

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033121\
 Data File : VL036620.D
 Acq On : 1 Apr 2021 3:27
 Operator : SY/AP
 Sample : M1841-08
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-OA-1

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 6:54:12 PM

Quant Time: Apr 02 15:48:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1532582	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	3445570	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3145442	10.00	ppbv	0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.44	95	2476464	9.88	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	59744	0.239	ppbv	98
3) Chlorodifluoromethane	3.00	51	92129	0.322	ppbv #	91
4) Chloromethane	3.15	50	45158	0.446	ppbv #	87
9) Propene	3.02	41	240336m	2.633	ppbv	
10) Heptane	8.14	43	94039	0.404	ppbv	93
11) Trichlorofluoromethane	3.96	101	42584	0.167	ppbv	92
13) Ethanol	3.62	45	1571907	144.603	ppbv	94
15) Acetone	3.86	43	21707820	143.911	ppbv #	69
17) tert-Butyl alcohol	4.31	59	2073023	15.787	ppbv	97
19) Isopropyl Alcohol	3.99	45	616997	7.436	ppbv #	89
20) Methylene Chloride	4.36	84	846931	11.992	ppbv	93
26) Hexane	5.70	57	1646915	9.896	ppbv #	47
28) Methyl tert-Butyl Ether	5.05	73	30852	0.157	ppbv #	83
30) Cyclohexane	7.15	84	47869m	0.355	ppbv	
34) 2-Butanone	5.26	43	3033819	18.038	ppbv	98
35) Carbon Tetrachloride	7.04	117	15794m	0.060	ppbv	
36) Benzene	6.92	78	107393m	0.338	ppbv	
41) Tetrahydrofuran	6.09	42	67348m	0.868	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	351535	0.629	ppbv #	82
52) Tetrachloroethene	11.25	164	4324m	0.037	ppbv	
53) Toluene	9.83	91	1932679	5.711	ppbv	99
58) Ethyl Benzene	12.73	91	315207	0.689	ppbv	100
59) m/p-Xylene	12.99	91	1203698	3.016	ppbv	95
60) o-Xylene	13.72	91	632316	1.638	ppbv	100
61) Styrene	13.55	104	22445m	0.116	ppbv	
62) Isopropylbenzene	14.69	105	60332m	0.116	ppbv	
64) n-propylbenzene	15.60	120	35774m	0.282	ppbv	
70) n-Butylbenzene	18.58	91	80405m	0.156	ppbv	
72) 4-Ethyltoluene	15.87	105	257360m	0.609	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	324215	0.821	ppbv	97
74) 1,2,4-Trimethylbenzene	16.79	105	1095515	2.594	ppbv #	67
79) Naphthalene	22.24	128	43578m	0.177	ppbv	

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

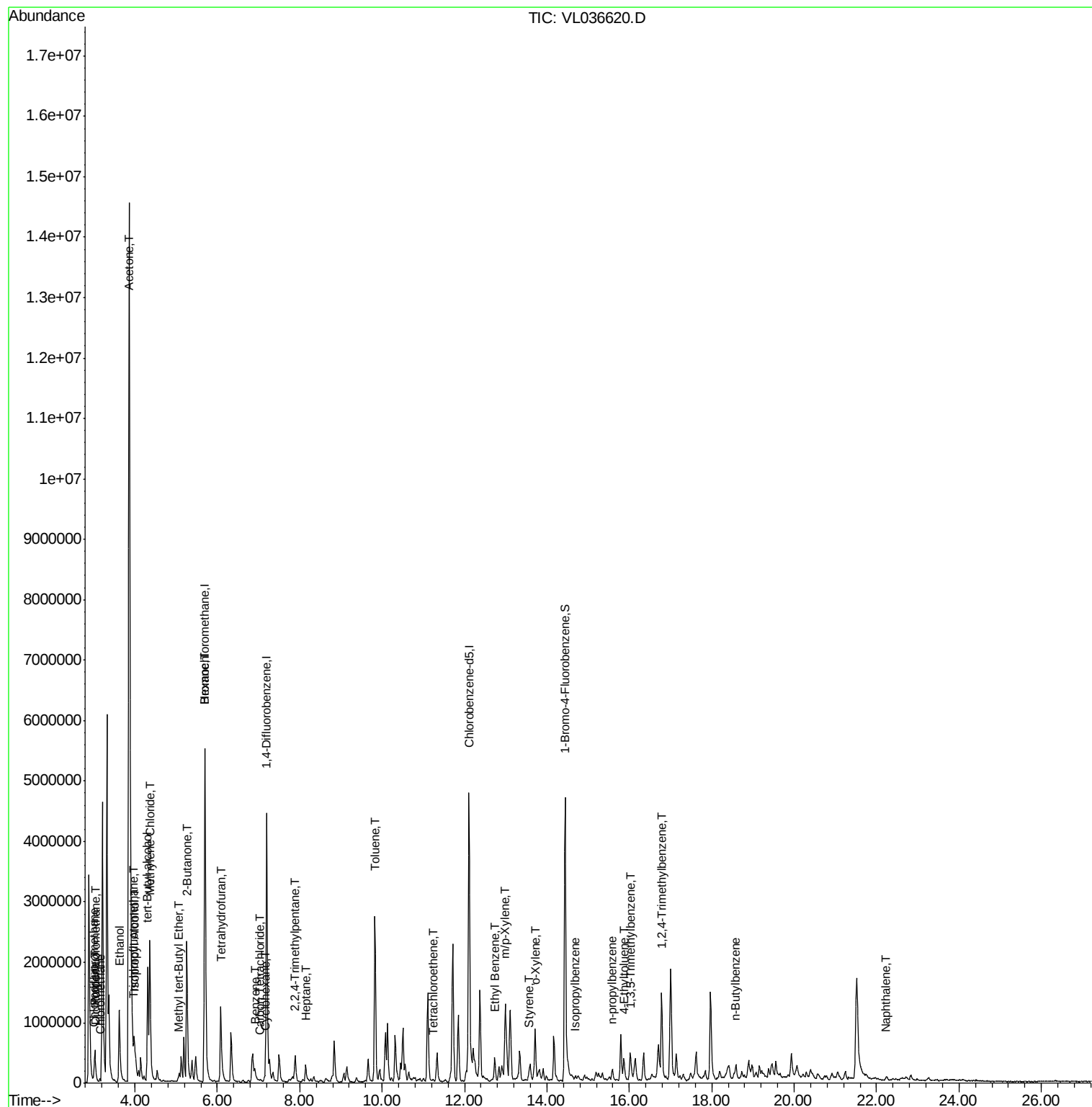
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL033121\
Data File : VL036620.D
Acq On : 1 Apr 2021 3:27
Operator : SY/AP
Sample : M1841-08
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

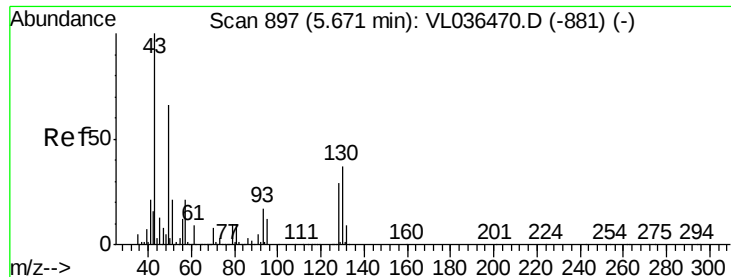
Instrument :
MSVOA_L
ClientSampleId :
PBS-OA-1

Manual Integrations
APPROVED

MMDadoda
4/2/2021 6:54:12 PM

Quant Time: Apr 02 15:48:51 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.02 min

Lab File: VL036620.D

Acq: 1 Apr 2021 3:27

Instrument :

MSVOA_L

ClientSampleId :

PBS-OA-1

Tot Ion: 49 Resp: 1532582

Ion Ratio Lower Upper

49 100

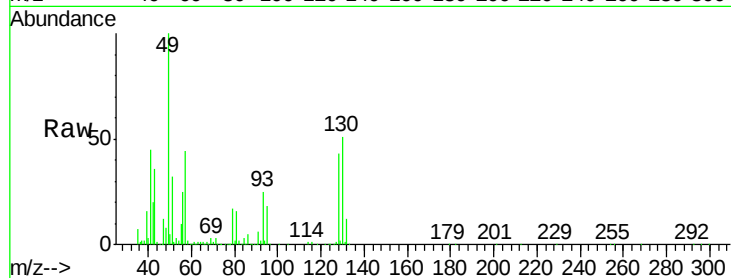
128 43.3 23.5 70.6

130 54.5 29.1 87.4

Manual Integrations
APPROVED

MMDadoda

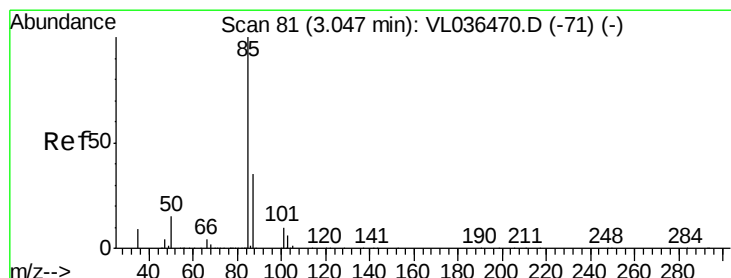
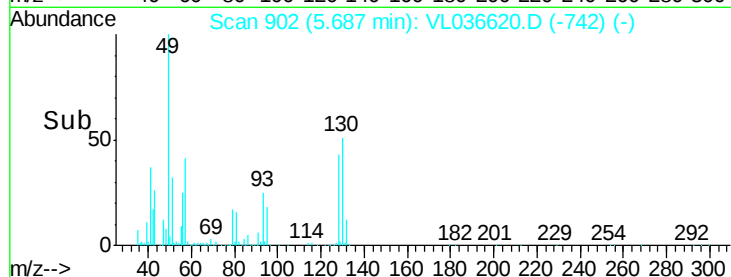
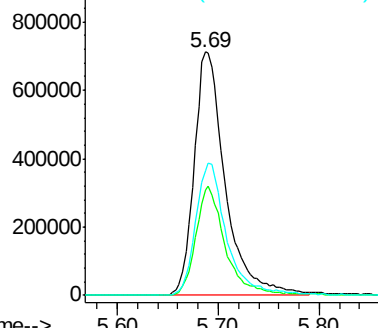
4/2/2021 6:54:12 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.239 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL036620.D

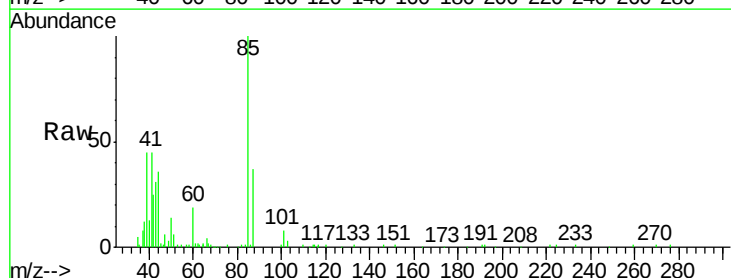
Acq: 1 Apr 2021 3:27

Tgt Ion: 85 Resp: 59744

Ion Ratio Lower Upper

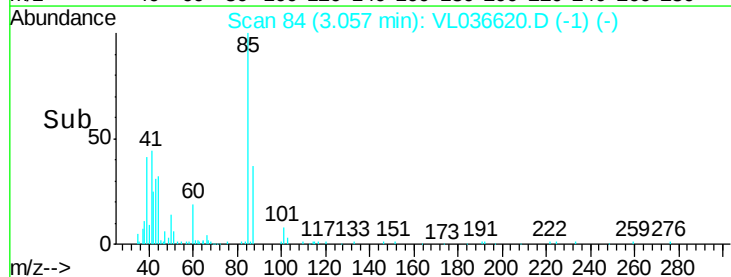
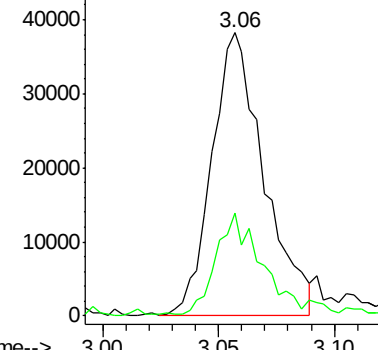
85 100

87 36.0 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





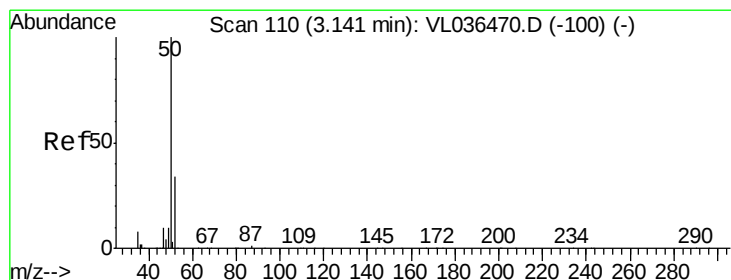
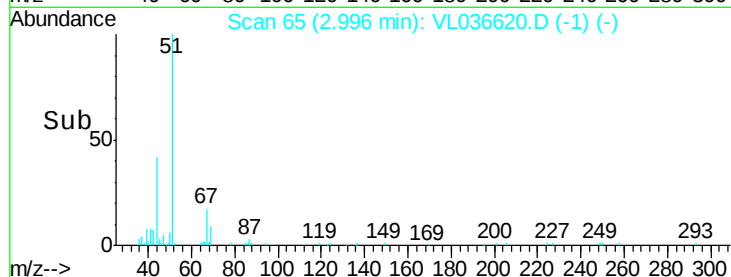
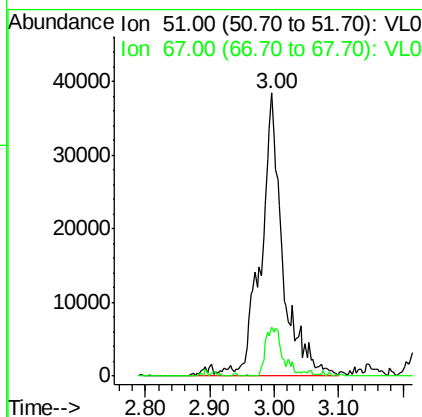
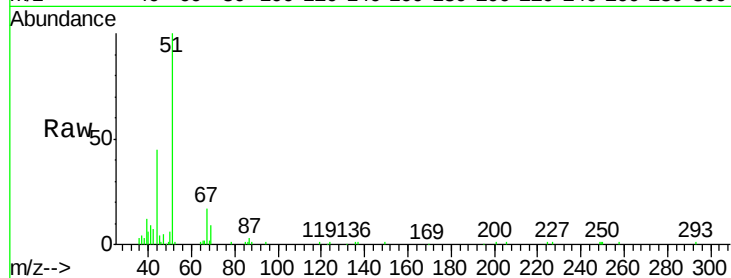
#3
Chlorodifluoromethane
Concen: 0.322 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.01 min
Lab File: VL036620.D
Acq: 1 Apr 2021 3:27

Instrument :
MSVOA_L
ClientSampleId :
PBS-OA-1

Tot Ion	Ratio	Lower	Upper
51	100		
67	14.4	14.7	22.1#

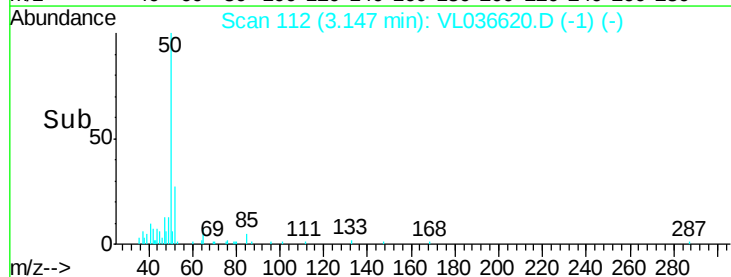
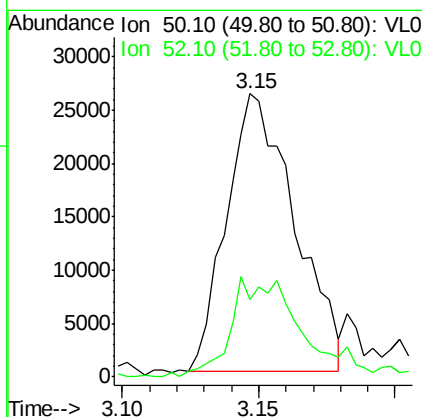
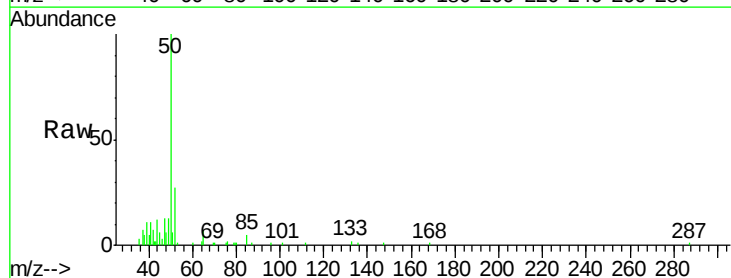
Manual Integrations
APPROVED

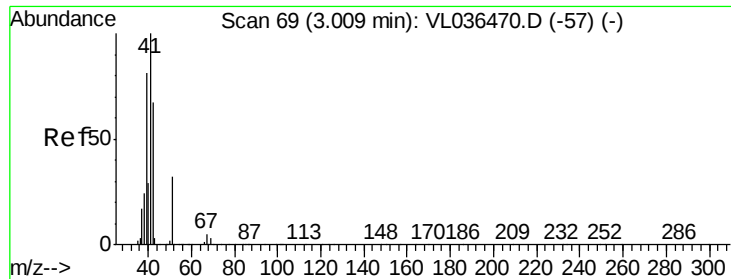
MMDadoda
4/2/2021 6:54:12 PM



#4
Chloromethane
Concen: 0.446 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.01 min
Lab File: VL036620.D
Acq: 1 Apr 2021 3:27

Tgt Ion	Ratio	Lower	Upper
50	100		
52	26.2	27.0	40.6#





#9

Propene

Concen: 2.633 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL036620.D

Acq: 1 Apr 2021 3:27

Instrument :

MSVOA_L

ClientSampled :

PBS-OA-1

Tot Ion: 41 Resp: 240336

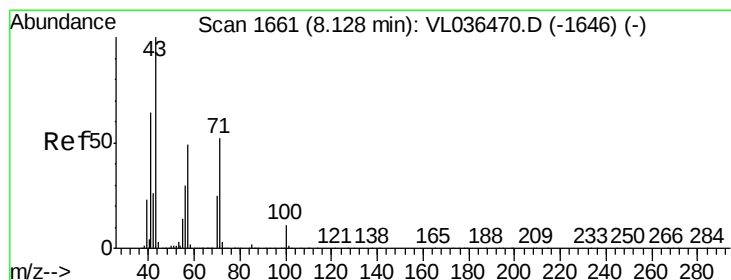
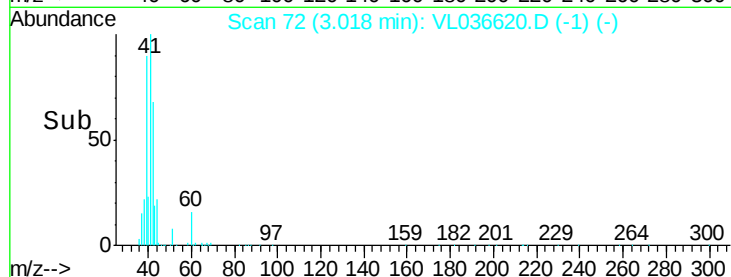
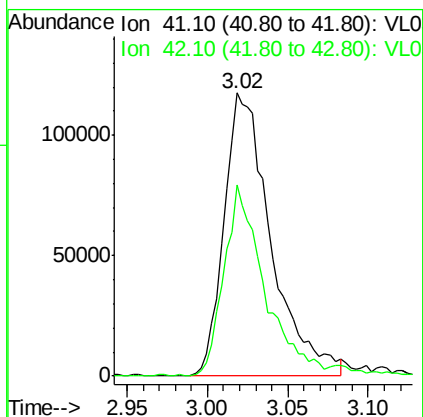
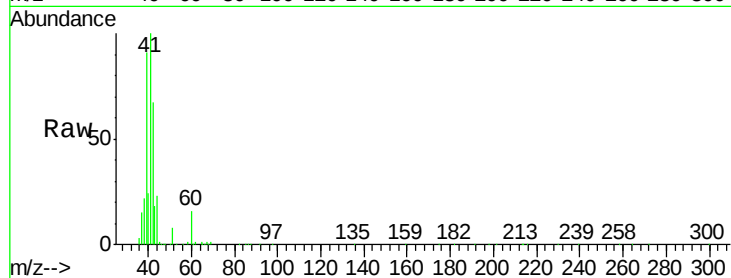
Ion Ratio Lower Upper

41 100

42 61.6 57.0 85.4

Manual Integrations
APPROVED

MMDadoda
4/2/2021 6:54:12 PM



#10

Heptane

Concen: 0.404 ppbv

RT: 8.14 min Scan# 1666

Delta R.T. 0.02 min

Lab File: VL036620.D

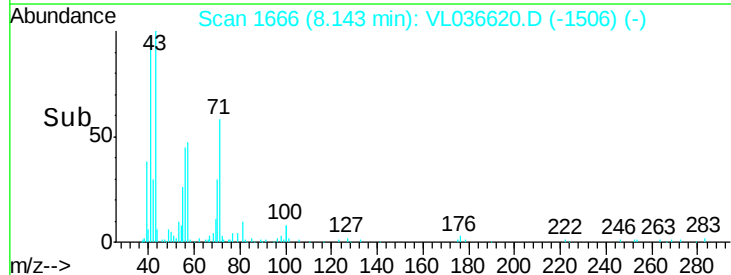
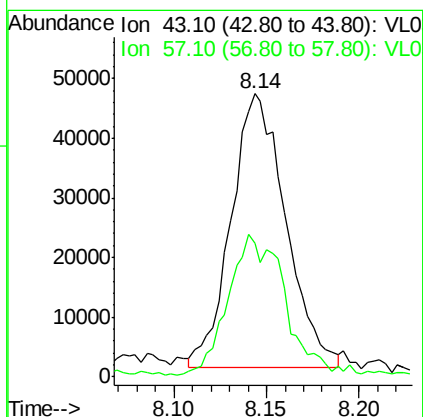
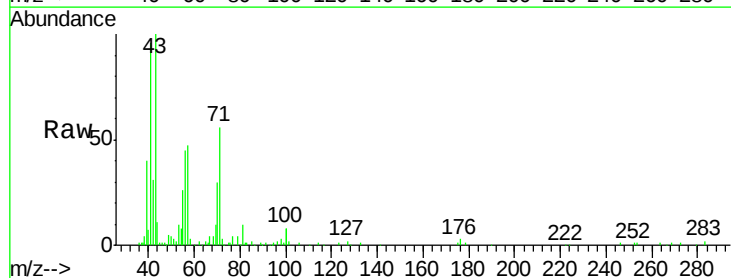
Acq: 1 Apr 2021 3:27

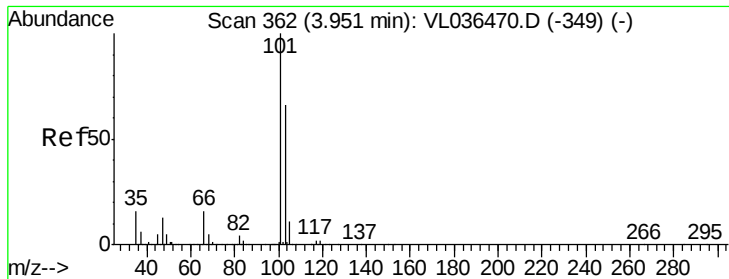
Tgt Ion: 43 Resp: 94039

Ion Ratio Lower Upper

43 100

57 53.7 39.0 58.6





#11

Trichlorofluoromethane

Concen: 0.167 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.01 min

Lab File: VL036620.D

Acq: 1 Apr 2021 3:27

Instrument :

MSVOA_L

ClientSampleId :

PBS-OA-1

Tot Ion:101 Resp: 42584

Ion Ratio Lower Upper

101 100

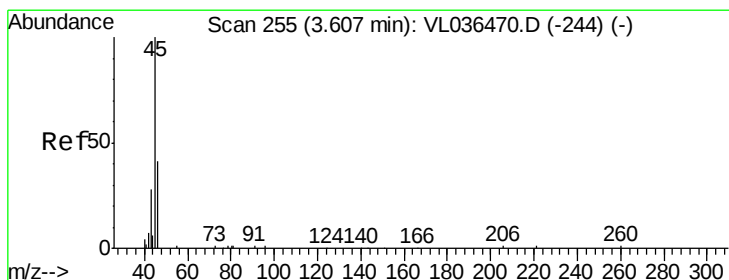
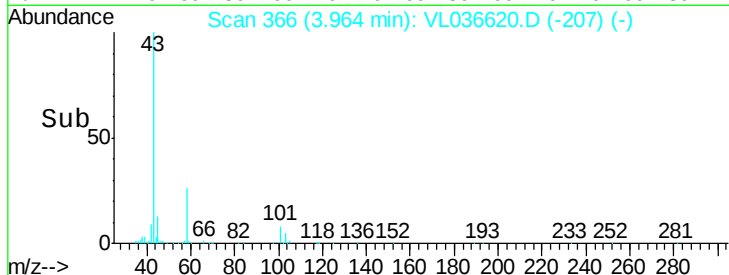
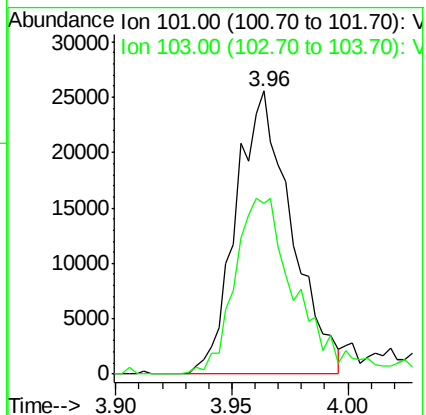
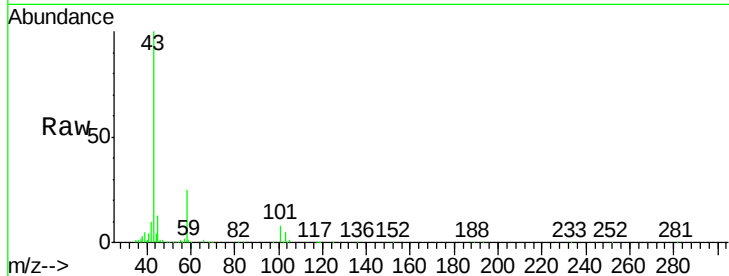
103 59.5 52.5 78.7

Manual Integrations

APPROVED

MMDadoda

4/2/2021 6:54:12 PM



#13

Ethanol

Concen: 144.603 ppbv

RT: 3.62 min Scan# 258

Delta R.T. 0.01 min

Lab File: VL036620.D

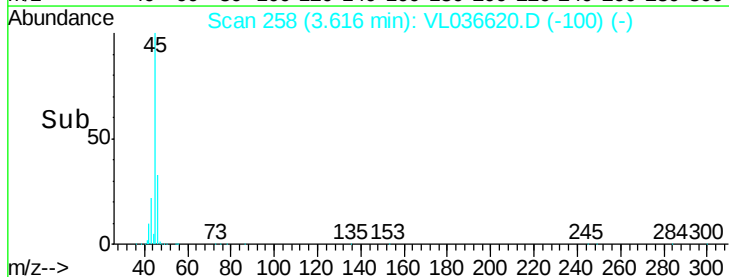
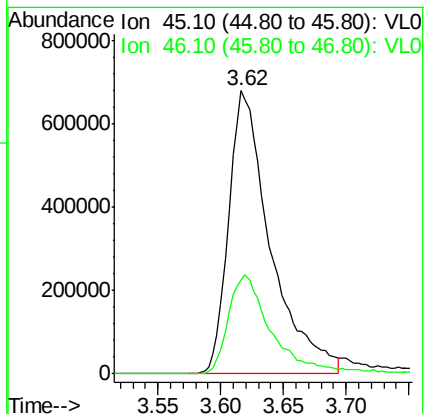
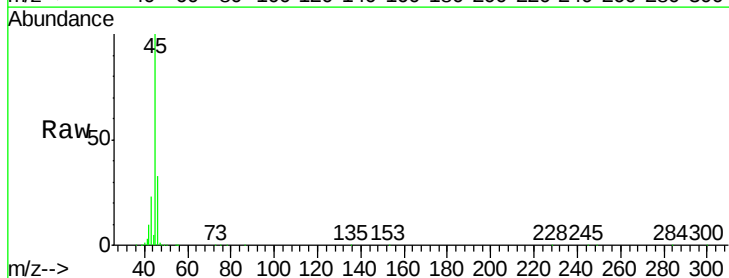
Acq: 1 Apr 2021 3:27

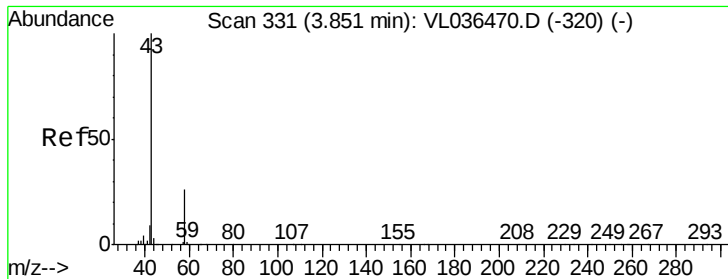
Tgt Ion: 45 Resp: 1571907

Ion Ratio Lower Upper

45 100

46 37.4 16.6 66.2





#15

Acetone

Concen: 143.911 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL036620.D

Acq: 1 Apr 2021 3:27

Instrument :

MSVOA_L

ClientSampleId :

PBS-OA-1

Tot Ion: 43 Resp: 21707820

Ion Ratio Lower Upper

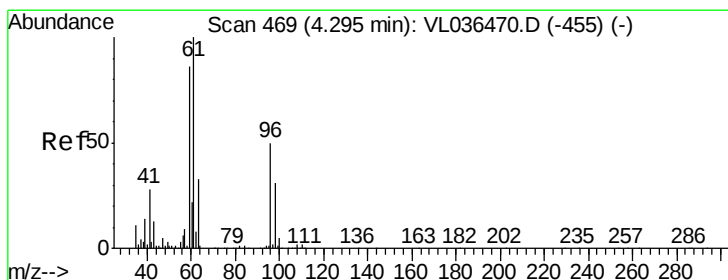
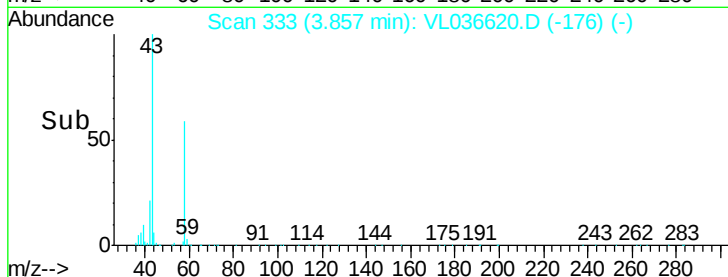
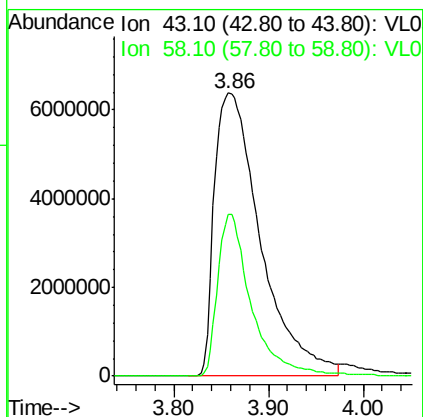
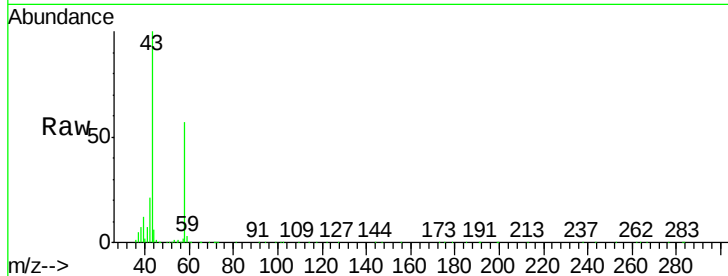
43 100

58 42.4 21.2 31.8#

Manual Integrations
APPROVED

MMDadoda

4/2/2021 6:54:12 PM



#17

tert-Butyl alcohol

Concen: 15.787 ppbv

RT: 4.31 min Scan# 473

Delta R.T. 0.01 min

Lab File: VL036620.D

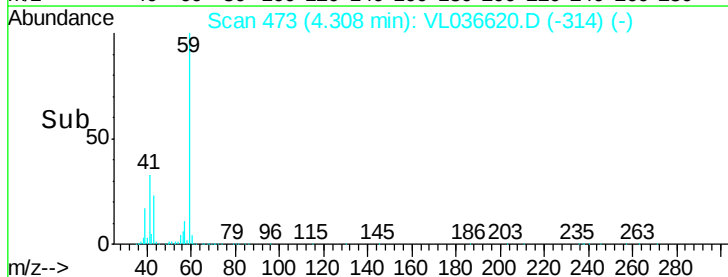
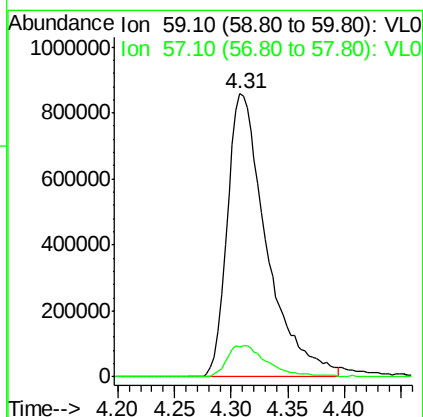
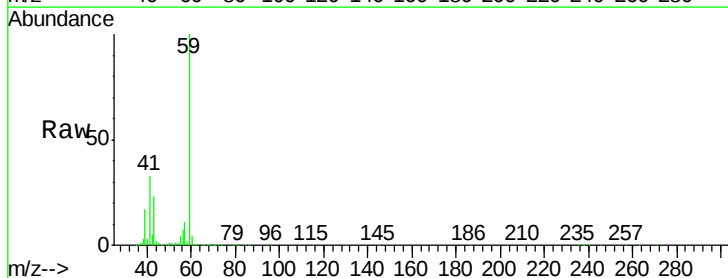
Acq: 1 Apr 2021 3:27

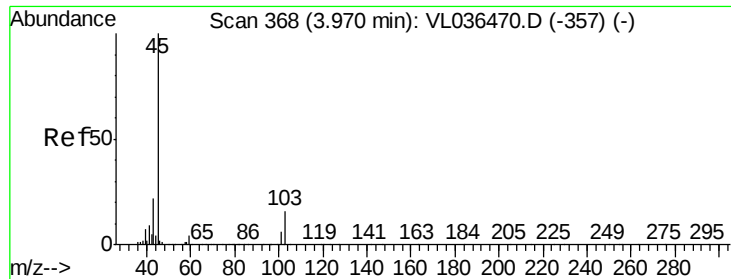
Tgt Ion: 59 Resp: 2073023

Ion Ratio Lower Upper

59 100

57 11.7 8.6 12.8





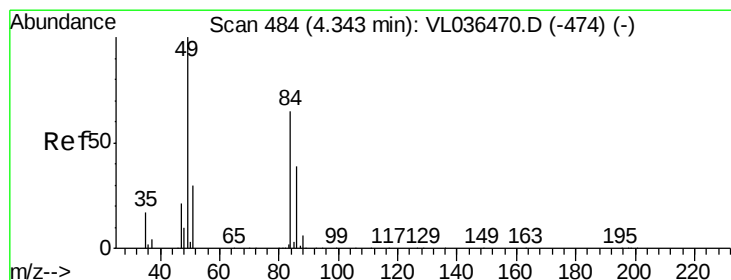
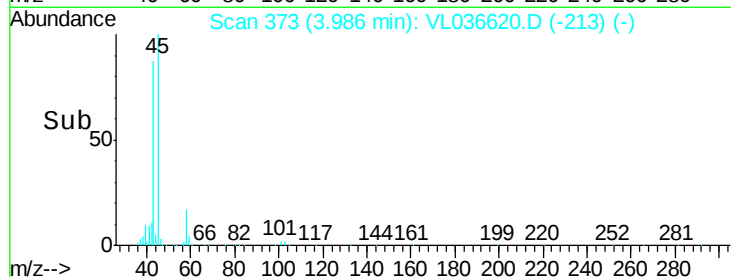
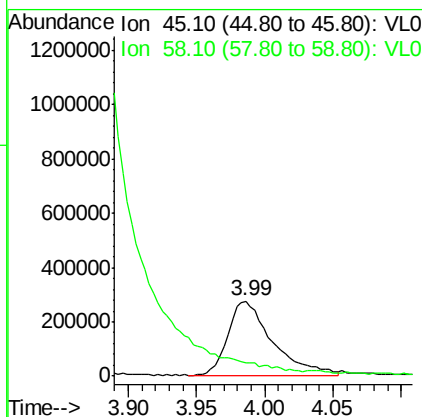
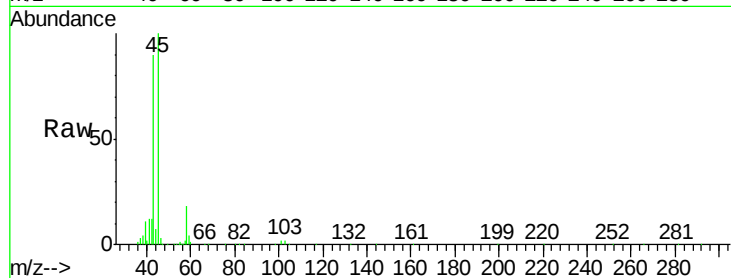
#19
Isopropyl Alcohol
Concen: 7.436 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.02 min
Lab File: VL036620.D
Acq: 1 Apr 2021 3:27

Instrument :
MSVOA_L
ClientSampled :
PBS-OA-1

Tot Ion: 45 Resp: 616997
Ion Ratio Lower Upper
45 100
58 0.0 2.9 4.3#

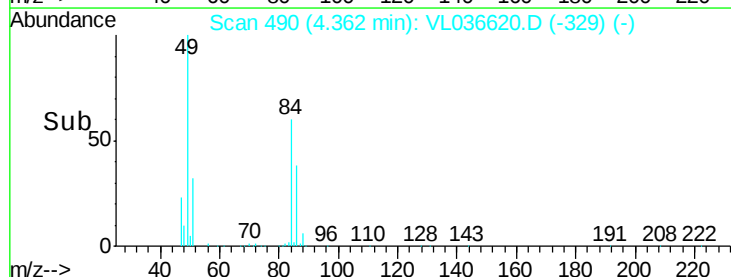
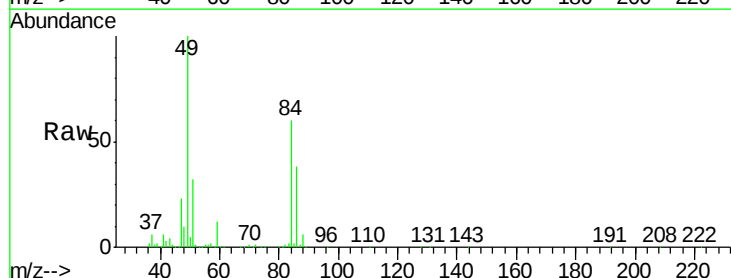
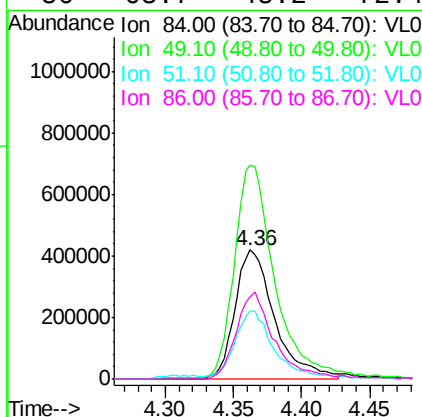
Manual Integrations
APPROVED

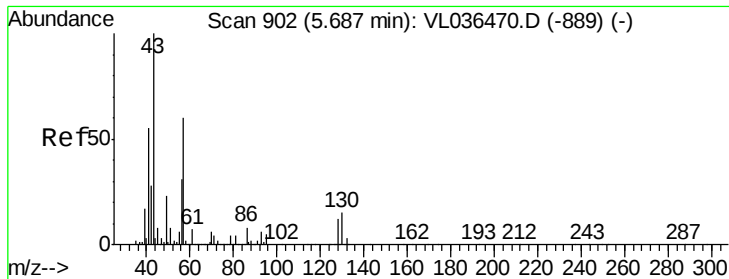
MMDadoda
4/2/2021 6:54:12 PM



#20
Methylene Chloride
Concen: 11.992 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.02 min
Lab File: VL036620.D
Acq: 1 Apr 2021 3:27

Tgt Ion: 84 Resp: 846931
Ion Ratio Lower Upper
84 100
49 164.7 122.9 184.3
51 50.5 36.9 55.3
86 63.7 48.2 72.4





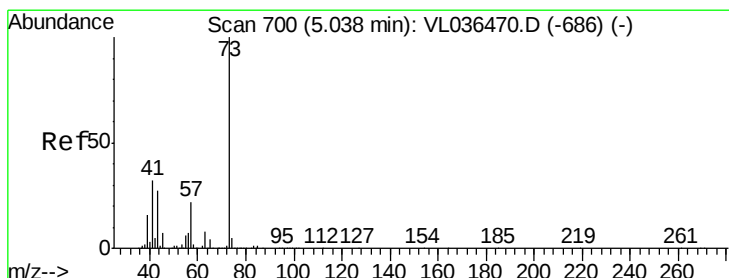
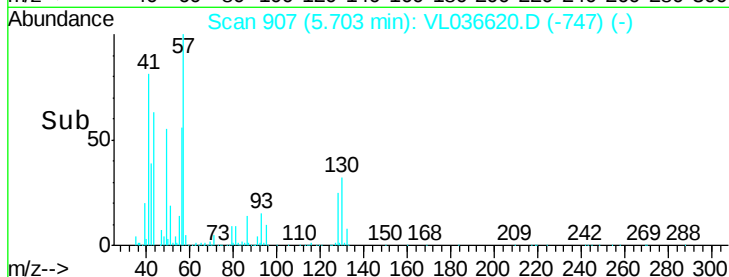
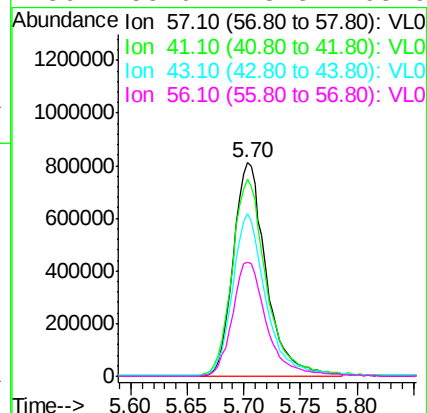
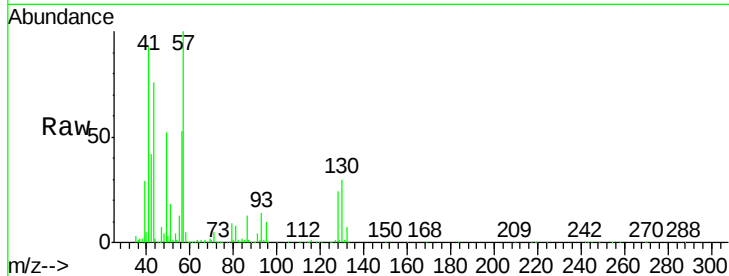
#26
Hexane
Concen: 9.896 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.02 min
Lab File: VL036620.D
Acq: 1 Apr 2021 3:27

Instrument :
MSVOA_L
ClientSampleId :
PBS-OA-1

Tot Ion	Ratio	Lower	Upper
57	100		
41	96.6	77.2	115.8
43	75.8	173.8	260.6#
56	55.9	43.8	65.6

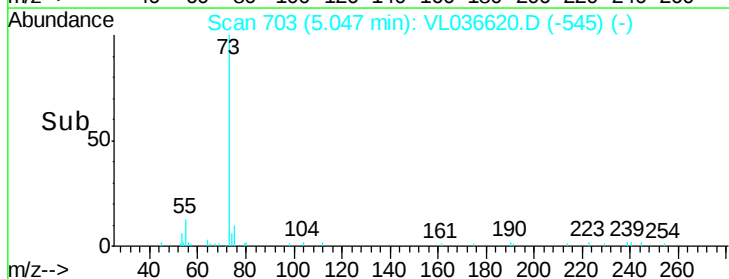
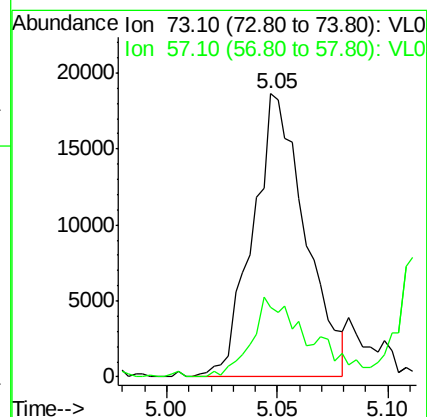
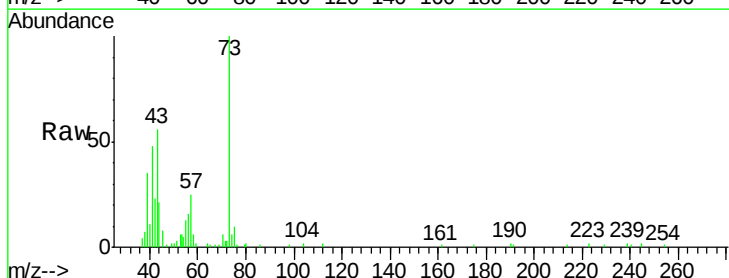
Manual Integrations
APPROVED

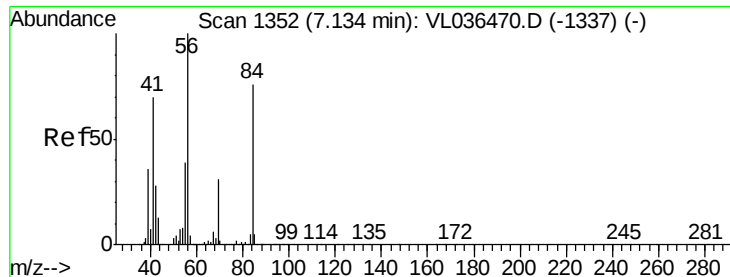
MMDadoda
4/2/2021 6:54:12 PM



#28
Methyl tert-Butyl Ether
Concen: 0.157 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.01 min
Lab File: VL036620.D
Acq: 1 Apr 2021 3:27

Tgt Ion	Ratio	Lower	Upper
73	100		
57	31.3	18.5	27.7#





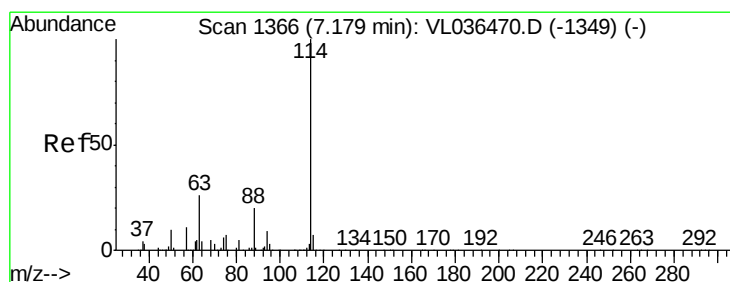
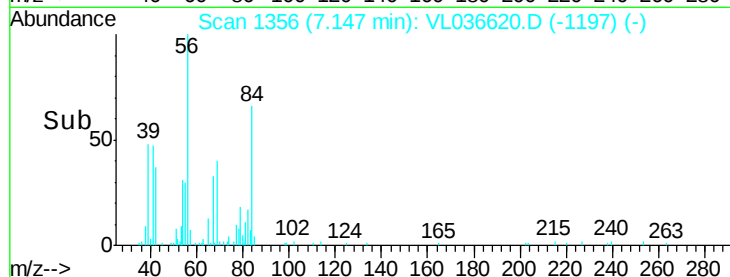
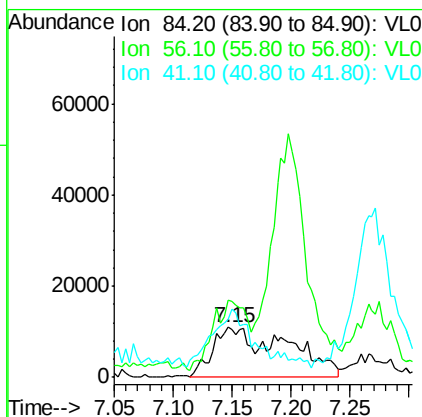
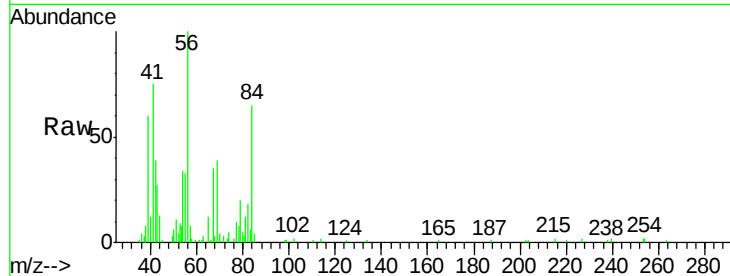
#30
Cyclohexane
Concen: 0.355 ppbv m
RT: 7.15 min Scan# 1356
Delta R.T. 0.01 min
Lab File: VL036620.D
Acq: 1 Apr 2021 3:27

Instrument :
MSVOA_L
ClientSampleId :
PBS-OA-1

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	114.6	171.8#
41	0.0	75.3	112.9#

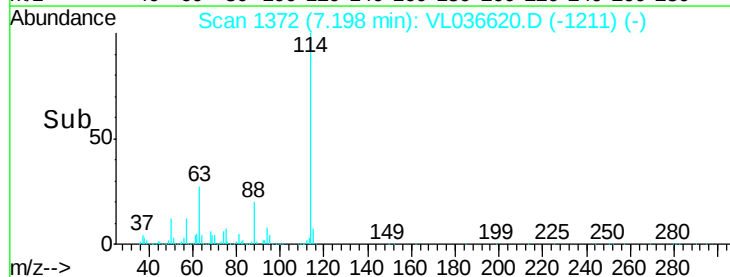
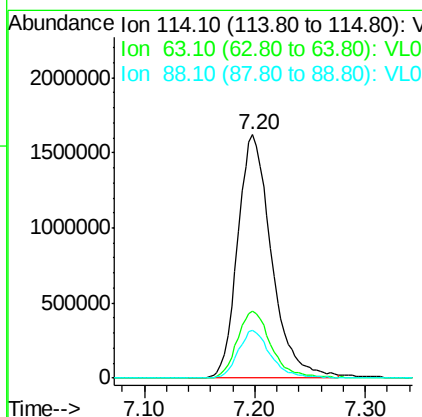
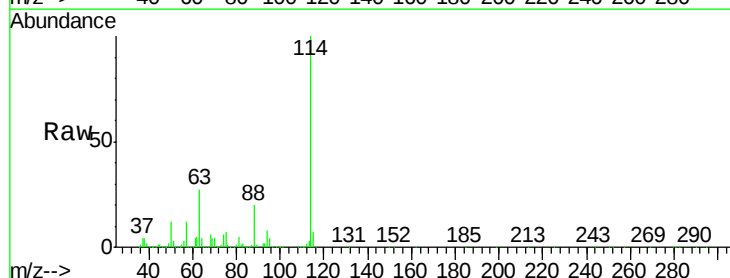
Manual Integrations
APPROVED

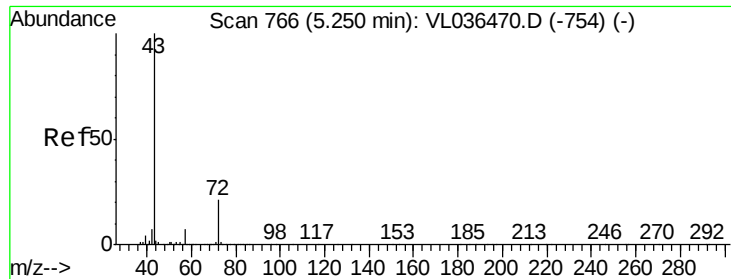
MMDadoda
4/2/2021 6:54:12 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. 0.02 min
Lab File: VL036620.D
Acq: 1 Apr 2021 3:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.4	33.6
88	19.0	15.4	23.0





#34

2-Butanone

Concen: 18.038 ppbv

RT: 5.26 min Scan# 769

Delta R.T. 0.01 min

Lab File: VL036620.D

Acq: 1 Apr 2021 3:27

Instrument :

MSVOA_L

ClientSampleId :

PBS-OA-1

Tot Ion: 43 Resp: 3033819

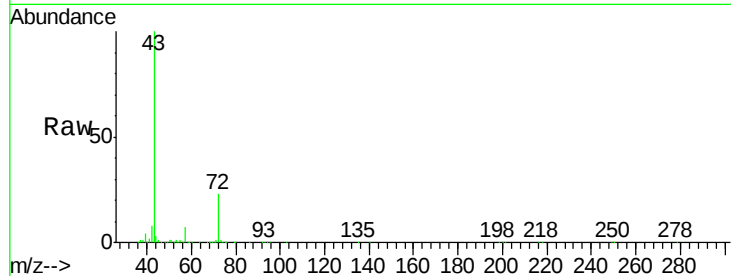
Ion Ratio Lower Upper

43 100

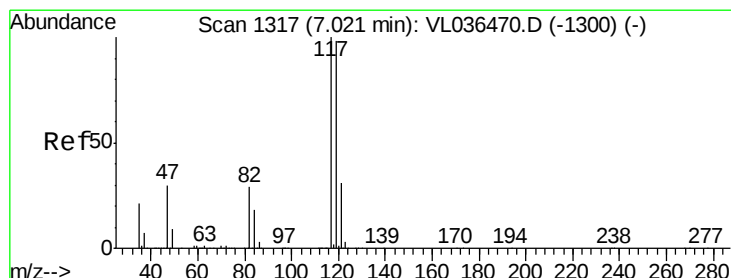
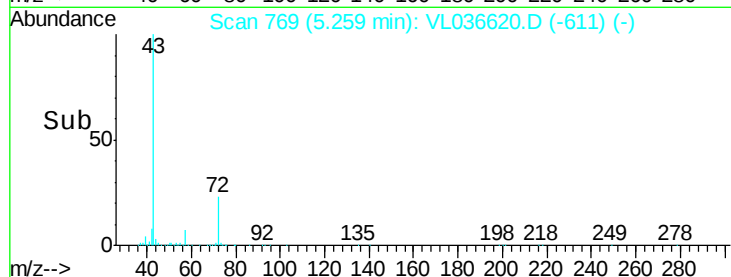
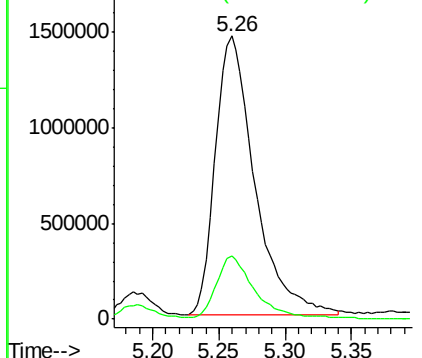
72 22.0 17.0 25.6

Manual Integrations
APPROVED

MMDadoda
4/2/2021 6:54:12 PM



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



#35

Carbon Tetrachloride

Concen: 0.060 ppbv m

RT: 7.04 min Scan# 1322

Delta R.T. 0.02 min

Lab File: VL036620.D

Acq: 1 Apr 2021 3:27

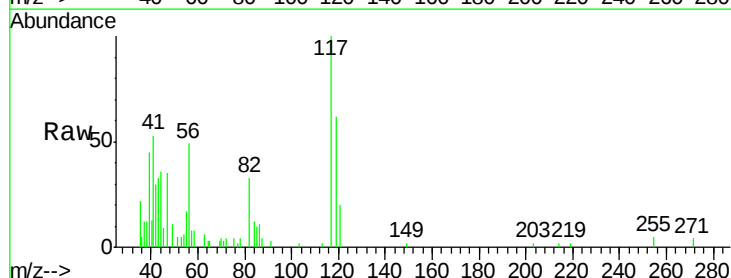
Tgt Ion: 117 Resp: 15794

Ion Ratio Lower Upper

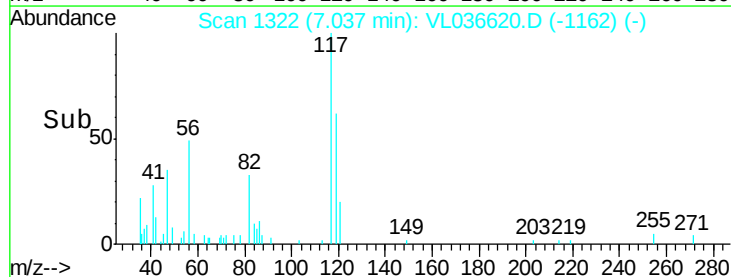
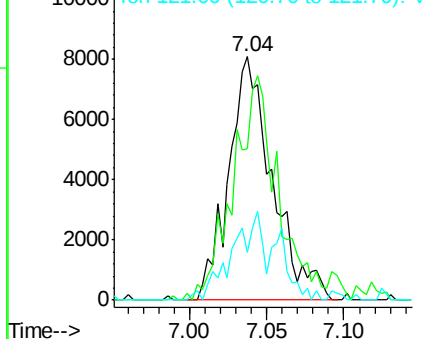
117 100

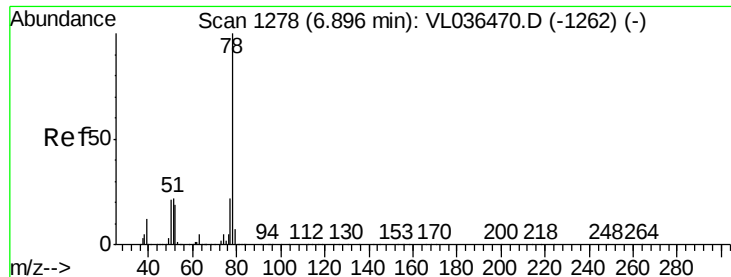
119 62.5 78.2 117.2#

121 19.7 24.5 36.7#



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V





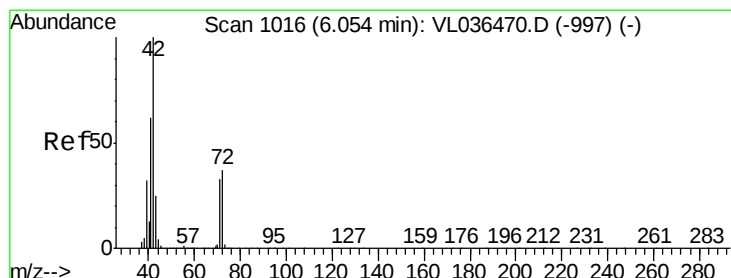
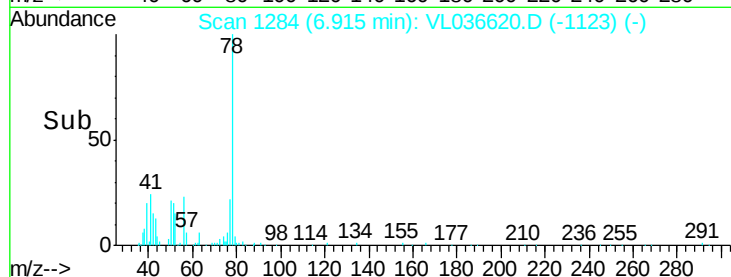
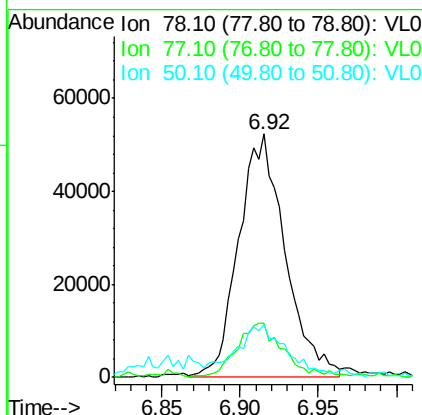
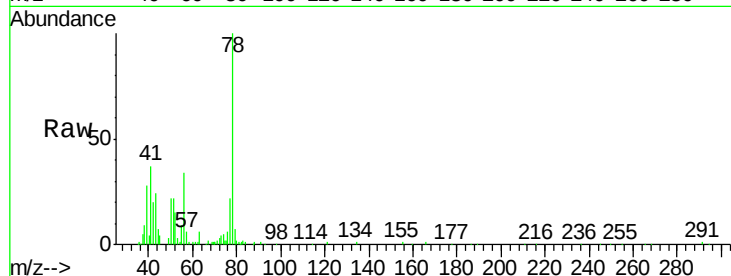
#36
Benzene
Concen: 0.338 ppbv m
RT: 6.92 min Scan# 1284
Delta R.T. 0.02 min
Lab File: VL036620.D
Acq: 1 Apr 2021 3:27

Instrument :
MSVOA_L
ClientSampleId :
PBS-OA-1

Tot Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.0	27.0
50	21.5	16.5	24.7

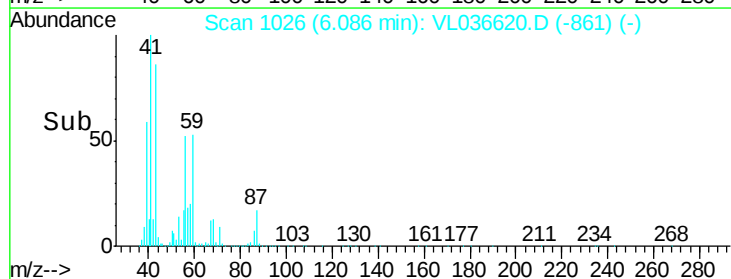
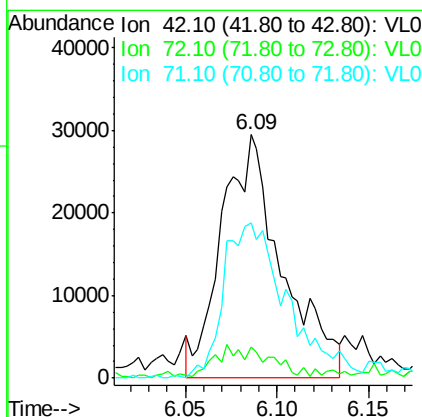
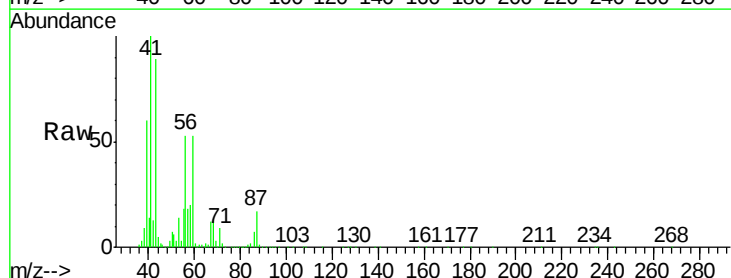
Manual Integrations
APPROVED

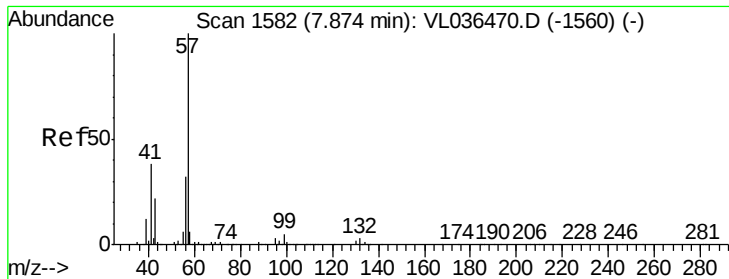
MMDadoda
4/2/2021 6:54:12 PM



#41
Tetrahydrofuran
Concen: 0.868 ppbv m
RT: 6.09 min Scan# 1026
Delta R.T. 0.03 min
Lab File: VL036620.D
Acq: 1 Apr 2021 3:27

Tgt Ion	Ratio	Lower	Upper
42	100		
72	12.6	27.6	41.4#
71	0.0	27.0	40.4#





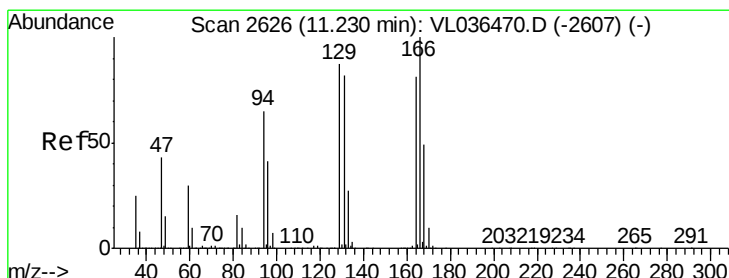
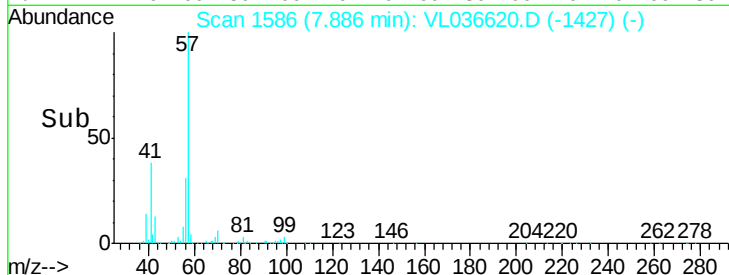
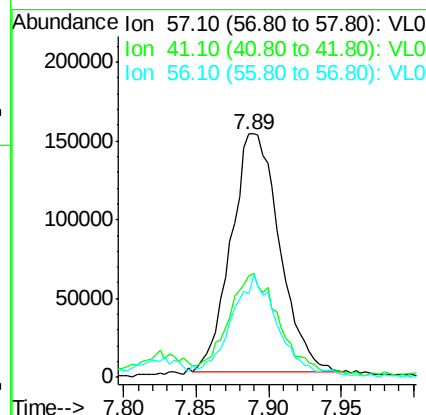
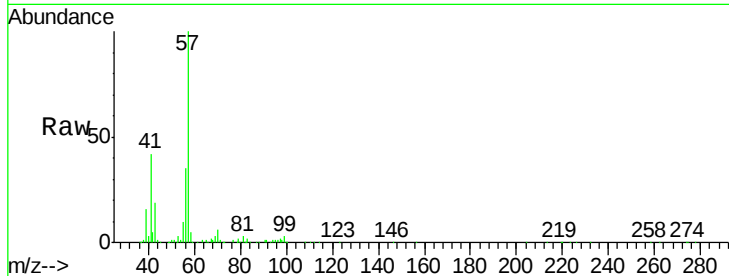
#44
 2,2,4-Trimethylpentane
 Concen: 0.629 ppbv
 RT: 7.89 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VL036620.D
 Acq: 1 Apr 2021 3:27

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-OA-1

Tot Ion	Ratio	Lower	Upper
57	100		
41	46.9	28.8	43.2#
56	42.4	26.1	39.1#

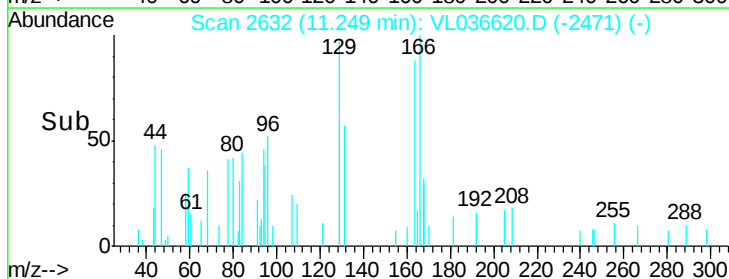
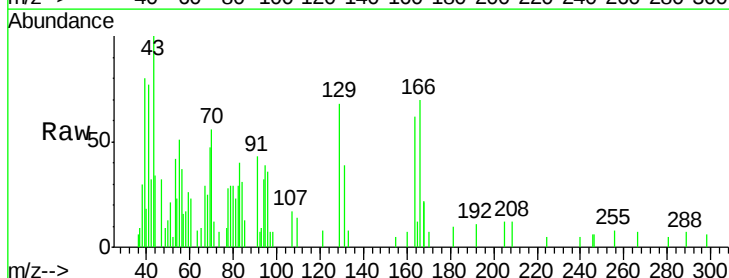
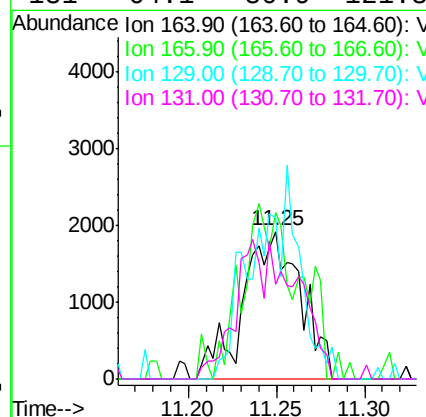
Manual Integrations
 APPROVED

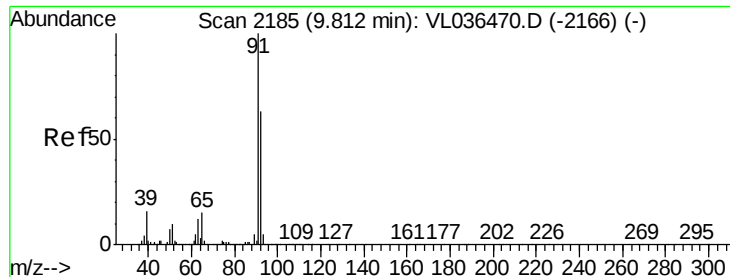
MMDadoda
 4/2/2021 6:54:12 PM



#52
 Tetrachloroethene
 Concen: 0.037 ppbv m
 RT: 11.25 min Scan# 2632
 Delta R.T. 0.02 min
 Lab File: VL036620.D
 Acq: 1 Apr 2021 3:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	113.1	98.3	147.5
129	109.6	85.8	128.8
131	64.1	80.9	121.3#





#53

Toluene

Concen: 5.711 ppbv

RT: 9.83 min Scan# 2190

Delta R.T. 0.02 min

Lab File: VL036620.D

Acq: 1 Apr 2021 3:27

Instrument :

MSVOA_L

ClientSampleId :

PBS-OA-1

Tot Ion: 91 Resp: 1932679

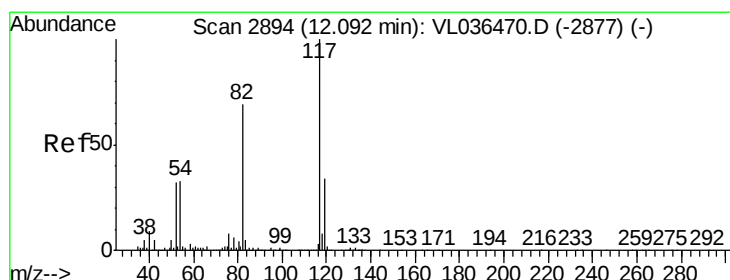
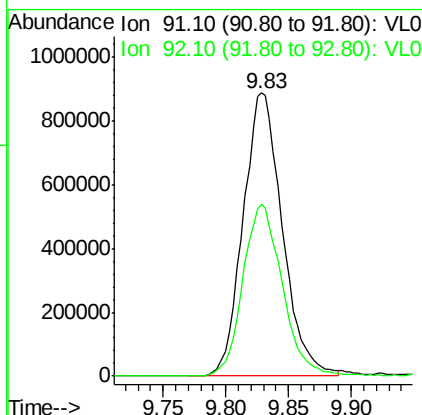
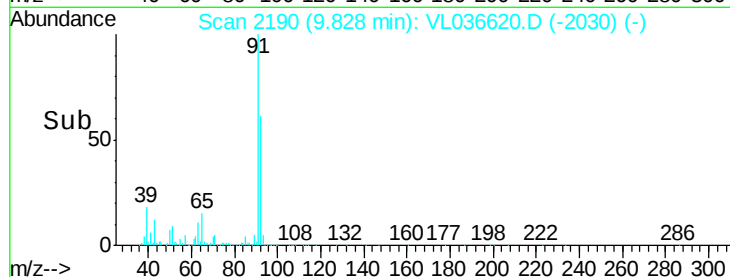
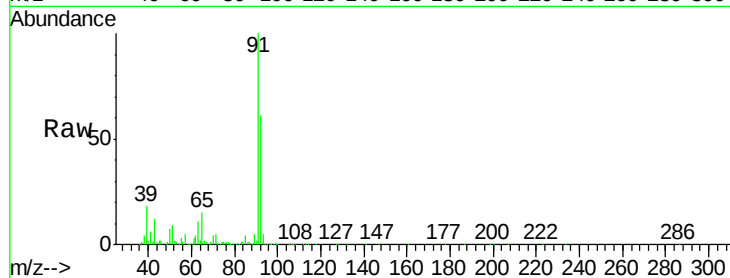
Ion Ratio Lower Upper

91 100

92 61.8 48.8 73.2

Manual Integrations
APPROVED

MMDadoda
4/2/2021 6:54:12 PM



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. 0.02 min

Lab File: VL036620.D

Acq: 1 Apr 2021 3:27

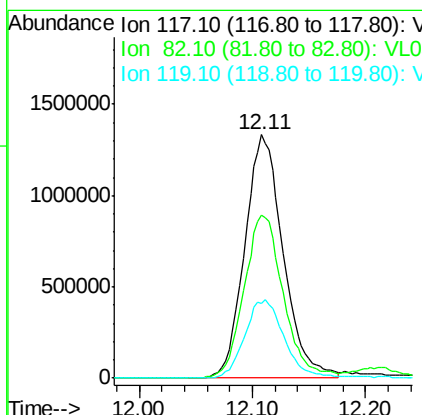
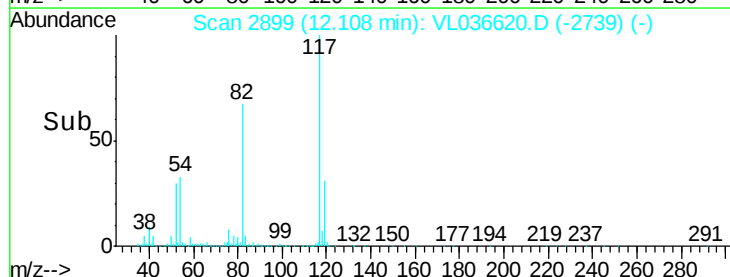
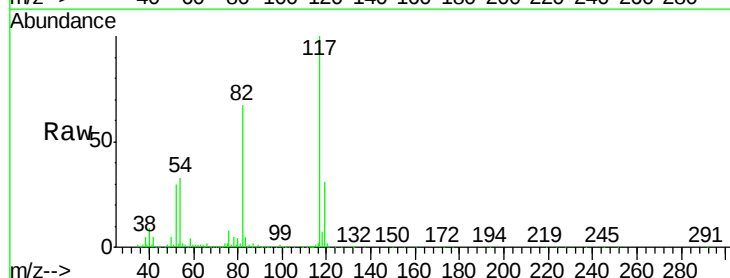
Tgt Ion: 117 Resp: 3145442

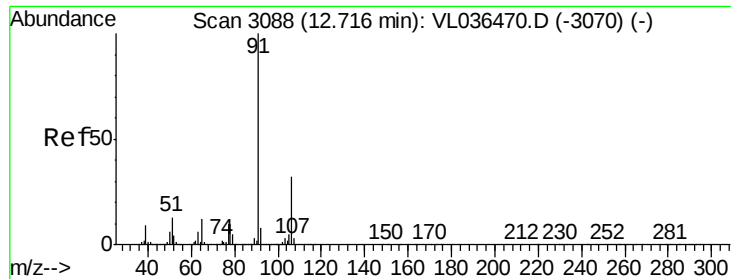
Ion Ratio Lower Upper

117 100

82 68.8 57.4 86.0

119 34.2 47.4 71.0#





#58

Ethyl Benzene

Concen: 0.689 ppbv

RT: 12.73 min Scan# 3094

Delta R.T. 0.02 min

Lab File: VL036620.D

Acq: 1 Apr 2021 3:27

Instrument :

MSVOA_L

ClientSampleId :

PBS-OA-1

Tot Ion: 91 Resp: 315207

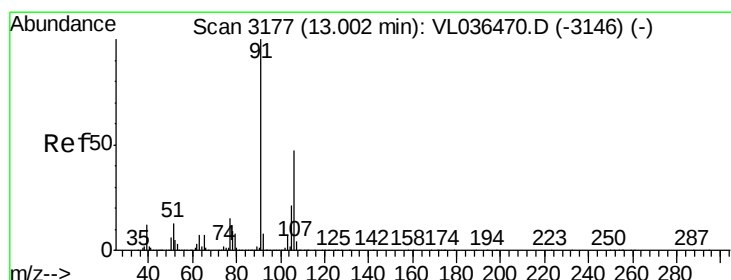
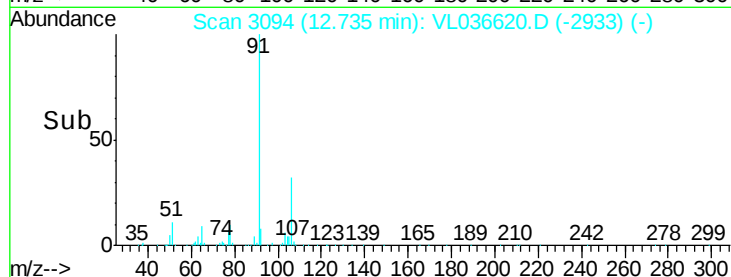
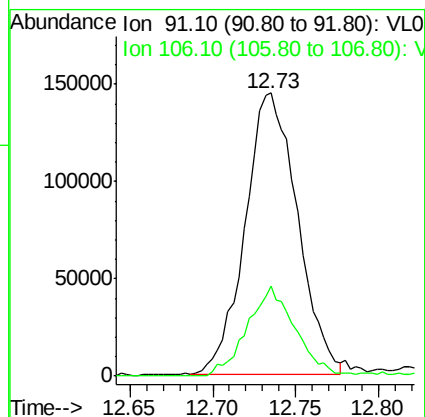
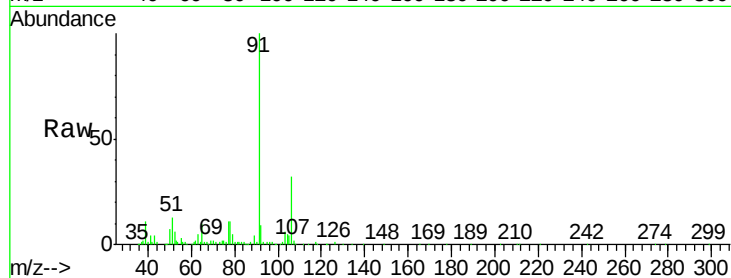
Ion Ratio Lower Upper

91 100

106 31.6 25.3 37.9

Manual Integrations
APPROVED

MMDadoda
4/2/2021 6:54:12 PM



#59

m/p-Xylene

Concen: 3.016 ppbv

RT: 12.99 min Scan# 3174

Delta R.T. -0.01 min

Lab File: VL036620.D

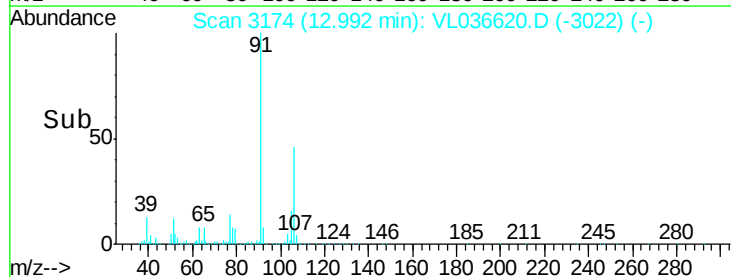
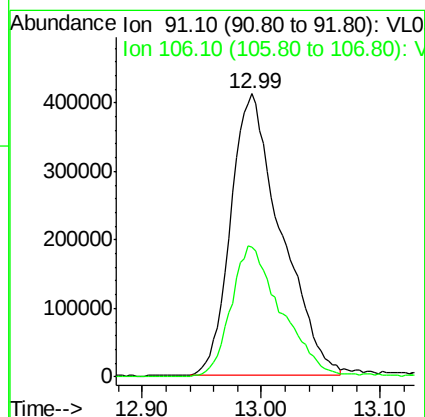
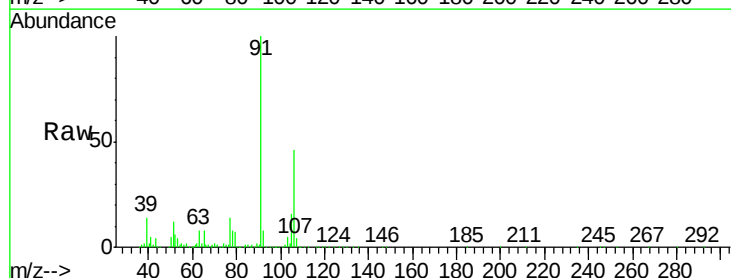
Acq: 1 Apr 2021 3:27

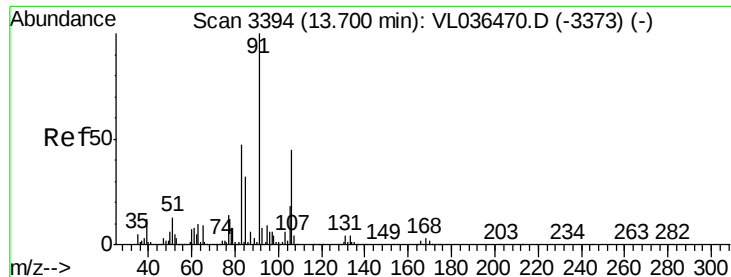
Tgt Ion: 91 Resp: 1203698

Ion Ratio Lower Upper

91 100

106 47.5 35.3 52.9





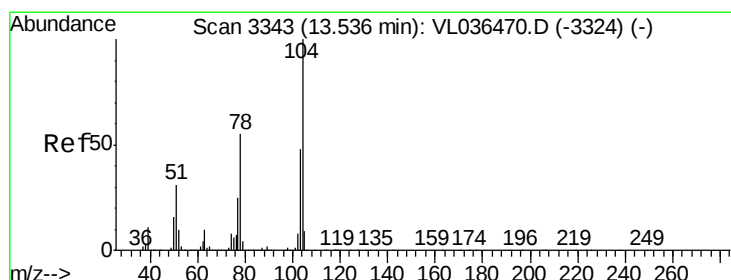
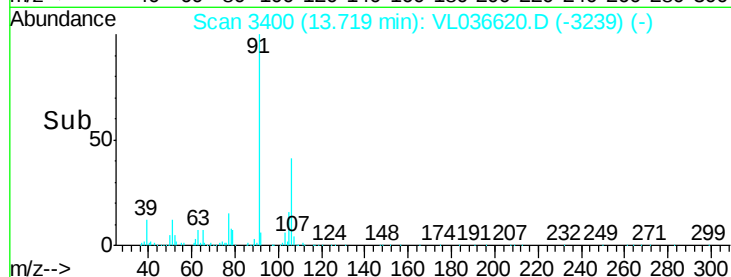
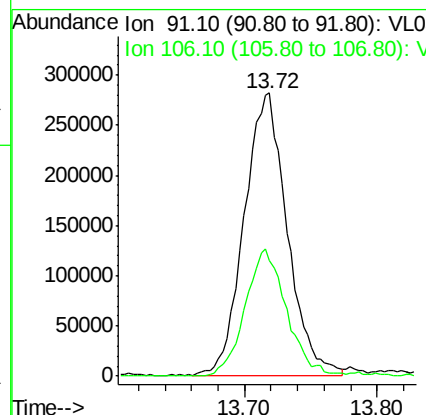
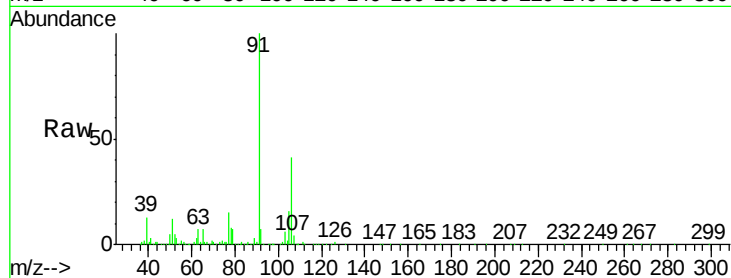
#60
o-Xylene
Concen: 1.638 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.02 min
Lab File: VL036620.D
Acq: 1 Apr 2021 3:27

Instrument :
MSVOA_L
ClientSampleId :
PBS-OA-1

Tot Ion	Ratio	Lower	Upper
91	100		
106	44.6	22.3	66.9

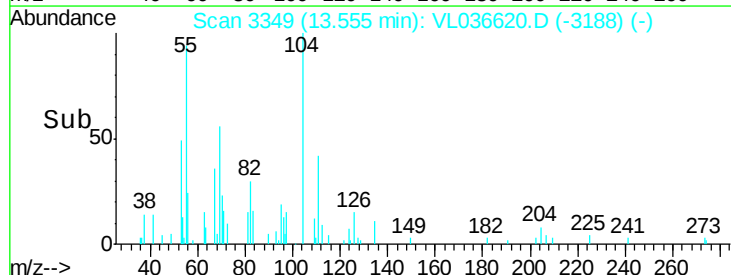
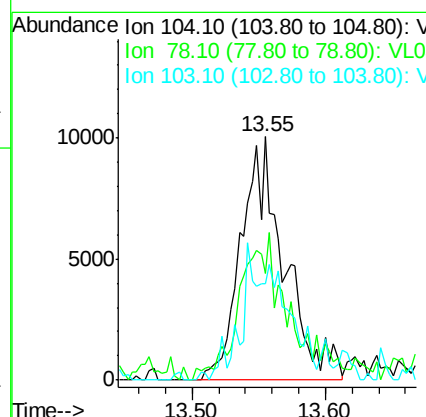
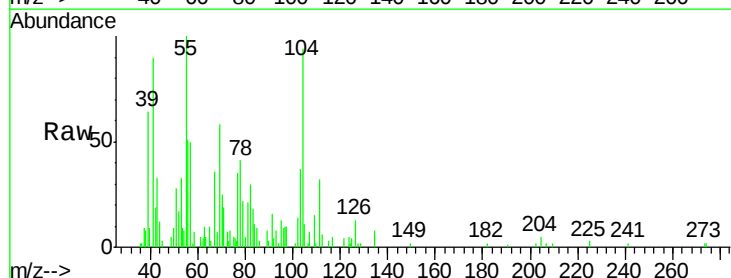
Manual Integrations
APPROVED

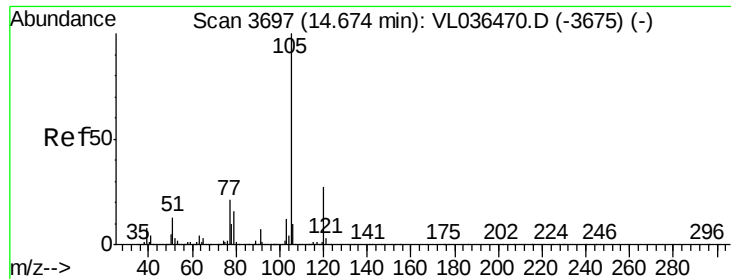
MMDadoda
4/2/2021 6:54:12 PM



#61
Styrene
Concen: 0.116 ppbv m
RT: 13.55 min Scan# 3349
Delta R.T. 0.02 min
Lab File: VL036620.D
Acq: 1 Apr 2021 3:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	72.2	43.8	65.8#
103	0.0	38.3	57.5#





#62

Isopropylbenzene

Concen: 0.116 ppbv m

RT: 14.69 min Scan# 3703

Delta R.T. 0.02 min

Lab File: VL036620.D

Acq: 1 Apr 2021 3:27

Instrument :

MSVOA_L

ClientSampleId :

PBS-OA-1

Tot Ion:105 Resp: 60332

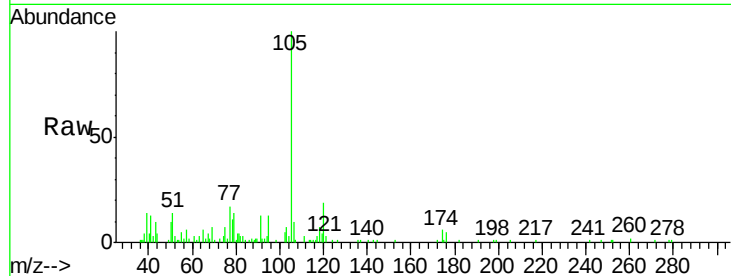
Ion Ratio Lower Upper

105 100

120 25.3 20.6 31.0

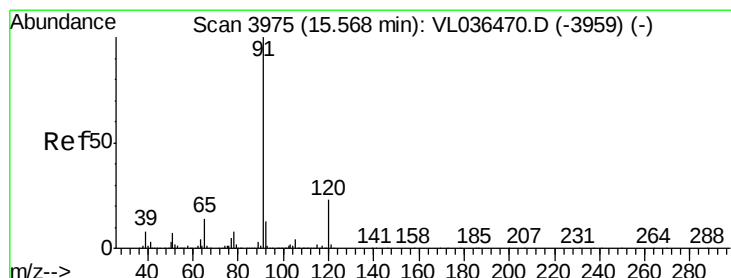
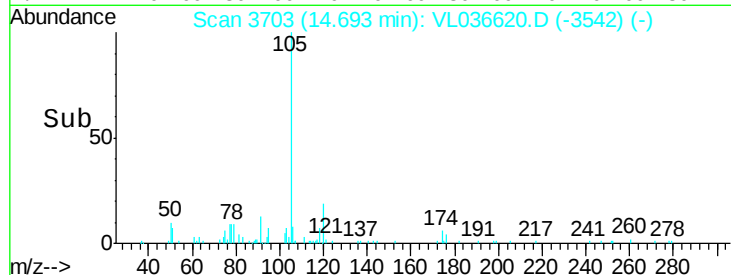
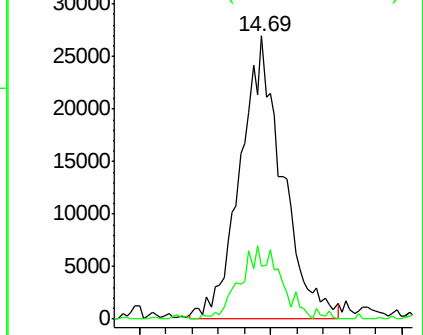
Manual Integrations
APPROVED

MMDadoda
4/2/2021 6:54:12 PM



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 0.282 ppbv m

RT: 15.60 min Scan# 3984

Delta R.T. 0.03 min

Lab File: VL036620.D

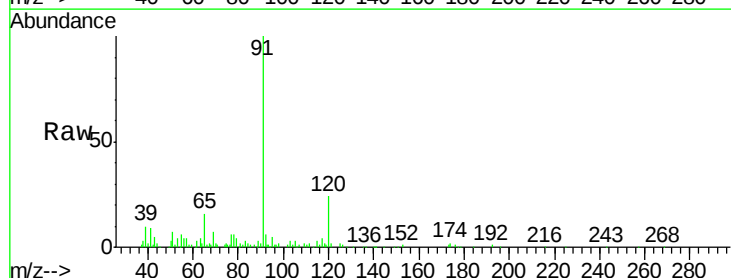
Acq: 1 Apr 2021 3:27

Tgt Ion:120 Resp: 35774

Ion Ratio Lower Upper

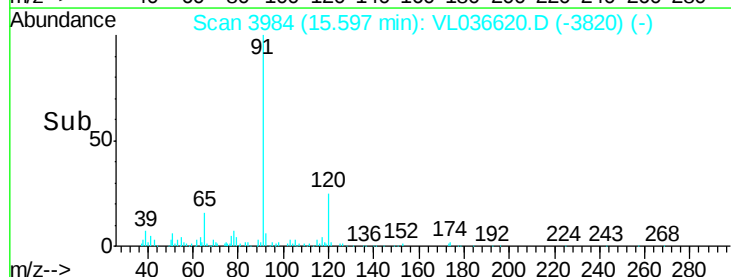
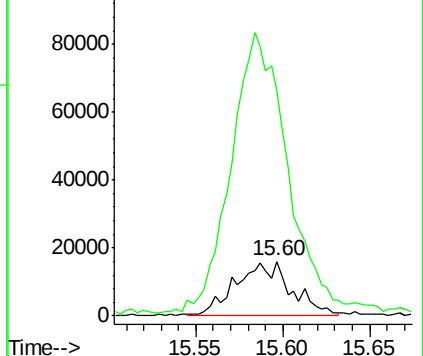
120 100

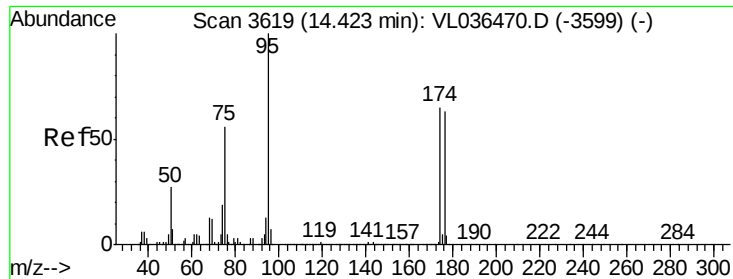
91 524.4 377.4 566.2



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





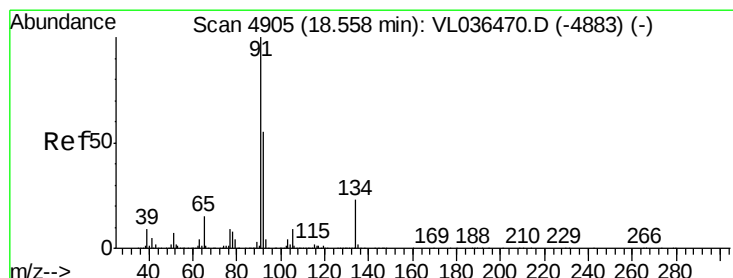
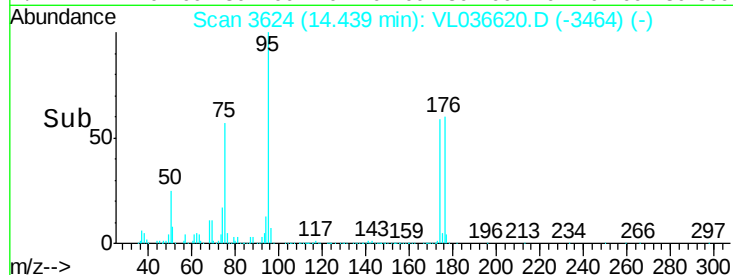
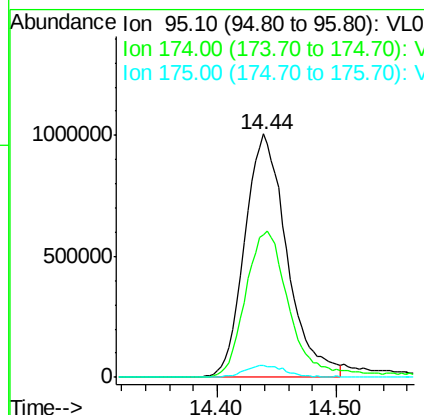
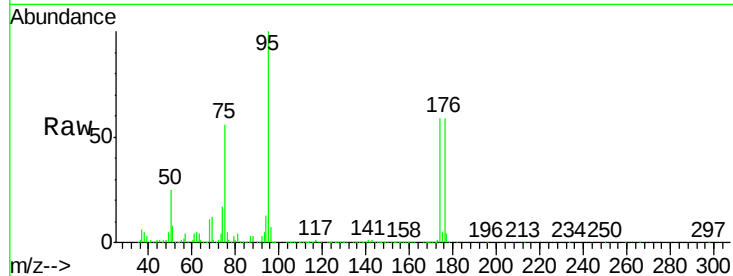
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.878 ppbv
 RT: 14.44 min Scan# 3624
 Delta R.T. 0.02 min
 Lab File: VL036620.D
 Acq: 1 Apr 2021 3:27

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-OA-1

Tot Ion: 95 Resp: 2476464
 Ion Ratio Lower Upper
 95 100
 174 64.8 51.0 76.6
 175 4.6 3.9 5.9

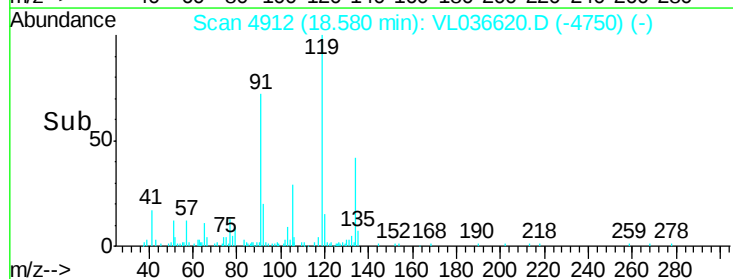
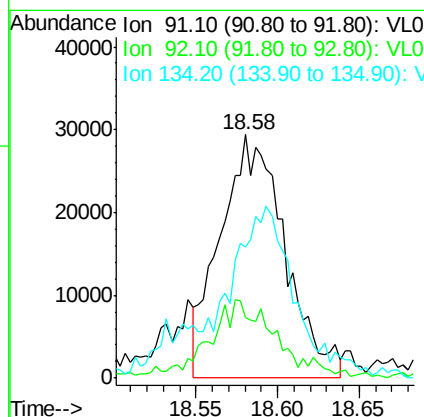
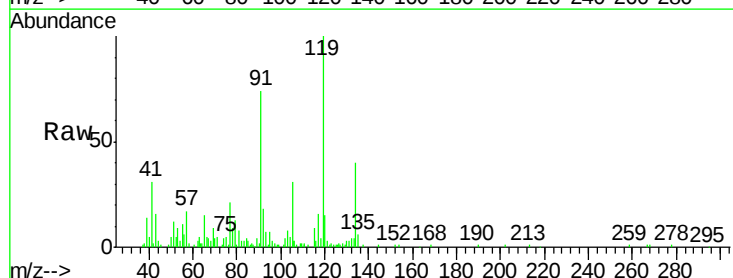
Manual Integrations
 APPROVED

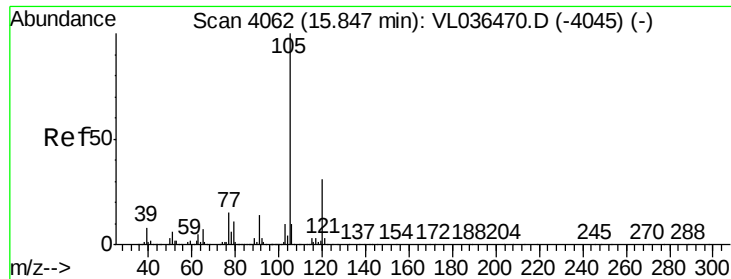
MMDadoda
 4/2/2021 6:54:12 PM



#70
 n-Butylbenzene
 Concen: 0.156 ppbv m
 RT: 18.58 min Scan# 4912
 Delta R.T. 0.02 min
 Lab File: VL036620.D
 Acq: 1 Apr 2021 3:27

Tgt Ion: 91 Resp: 80405
 Ion Ratio Lower Upper
 91 100
 92 32.1 43.8 65.8#
 134 0.0 18.0 27.0#





#72

4-Ethyltoluene

Concen: 0.609 ppbv m

RT: 15.87 min Scan# 4068

Delta R.T. 0.02 min

Lab File: VL036620.D

Acq: 1 Apr 2021 3:27

Instrument :

MSVOA_L

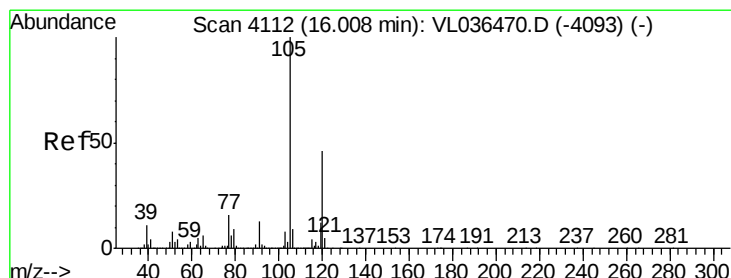
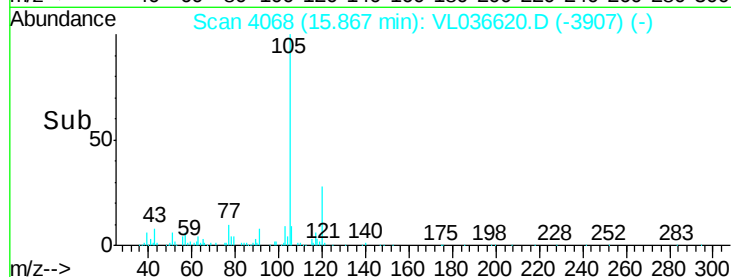
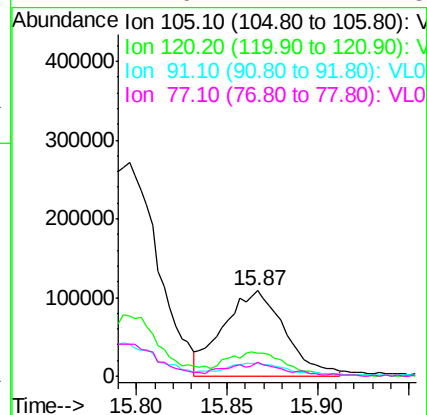
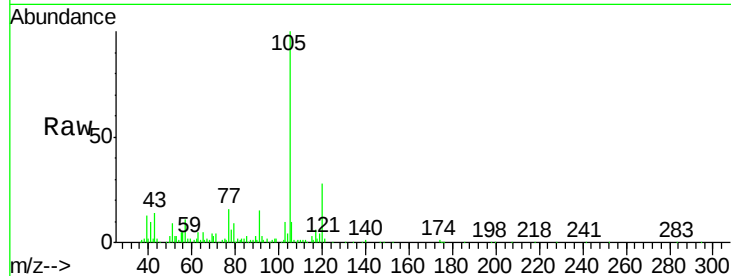
ClientSampleId :

PBS-OA-1

Tot Ion:	105	Resp:	257360
Ion Ratio		Lower	Upper
105	100		
120	28.1	24.0	36.0
91	14.5	11.0	16.4
77	14.6	11.7	17.5

Manual Integrations
APPROVED

MMDadoda
4/2/2021 6:54:12 PM



#73

1,3,5-Trimethylbenzene

Concen: 0.821 ppbv

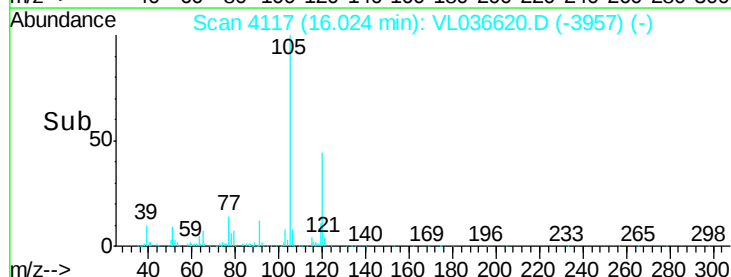
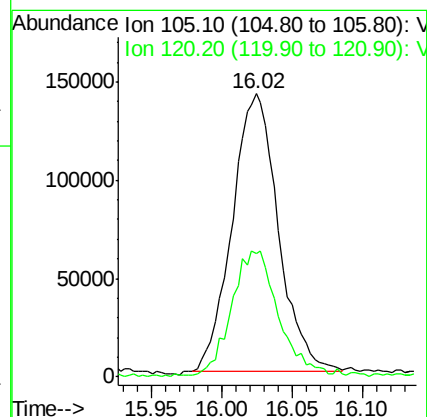
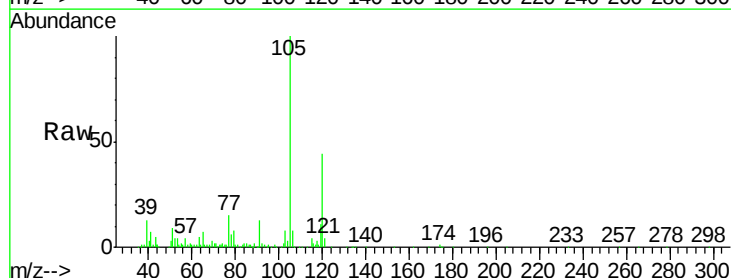
RT: 16.02 min Scan# 4117

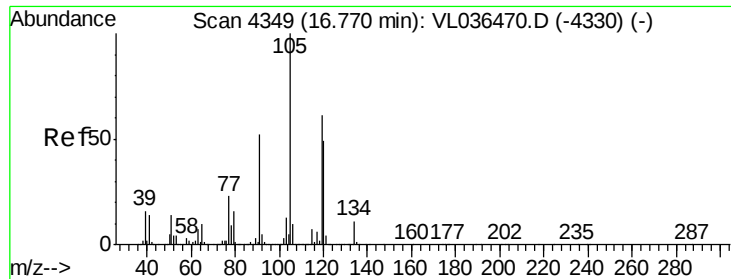
Delta R.T. 0.02 min

Lab File: VL036620.D

Acq: 1 Apr 2021 3:27

Tgt Ion:	105	Resp:	324215
Ion Ratio		Lower	Upper
105	100		
120	43.6	36.6	54.8





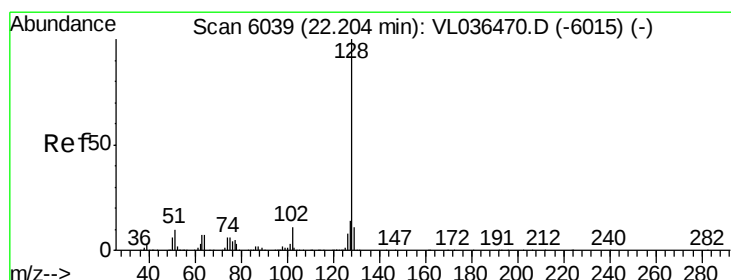
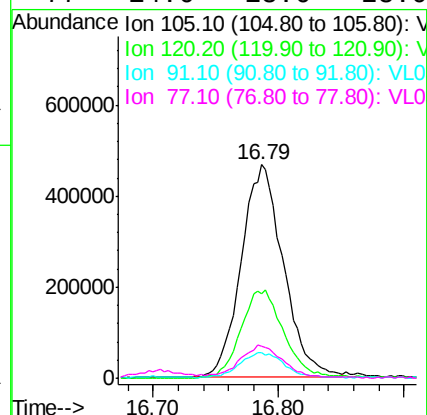
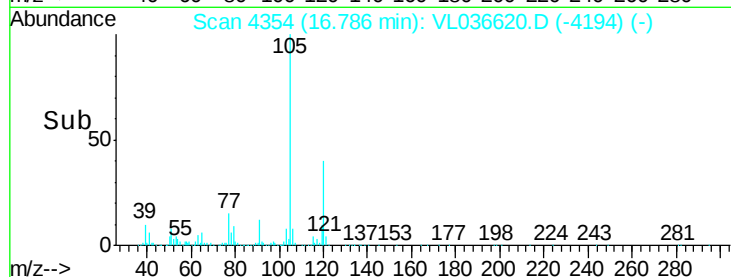
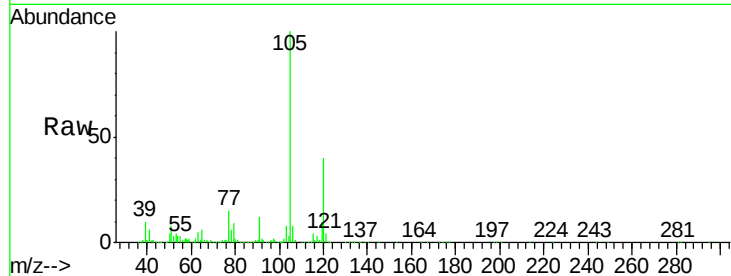
#74
 1,2,4-Trimethylbenzene
 Concen: 2.594 ppbv
 RT: 16.79 min Scan# 4354
 Delta R.T. 0.02 min
 Lab File: VL036620.D
 Acq: 1 Apr 2021 3:27

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-OA-1

Tot Ion	Ratio	Lower	Upper
105	100		
120	39.6	39.2	58.8
91	12.0	42.6	64.0#
77	14.6	18.6	28.0#

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 6:54:12 PM



#79
 Naphthalene
 Concen: 0.177 ppbv m
 RT: 22.24 min Scan# 6050
 Delta R.T. 0.04 min
 Lab File: VL036620.D
 Acq: 1 Apr 2021 3:27

Tgt Ion	Ratio	Lower	Upper
128	100		
127	18.2	10.9	16.3#
129	17.6	9.0	13.4#

