

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033911.D
 Acq On : 14 Jun 2019 00:10
 Operator : SY/AP
 Sample : K3357-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3R-20190612-1

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 12:37:18 AM

Quant Time: Jun 14 14:01:22 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	936605	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.29	114	2078693	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2425864	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1767817	8.87	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	88.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	18348m	0.121	ppbv	
3) Chlorodifluoromethane	3.01	51	40357m	0.366	ppbv	
4) Chloromethane	3.16	50	37617	0.598	ppbv #	88
7) Chloroethane	3.60	64	10611	0.460	ppbv	95
9) Propene	3.03	41	369924	8.966	ppbv	96
10) Heptane	8.23	43	268318	2.573	ppbv	98
11) Trichlorofluoromethane	3.99	101	56001	0.286	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.55	101	14383m	0.109	ppbv	
13) Ethanol	3.66	45	460264	34.288	ppbv	97
15) Acetone	3.89	43	26422729m	193.432	ppbv	
17) tert-Butyl alcohol	4.36	59	3362676	31.491	ppbv	99
19) Isopropyl Alcohol	4.03	45	3587517	45.973	ppbv #	94
20) Methylene Chloride	4.42	84	72062	1.353	ppbv	93
27) Carbon Disulfide	4.61	76	513030	3.899	ppbv	97
30) Cyclohexane	7.23	84	56095	0.838	ppbv	95
32) 1,1,1-Trichloroethane	6.62	97	10524m	0.067	ppbv	
34) 2-Butanone	5.33	43	6213838	52.988	ppbv	97
35) Carbon Tetrachloride	7.13	117	17829m	0.111	ppbv	
36) Benzene	7.00	78	405612	2.554	ppbv	97
38) Trichloroethene	7.96	130	35355	0.572	ppbv #	85
41) Tetrahydrofuran	6.14	42	496020	8.334	ppbv	98
44) 2,2,4-Trimethylpentane	7.98	57	411887	1.459	ppbv #	81
50) 4-Methyl-2-Pentanone	8.86	43	199416	1.140	ppbv	94
51) 2-Hexanone	10.25	43	778046	5.698	ppbv #	96
52) Tetrachloroethene	11.36	164	271936	4.867	ppbv	92
53) Toluene	9.94	91	1445161	8.224	ppbv	99
58) Ethyl Benzene	12.85	91	209187	0.765	ppbv	97
59) m/p-Xylene	13.11	91	531044	2.135	ppbv	98
60) o-Xylene	13.83	91	277438	1.080	ppbv	96
61) Styrene	13.67	104	132720	0.799	ppbv	98
62) Isopropylbenzene	14.81	105	190769m	0.551	ppbv	
64) n-propylbenzene	15.71	120	186370	2.103	ppbv	99
67) sec-Butylbenzene	17.44	105	46434	0.103	ppbv	94
72) 4-Ethyltoluene	15.98	105	1063429	3.639	ppbv	98
73) 1,3,5-Trimethylbenzene	16.15	105	787624	2.736	ppbv	99
74) 1,2,4-Trimethylbenzene	16.91	105	1733866	5.226	ppbv #	74
79) Naphthalene	22.39	128	43156m	0.163	ppbv	

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

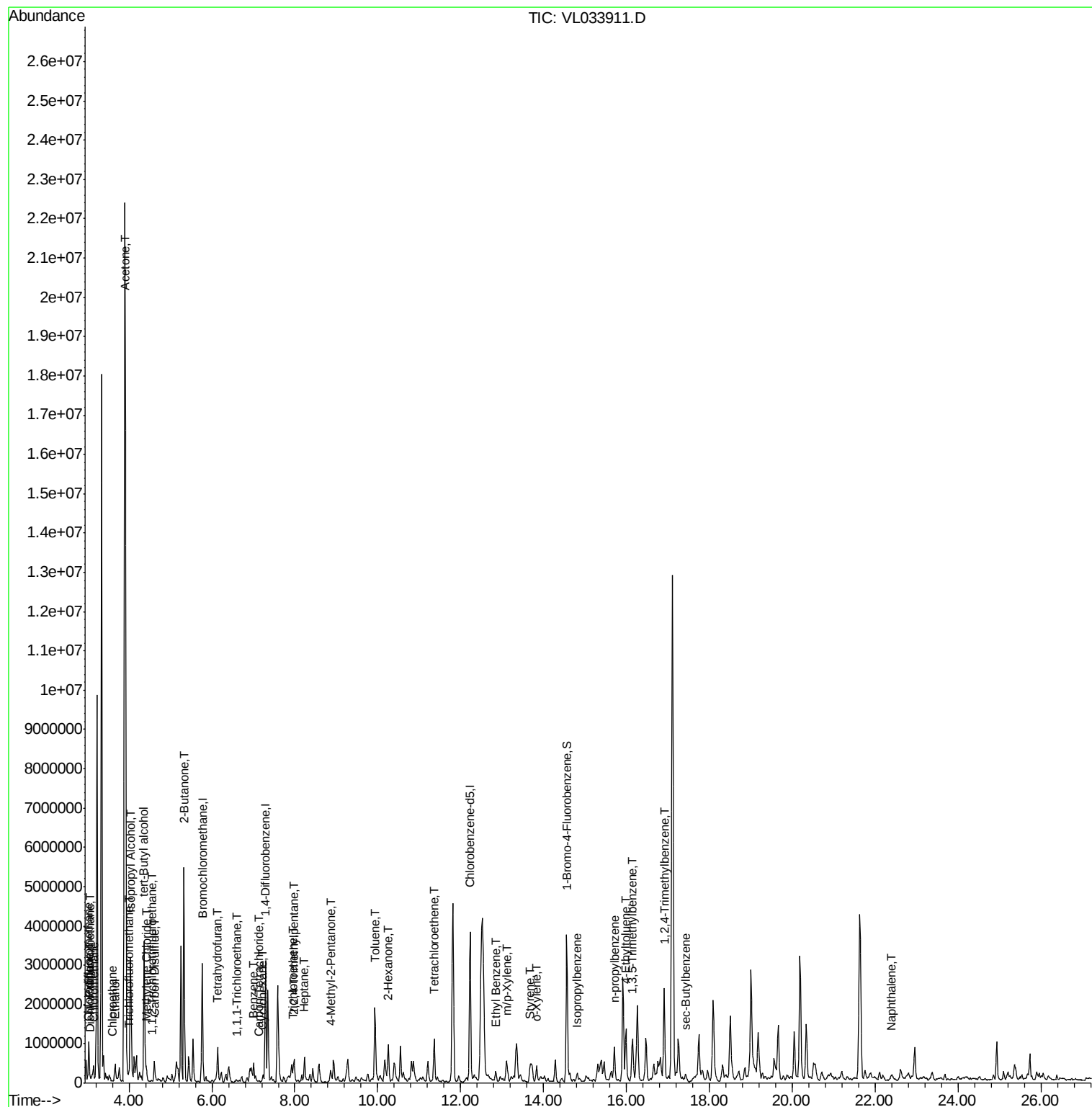
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
Data File : VL033911.D
Acq On : 14 Jun 2019 00:10
Operator : SY/AP
Sample : K3357-03
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

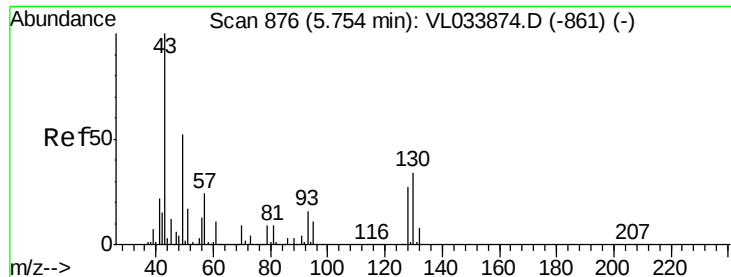
Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612-1

Manual Integrations
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Quant Time: Jun 14 14:01:22 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# 880

Delta R.T. 0.01 min

Lab File: VL033911.D

Acq: 14 Jun 2019 00:10

Instrument :

MSVOA_L

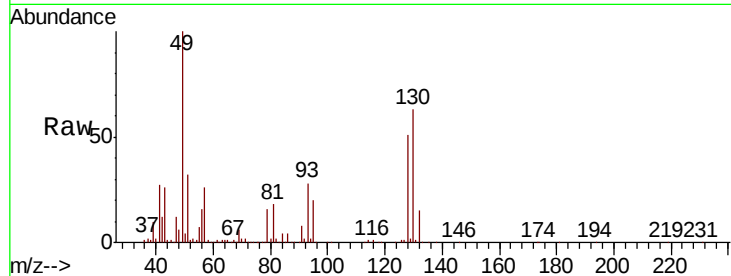
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SG-3R-20190612-1

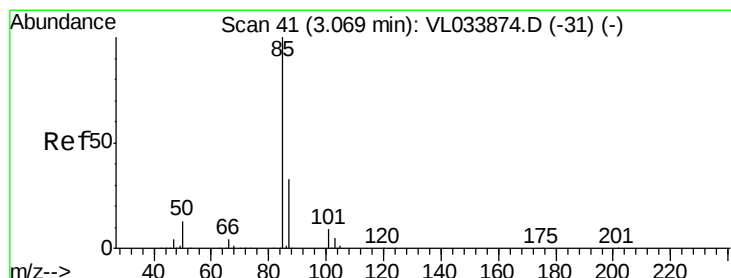
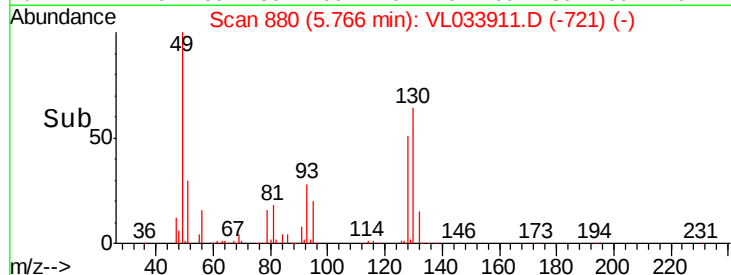
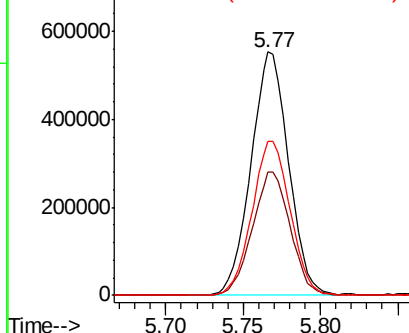
Tot Ion:	49	Resp:	936605
Ion Ratio	Lower	Upper	
49	100		
128	51.1	25.5	76.5
130	64.3	32.5	97.4

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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: 0.121 ppbv m

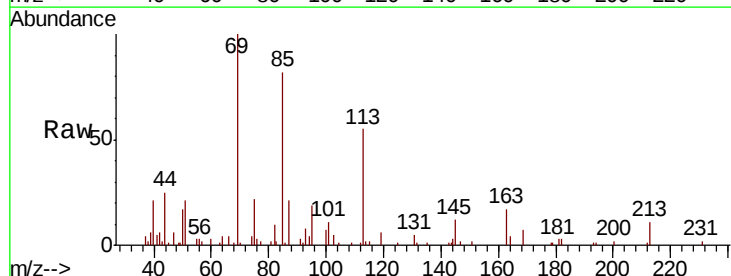
RT: 3.07 min Scan# 41

Delta R.T. -0.00 min

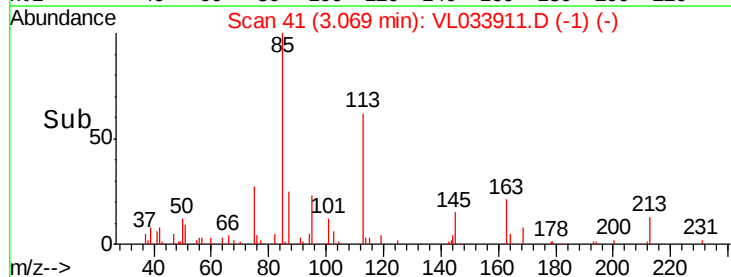
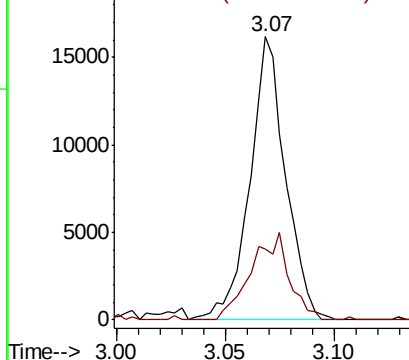
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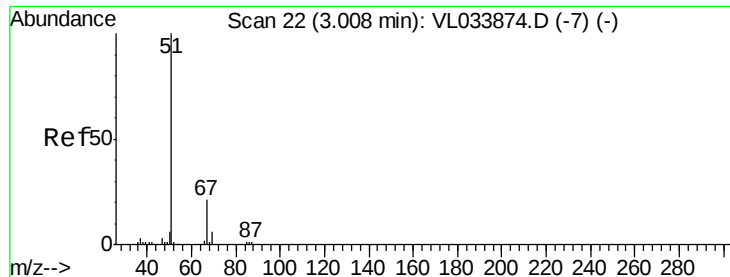
Acq: 14 Jun 2019 00:10

Tgt Ion:	85	Resp:	18348
Ion Ratio	Lower	Upper	
85	100		
87	25.2	26.6	40.0#



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





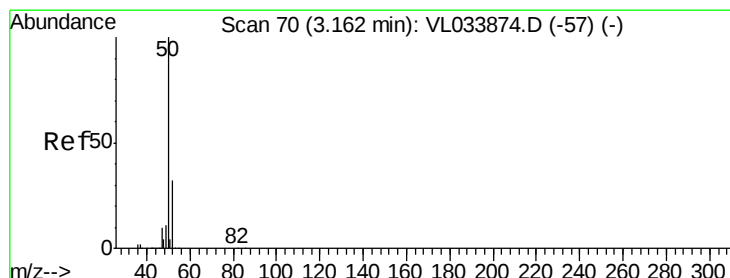
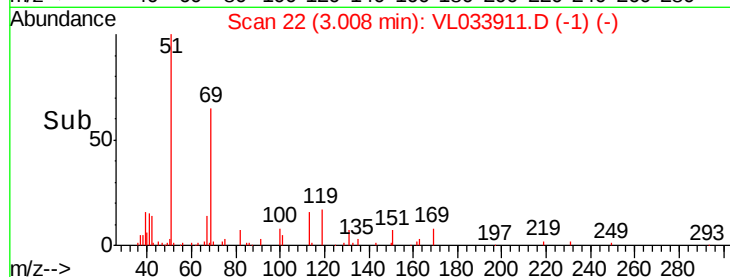
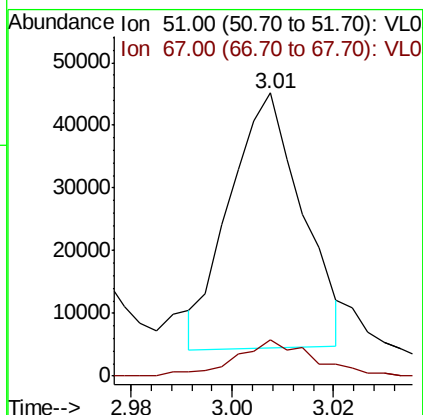
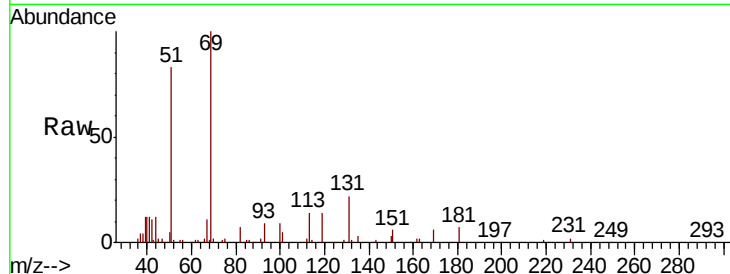
#3
Chlorodifluoromethane
Concen: 0.366 ppbv
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612-1

Tot Ion: 51 Resp: 40357
Ion Ratio Lower Upper
51 100
67 15.4 16.4 24.6#

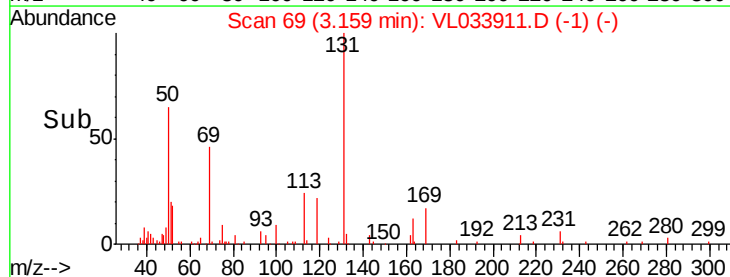
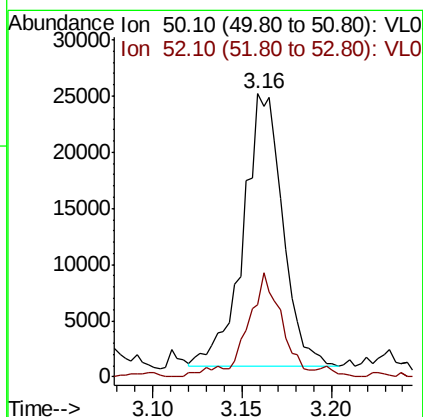
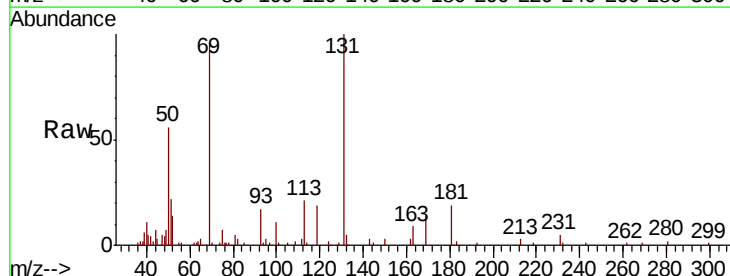
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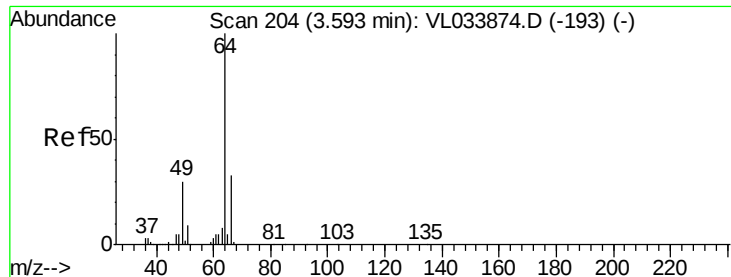
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#4
Chloromethane
Concen: 0.598 ppbv
RT: 3.16 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Tgt Ion: 50 Resp: 37617
Ion Ratio Lower Upper
50 100
52 25.1 25.4 38.0#





#7

Chloroethane

Concen: 0.460 ppbv

RT: 3.60 min Scan# 205

Delta R.T. 0.00 min

Lab File: VL033911.D

Acq: 14 Jun 2019 00:10

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612-1

Tot Ion: 64 Resp: 10611

Ion Ratio Lower Upper

64 100

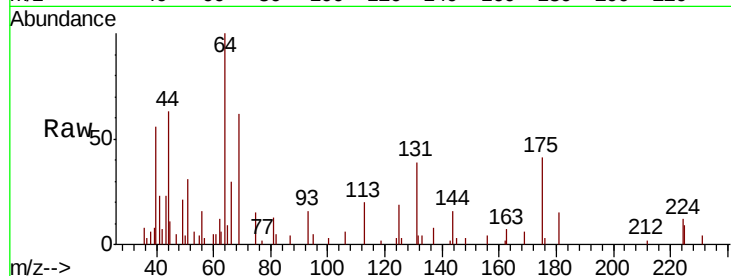
66 30.3 26.7 40.1

Manual Integrations

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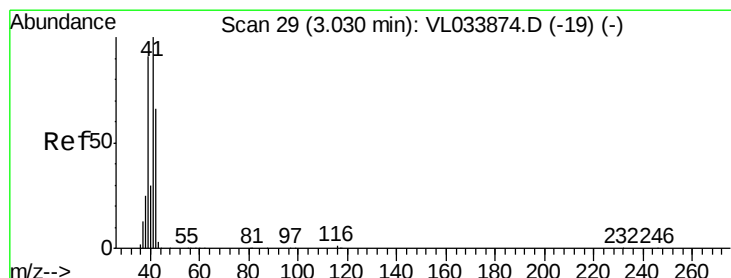
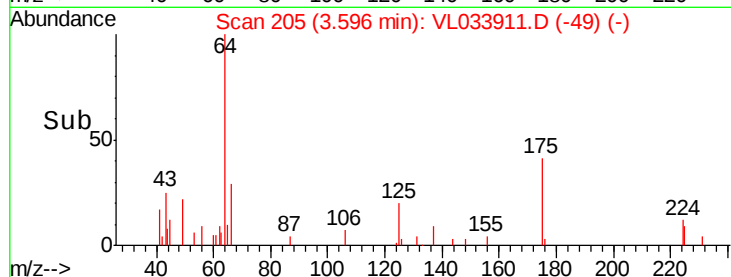
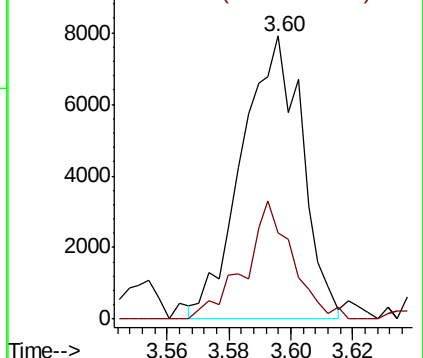
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 8.966 ppbv

RT: 3.03 min Scan# 29

Delta R.T. -0.00 min

Lab File: VL033911.D

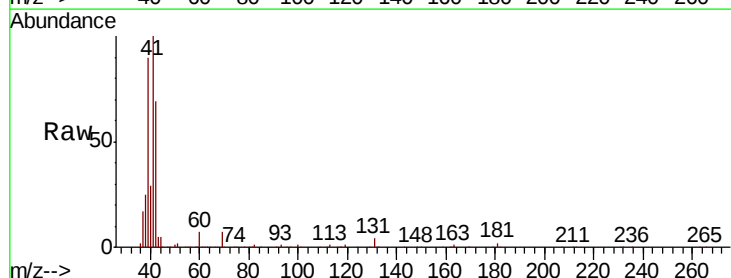
Acq: 14 Jun 2019 00:10

Tgt Ion: 41 Resp: 369924

Ion Ratio Lower Upper

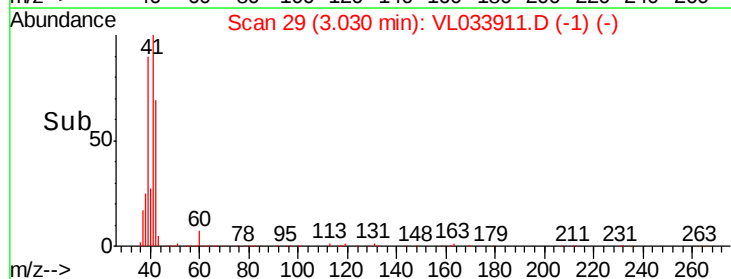
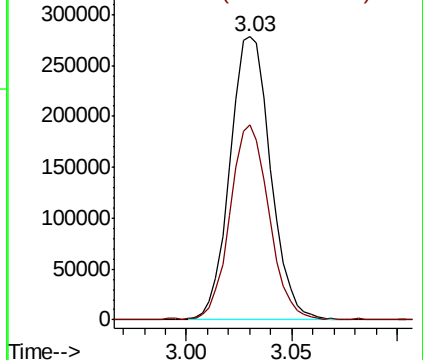
41 100

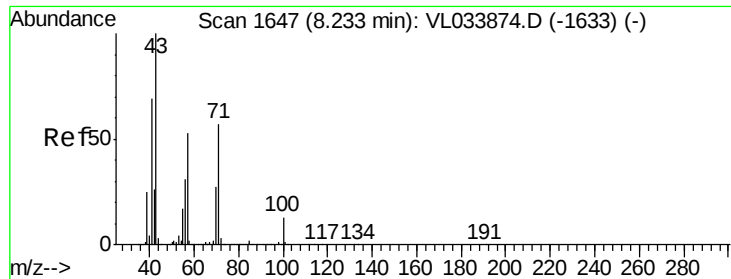
42 67.1 56.3 84.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





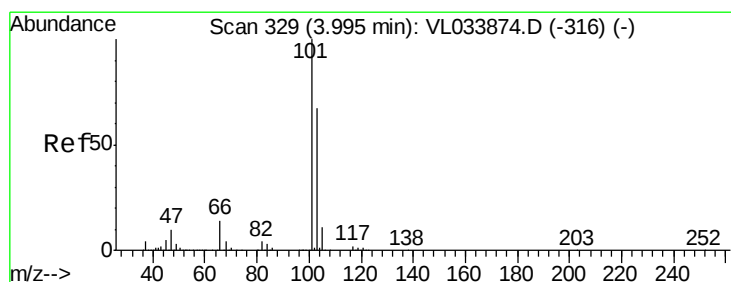
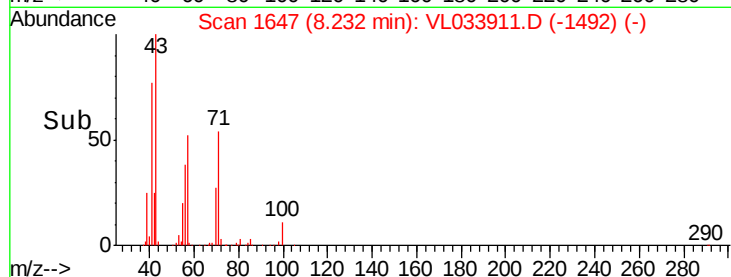
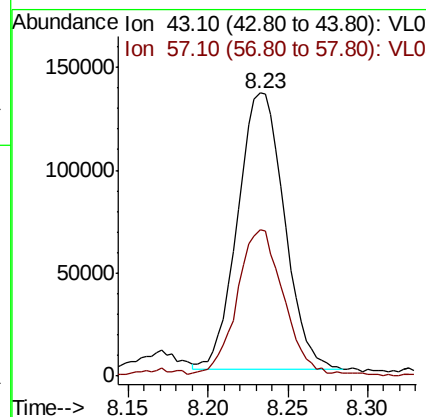
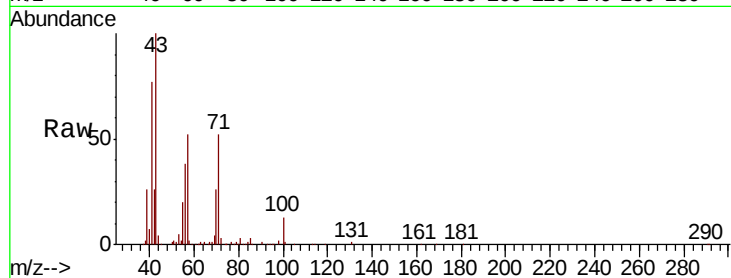
#10
 Heptane
 Concen: 2.573 ppbv
 RT: 8.23 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: VL033911.D
 Acq: 14 Jun 2019 00:10

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3R-20190612-1

Tot Ion: 43 Resp: 268318
 Ion Ratio Lower Upper
 43 100
 57 53.4 41.7 62.5

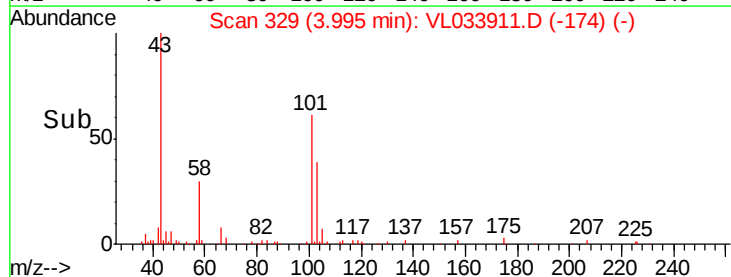
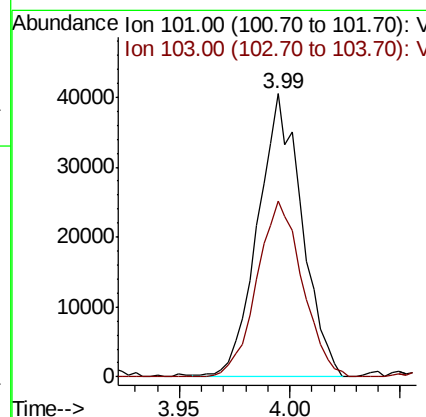
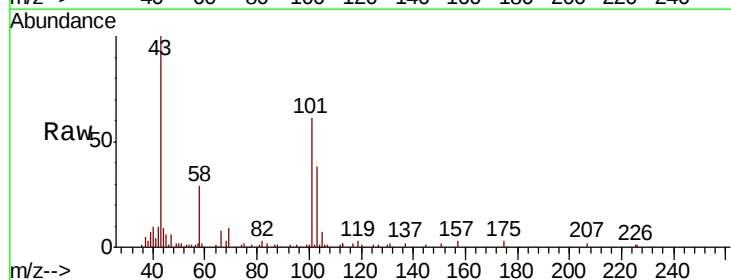
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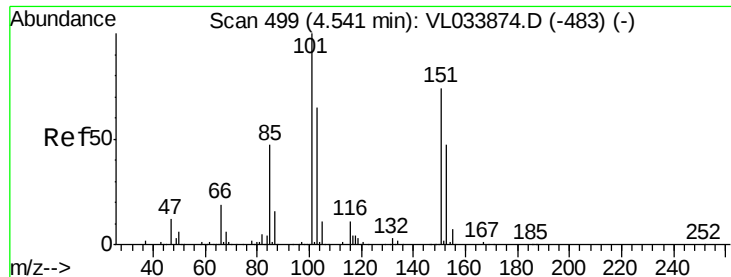
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#11
 Trichlorofluoromethane
 Concen: 0.286 ppbv
 RT: 3.99 min Scan# 329
 Delta R.T. -0.00 min
 Lab File: VL033911.D
 Acq: 14 Jun 2019 00:10

Tgt Ion: 101 Resp: 56001
 Ion Ratio Lower Upper
 101 100
 103 62.4 53.6 80.4





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.109 ppbv m

RT: 4.55 min Scan# 501

Delta R.T. 0.01 min

Lab File: VL033911.D

Acq: 14 Jun 2019 00:10

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612-1

Tot Ion:101 Resp: 14383

Ion Ratio Lower Upper

101 100

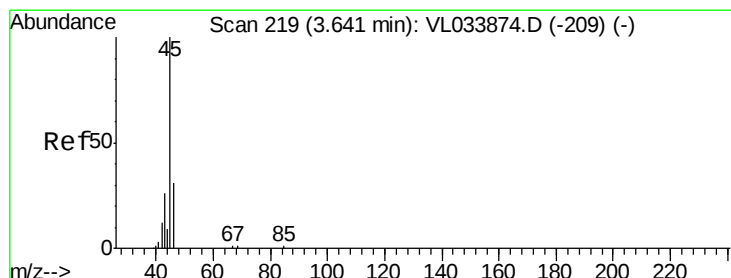
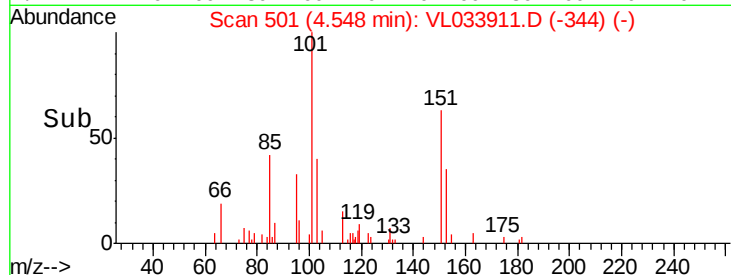
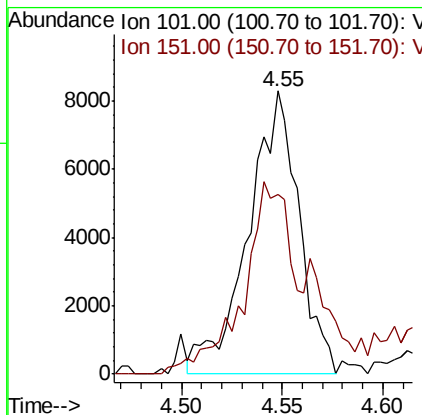
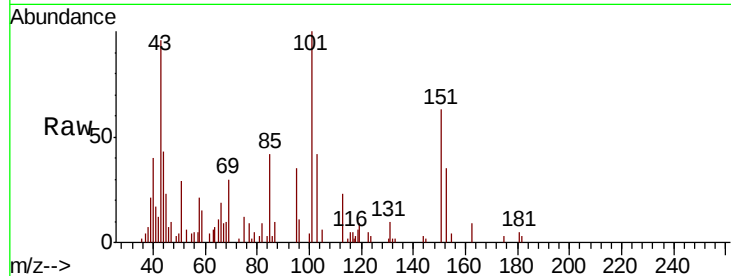
151 0.0 58.6 87.8#

Manual Integrations

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#13

Ethanol

Concen: 34.288 ppbv

RT: 3.66 min Scan# 226

Delta R.T. 0.02 min

Lab File: VL033911.D

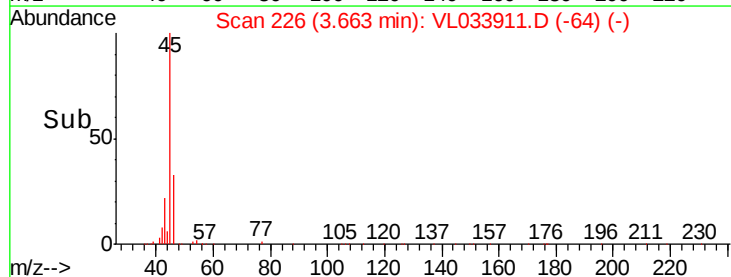
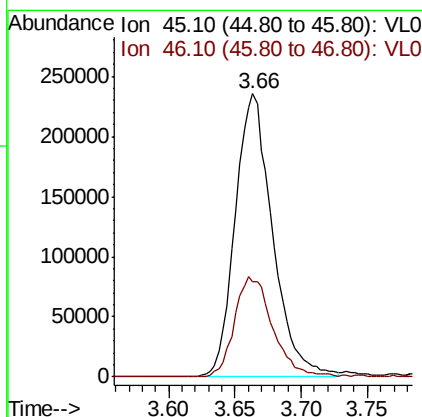
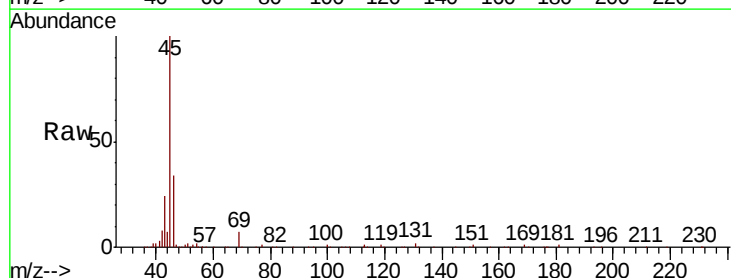
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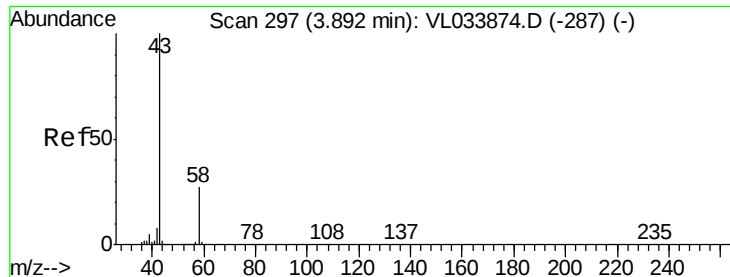
Tgt Ion: 45 Resp: 460264

Ion Ratio Lower Upper

45 100

46 36.3 15.3 61.1





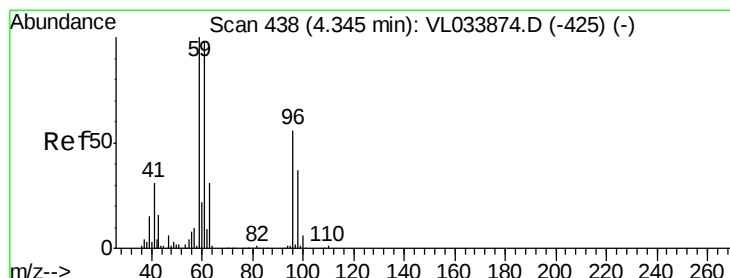
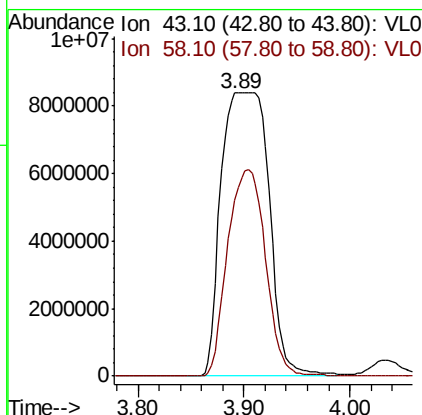
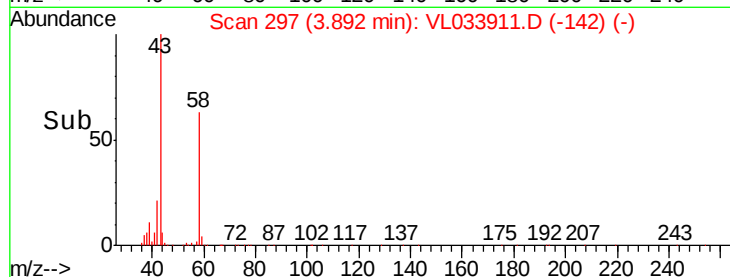
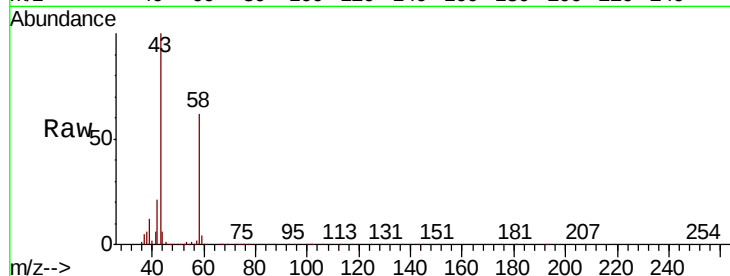
#15
Acetone
Concen: 193.432 ppbv m
RT: 3.89 min Scan# 297
Delta R.T. -0.00 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612-1

Tot Ion: 43 Resp: 26422729
Ion Ratio Lower Upper
43 100
58 57.9 21.3 31.9#

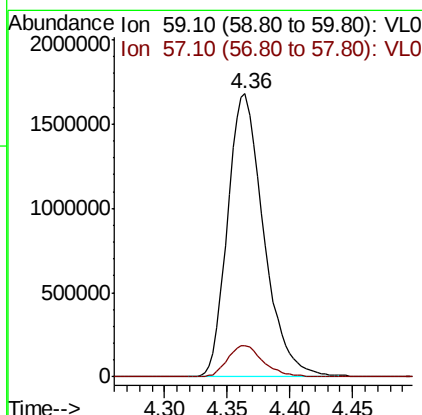
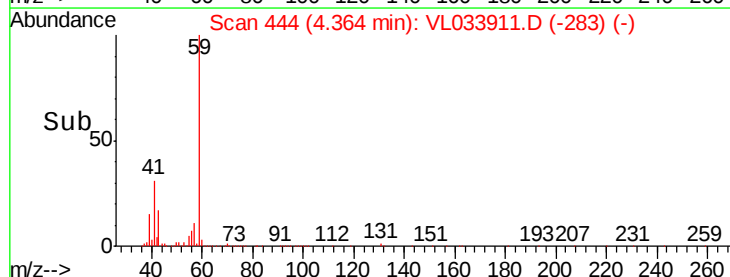
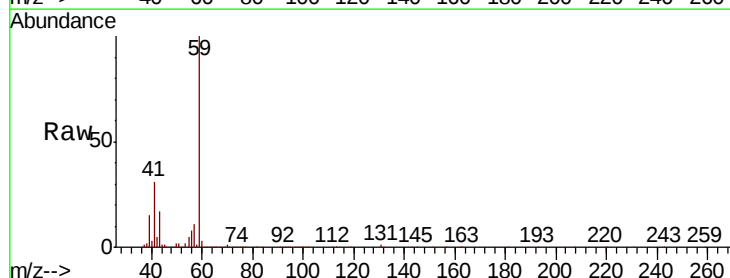
Manual Integrations
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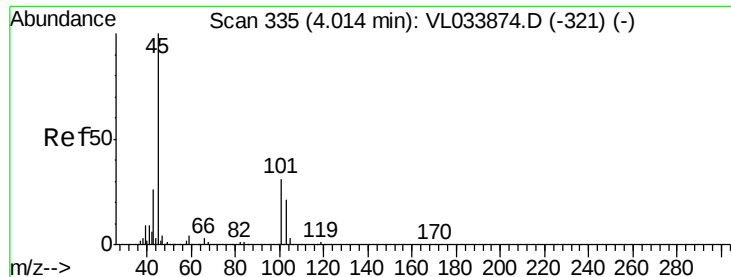
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#17
tert-Butyl alcohol
Concen: 31.491 ppbv
RT: 4.36 min Scan# 444
Delta R.T. 0.02 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Tgt Ion: 59 Resp: 3362676
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6





#19

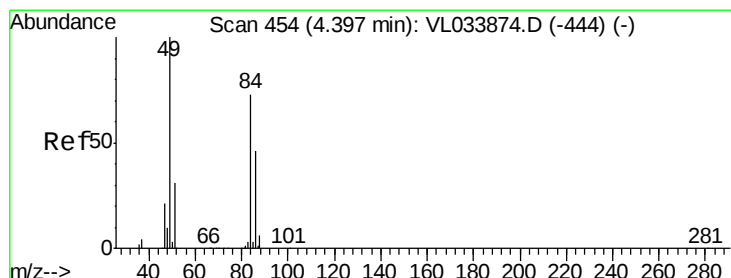
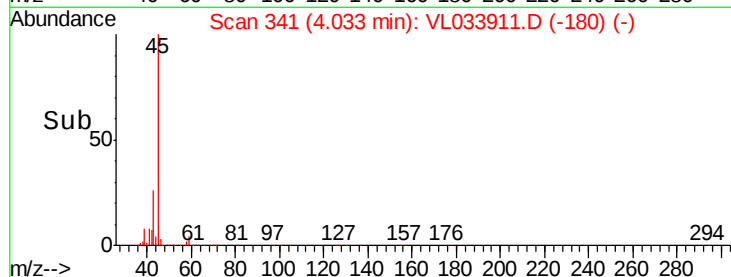
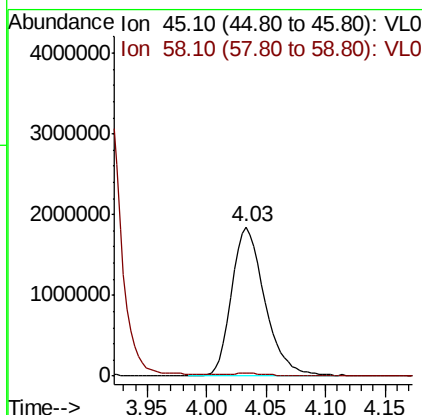
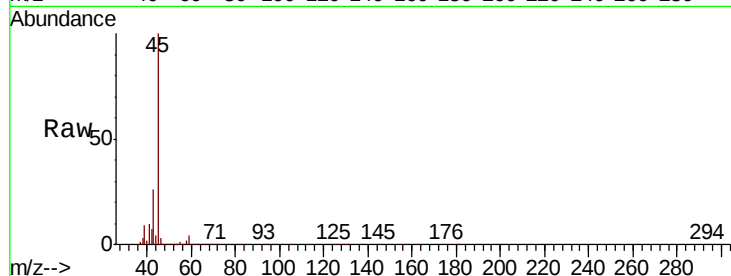
Isopropyl Alcohol
 Concen: 45.973 ppbv
 RT: 4.03 min Scan# 341
 Delta R.T. 0.02 min
 Lab File: VL033911.D
 Acq: 14 Jun 2019 00:10

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3R-20190612-1

Tot Ion: 45 Resp: 3587517
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.8 2.6#

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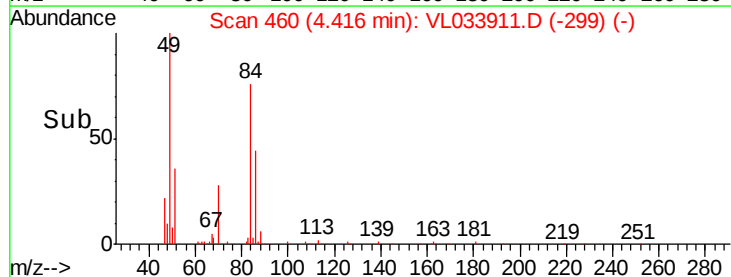
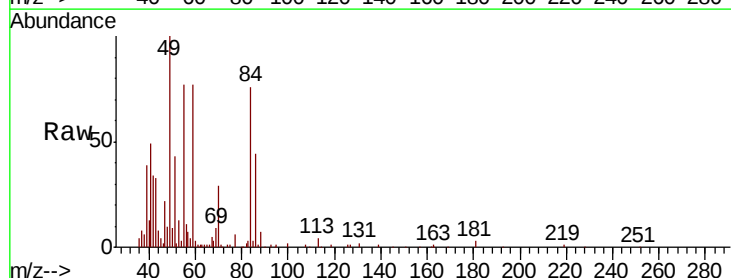
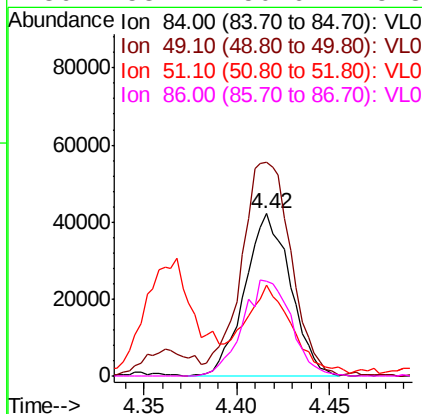
MMDadoda
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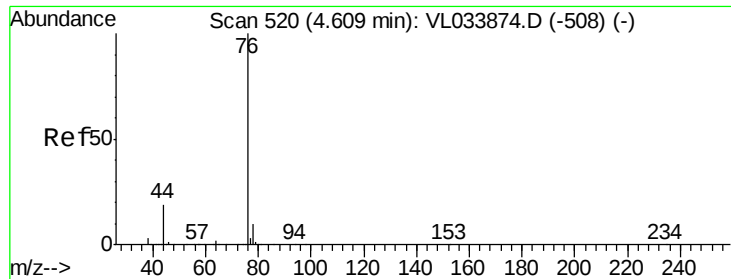


#20

Methylene Chloride
 Concen: 1.353 ppbv
 RT: 4.42 min Scan# 460
 Delta R.T. 0.02 min
 Lab File: VL033911.D
 Acq: 14 Jun 2019 00:10

Tgt Ion: 84 Resp: 72062
 Ion Ratio Lower Upper
 84 100
 49 130.4 110.0 165.0
 51 49.4 34.6 51.8
 86 58.4 50.6 75.8





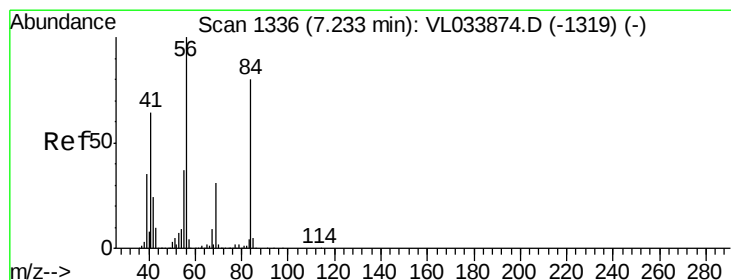
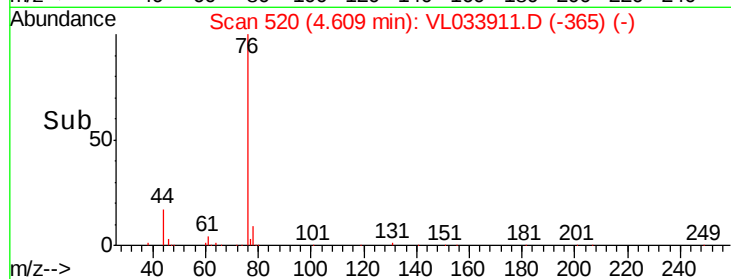
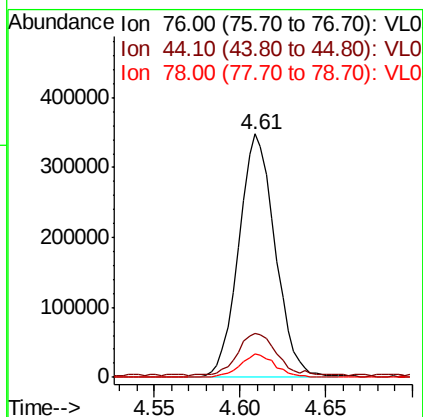
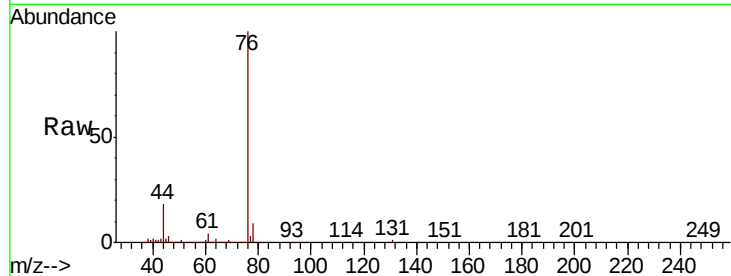
#27
Carbon Disulfide
Concen: 3.899 ppbv
RT: 4.61 min Scan# 520
Delta R.T. -0.00 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612-1

Tot Ion	Ratio	Lower	Upper
76	100		
44	19.8	14.4	21.6
78	9.5	7.5	11.3

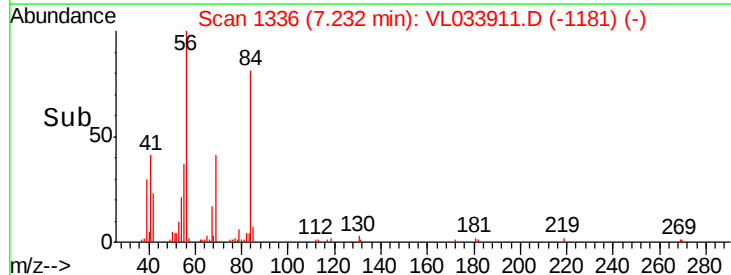
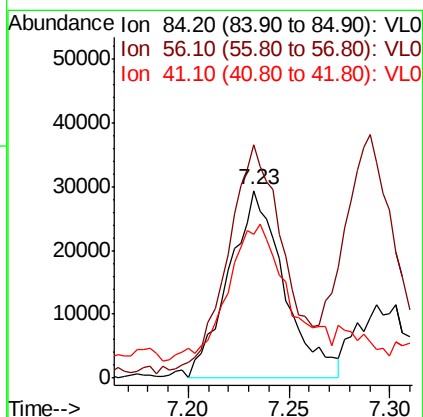
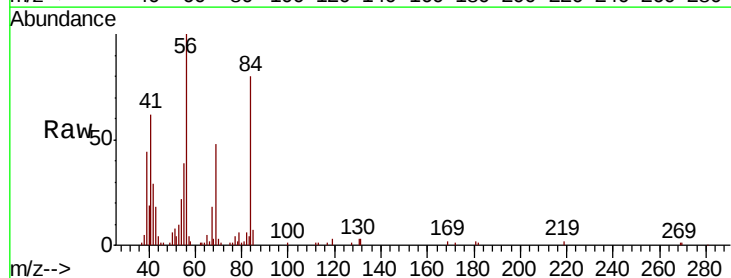
Manual Integrations
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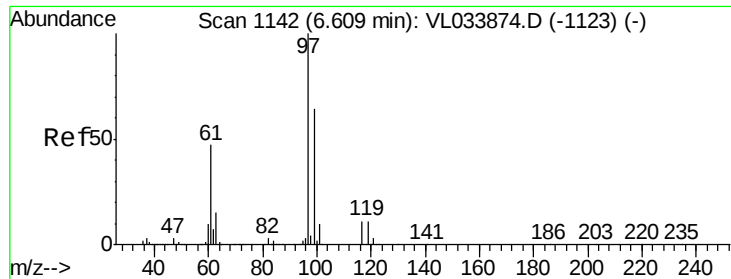
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#30
Cyclohexane
Concen: 0.838 ppbv
RT: 7.23 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Tgt Ion	Ratio	Lower	Upper
84	100		
56	125.2	105.8	158.8
41	85.3	65.7	98.5





#32

1,1,1-Trichloroethane

Concen: 0.067 ppbv m

RT: 6.62 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VL033911.D

Acq: 14 Jun 2019 00:10

Instrument :

MSVOA_L

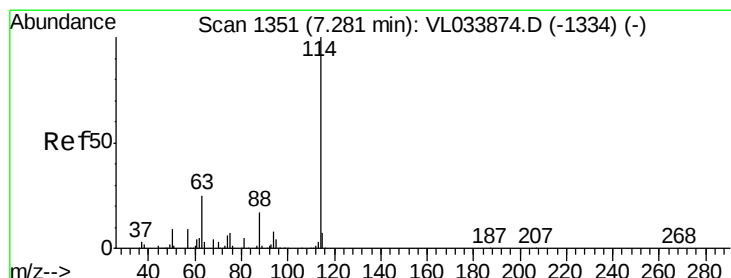
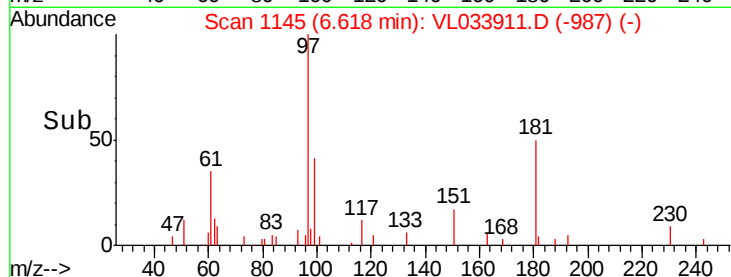
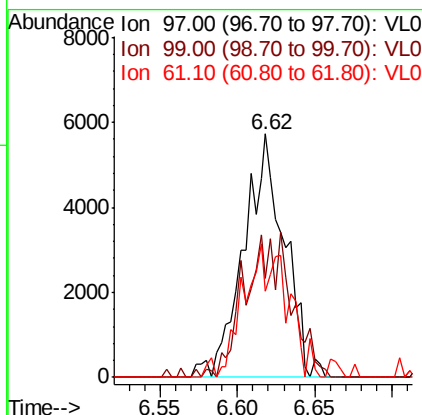
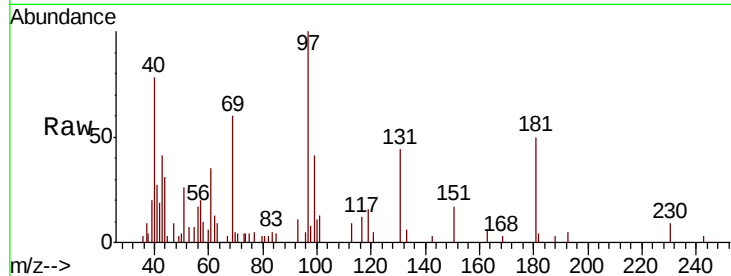
ClientSampleId :

SG-3R-20190612-1

Tot Ion:	97	Resp:	10524
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.7	77.5#
61	59.2	37.7	56.5#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

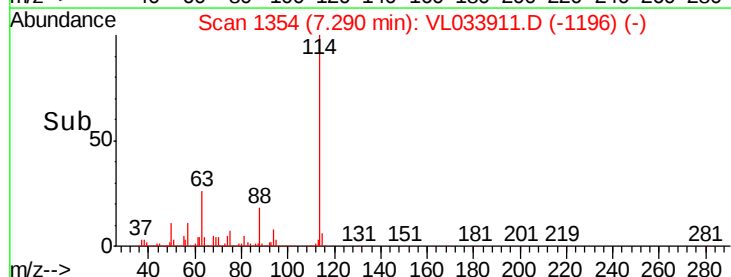
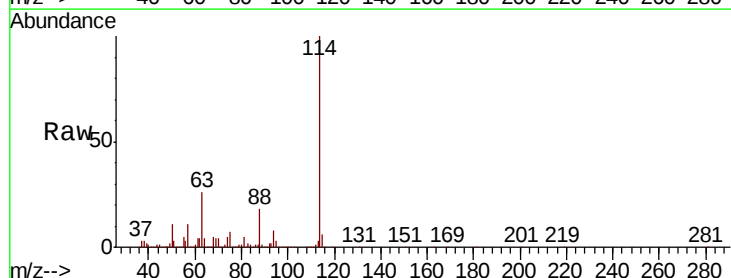
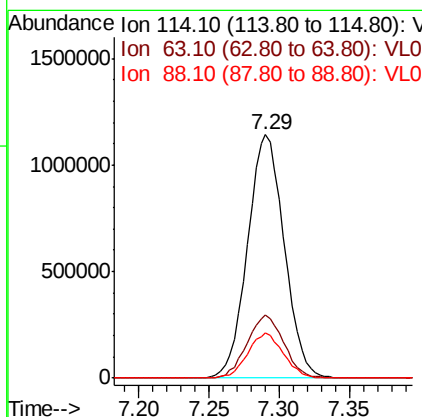
RT: 7.29 min Scan# 1354

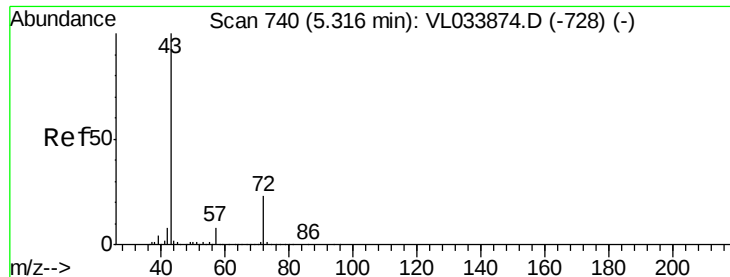
Delta R.T. 0.01 min

Lab File: VL033911.D

Acq: 14 Jun 2019 00:10

Tgt Ion:	114	Resp:	2078693
Ion Ratio	Lower	Upper	
114	100		
63	26.2	21.1	31.7
88	18.0	14.2	21.4





#34

2-Butanone

Concen: 52.988 ppbv

RT: 5.33 min Scan# 743

Delta R.T. 0.01 min

Lab File: VL033911.D

Acq: 14 Jun 2019 00:10

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612-1

Tot Ion: 43 Resp: 6213838

Ion Ratio Lower Upper

43 100

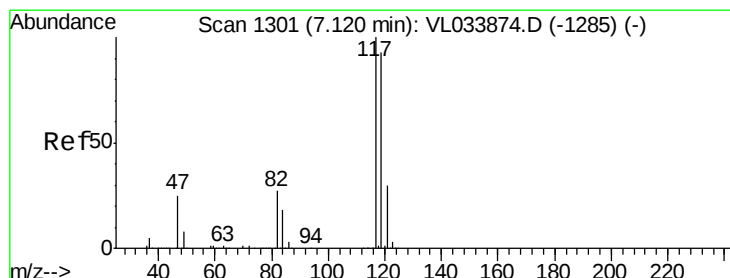
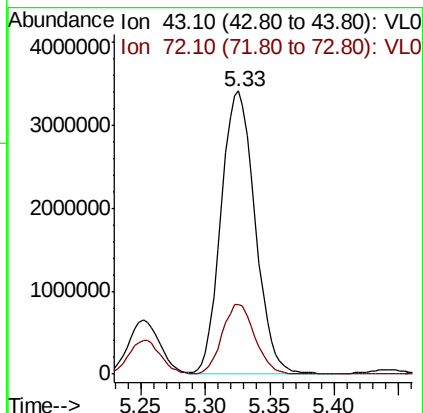
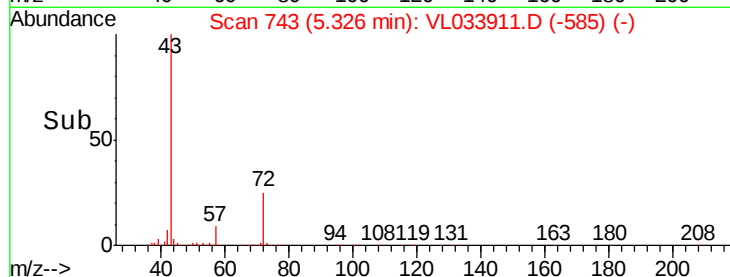
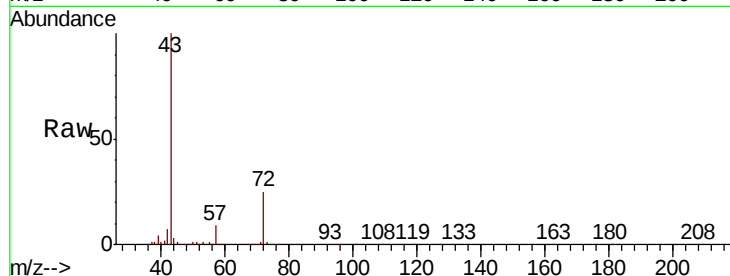
72 23.8 17.9 26.9

Manual Integrations

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#35

Carbon Tetrachloride

Concen: 0.111 ppbv m

RT: 7.13 min Scan# 1305

Delta R.T. 0.01 min

Lab File: VL033911.D

Acq: 14 Jun 2019 00:10

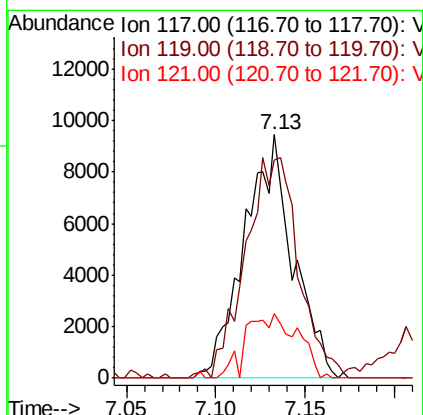
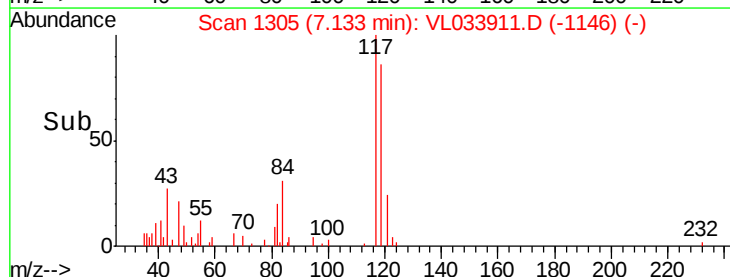
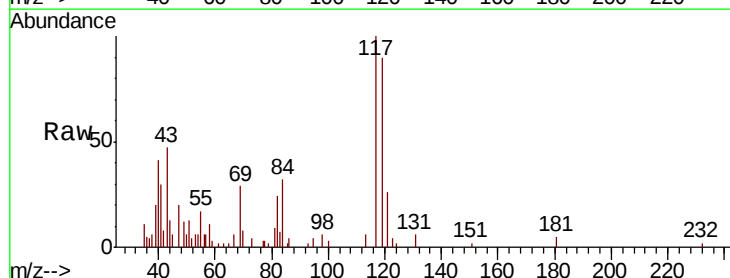
Tgt Ion: 117 Resp: 17829

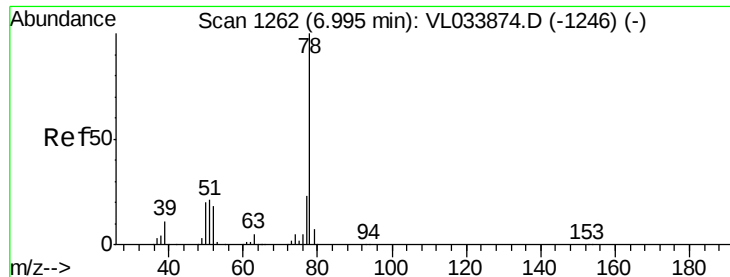
Ion Ratio Lower Upper

117 100

119 89.5 74.6 111.8

121 26.3 24.0 36.0





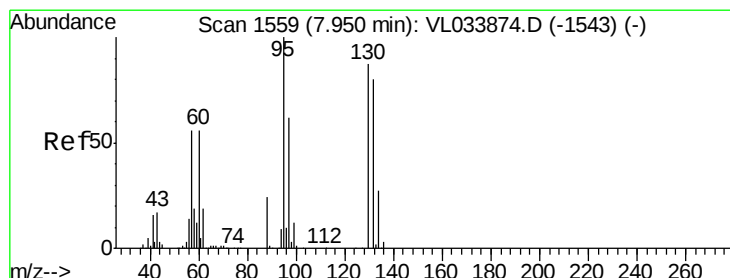
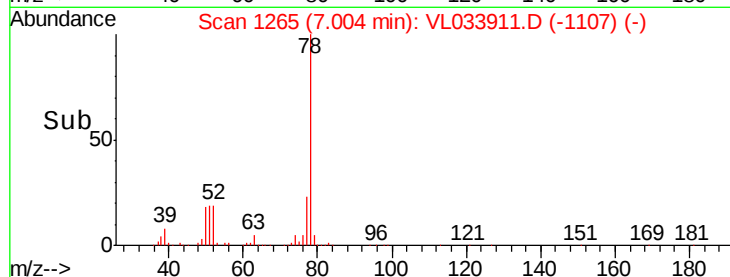
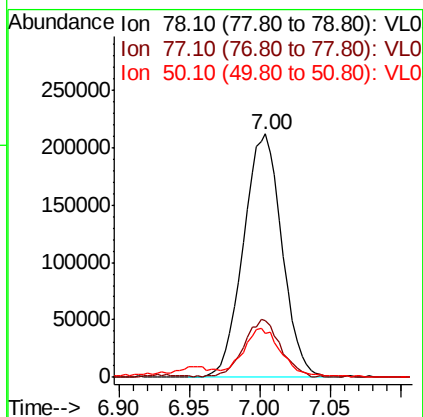
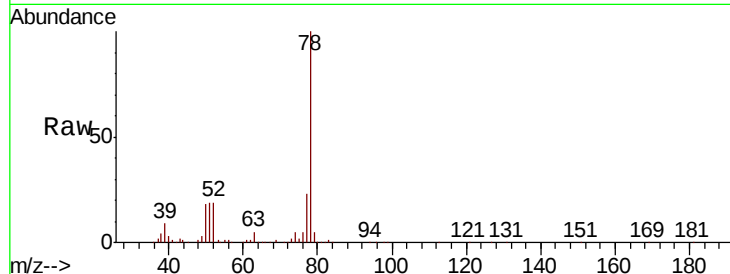
#36
Benzene
Concen: 2.554 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612-1

Tot Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.2
50	17.4	15.9	23.9

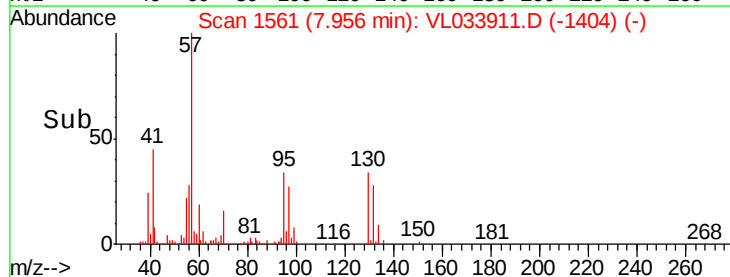
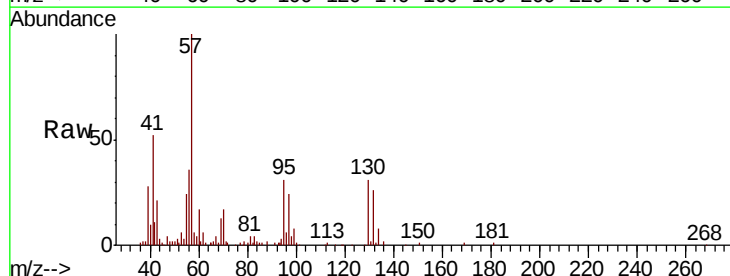
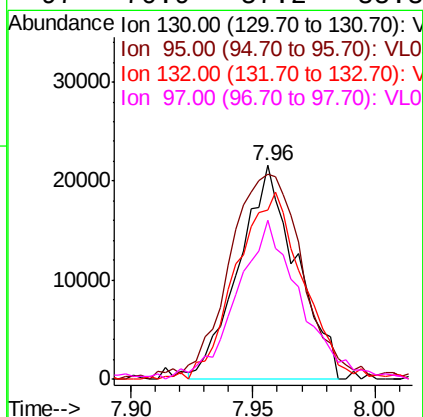
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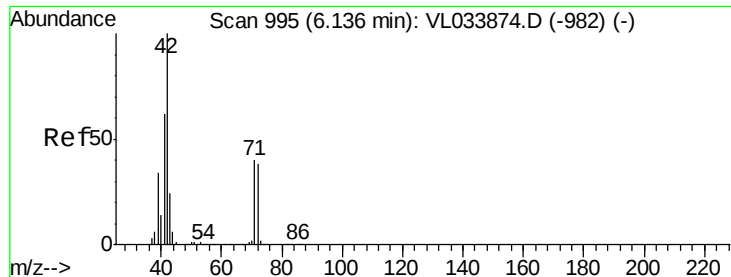
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#38
Trichloroethene
Concen: 0.572 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.3	92.0	138.0#
132	79.2	73.8	110.8
97	70.9	57.2	85.8





#41

Tetrahydrofuran

Concen: 8.334 ppbv

RT: 6.14 min Scan# 996

Delta R.T. 0.00 min

Lab File: VL033911.D

Acq: 14 Jun 2019 00:10

Instrument :

MSVOA_L

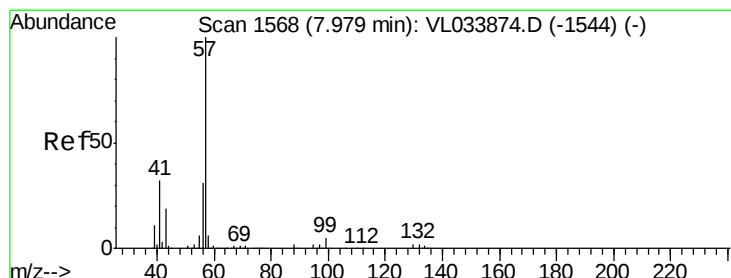
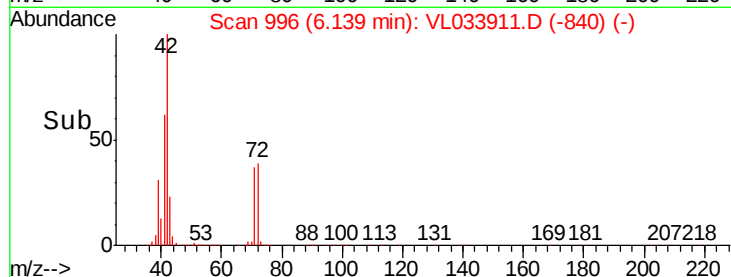
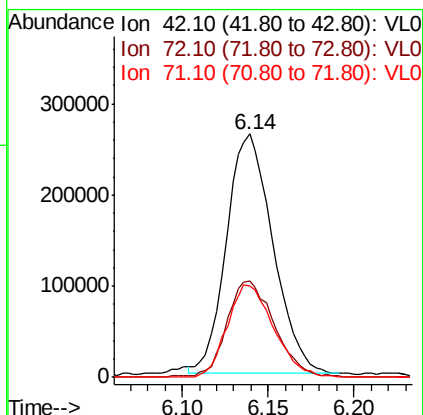
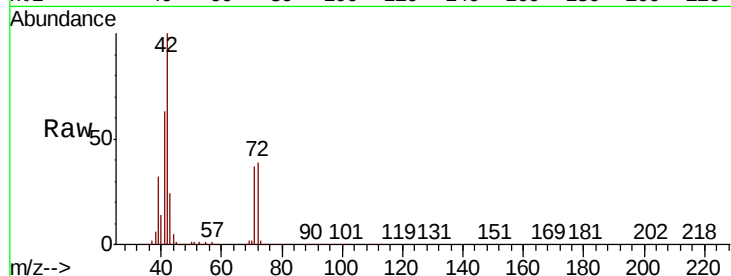
ClientSampleId :

SG-3R-20190612-1

Tot Ion:	42	Resp:	496020
Ion	Ratio	Lower	Upper
42	100		
72	41.5	32.2	48.4
71	38.9	31.7	47.5

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#44

2,2,4-Trimethylpentane

Concen: 1.459 ppbv

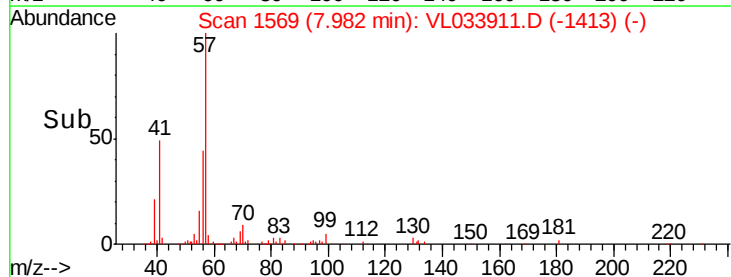
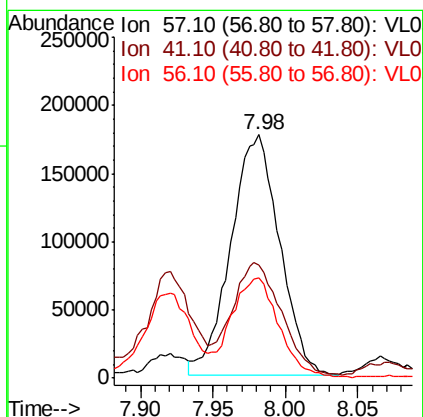
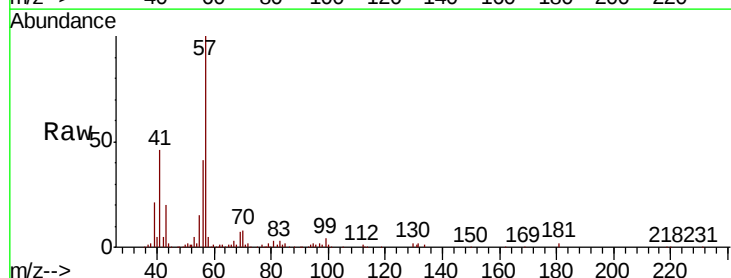
RT: 7.98 min Scan# 1569

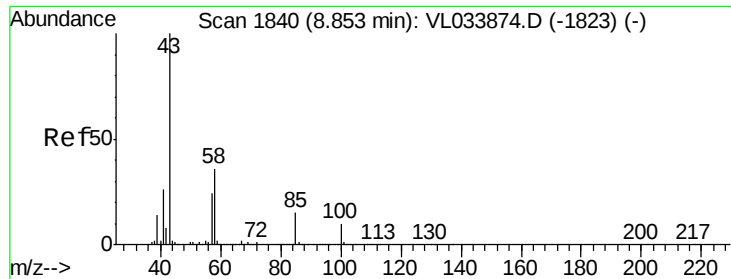
Delta R.T. 0.00 min

Lab File: VL033911.D

Acq: 14 Jun 2019 00:10

Tgt Ion:	57	Resp:	411887
Ion	Ratio	Lower	Upper
57	100		
41	45.9	26.1	39.1#
56	38.5	24.6	36.8#





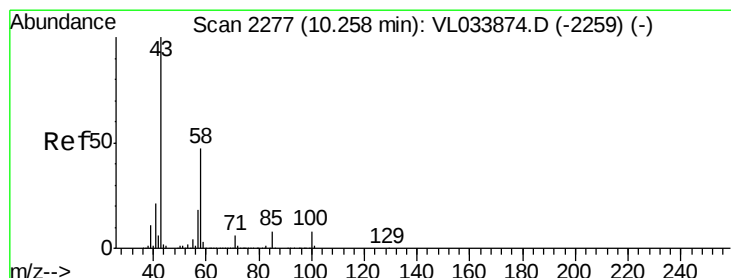
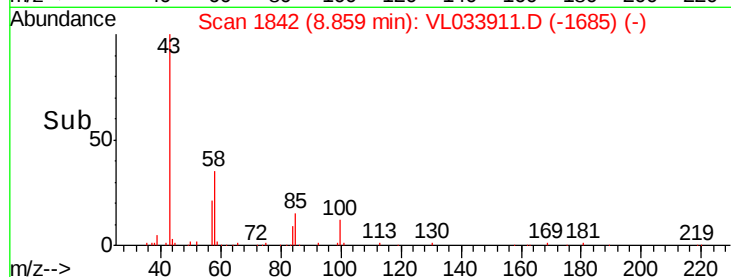
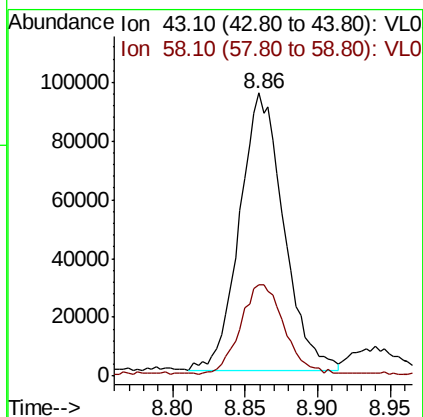
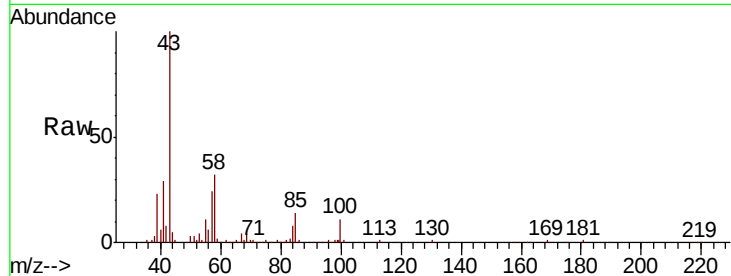
#50
4-Methyl-2-Pentanone
Concen: 1.140 ppbv
RT: 8.86 min Scan# 1842
Delta R.T. 0.01 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612-1

Tot Ion: 43 Resp: 199416
Ion Ratio Lower Upper
43 100
58 32.1 28.6 42.8

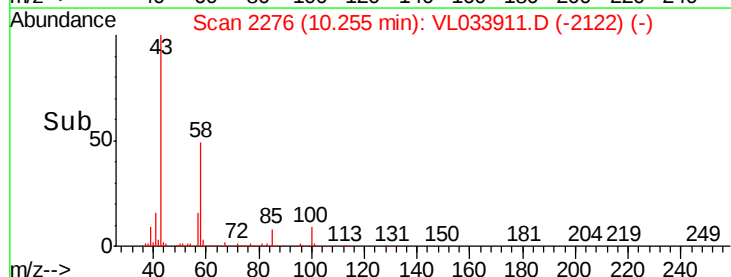
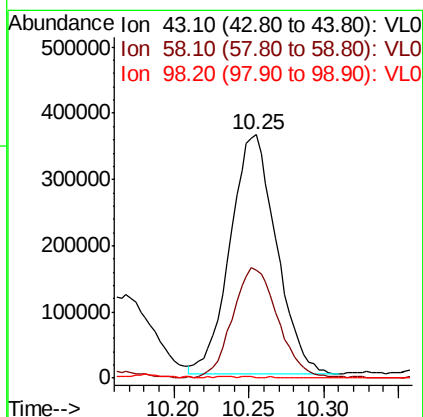
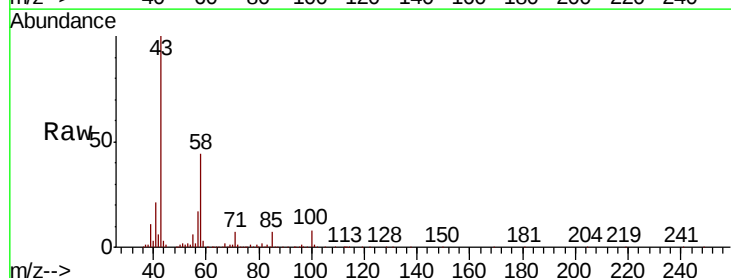
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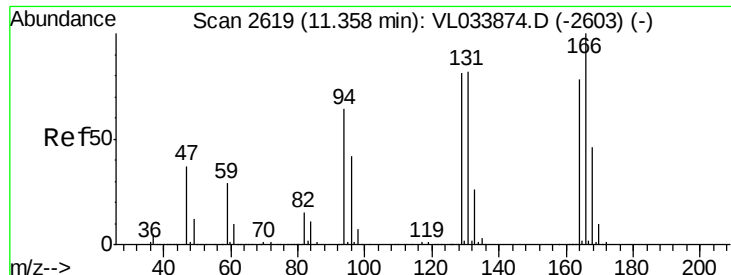
MMDadoda
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#51
2-Hexanone
Concen: 5.698 ppbv
RT: 10.25 min Scan# 2276
Delta R.T. -0.00 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Tgt Ion: 43 Resp: 778046
Ion Ratio Lower Upper
43 100
58 45.4 38.2 57.4
98 0.8 0.2 0.2#





#52

Tetrachloroethene

Concen: 4.867 ppbv

RT: 11.36 min Scan# 2621

Delta R.T. 0.01 min

Lab File: VL033911.D

Acq: 14 Jun 2019 00:10

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612-1

Tot Ion:164 Resp: 271936

Ion Ratio Lower Upper

164 100

166 124.2 103.1 154.7

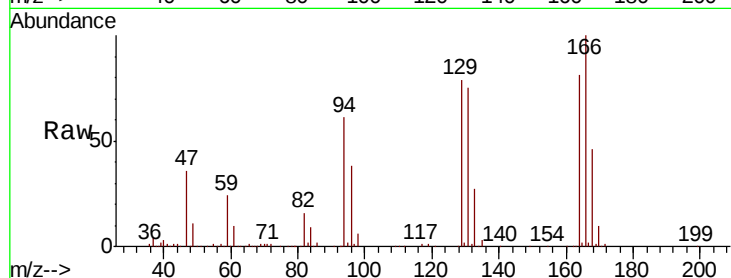
129 97.9 83.9 125.9

131 93.0 85.1 127.7

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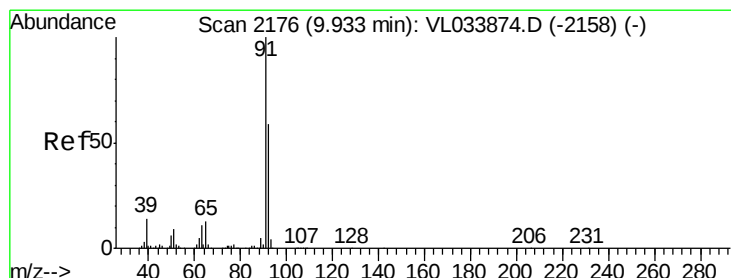
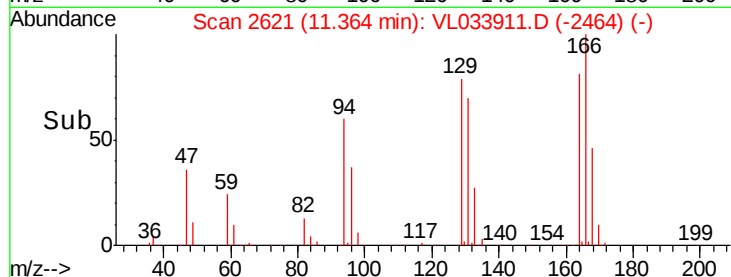
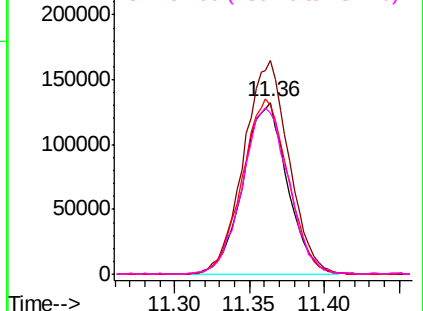
Abundance

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: 8.224 ppbv

RT: 9.94 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VL033911.D

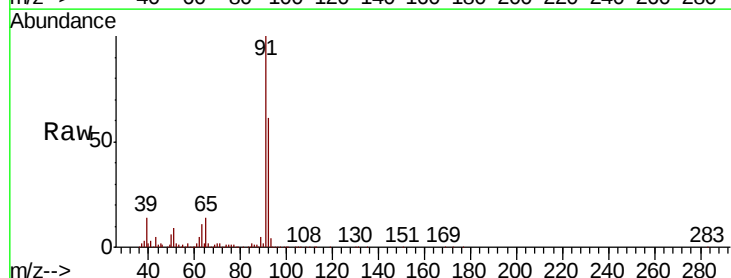
Acq: 14 Jun 2019 00:10

Tgt Ion: 91 Resp: 1445161

Ion Ratio Lower Upper

91 100

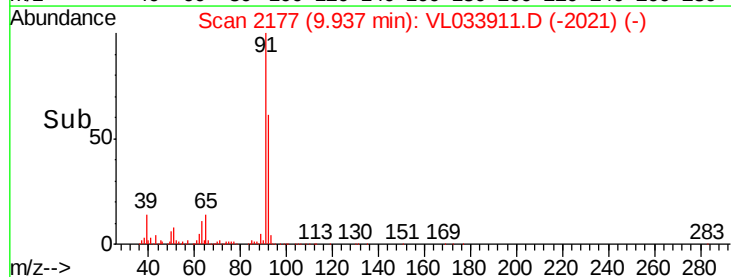
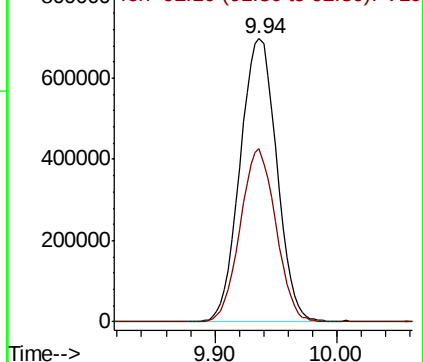
92 59.5 47.0 70.6

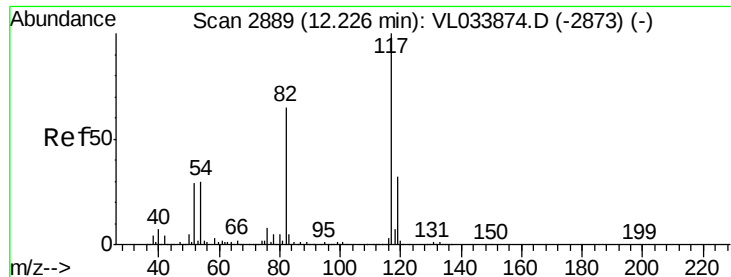


Abundance

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# 2889

Delta R.T. -0.00 min

Lab File: VL033911.D

Acq: 14 Jun 2019 00:10

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612-1

Tot Ion:117 Resp: 2425864

Ion Ratio Lower Upper

117 100

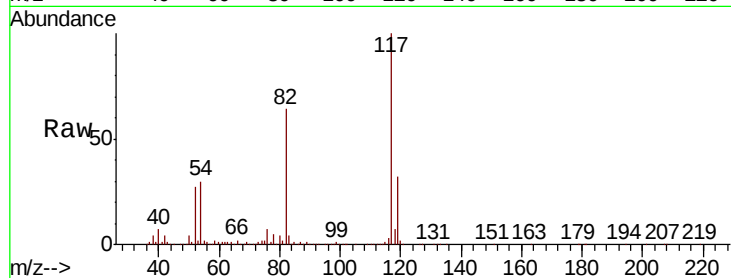
82 64.8 50.2 75.2

119 32.2 24.8 37.2

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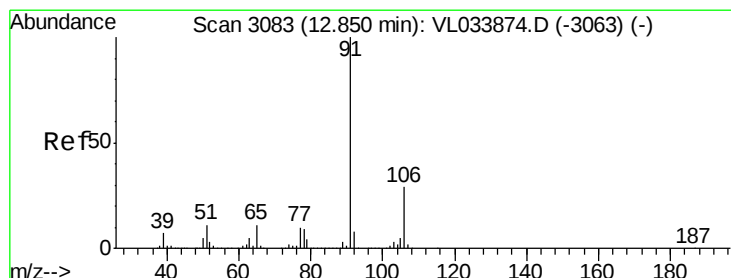
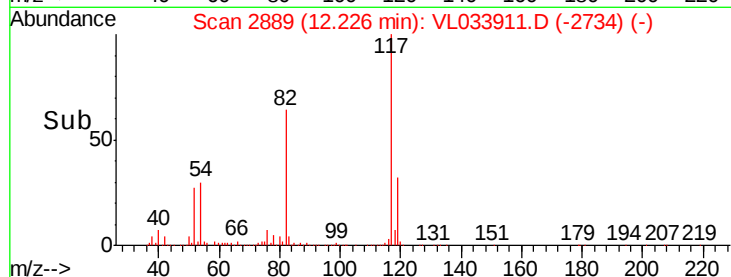
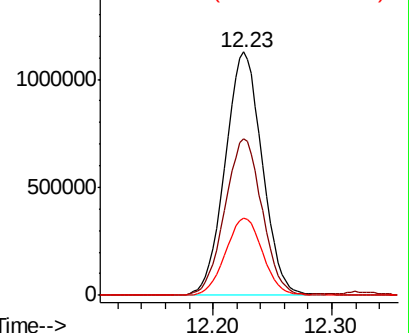
6/17/2019 12:37:18 AM



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: 0.765 ppbv

RT: 12.85 min Scan# 3083

Delta R.T. -0.00 min

Lab File: VL033911.D

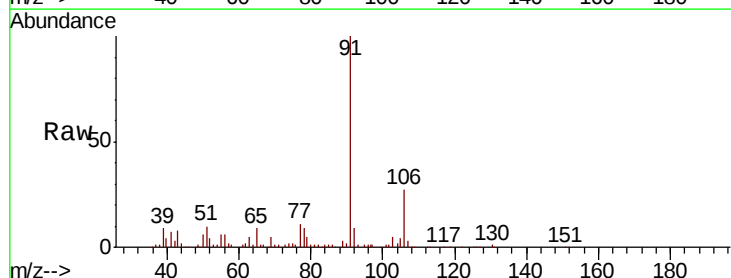
Acq: 14 Jun 2019 00:10

Tgt Ion: 91 Resp: 209187

Ion Ratio Lower Upper

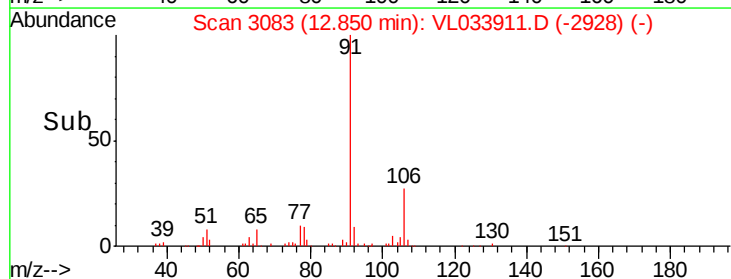
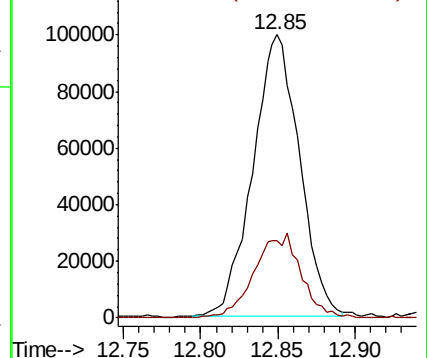
91 100

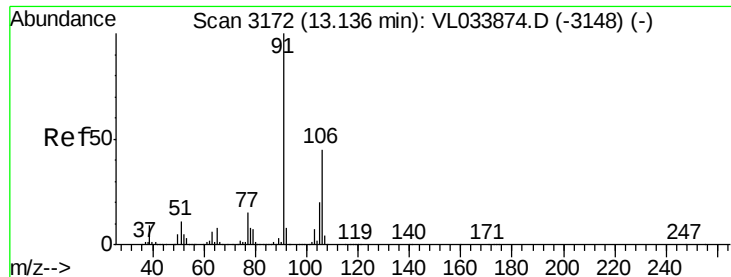
106 27.1 23.0 34.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





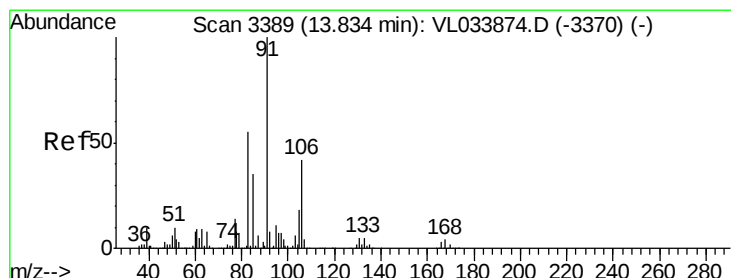
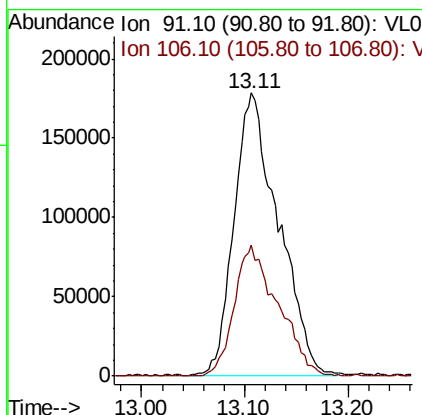
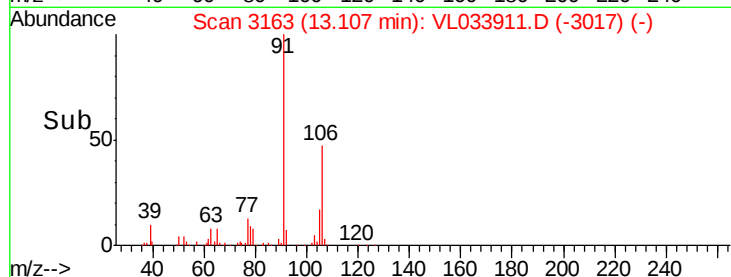
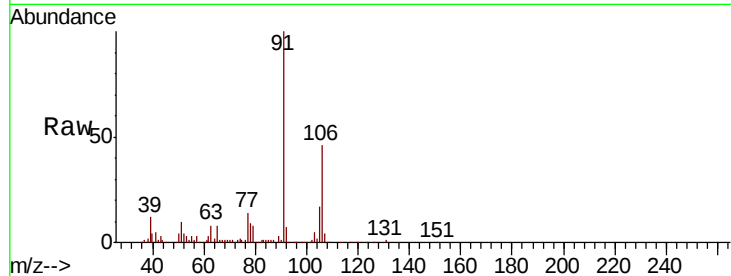
#59
m/p-Xylene
Concen: 2.135 ppbv
RT: 13.11 min Scan# 3163
Delta R.T. -0.03 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612-1

Tot Ion: 91 Resp: 531044
Ion Ratio Lower Upper
91 100
106 46.0 35.8 53.8

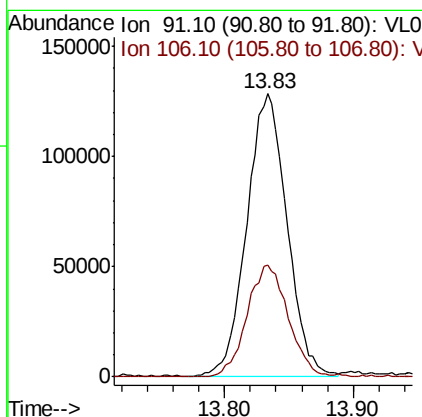
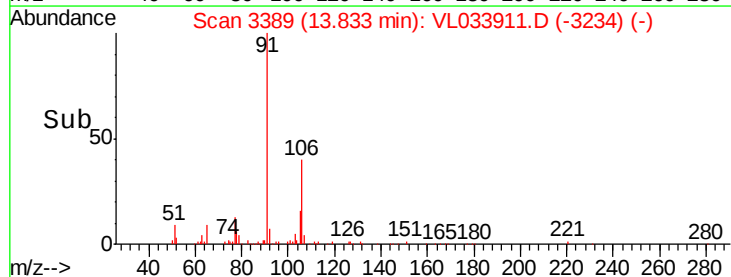
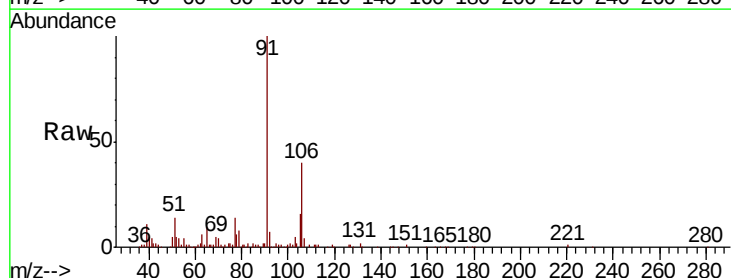
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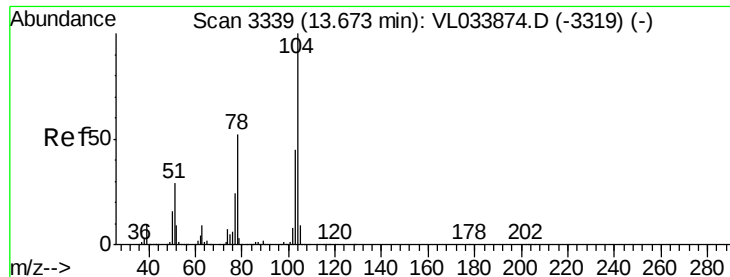
MMDadoda
6/17/2019 12:37:18 AM



#60
o-Xylene
Concen: 1.080 ppbv
RT: 13.83 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Tgt Ion: 91 Resp: 277438
Ion Ratio Lower Upper
91 100
106 41.0 21.7 65.1





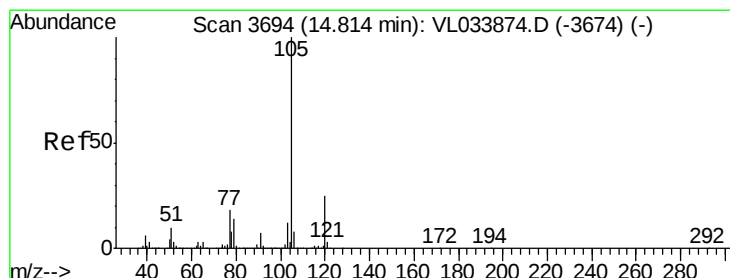
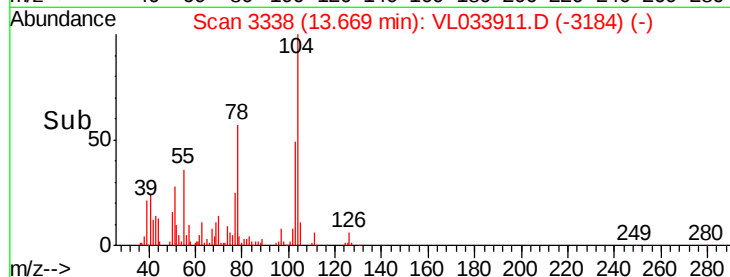
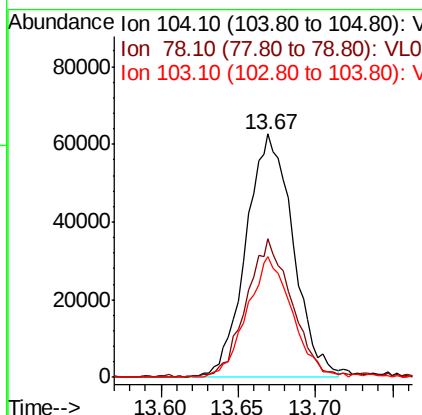
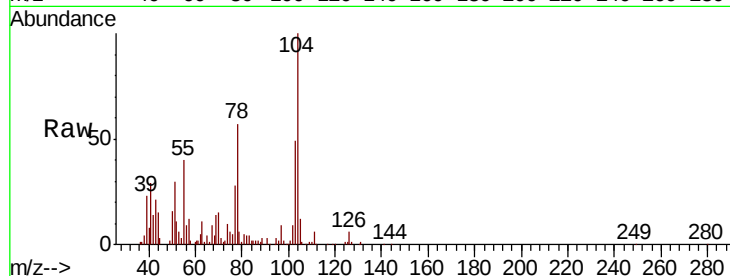
#61
Stvrene
Concen: 0.799 ppbv
RT: 13.67 min Scan# 3338
Delta R.T. -0.00 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612-1

Tot Ion	Ratio	Lower	Upper
104	100		
78	56.8	43.4	65.0
103	47.5	37.6	56.4

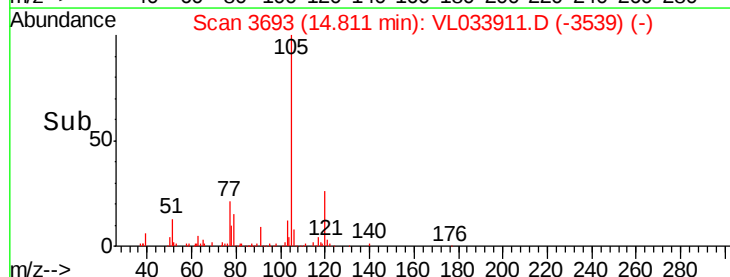
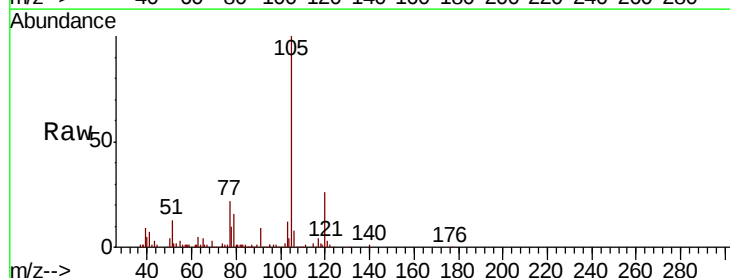
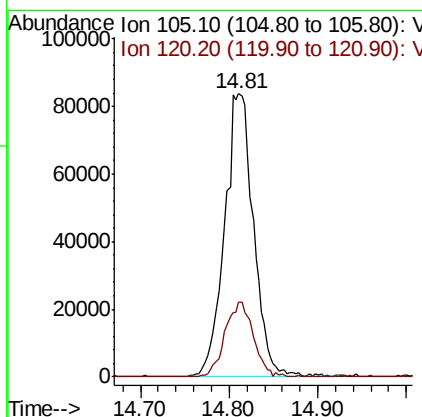
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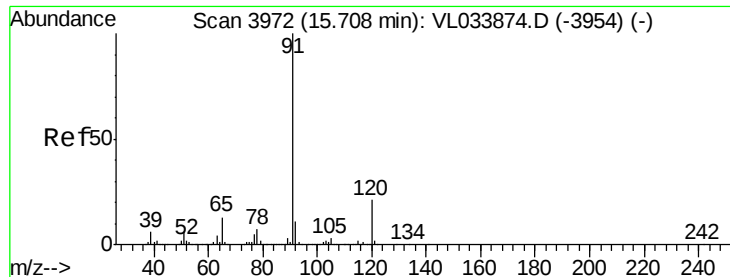
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#62
Isopropylbenzene
Concen: 0.551 ppbv m
RT: 14.81 min Scan# 3693
Delta R.T. -0.00 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.3	30.5





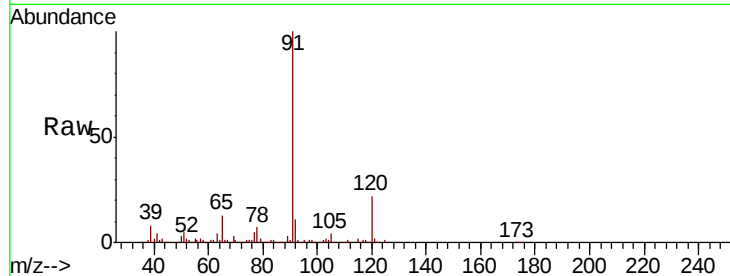
#64
n-propylbenzene
Concen: 2.103 ppbv
RT: 15.71 min Scan# 3972
Delta R.T. -0.00 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612-1

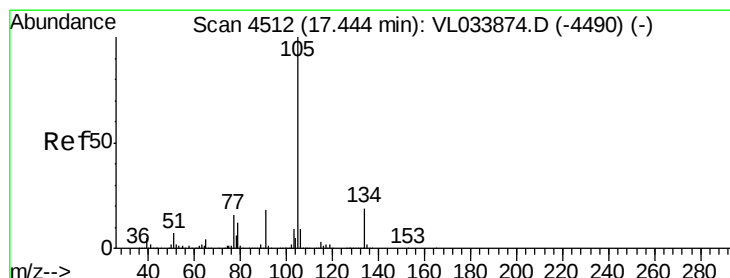
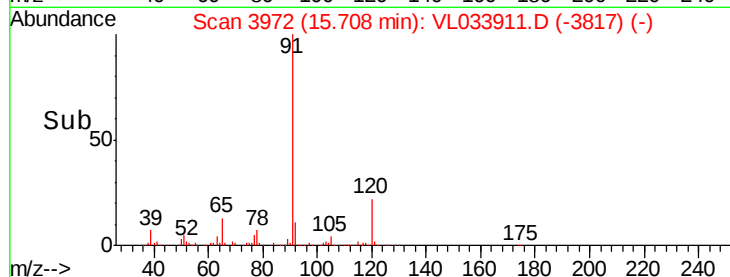
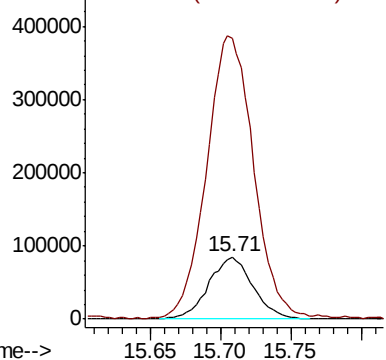
Tot Ion:120 Resp: 186370
Ion Ratio Lower Upper
120 100
91 487.5 387.0 580.6

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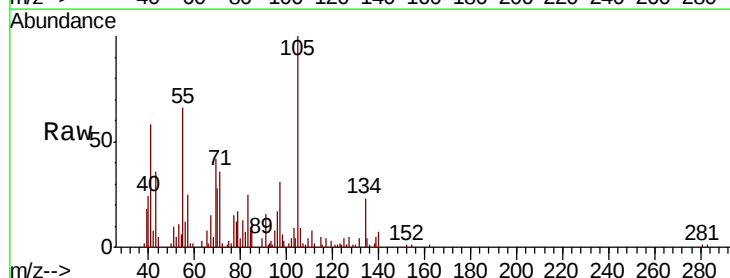


Abundance Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0

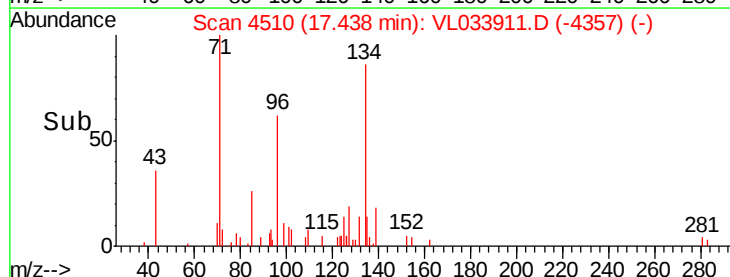
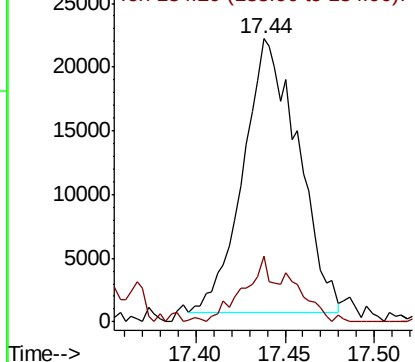


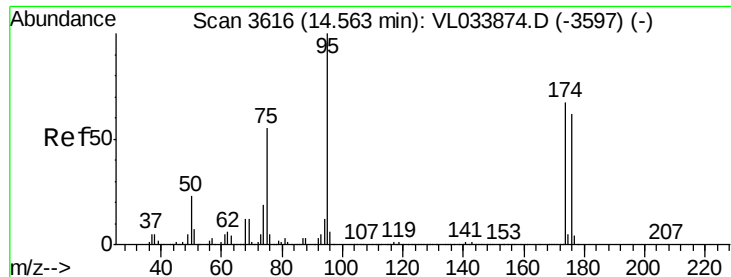
#67
sec-Butylbenzene
Concen: 0.103 ppbv
RT: 17.44 min Scan# 4510
Delta R.T. -0.01 min
Lab File: VL033911.D
Acq: 14 Jun 2019 00:10

Tgt Ion:105 Resp: 46434
Ion Ratio Lower Upper
105 100
134 20.8 14.6 22.0



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 134.20 (133.90 to 134.90): V





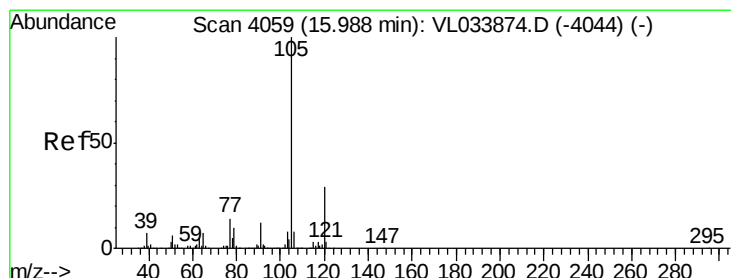
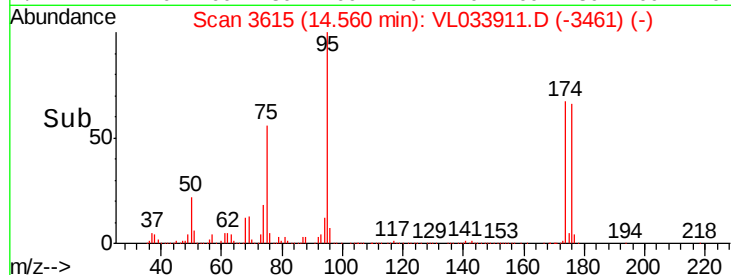
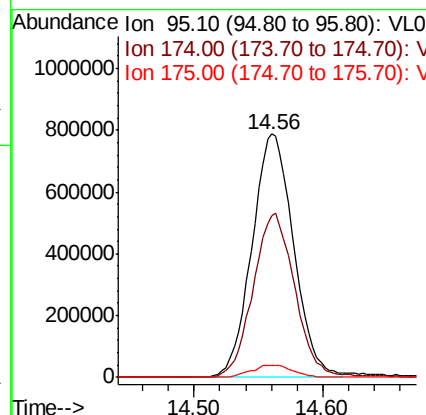
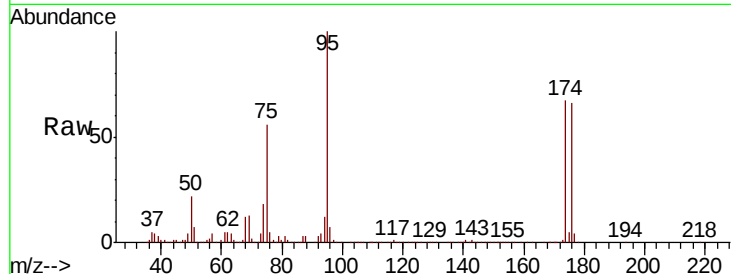
#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.872 ppbv
 RT: 14.56 min Scan# 3615
 Delta R.T. -0.00 min
 Lab File: VL033911.D
 Acq: 14 Jun 2019 00:10

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3R-20190612-1

Tot Ion: 95 Resp: 1767817
 Ion Ratio Lower Upper
 95 100
 174 68.2 54.0 81.0
 175 5.0 3.8 5.8

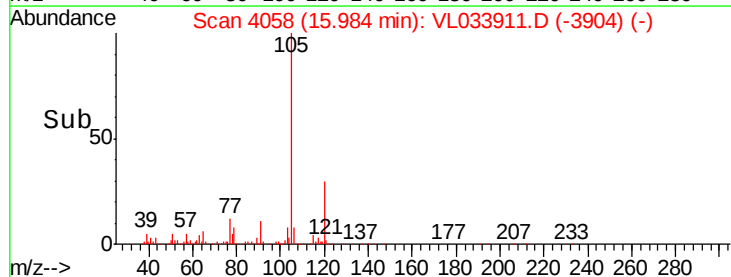
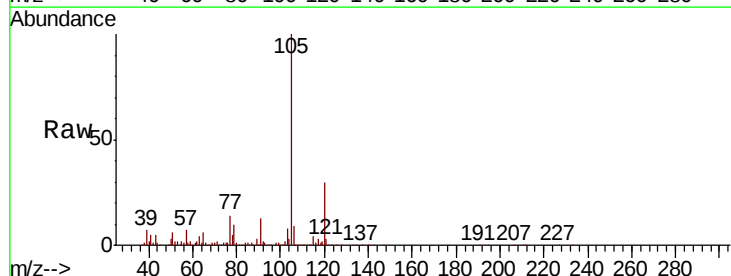
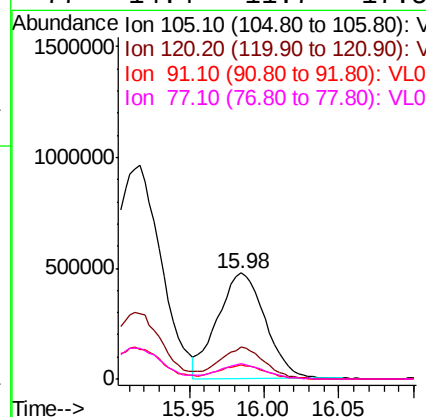
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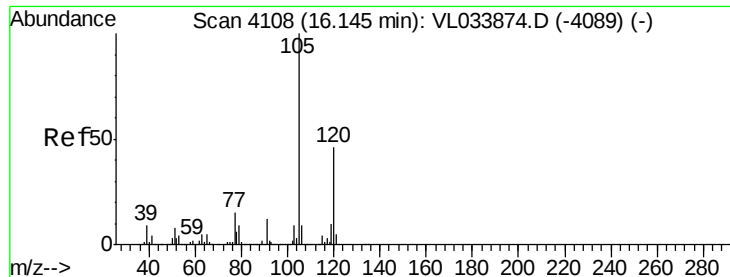
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#72
 4-Ethyltoluene
 Concen: 3.639 ppbv
 RT: 15.98 min Scan# 4058
 Delta R.T. -0.00 min
 Lab File: VL033911.D
 Acq: 14 Jun 2019 00:10

Tgt Ion: 105 Resp: 1063429
 Ion Ratio Lower Upper
 105 100
 120 28.0 23.5 35.3
 91 12.8 10.4 15.6
 77 14.4 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 2.736 ppbv

RT: 16.15 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VL033911.D

Acq: 14 Jun 2019 00:10

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612-1

Tot Ion:105 Resp: 787624

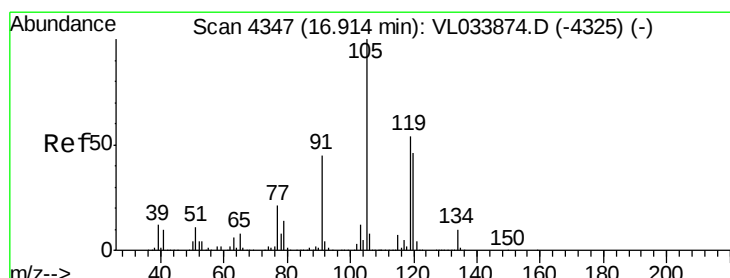
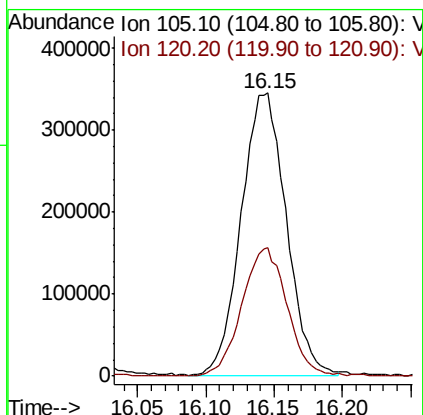
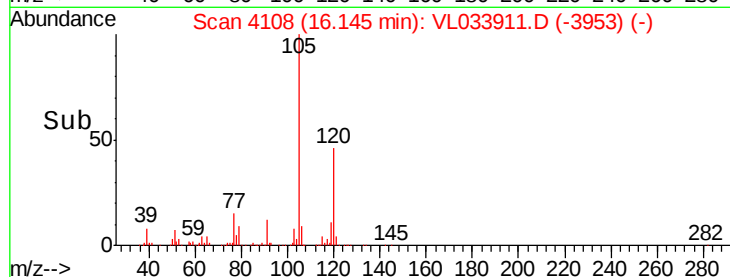
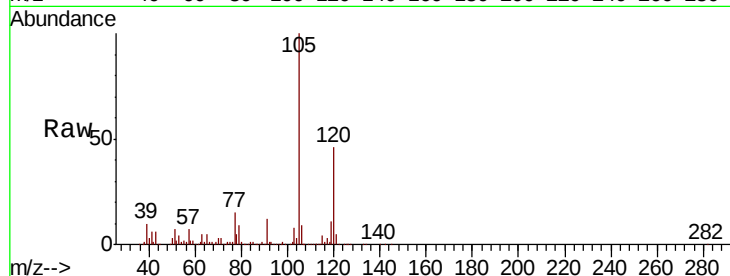
Ion Ratio Lower Upper

105 100

120 45.5 37.1 55.7

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#74

1,2,4-Trimethylbenzene

Concen: 5.226 ppbv

RT: 16.91 min Scan# 4346

Delta R.T. -0.00 min

Lab File: VL033911.D

Acq: 14 Jun 2019 00:10

Tgt Ion:105 Resp: 1733866

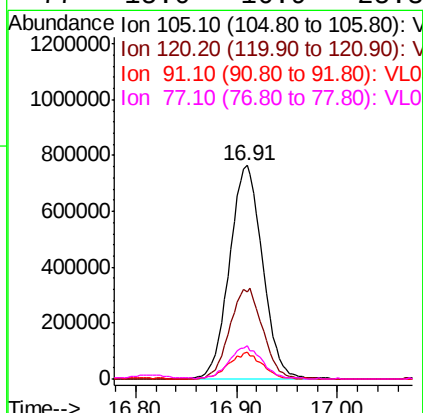
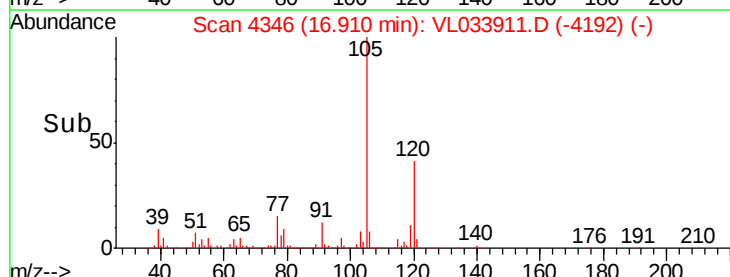
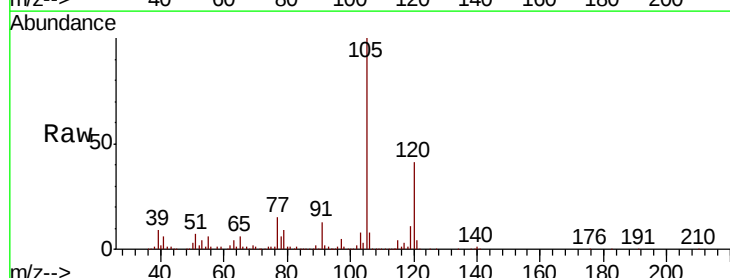
Ion Ratio Lower Upper

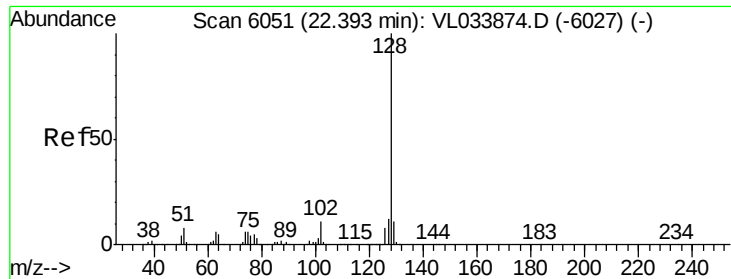
105 100

120 40.6 36.7 55.1

91 12.4 35.8 53.8#

77 15.0 16.9 25.3#





#79

Naphthalene

Concen: 0.163 ppbv m

RT: 22.39 min Scan# 6050

Delta R.T. -0.00 min

Lab File: VL033911.D

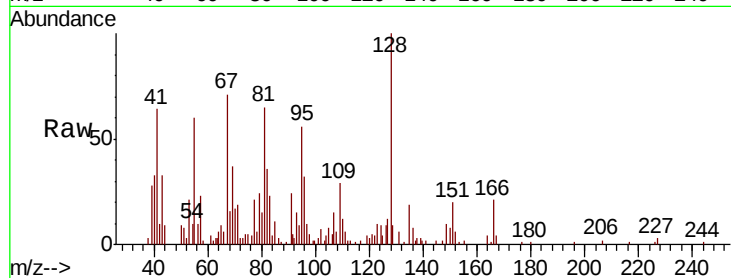
Acq: 14 Jun 2019 00:10

Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612-1



Tot Ion:	128	Resp:	43156
Ion Ratio	Lower	Upper	
128	100		
127	11.8	9.7	14.5
129	9.3	8.6	12.8

Manual Integrations
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