun 2019 22:08

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3R-20190612

Tot Ion:	130	Resp:	31471
Ion Ratio	Lower	Upper	
130	100		
95	99.5	92.0	138.0
132	86.4	73.8	110.8
97	72.3	57.2	85.8

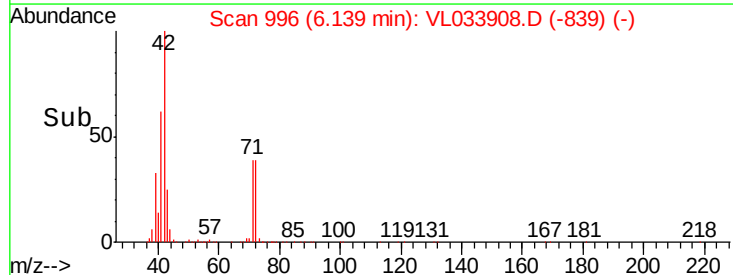
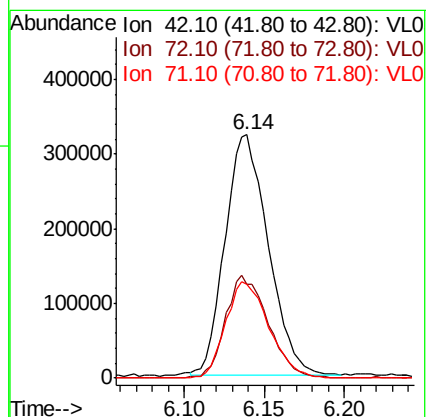
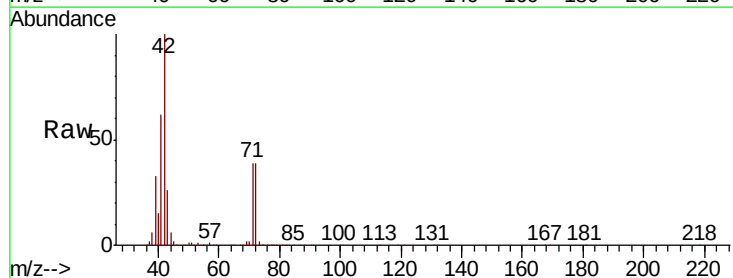
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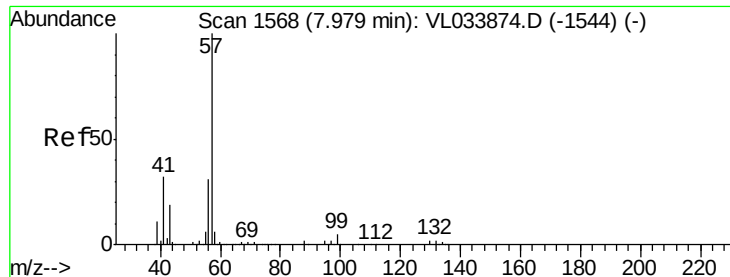
MMDadoda
 6/17/2019 12:37:12 AM



#41
 Tetrahydrofuran
 Concen: 9.883 ppbv
 RT: 6.14 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: VL033908.D
 Acq: 13 Jun 2019 22:08

Tgt Ion:	42	Resp:	592066
Ion Ratio	Lower	Upper	
42	100		
72	42.3	32.2	48.4
71	40.5	31.7	47.5





#44

2,2,4-Trimethylpentane

Concen: 1.787 ppbv

RT: 7.98 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612

Tot Ion: 57 Resp: 508007

Ion Ratio Lower Upper

57 100

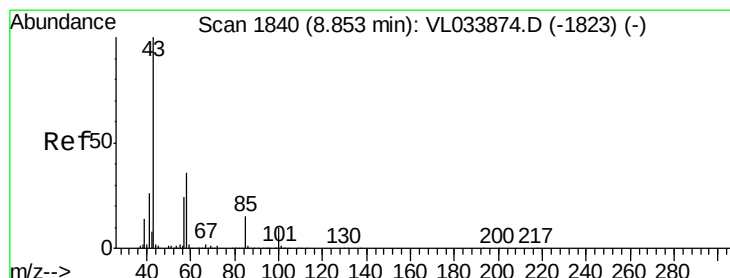
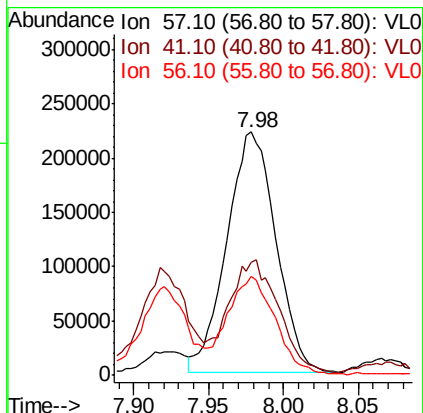
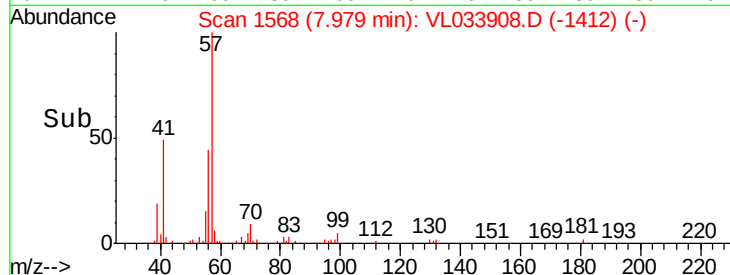
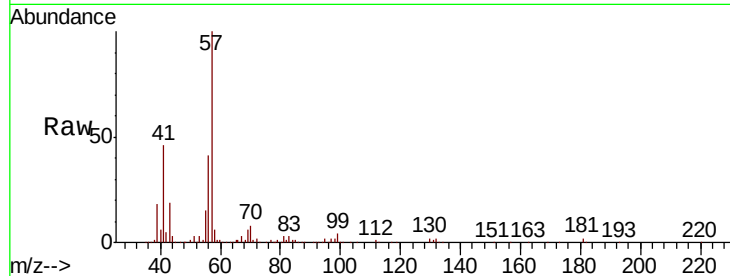
41 46.4 26.1 39.1#

56 38.4 24.6 36.8#

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#50

4-Methyl-2-Pentanone

Concen: 1.294 ppbv

RT: 8.86 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VL033908.D

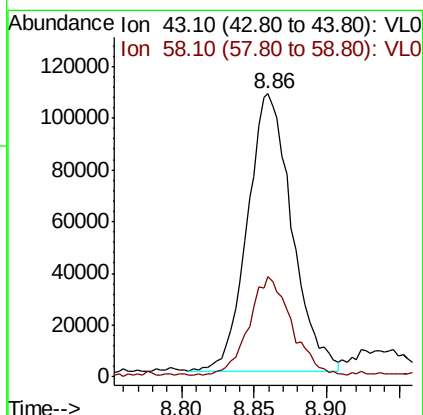
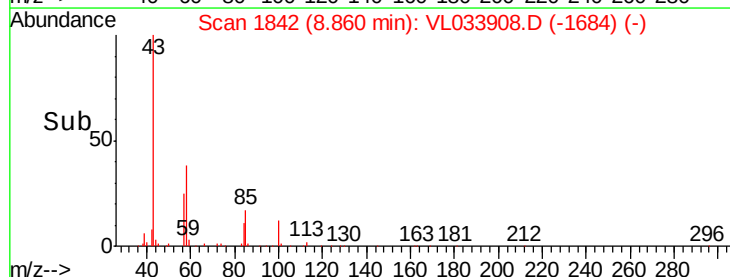
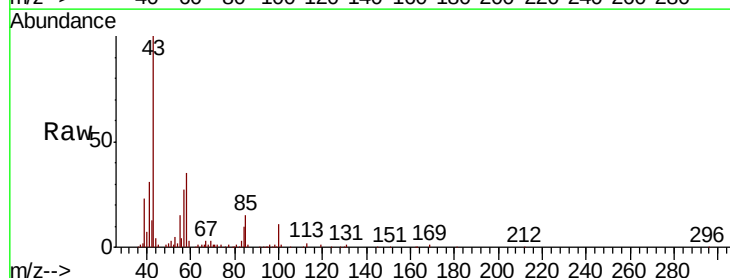
Acq: 13 Jun 2019 22:08

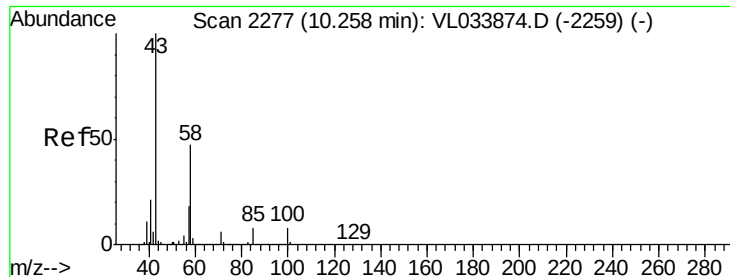
Tgt Ion: 43 Resp: 227795

Ion Ratio Lower Upper

43 100

58 34.1 28.6 42.8





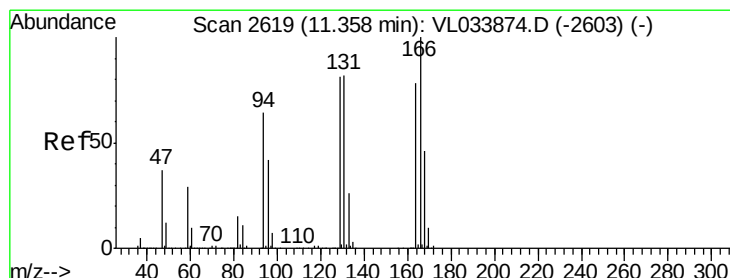
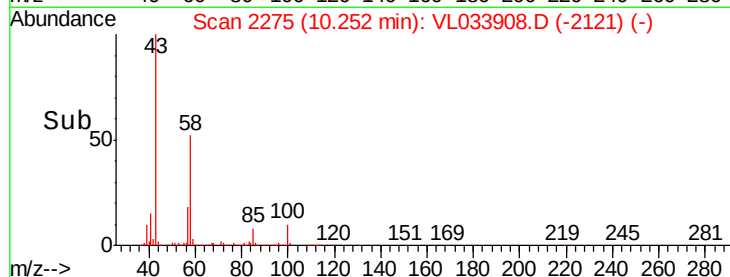
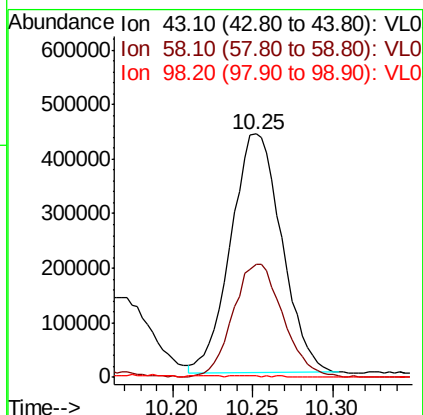
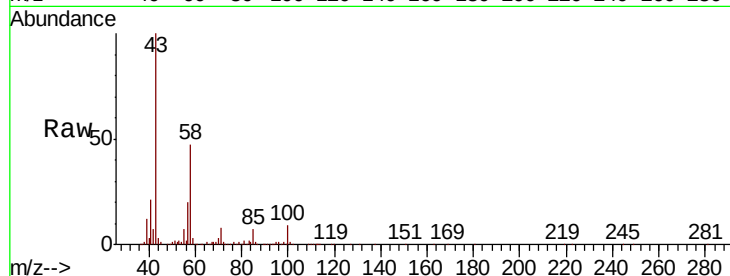
#51
2-Hexanone
Concen: 6.924 ppbv
RT: 10.25 min Scan# 2275
Delta R.T. -0.01 min
Lab File: VL033908.D
Acq: 13 Jun 2019 22:08

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612

Tot Ion	Ratio	Lower	Upper
43	100		
58	46.7	38.2	57.4
98	1.0	0.2	0.2#

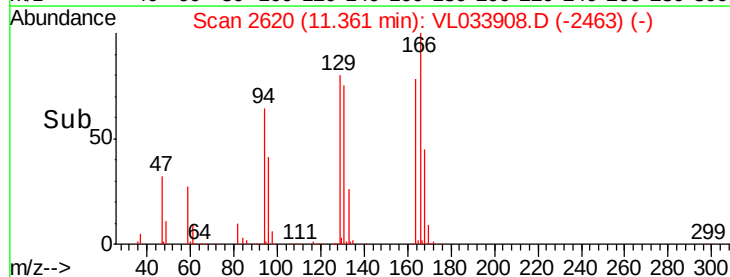
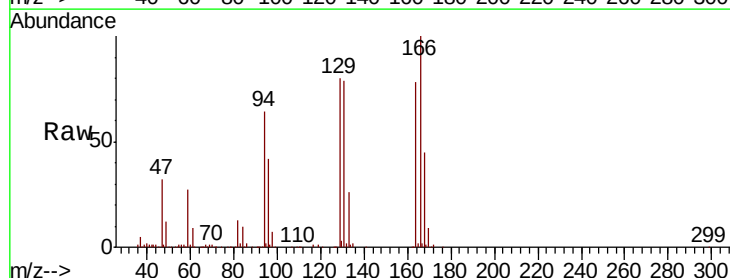
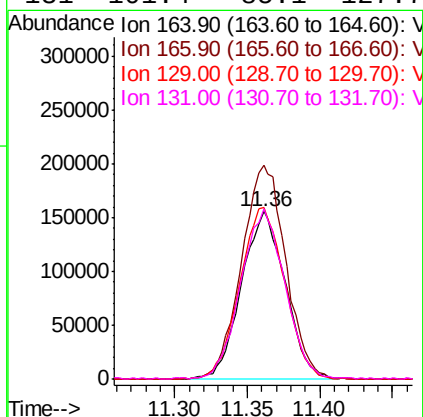
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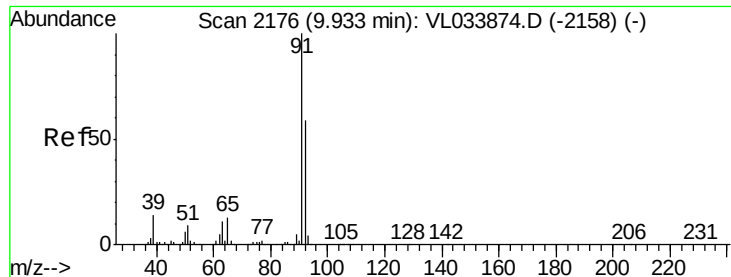
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#52
Tetrachloroethene
Concen: 5.802 ppbv
RT: 11.36 min Scan# 2620
Delta R.T. 0.00 min
Lab File: VL033908.D
Acq: 13 Jun 2019 22:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	103.1	154.7
129	102.3	83.9	125.9
131	101.4	85.1	127.7





#53

Toluene

Concen: 7.758 ppbv

RT: 9.94 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612

Tot Ion: 91 Resp: 1372108

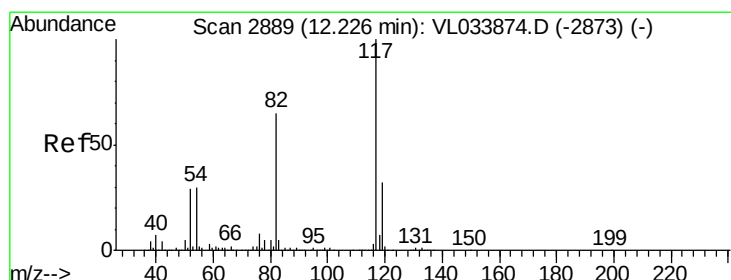
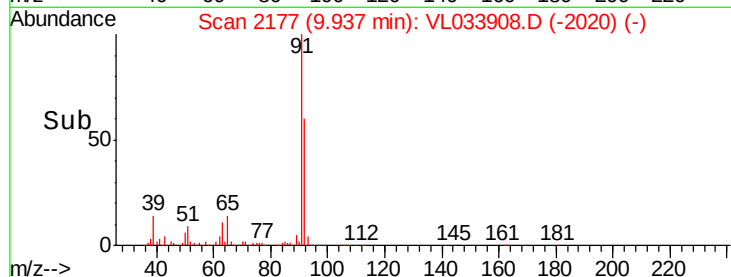
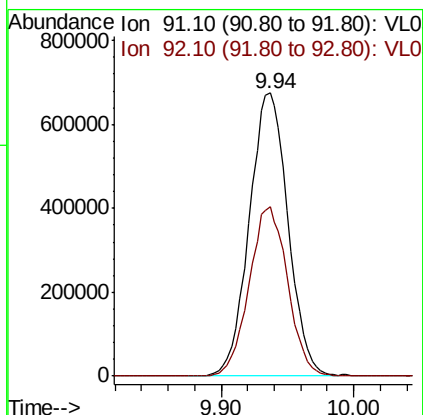
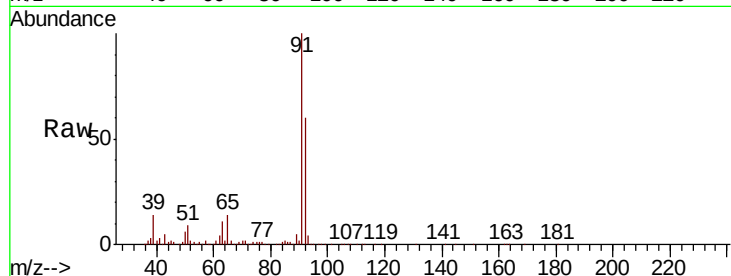
Ion Ratio Lower Upper

91 100

92 59.6 47.0 70.6

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.23 min Scan# 2889

Delta R.T. 0.00 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

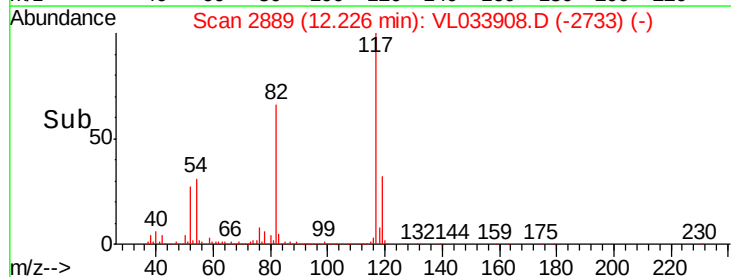
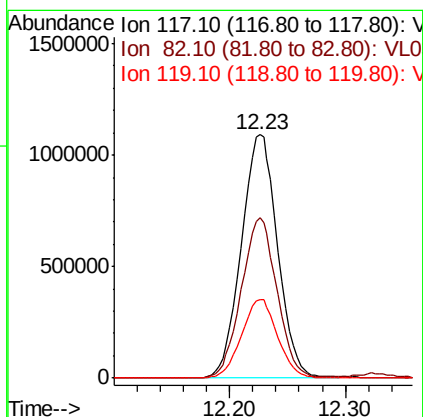
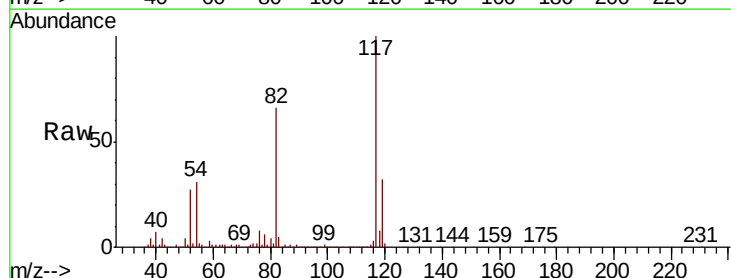
Tgt Ion: 117 Resp: 2373366

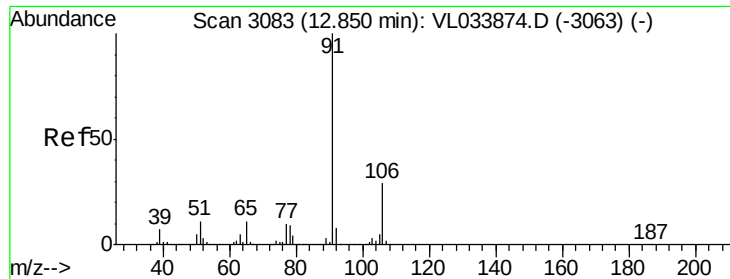
Ion Ratio Lower Upper

117 100

82 64.8 50.2 75.2

119 32.3 24.8 37.2





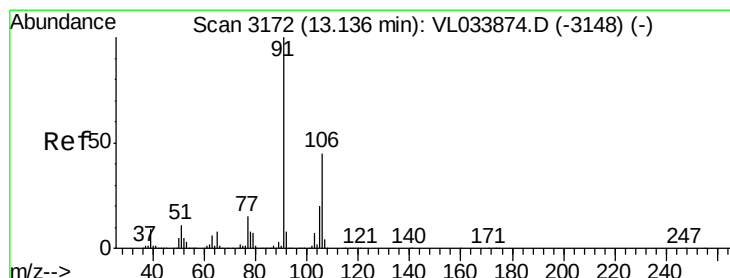
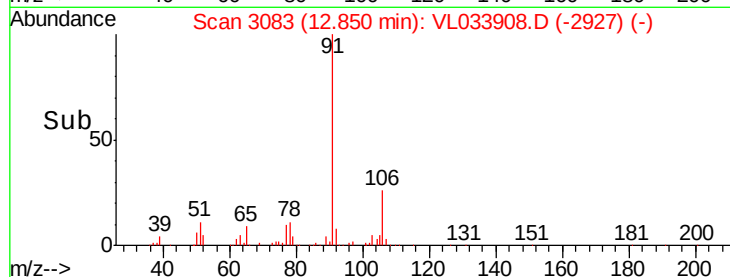
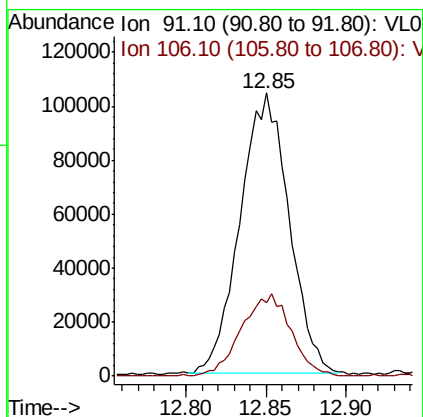
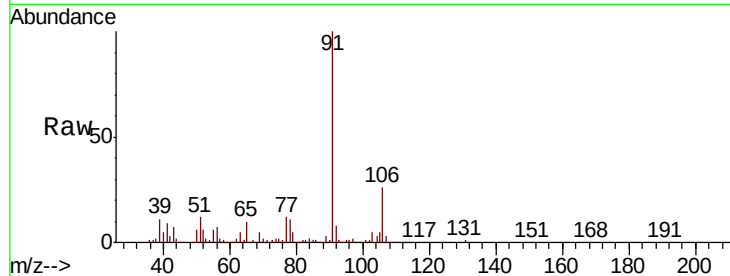
#58
Ethyl Benzene
Concen: 0.813 ppbv
RT: 12.85 min Scan# 3083
Delta R.T. 0.00 min
Lab File: VL033908.D
Acq: 13 Jun 2019 22:08

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612

Tot Ion: 91 Resp: 217454
Ion Ratio Lower Upper
91 100
106 26.1 23.0 34.6

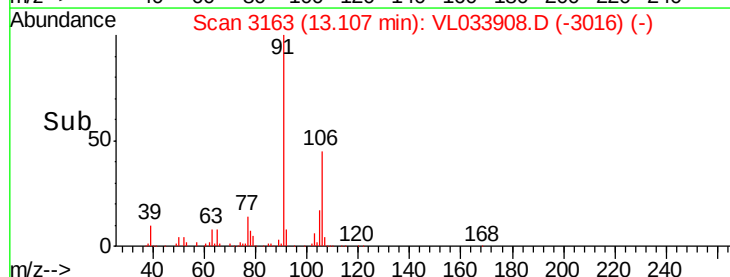
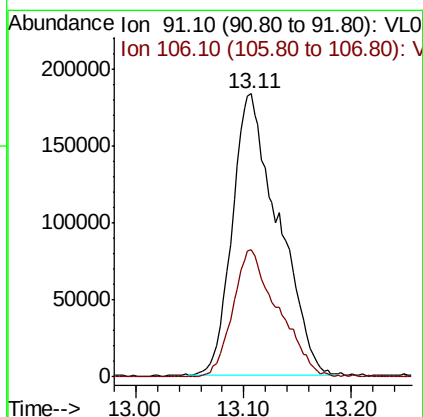
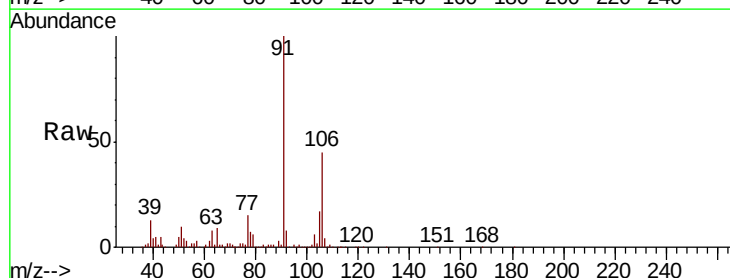
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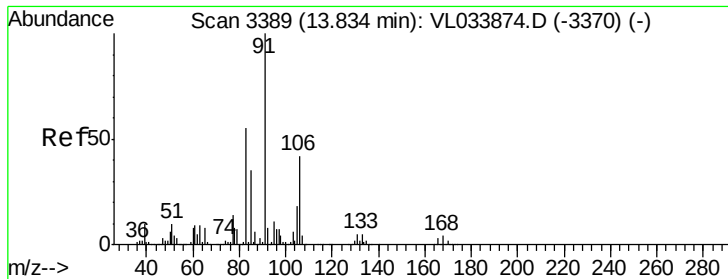
MMDadoda
6/17/2019 12:37:12 AM



#59
m/p-Xylene
Concen: 2.230 ppbv
RT: 13.11 min Scan# 3163
Delta R.T. -0.03 min
Lab File: VL033908.D
Acq: 13 Jun 2019 22:08

Tgt Ion: 91 Resp: 542715
Ion Ratio Lower Upper
91 100
106 44.6 35.8 53.8





#60

o-Xylene

Concen: 1.106 ppbv

RT: 13.83 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612

Tot Ion: 91 Resp: 277921

Ion Ratio Lower Upper

91 100

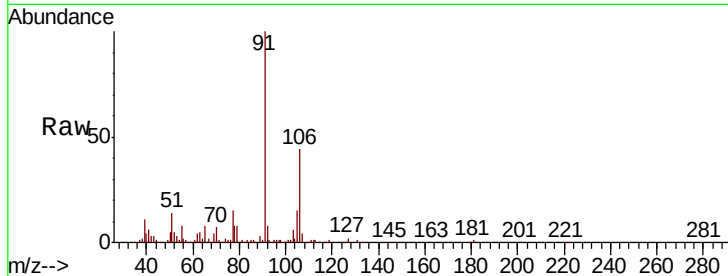
106 43.2 21.7 65.1

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

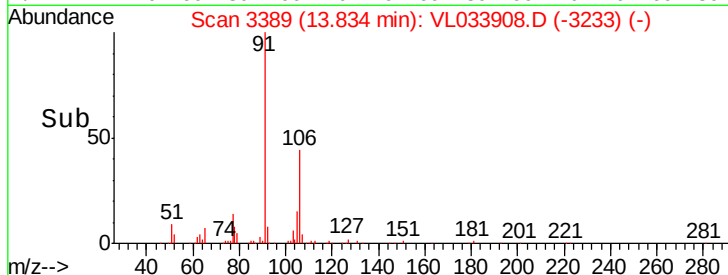
150000

100000

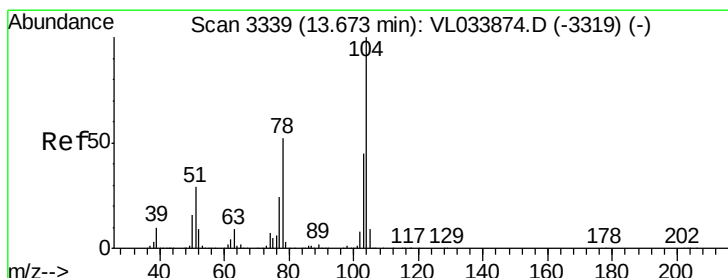
50000

0

Time-->



Time-->



#61

Styrene

Concen: 0.786 ppbv

RT: 13.67 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

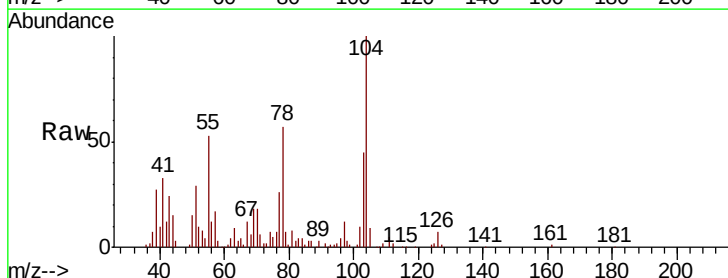
Tgt Ion: 104 Resp: 127866

Ion Ratio Lower Upper

104 100

78 58.7 43.4 65.0

103 46.1 37.6 56.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V

80000

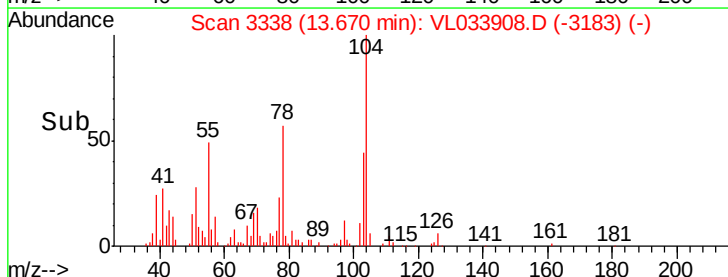
60000

40000

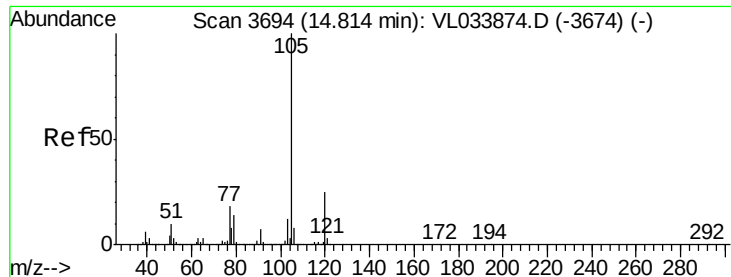
20000

0

Time-->



Time-->



#62

Isopropylbenzene

Concen: 0.535 ppbv

RT: 14.81 min Scan# 3692

Delta R.T. -0.01 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612

Tot Ion:105 Resp: 181174

Ion Ratio Lower Upper

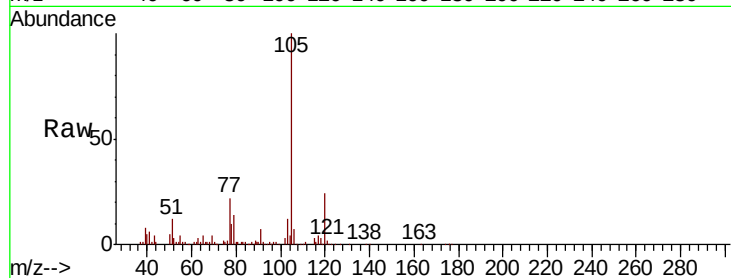
105 100

120 25.7 20.3 30.5

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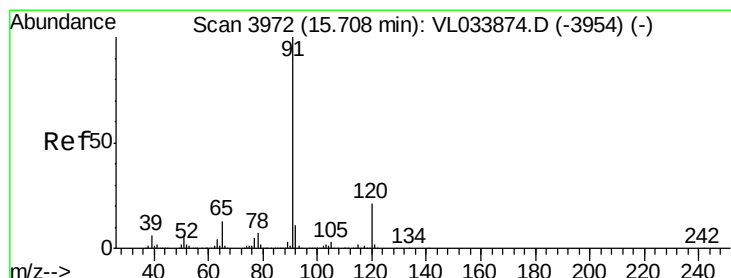
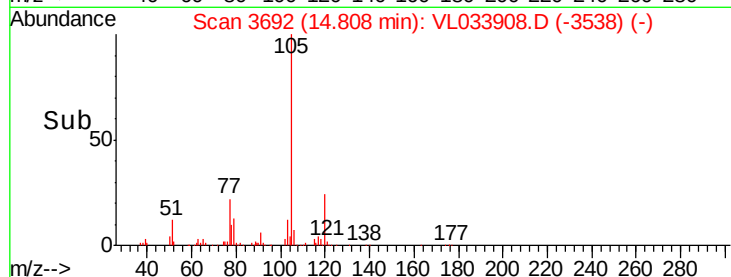
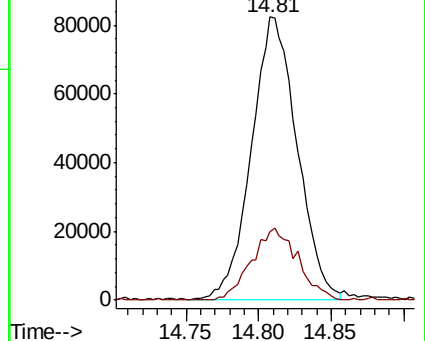
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 2.175 ppbv

RT: 15.70 min Scan# 3970

Delta R.T. -0.01 min

Lab File: VL033908.D

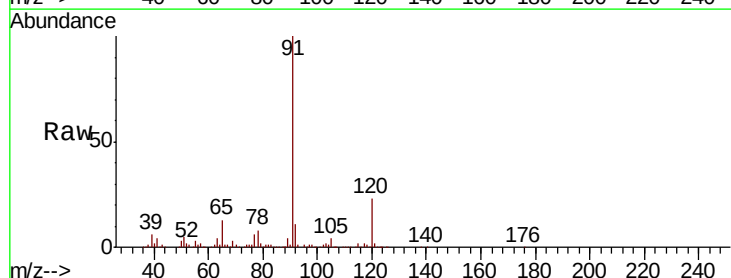
Acq: 13 Jun 2019 22:08

Tgt Ion:120 Resp: 188630

Ion Ratio Lower Upper

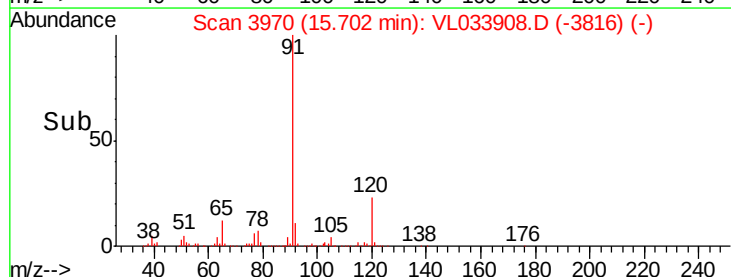
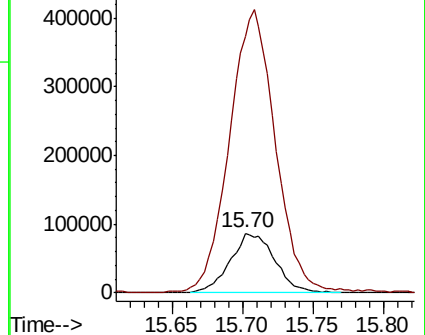
120 100

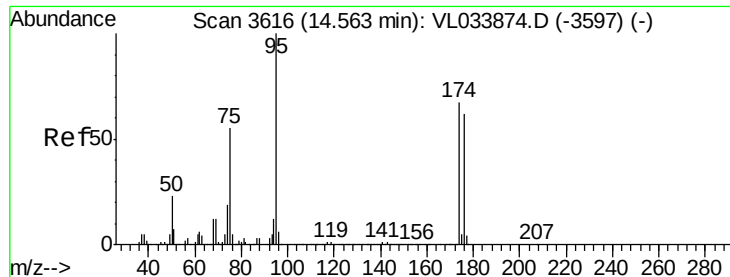
91 495.7 387.0 580.6



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





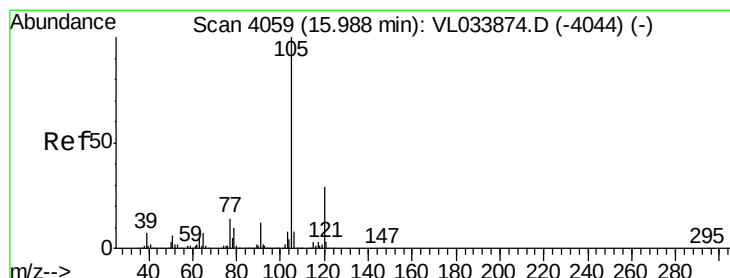
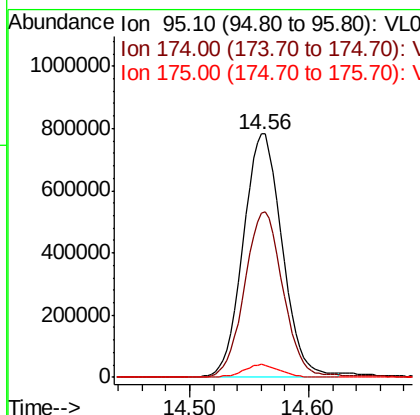
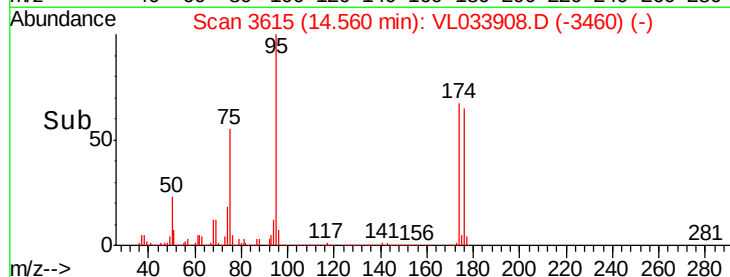
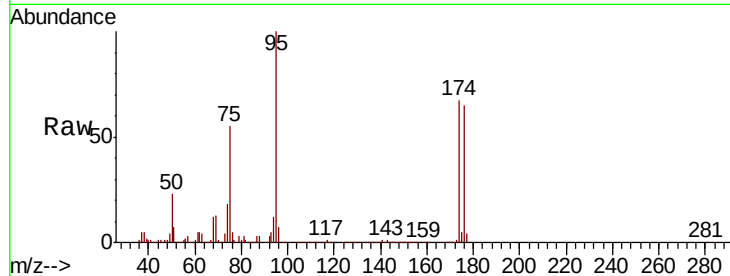
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.111 ppbv
 RT: 14.56 min Scan# 3615
 Delta R.T. -0.00 min
 Lab File: VL033908.D
 Acq: 13 Jun 2019 22:08

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3R-20190612

Tot Ion: 95 Resp: 1776146
 Ion Ratio Lower Upper
 95 100
 174 68.2 54.0 81.0
 175 4.9 3.8 5.8

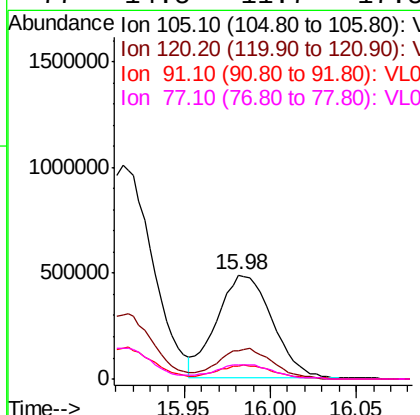
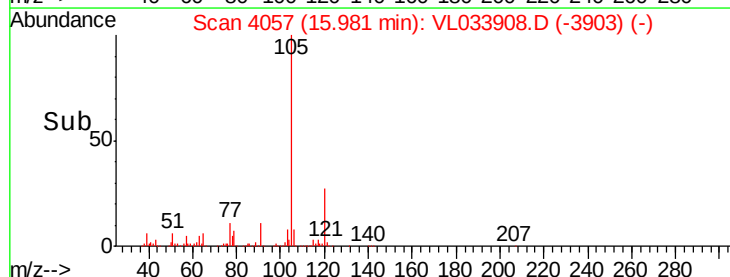
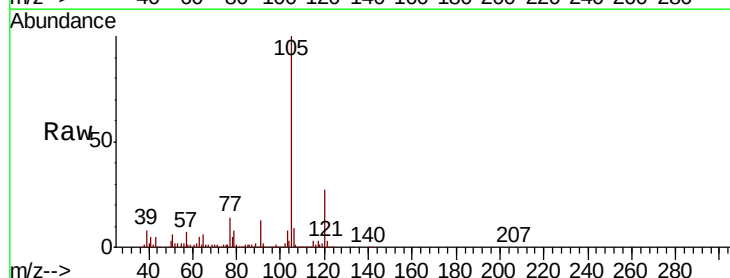
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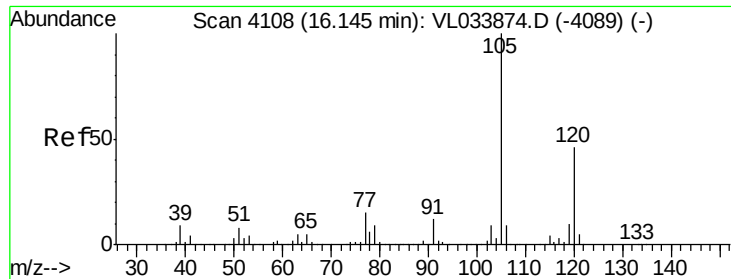
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#72
 4-Ethyltoluene
 Concen: 3.816 ppbv
 RT: 15.98 min Scan# 4057
 Delta R.T. -0.01 min
 Lab File: VL033908.D
 Acq: 13 Jun 2019 22:08

Tgt Ion: 105 Resp: 1090899
 Ion Ratio Lower Upper
 105 100
 120 29.7 23.5 35.3
 91 13.8 10.4 15.6
 77 14.5 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 2.884 ppbv

RT: 16.14 min Scan# 4106

Delta R.T. -0.01 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612

Tot Ion:105 Resp: 812255

Ion Ratio Lower Upper

105 100

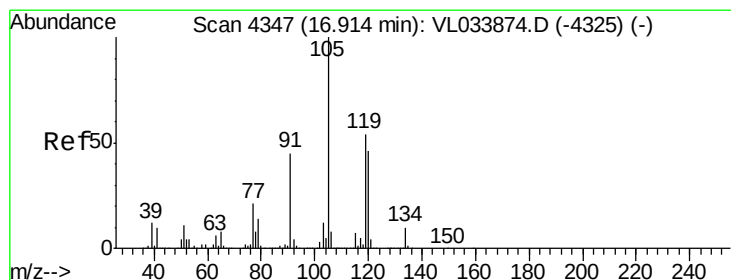
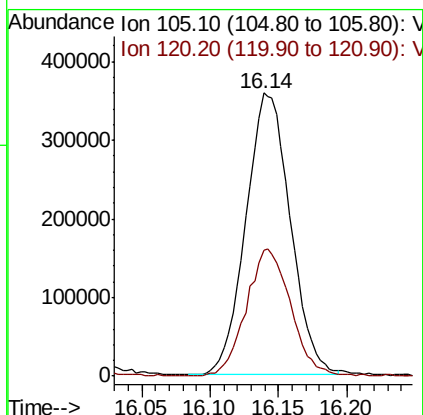
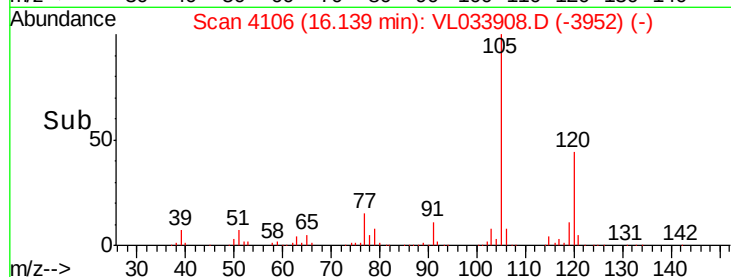
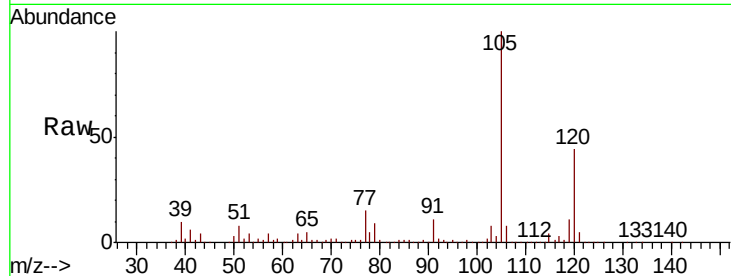
120 44.4 37.1 55.7

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#74

1,2,4-Trimethylbenzene

Concen: 5.516 ppbv

RT: 16.91 min Scan# 4346

Delta R.T. -0.00 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

Tgt Ion:105 Resp: 1790521

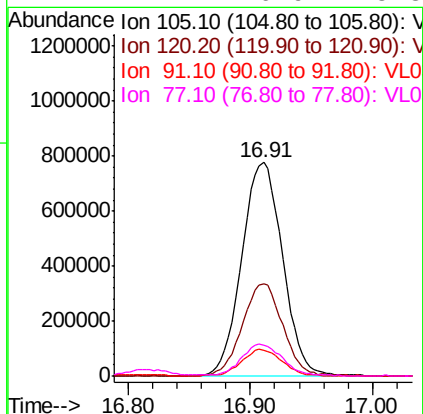
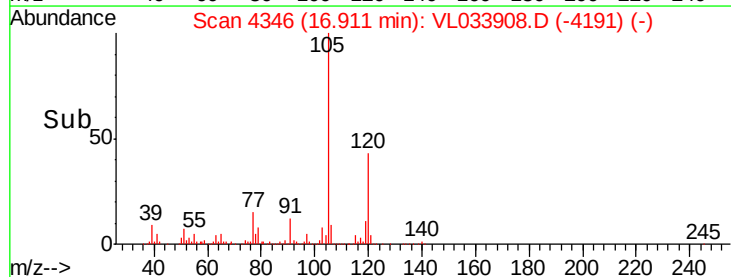
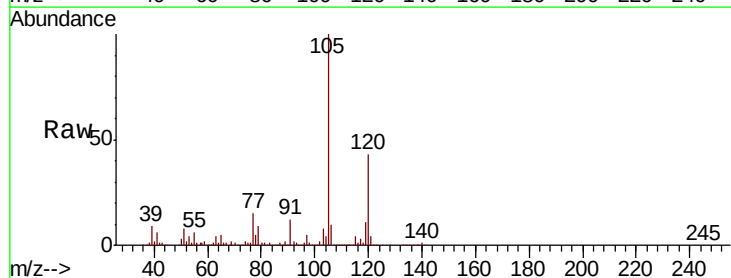
Ion Ratio Lower Upper

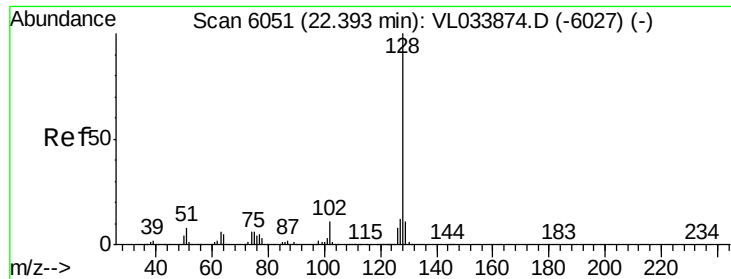
105 100

120 43.1 36.7 55.1

91 11.7 35.8 53.8#

77 14.4 16.9 25.3#





#79

Naphthalene

Concen: 0.124 ppbv m

RT: 22.40 min Scan# 6053

Delta R.T. 0.01 min

Lab File: VL033908.D

Acq: 13 Jun 2019 22:08

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612

Tot Ion:	128	Resp:	32088
Ion Ratio	Lower	Upper	
128	100		
127	12.3	9.7	14.5
129	14.7	8.6	12.8#

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

