

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
 Data File : VL032937.D
 Acq On : 7 Dec 2018 16:33
 Operator : SY/AP
 Sample : J6262-02
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:08:59 AM

Quant Time: Dec 10 20:08:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

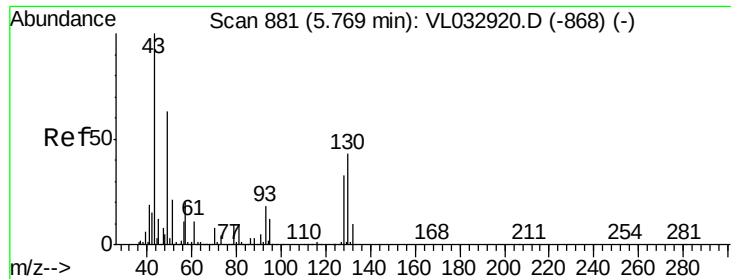
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1229728	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3256281	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3098625	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2472176	10.80	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.00%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	30244	0.184	ppbv	99
3) Chlorodifluoromethane	3.02	51	1457859	15.654	ppbv	98
4) Chloromethane	3.17	50	36505	0.673	ppbv	99
9) Propene	3.04	41	215142	5.842	ppbv	84
10) Heptane	8.25	43	80216	0.580	ppbv	91
11) Trichlorofluoromethane	4.01	101	50280	0.325	ppbv	96
13) Ethanol	3.68	45	8659400	682.954	ppbv	96
15) Acetone	3.90	43	5029194	47.647	ppbv	96
19) Isopropyl Alcohol	4.06	45	13228476	199.566	ppbv #	97
20) Methylene Chloride	4.42	84	98991	1.919	ppbv	91
25) Ethyl Acetate	5.76	43	8735545	35.035	ppbv #	87
27) Carbon Disulfide	4.63	76	18994	0.132	ppbv #	70
29) Chloroform	5.86	83	246945	1.202	ppbv	91
30) Cyclohexane	7.26	84	33632m	0.352	ppbv	
31) cis-1,2-Dichloroethene	5.65	61	78252	0.741	ppbv	95
34) 2-Butanone	5.34	43	267239	1.884	ppbv	98
35) Carbon Tetrachloride	7.15	117	22122m	0.086	ppbv	
36) Benzene	7.01	78	572139	2.389	ppbv	99
38) Trichloroethene	7.97	130	152597	1.531	ppbv	94
43) Methyl Methacrylate	8.15	69	24955m	0.281	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	250318	0.616	ppbv #	85
52) Tetrachloroethene	11.38	164	602632	6.917	ppbv	99
53) Toluene	9.95	91	1087790	4.282	ppbv	99
58) Ethyl Benzene	12.88	91	101833m	0.308	ppbv	
59) m/p-Xylene	13.13	91	318662m	1.063	ppbv	
60) o-Xylene	13.86	91	120600	0.398	ppbv	99
61) Styrene	13.70	104	61985	0.308	ppbv	96
69) p-Isopropyltoluene	17.82	119	275848	0.590	ppbv	96
72) 4-Ethyltoluene	16.00	105	59524	0.176	ppbv #	93
73) 1,3,5-Trimethylbenzene	16.16	105	72220	0.219	ppbv	87
74) 1,2,4-Trimethylbenzene	16.93	105	217960	0.585	ppbv #	66
76) 1,4-Dichlorobenzene	17.31	146	31583m	0.154	ppbv	
79) Naphthalene	22.43	128	29207m	0.121	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. 0.00 min

Lab File: VL032937.D

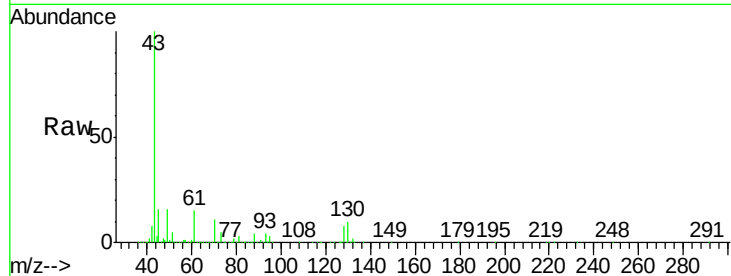
Acq: 7 Dec 2018 16:33

Instrument :

MSVOA_L

ClientSampled :

IA2



Tgt Ion: 49 Resp: 1229728

Ion Ratio Lower Upper

49 100

128 51.4 26.3 78.8

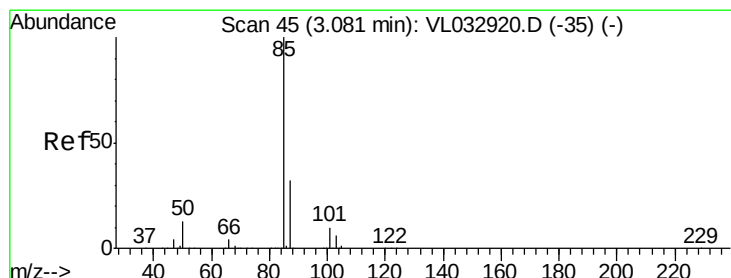
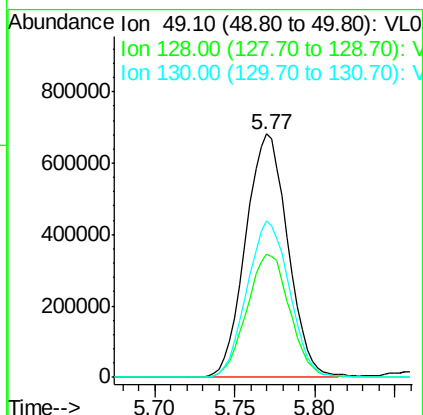
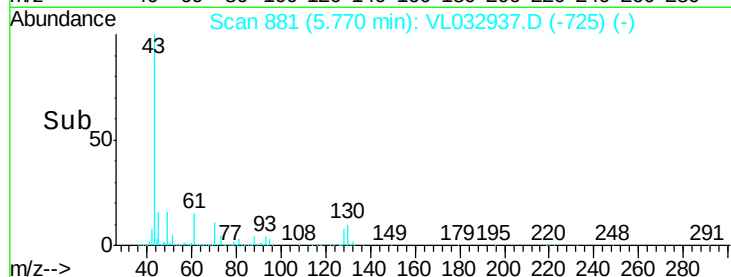
130 65.2 33.9 101.7

Manual Integrations

APPROVED

MMDadoda

12/11/2018 10:08:59 AM



#2

Dichlorodifluoromethane

Concen: 0.184 ppbv

RT: 3.08 min Scan# 45

Delta R.T. 0.00 min

Lab File: VL032937.D

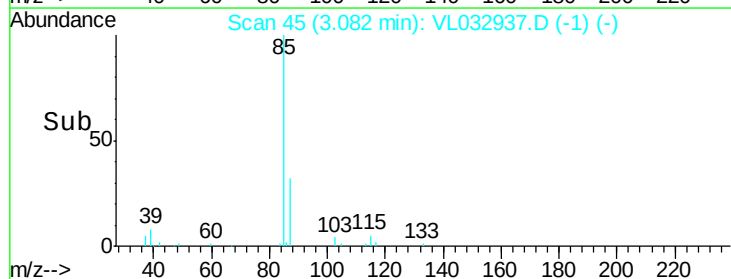
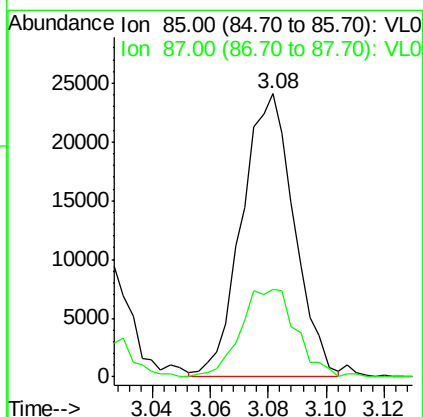
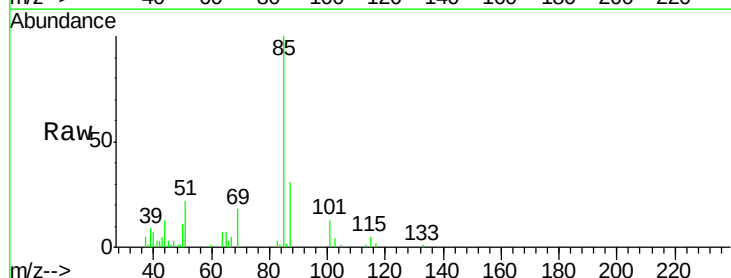
Acq: 7 Dec 2018 16:33

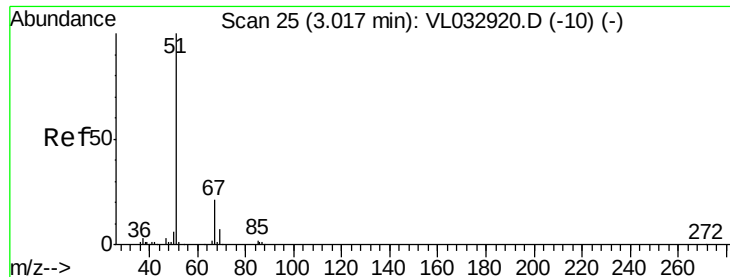
Tgt Ion: 85 Resp: 30244

Ion Ratio Lower Upper

85 100

87 31.5 25.7 38.5





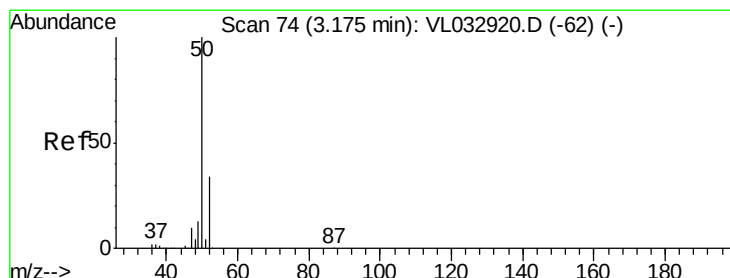
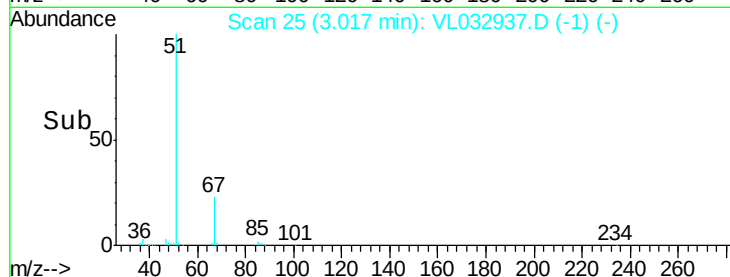
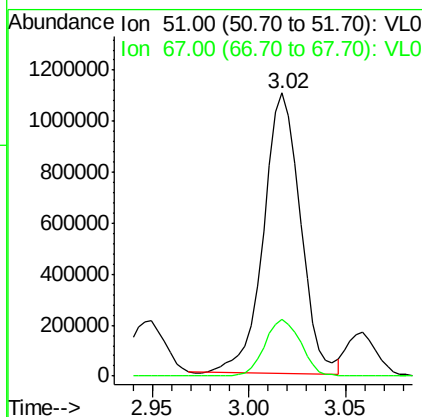
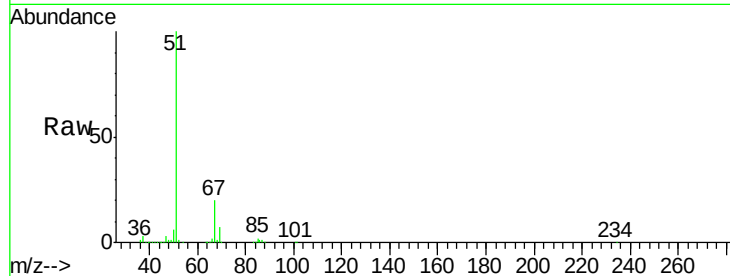
#3
Chlorodifluoromethane
Concen: 15.654 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 51 Resp: 1457859
Ion Ratio Lower Upper
51 100
67 19.9 16.8 25.2

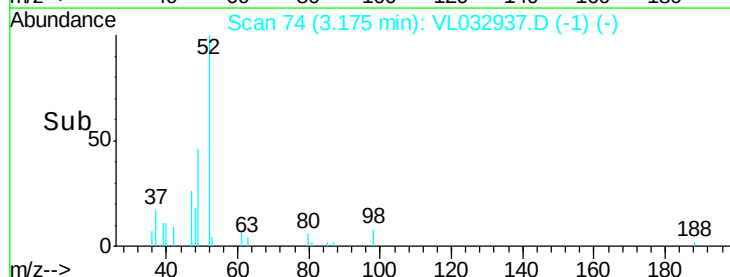
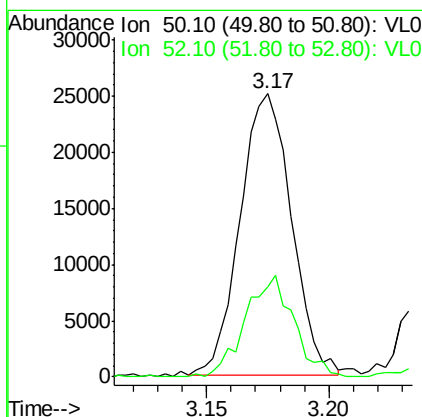
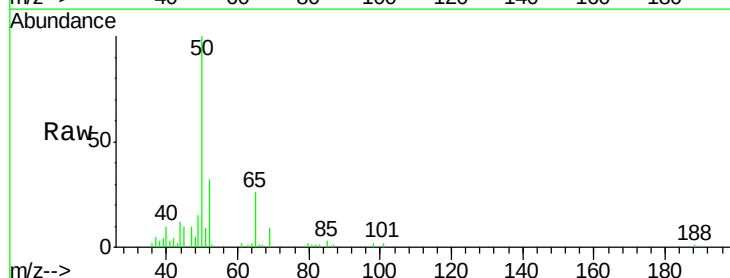
Manual Integrations
APPROVED

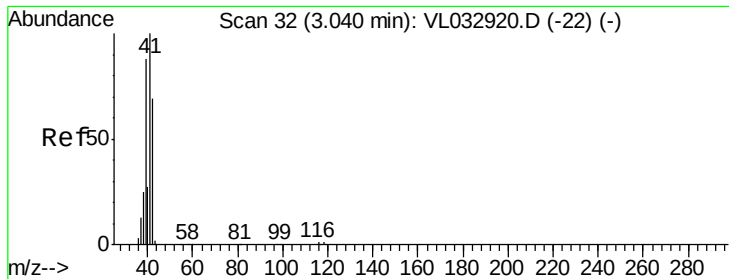
MMDadoda
12/11/2018 10:08:59 AM



#4
Chloromethane
Concen: 0.673 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 50 Resp: 36505
Ion Ratio Lower Upper
50 100
52 33.3 27.3 40.9





#9

Propene

Concen: 5.842 ppbv

RT: 3.04 min Scan# 33

Delta R.T. 0.00 min

Lab File: VL032937.D

Acq: 7 Dec 2018 16:33

Instrument :

MSVOA_L

ClientSampled :

IA2

Tgt Ion: 41 Resp: 215142

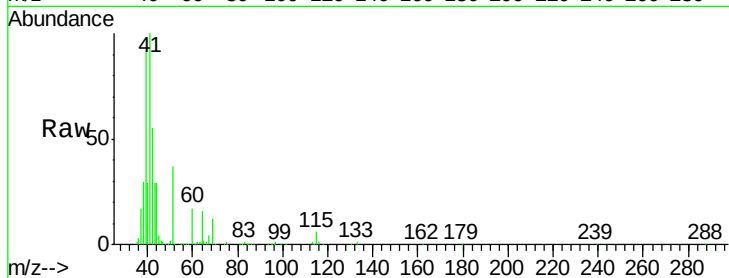
Ion Ratio Lower Upper

41 100

42 57.1 56.2 84.2

Manual Integrations
APPROVED

MMDadoda
12/11/2018 10:08:59 AM



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.04

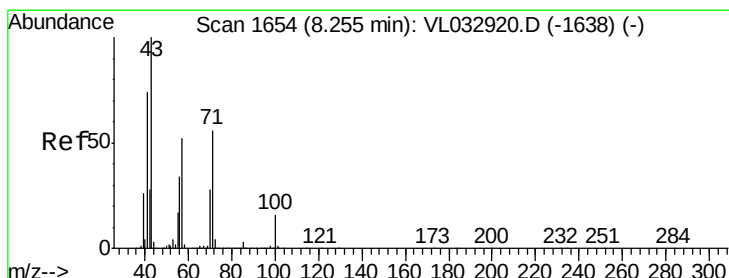
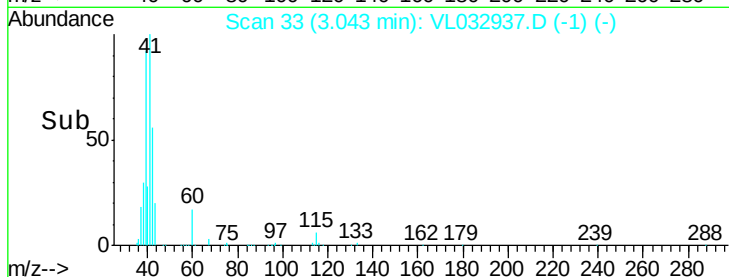
150000

100000

50000

0

Time-->



#10

Heptane

Concen: 0.580 ppbv

RT: 8.25 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VL032937.D

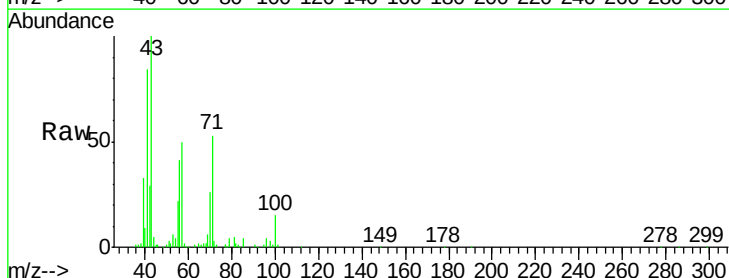
Acq: 7 Dec 2018 16:33

Tgt Ion: 43 Resp: 80216

Ion Ratio Lower Upper

43 100

57 58.4 41.8 62.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.25

50000

40000

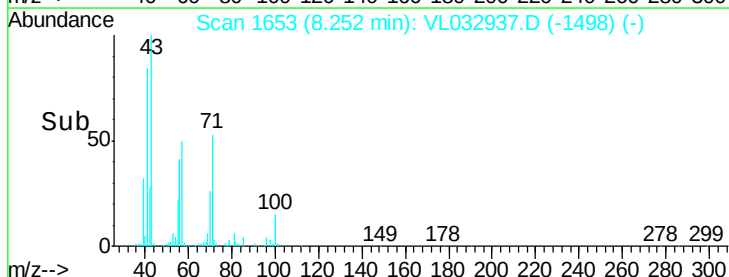
30000

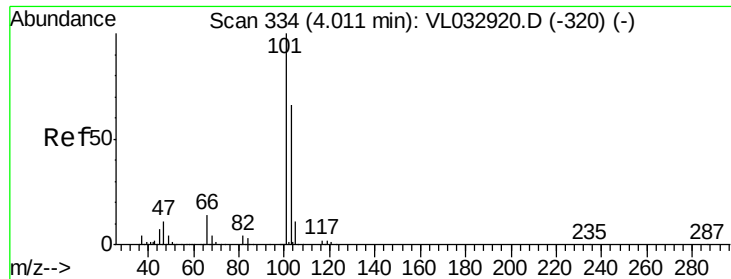
20000

10000

0

Time-->





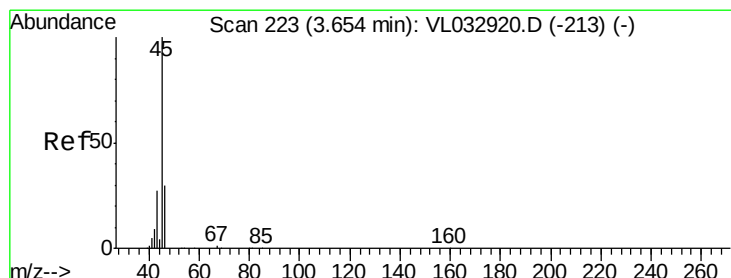
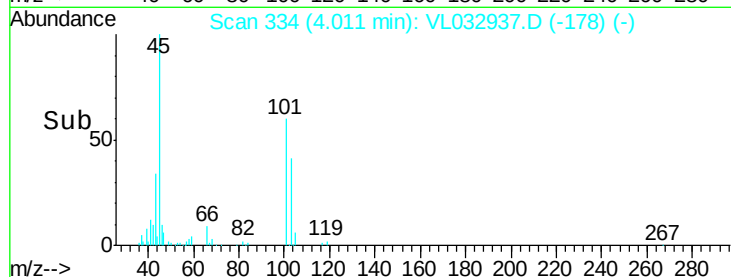
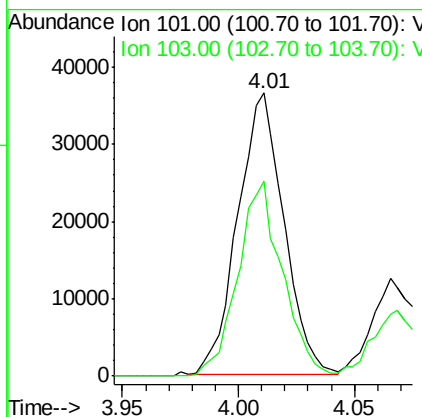
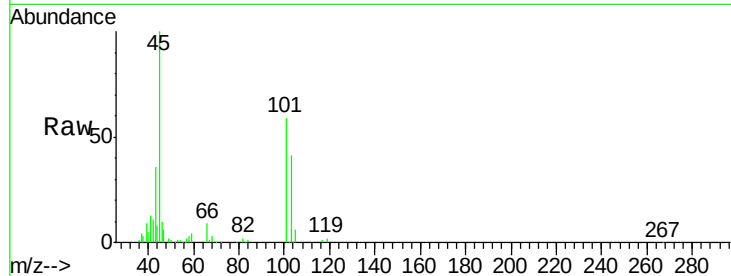
#11
 Trichlorofluoromethane
 Concen: 0.325 ppbv
 RT: 4.01 min Scan# 334
 Delta R.T. 0.00 min
 Lab File: VL032937.D
 Acq: 7 Dec 2018 16:33

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Tgt Ion:101 Resp: 50280
 Ion Ratio Lower Upper
 101 100
 103 69.4 52.7 79.1

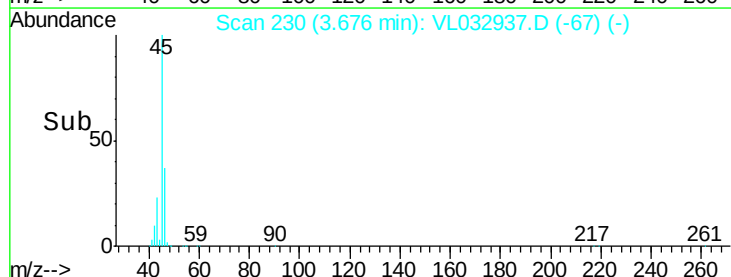
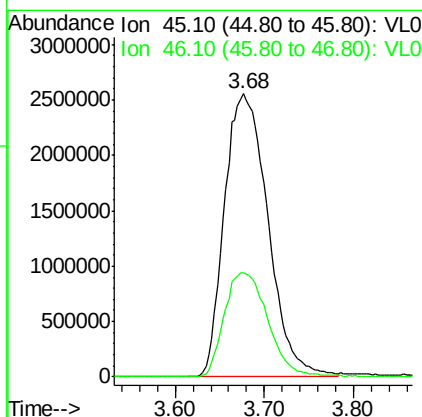
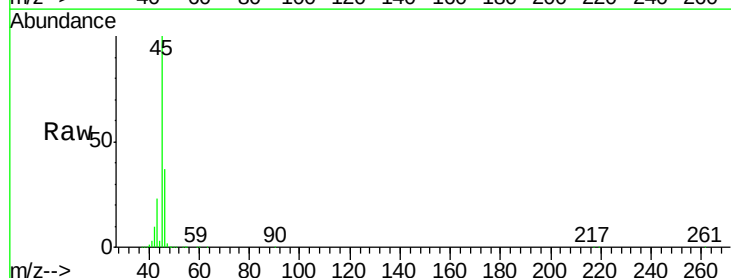
Manual Integrations
 APPROVED

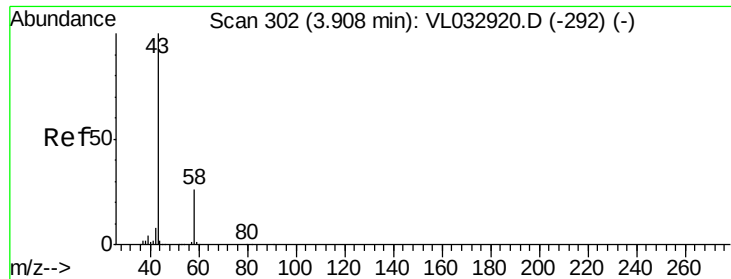
MMDadoda
 12/11/2018 10:08:59 AM



#13
 Ethanol
 Concen: 682.954 ppbv
 RT: 3.68 min Scan# 230
 Delta R.T. 0.02 min
 Lab File: VL032937.D
 Acq: 7 Dec 2018 16:33

Tgt Ion: 45 Resp: 8659400
 Ion Ratio Lower Upper
 45 100
 46 37.1 13.8 55.4





#15

Acetone

Concen: 47.647 ppbv

RT: 3.90 min Scan# 299

Delta R.T. -0.01 min

Lab File: VL032937.D

Acq: 7 Dec 2018 16:33

Instrument :

MSVOA_L

ClientSampleId :

IA2

Tgt Ion: 43 Resp: 5029194

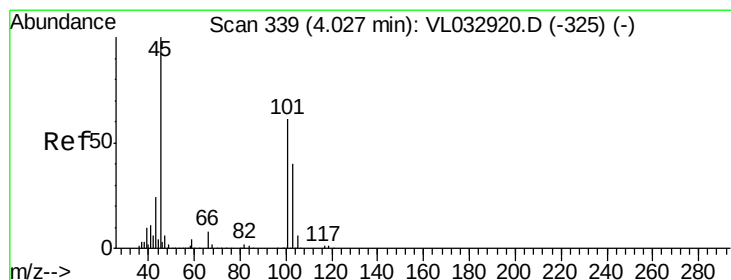
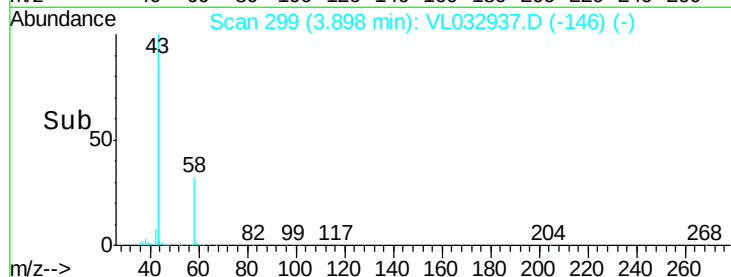
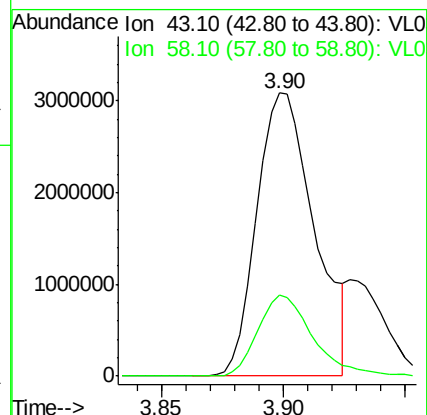
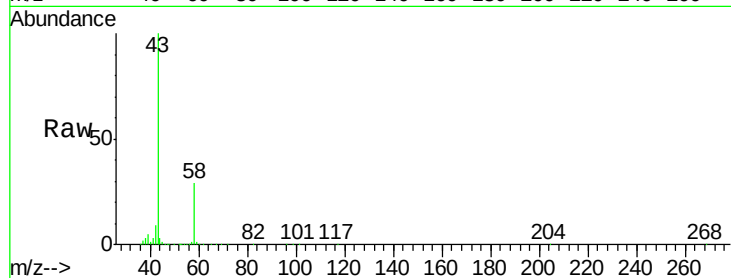
Ion Ratio Lower Upper

43 100

58 27.8 20.6 30.8

Manual Integrations
APPROVED

MMDadoda
12/11/2018 10:08:59 AM



#19

Isopropyl Alcohol

Concen: 199.566 ppbv

RT: 4.06 min Scan# 348

Delta R.T. 0.03 min

Lab File: VL032937.D

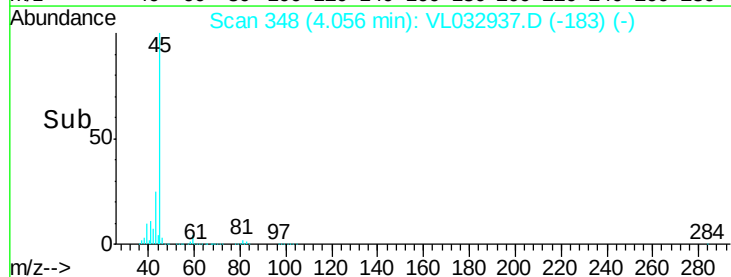
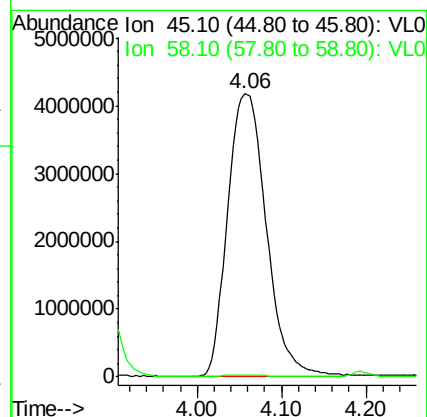
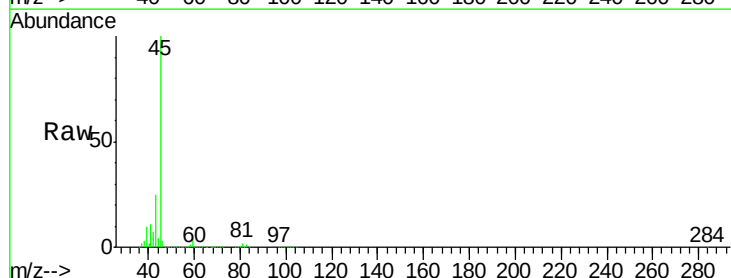
Acq: 7 Dec 2018 16:33

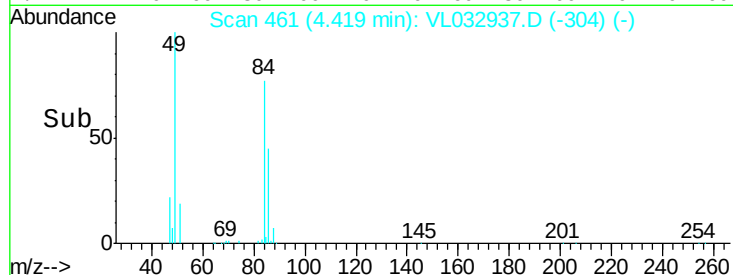
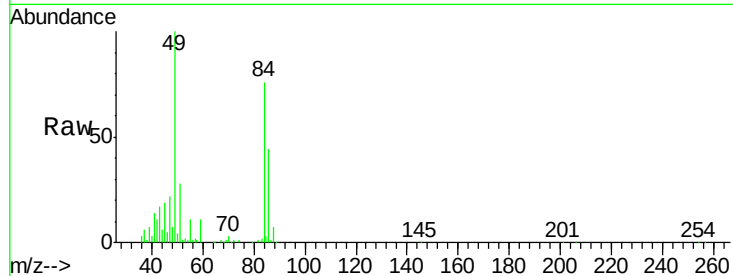
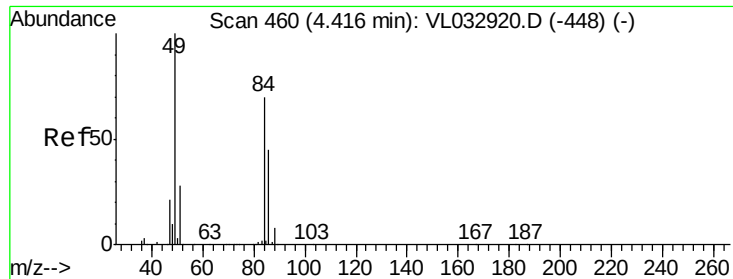
Tgt Ion: 45 Resp: 13228476

Ion Ratio Lower Upper

45 100

58 0.9 1.4 2.2#





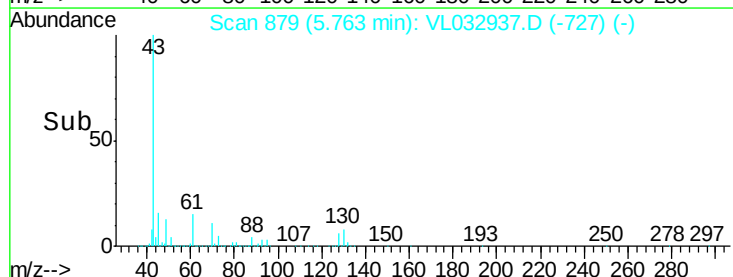
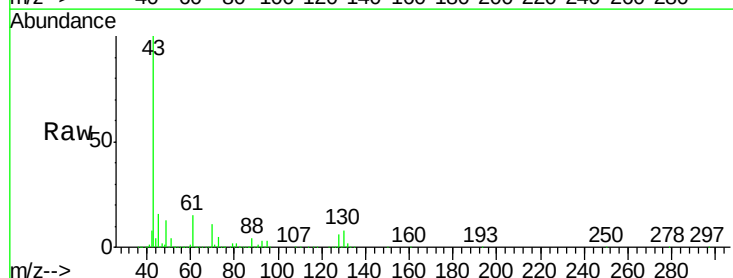
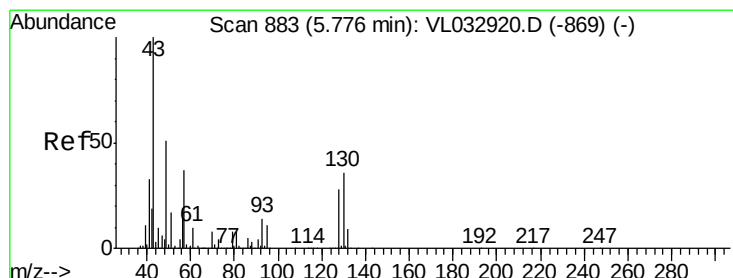
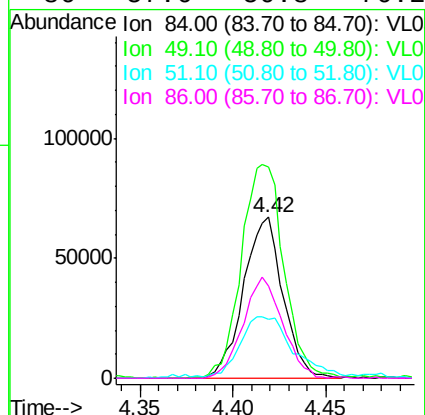
#20
Methylene Chloride
Concen: 1.919 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.1	113.8	170.8
51	35.3	31.8	47.8
86	57.6	50.8	76.2

Instrument :
MSVOA_L
ClientSampled :
IA2

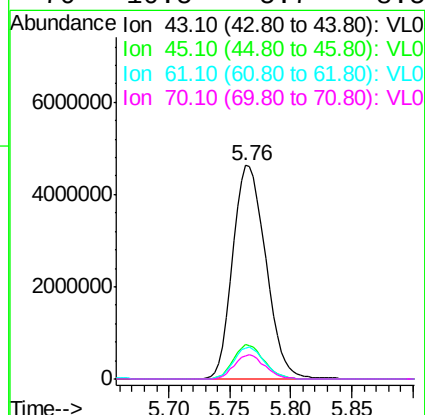
Manual Integrations
APPROVED

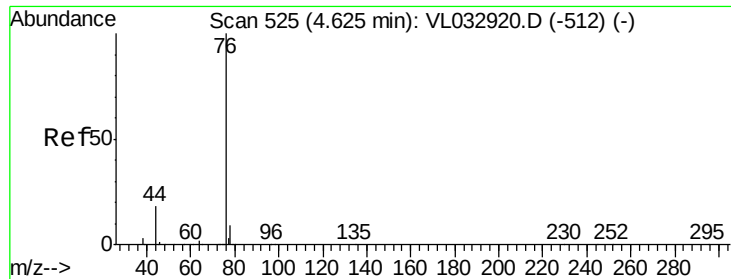
MMDadoda
12/11/2018 10:08:59 AM



#25
Ethyl Acetate
Concen: 35.035 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.01 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion	Ratio	Lower	Upper
43	100		
45	14.9	7.8	11.6#
61	13.9	7.4	11.2#
70	10.5	5.7	8.5#





#27

Carbon Disulfide

Concen: 0.132 ppbv

RT: 4.63 min Scan# 526

Delta R.T. 0.00 min

Lab File: VL032937.D

Acq: 7 Dec 2018 16:33

Instrument :

MSVOA_L

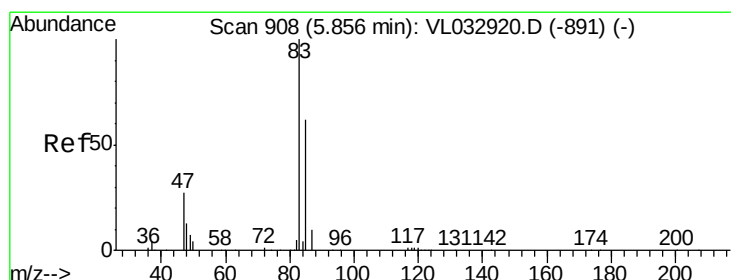
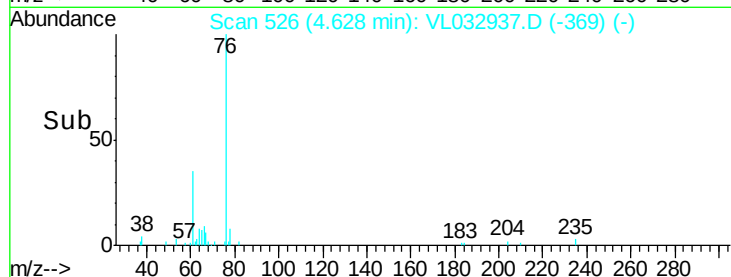
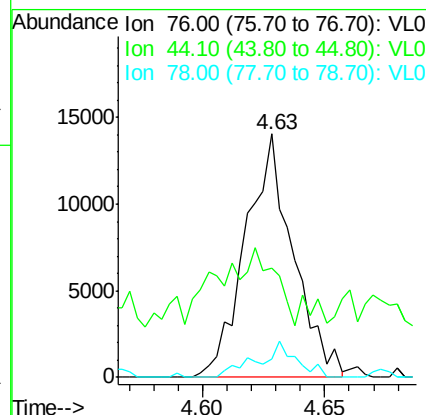
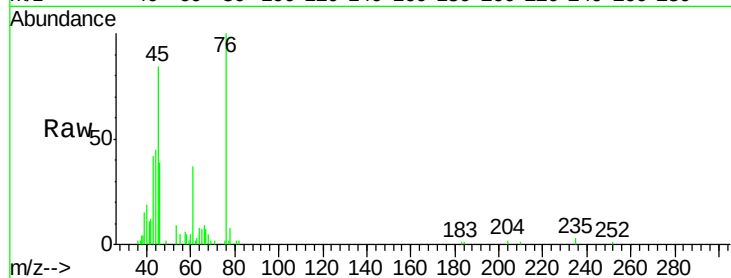
ClientSampleId :

IA2

Tgt Ion:	76	Resp:	18994
Ion Ratio	Lower	Upper	
76	100		
44	0.0	14.7	22.1#
78	12.1	7.4	11.2#

Manual Integrations
APPROVED

MMDadoda
12/11/2018 10:08:59 AM



#29

Chloroform

Concen: 1.202 ppbv

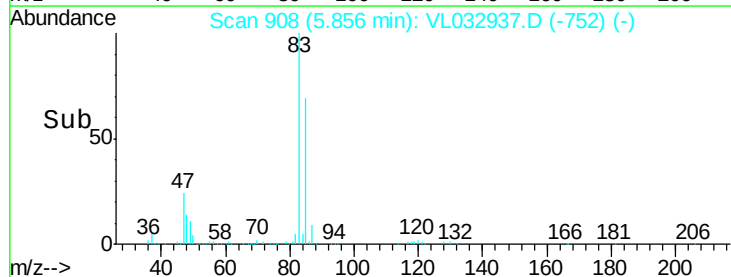
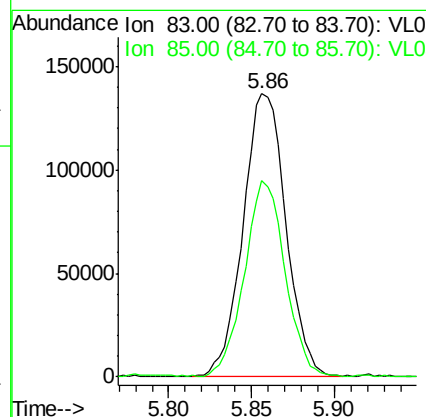
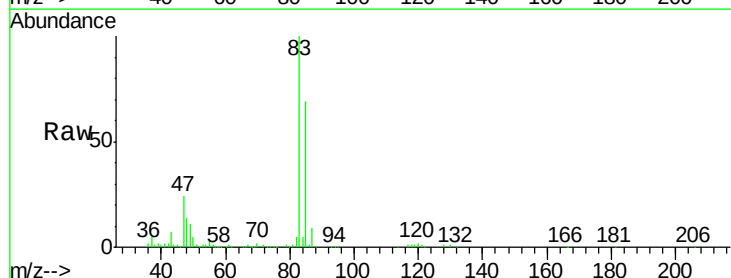
RT: 5.86 min Scan# 908

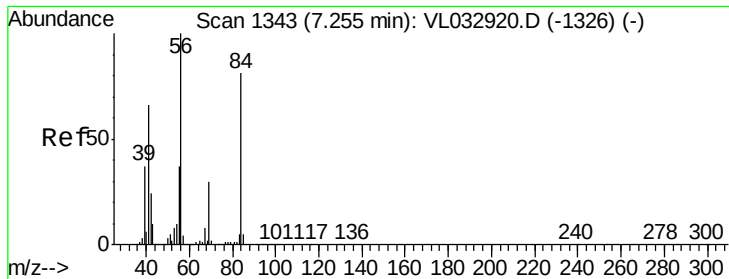
Delta R.T. 0.00 min

Lab File: VL032937.D

Acq: 7 Dec 2018 16:33

Tgt Ion:	83	Resp:	246945
Ion Ratio	Lower	Upper	
83	100		
85	69.0	49.8	74.8





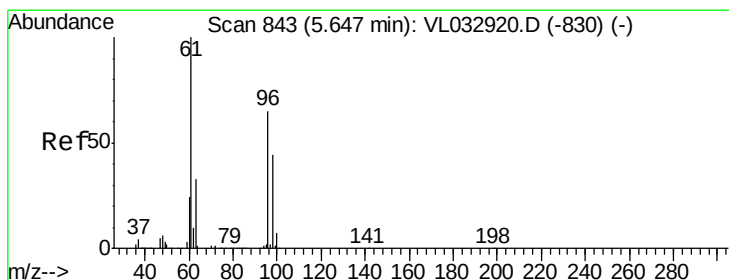
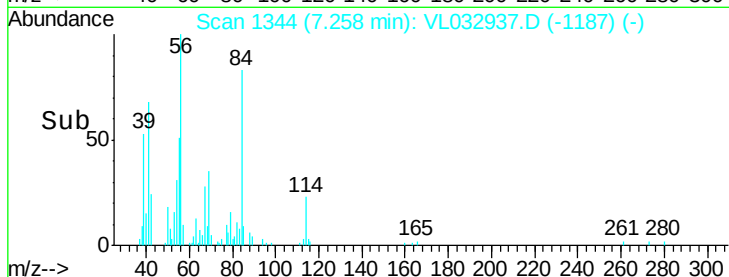
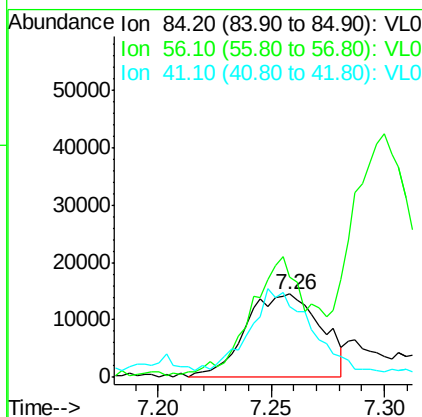
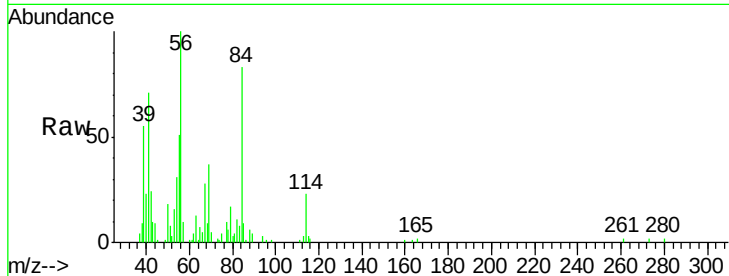
#30
Cyclohexane
Concen: 0.352 ppbv m
RT: 7.26 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampled :
IA2

Tgt Ion	Ratio	Lower	Upper
84	100		
56	110.5	102.5	153.7
41	0.0	64.1	96.1#

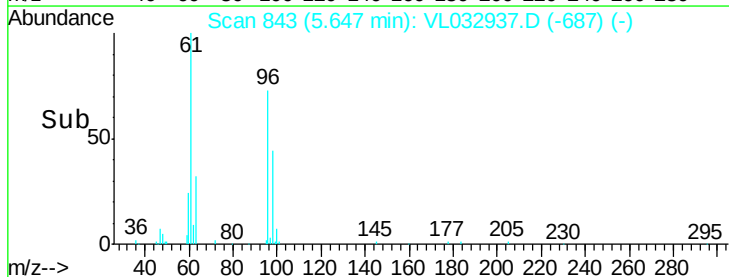
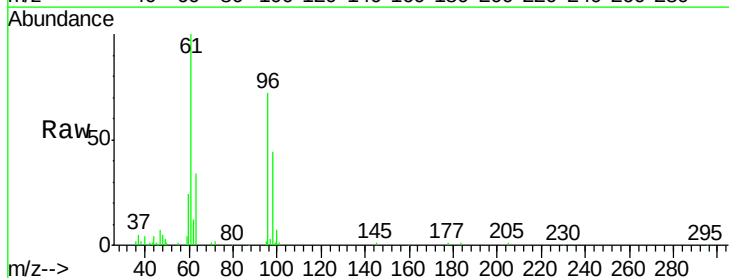
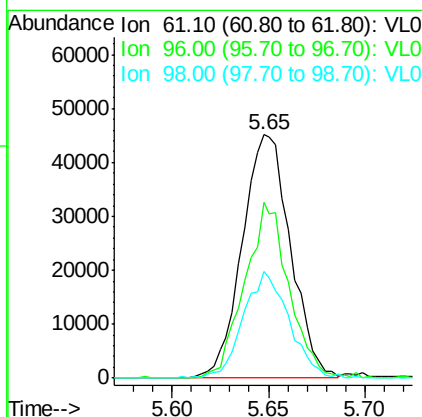
Manual Integrations
APPROVED

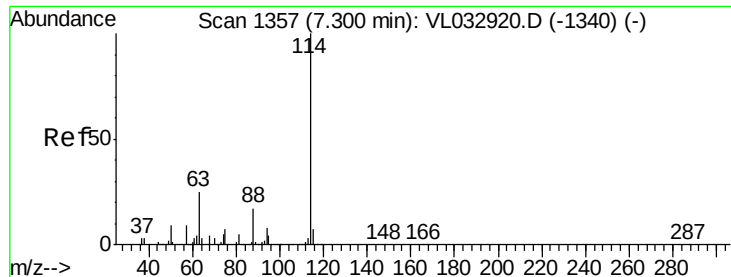
MMDadoda
12/11/2018 10:08:59 AM



#31
cis-1,2-Dichloroethene
Concen: 0.741 ppbv
RT: 5.65 min Scan# 843
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion	Ratio	Lower	Upper
61	100		
96	72.0	51.9	77.9
98	43.6	35.0	52.4





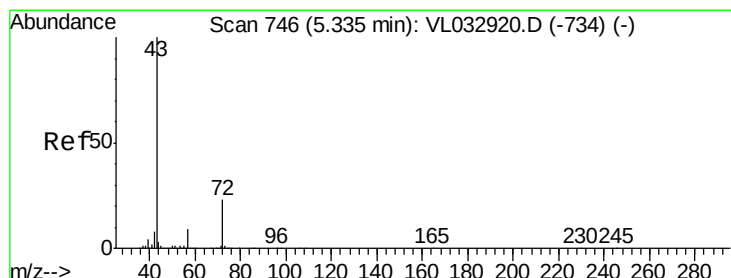
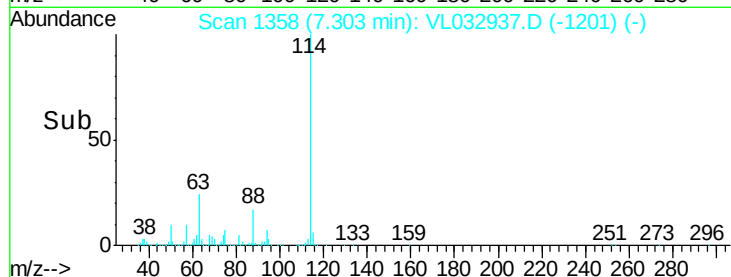
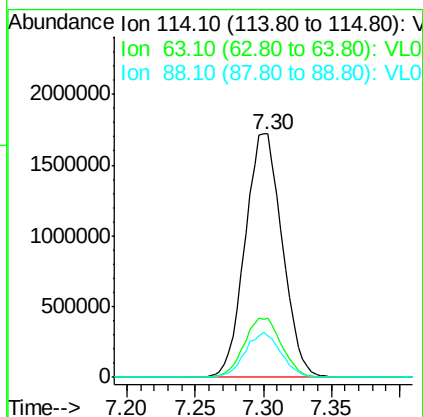
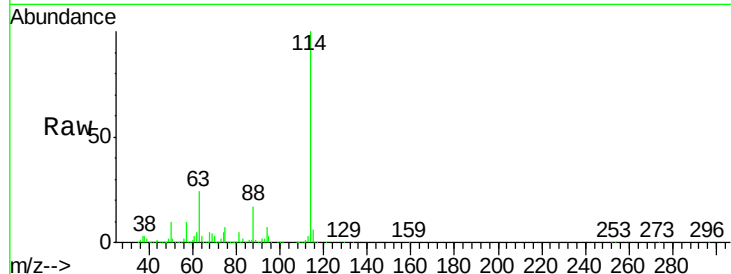
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: VL032937.D
 Acq: 7 Dec 2018 16:33

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Tgt Ion: 114 Resp: 3256281
 Ion Ratio Lower Upper
 114 100
 63 24.7 20.1 30.1
 88 17.8 14.2 21.4

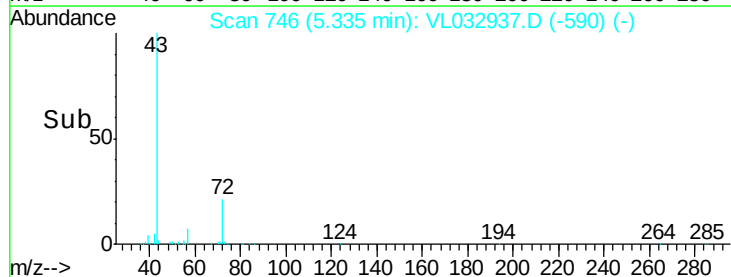
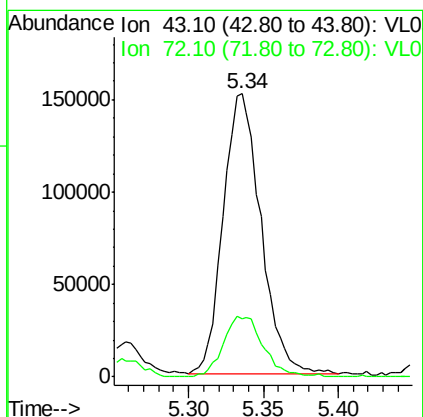
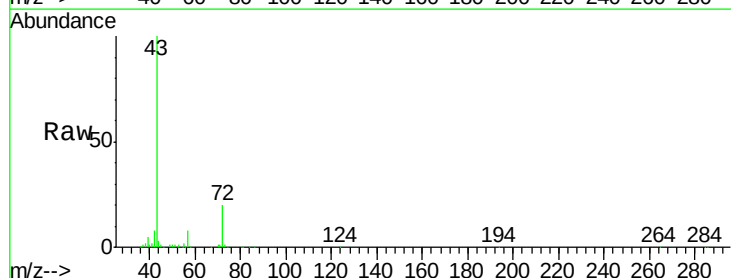
Manual Integrations
 APPROVED

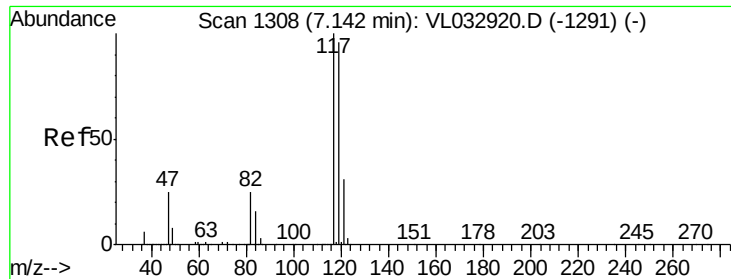
MMDadoda
 12/11/2018 10:08:59 AM



#34
 2-Butanone
 Concen: 1.884 ppbv
 RT: 5.34 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VL032937.D
 Acq: 7 Dec 2018 16:33

Tgt Ion: 43 Resp: 267239
 Ion Ratio Lower Upper
 43 100
 72 22.4 18.8 28.2





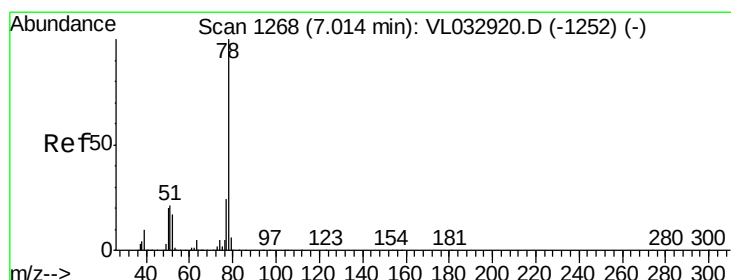
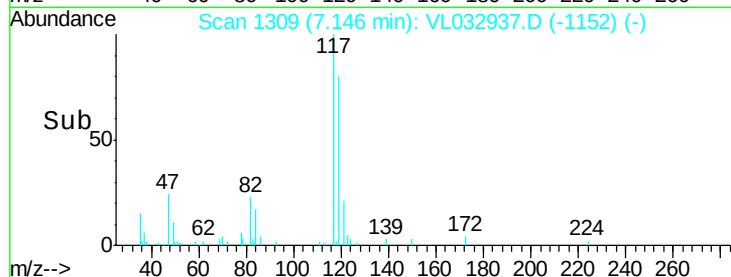
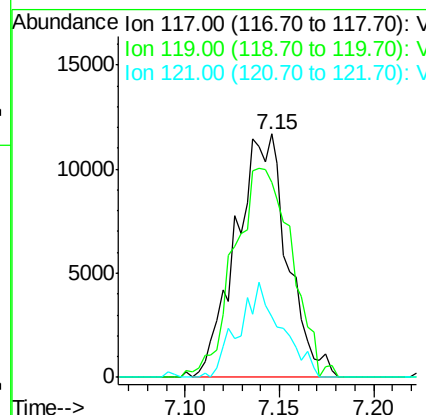
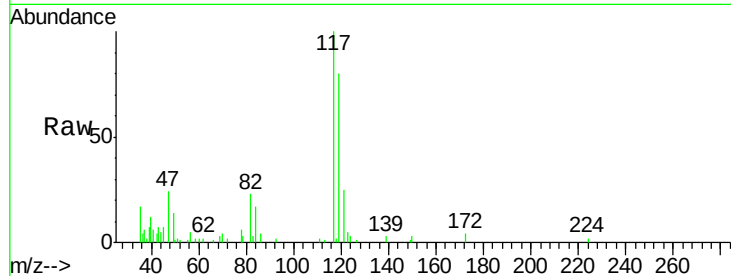
#35
Carbon Tetrachloride
Concen: 0.086 ppbv m
RT: 7.15 min Scan# 1309
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampled :
IA2

Tgt Ion	Ratio	Lower	Upper
117	100		
119	80.1	76.5	114.7
121	24.7	24.5	36.7

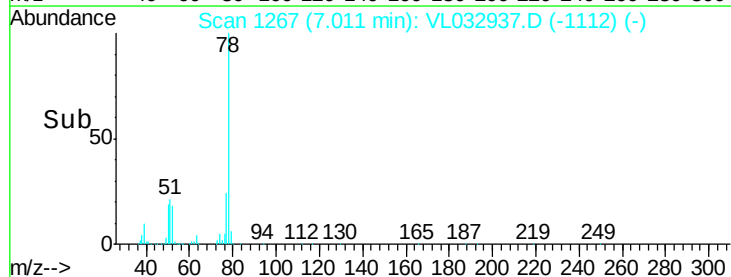
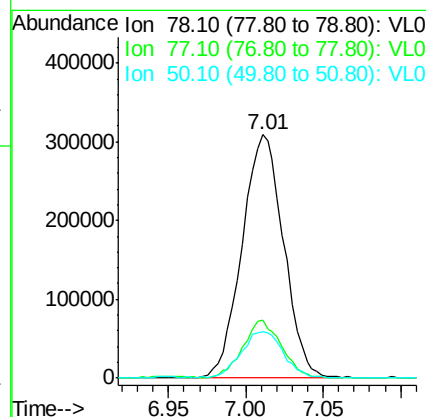
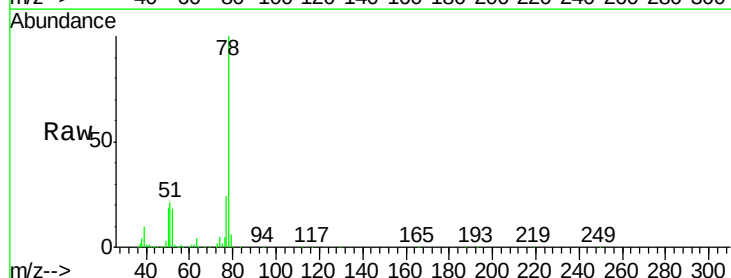
Manual Integrations
APPROVED

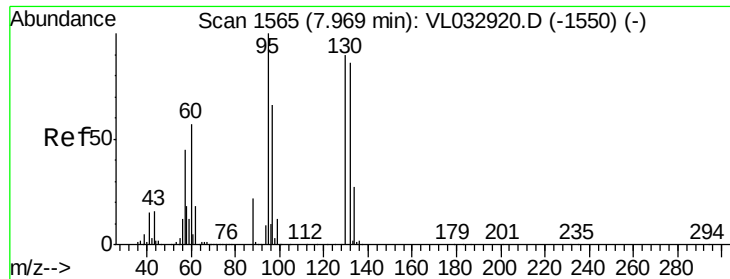
MMDadoda
12/11/2018 10:08:59 AM



#36
Benzene
Concen: 2.389 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3
50	19.0	16.1	24.1





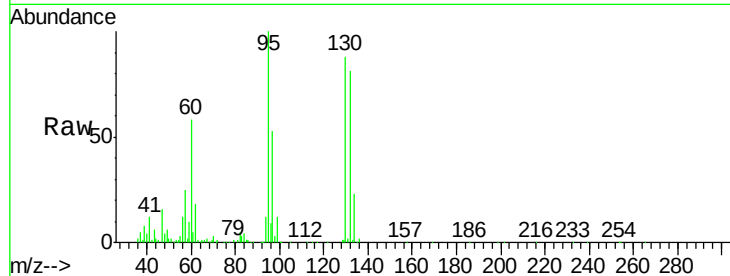
#38
 Trichloroethene
 Concen: 1.531 ppbv
 RT: 7.97 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VL032937.D
 Acq: 7 Dec 2018 16:33

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	152597		
95	110.3	88.6	132.8	
132	90.7	76.1	114.1	
97	59.0	58.0	87.0	

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:08:59 AM

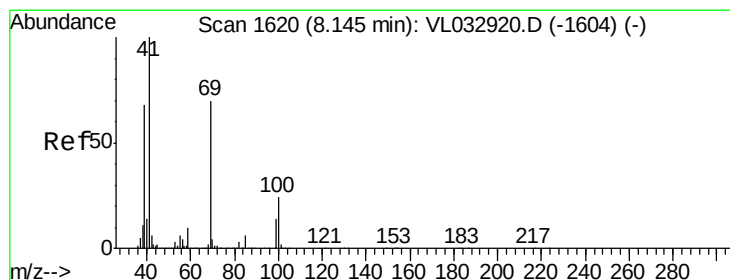
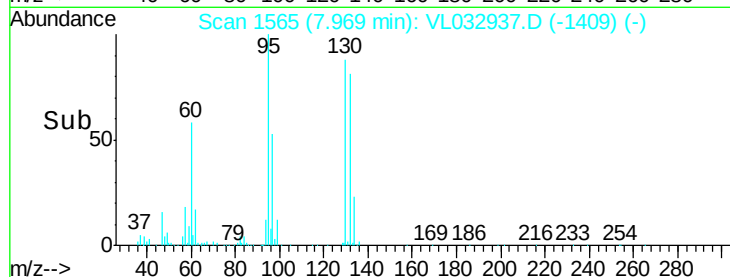
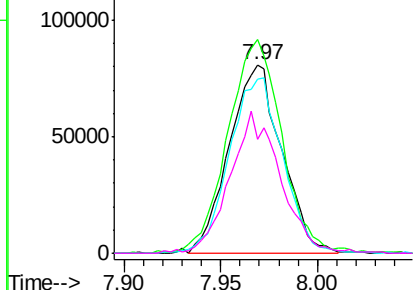


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

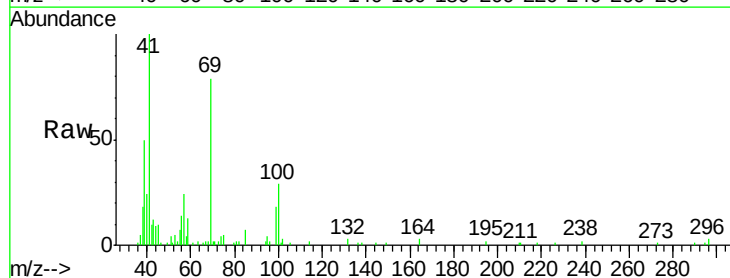
Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#43
 Methyl Methacrylate
 Concen: 0.281 ppbv m
 RT: 8.15 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: VL032937.D
 Acq: 7 Dec 2018 16:33

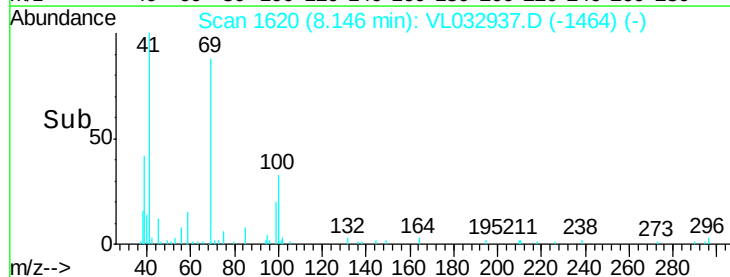
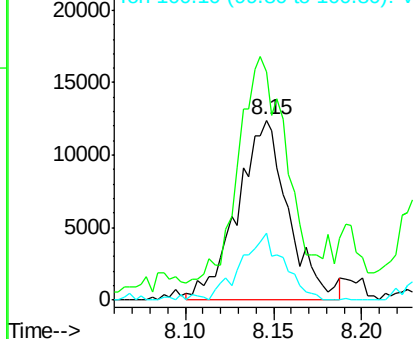
Tgt Ion	Ratio	Resp	Lower	Upper
69	100	24955		
41	0.0	116.6	175.0#	
100	0.0	26.5	39.7#	

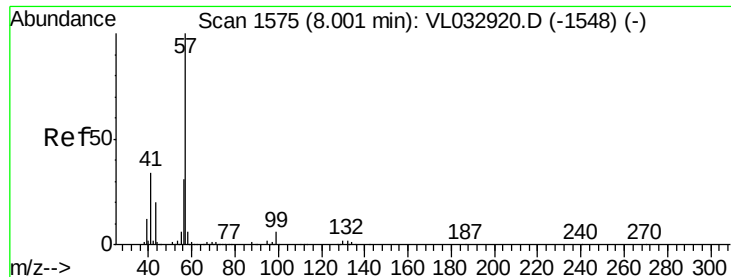


Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0





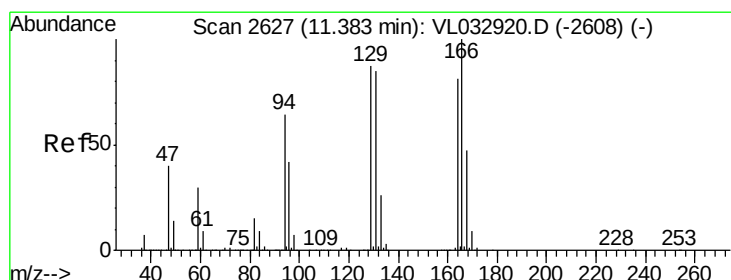
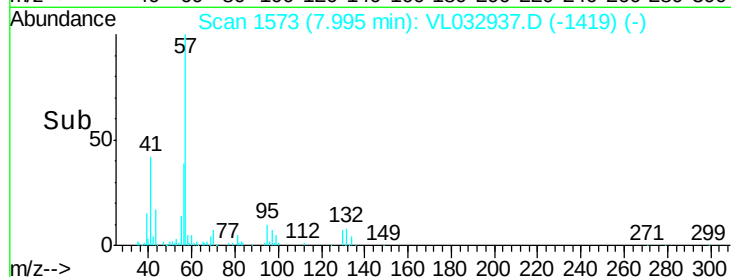
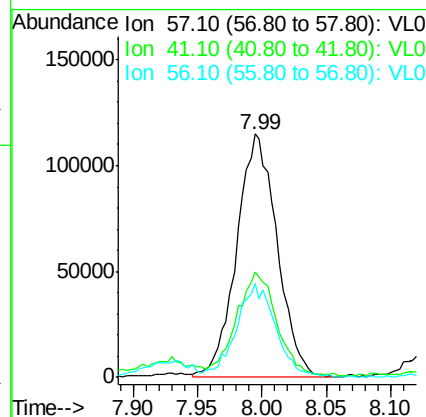
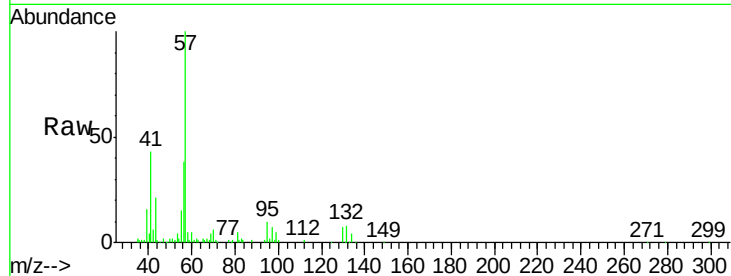
#44
2,2,4-Trimethylpentane
Concen: 0.616 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion	Ratio	Lower	Upper
57	100		
41	43.8	27.0	40.4#
56	36.9	24.6	37.0

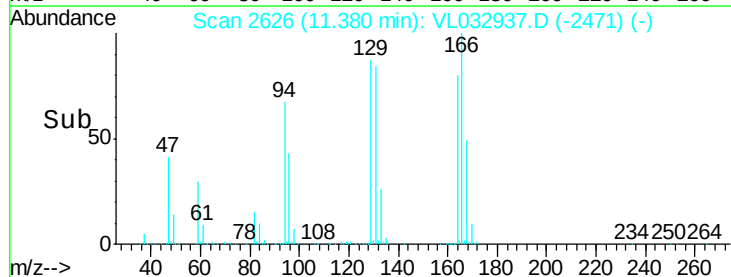
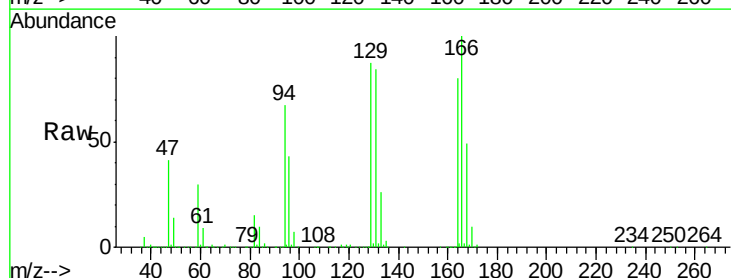
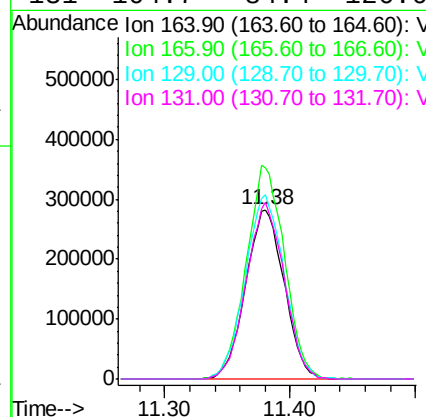
Manual Integrations
APPROVED

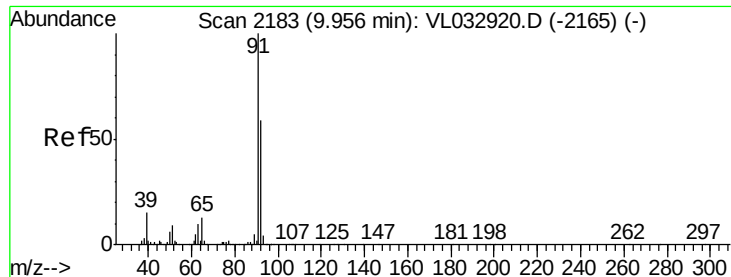
MMDadoda
12/11/2018 10:08:59 AM



#52
Tetrachloroethene
Concen: 6.917 ppbv
RT: 11.38 min Scan# 2626
Delta R.T. -0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	98.8	148.2
129	108.9	85.5	128.3
131	104.7	84.4	126.6





#53

Toluene

Concen: 4.282 ppbv

RT: 9.95 min Scan# 2182

Delta R.T. -0.00 min

Lab File: VL032937.D

Acq: 7 Dec 2018 16:33

Instrument :

MSVOA_L

ClientSampleId :

IA2

Tgt Ion: 91 Resp: 1087790

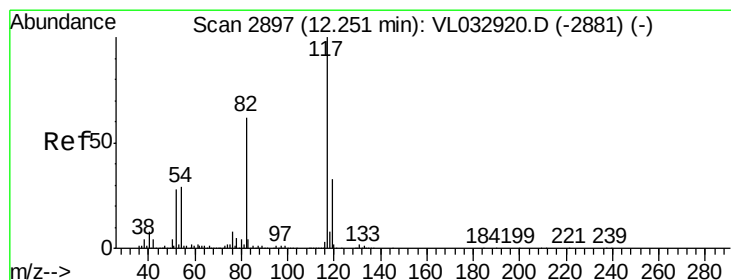
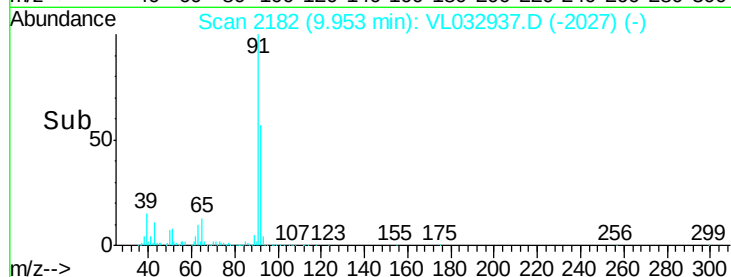
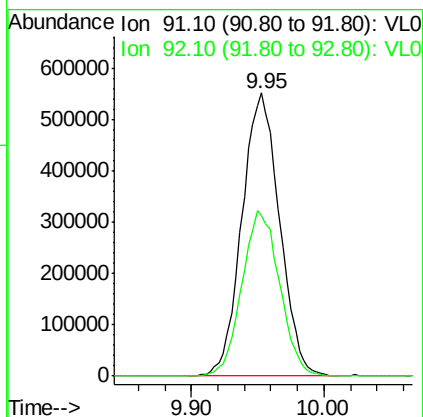
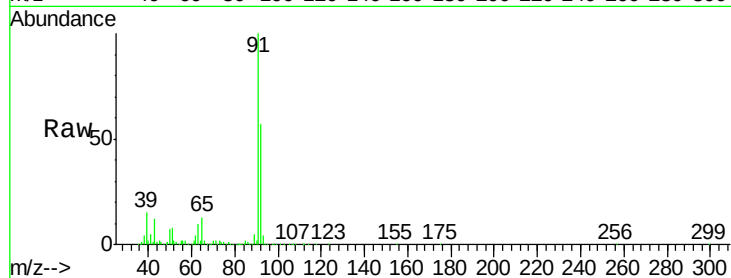
Ion Ratio Lower Upper

91 100

92 58.6 47.4 71.0

Manual Integrations
APPROVED

MMDadoda
12/11/2018 10:08:59 AM



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VL032937.D

Acq: 7 Dec 2018 16:33

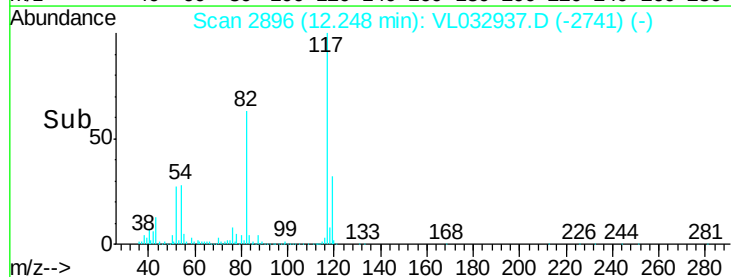
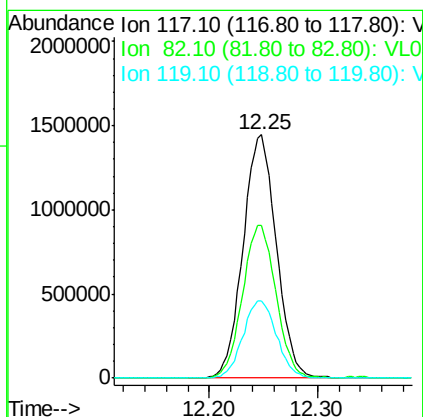
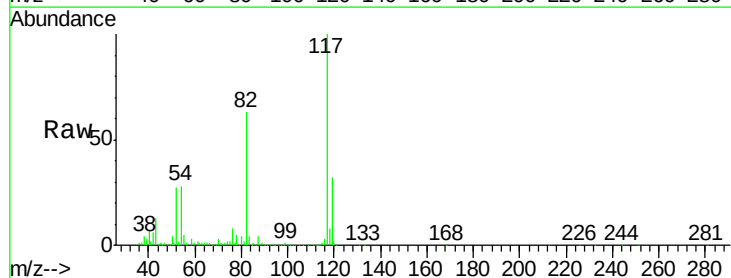
Tgt Ion: 117 Resp: 3098625

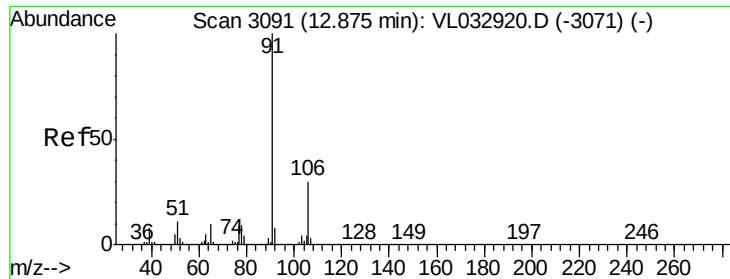
Ion Ratio Lower Upper

117 100

82 63.2 47.8 71.8

119 32.3 43.1 64.7#





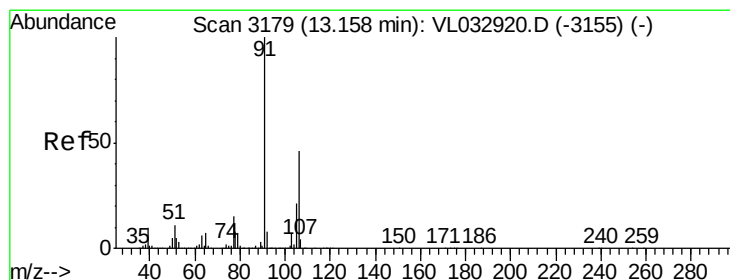
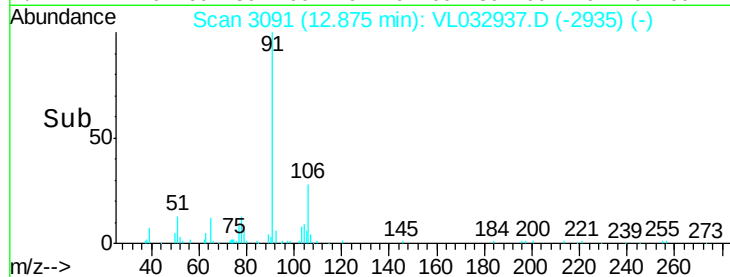
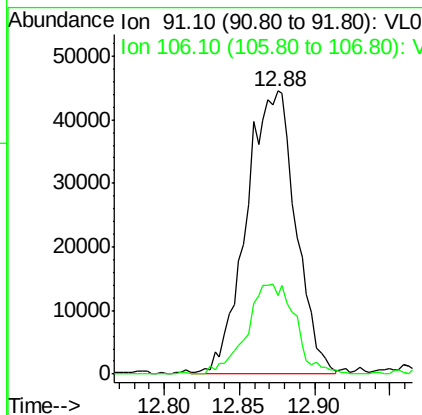
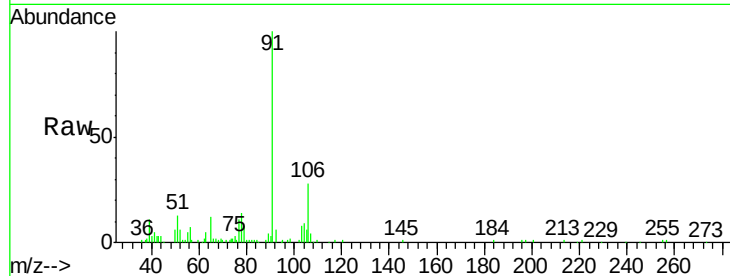
#58
Ethyl Benzene
Concen: 0.308 ppbv m
RT: 12.88 min Scan# 3091
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampled :
IA2

Tgt Ion: 91 Resp: 101833
Ion Ratio Lower Upper
91 100
106 27.8 23.9 35.9

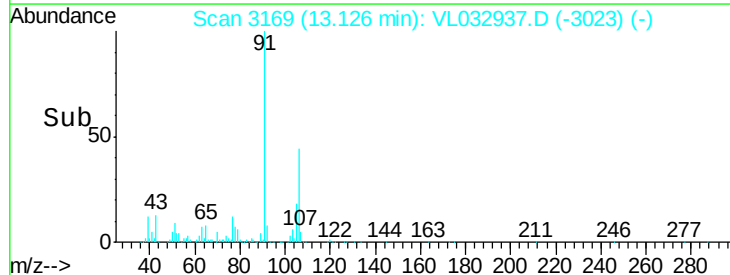
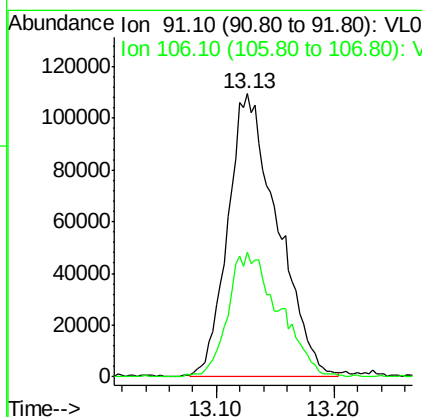
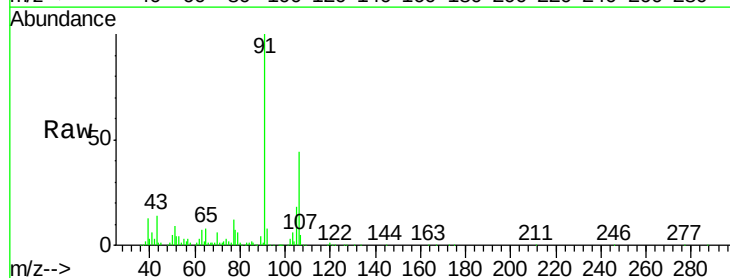
Manual Integrations
APPROVED

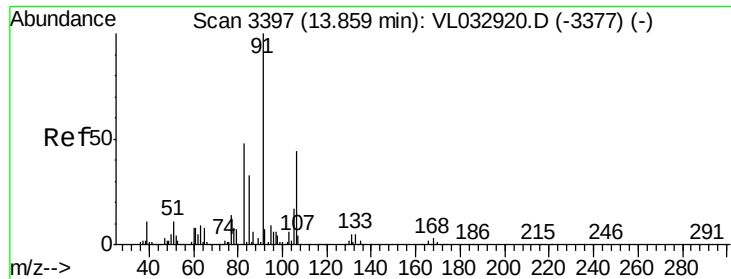
MMDadoda
12/11/2018 10:08:59 AM



#59
m/p-Xylene
Concen: 1.063 ppbv m
RT: 13.13 min Scan# 3169
Delta R.T. -0.03 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 91 Resp: 318662
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0





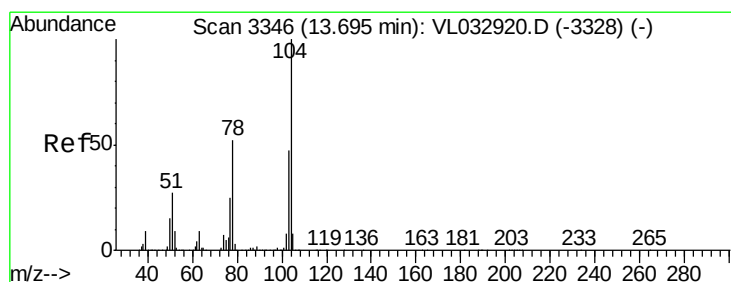
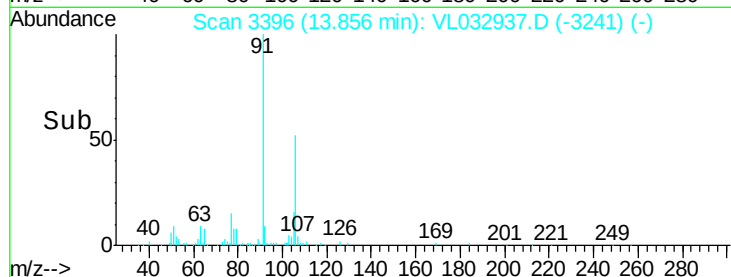
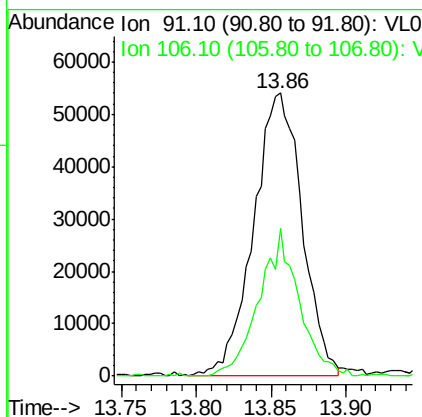
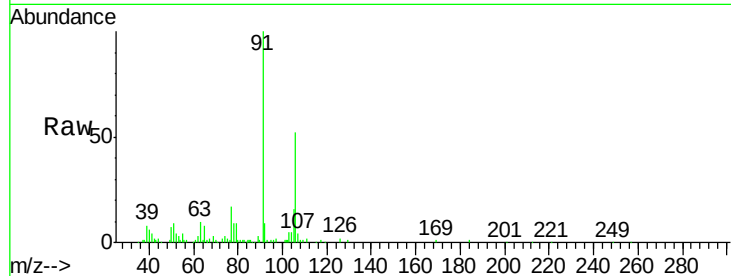
#60
o-Xylene
Concen: 0.398 ppbv
RT: 13.86 min Scan# 3396
Delta R.T. -0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampled :
IA2

Tgt Ion: 91 Resp: 120600
Ion Ratio Lower Upper
91 100
106 43.2 21.9 65.8

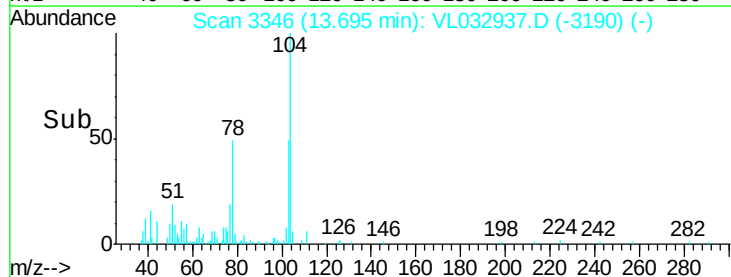
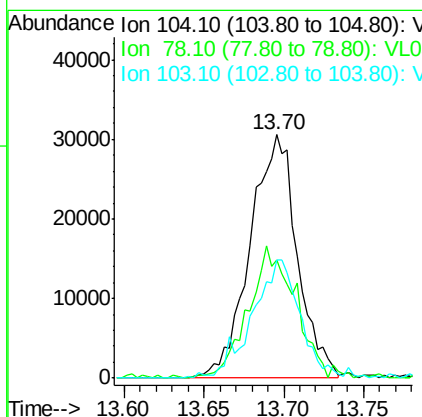
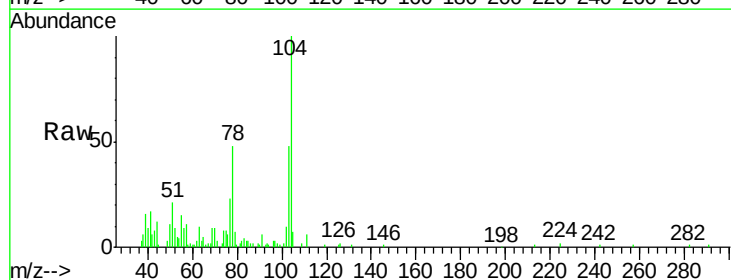
Manual Integrations
APPROVED

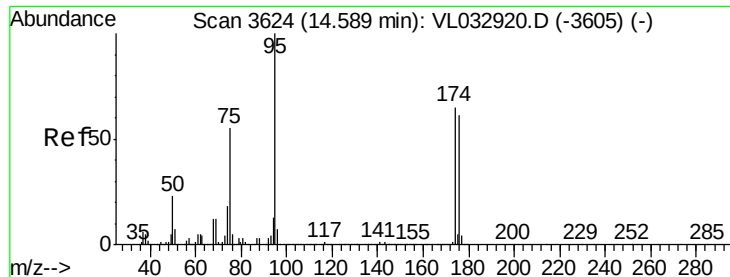
MMDadoda
12/11/2018 10:08:59 AM



#61
Styrene
Concen: 0.308 ppbv
RT: 13.70 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 104 Resp: 61985
Ion Ratio Lower Upper
104 100
78 55.5 42.0 63.0
103 49.7 38.3 57.5





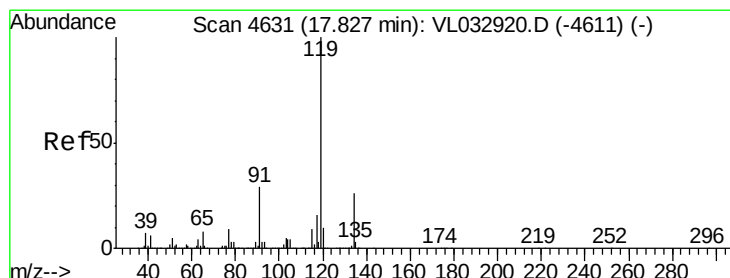
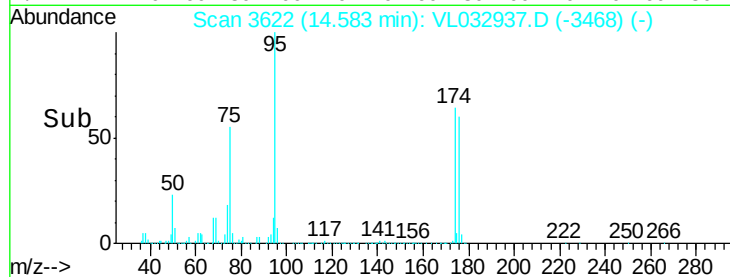
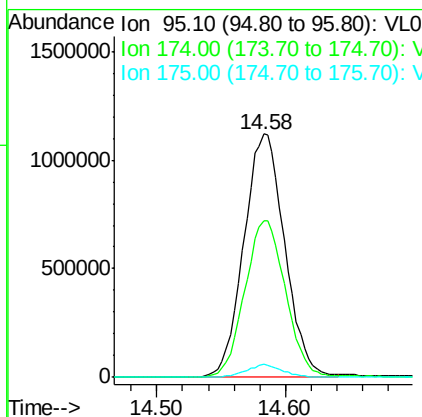
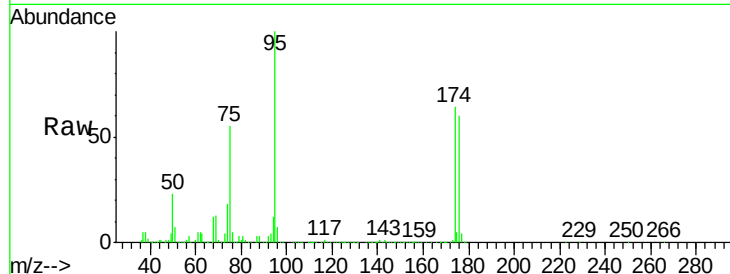
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.799 ppbv
 RT: 14.58 min Scan# 3622
 Delta R.T. -0.01 min
 Lab File: VL032937.D
 Acq: 7 Dec 2018 16:33

Instrument :
 MSVOA_L
 ClientSampled :
 IA2

Tgt Ion: 95 Resp: 2472176
 Ion Ratio Lower Upper
 95 100
 174 65.2 51.4 77.0
 175 4.9 3.8 5.6

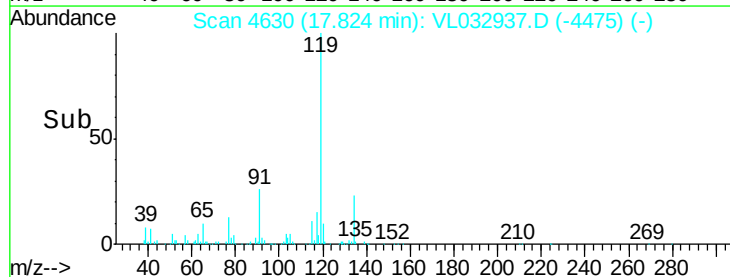
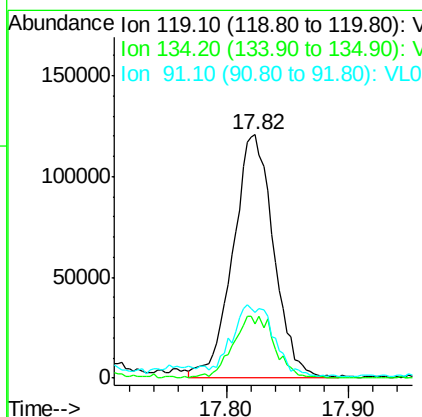
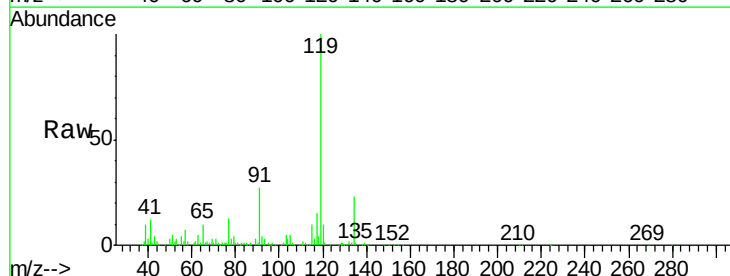
Manual Integrations
 APPROVED

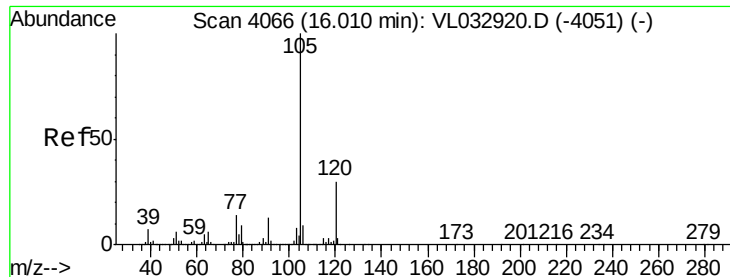
MMDadoda
 12/11/2018 10:08:59 AM



#69
 p-Isopropyltoluene
 Concen: 0.590 ppbv
 RT: 17.82 min Scan# 4630
 Delta R.T. -0.00 min
 Lab File: VL032937.D
 Acq: 7 Dec 2018 16:33

Tgt Ion: 119 Resp: 275848
 Ion Ratio Lower Upper
 119 100
 134 26.7 20.2 30.2
 91 31.0 22.9 34.3





#72

4-Ethyltoluene

Concen: 0.176 ppbv

RT: 16.00 min Scan# 4064

Delta R.T. -0.01 min

Lab File: VL032937.D

Acq: 7 Dec 2018 16:33

Instrument :

MSVOA_L

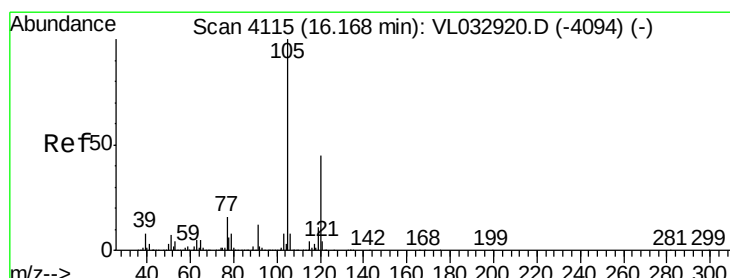
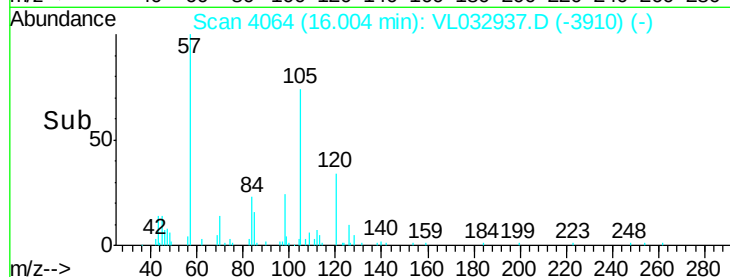
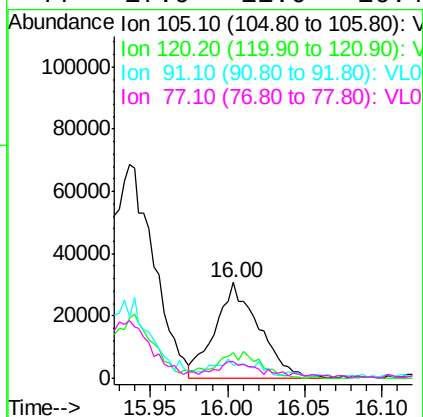
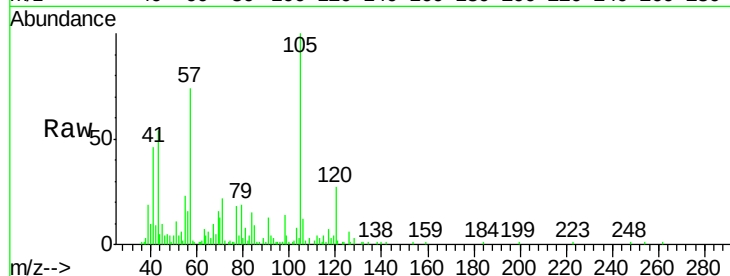
ClientSampled :

IA2

Tgt Ion:	105	Resp:	59524
Ion Ratio	Lower	Upper	
105	100		
120	30.5	23.0	34.4
91	18.2	10.4	15.6#
77	17.9	11.0	16.4#

Manual Integrations
APPROVED

MMDadoda
12/11/2018 10:08:59 AM



#73

1,3,5-Trimethylbenzene

Concen: 0.219 ppbv

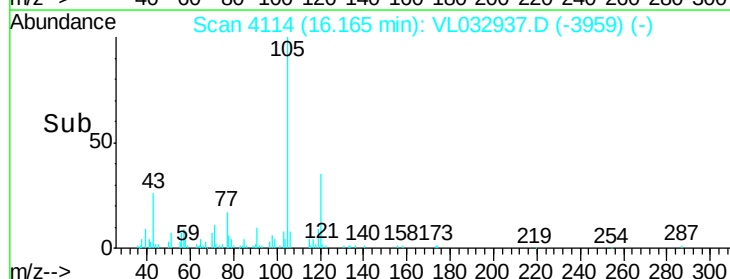
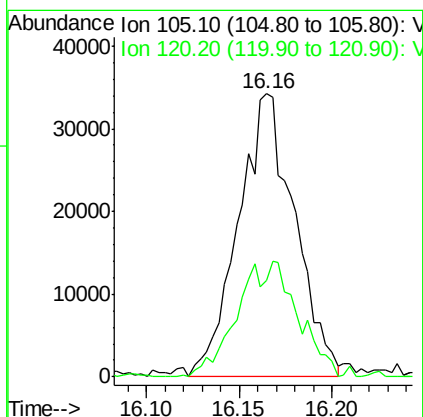
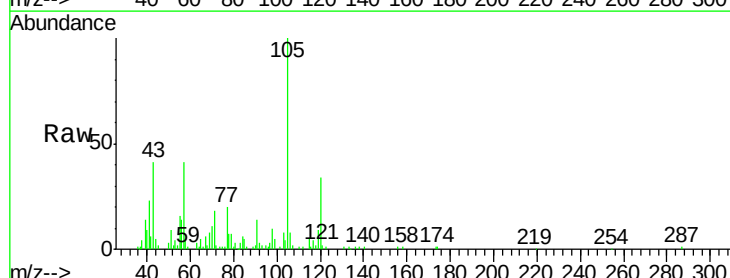
RT: 16.16 min Scan# 4114

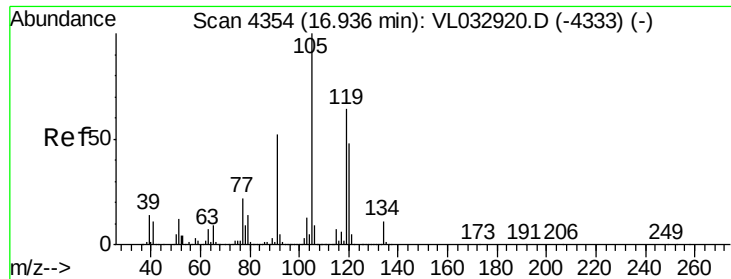
Delta R.T. -0.00 min

Lab File: VL032937.D

Acq: 7 Dec 2018 16:33

Tgt Ion:	105	Resp:	72220
Ion Ratio	Lower	Upper	
105	100		
120	36.5	36.0	54.0





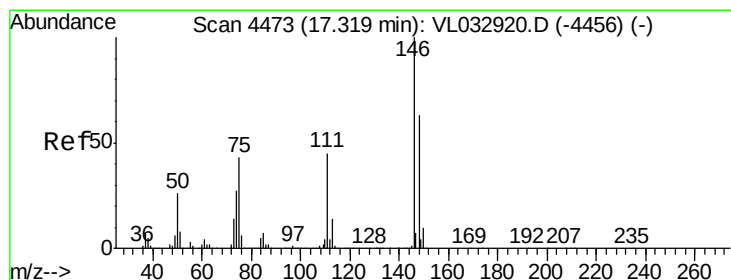
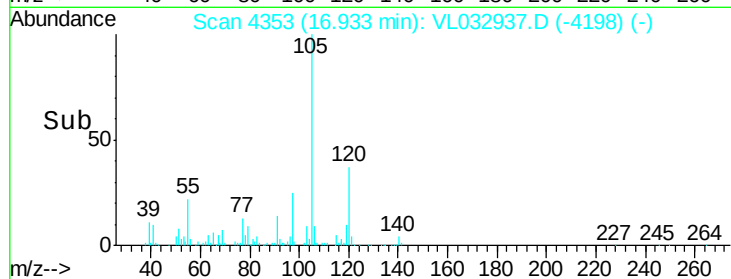
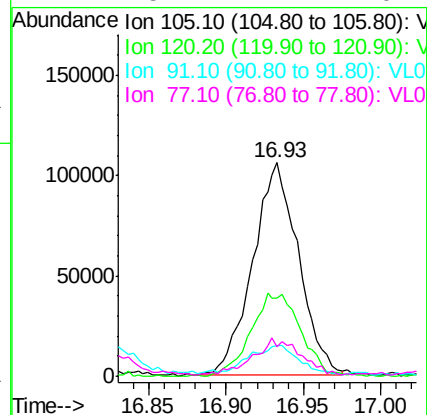
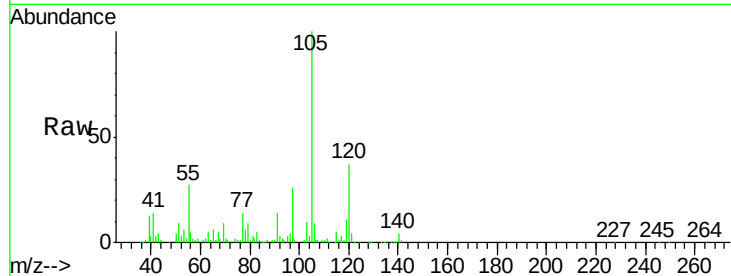
#74
 1,2,4-Trimethylbenzene
 Concen: 0.585 ppbv
 RT: 16.93 min Scan# 4353
 Delta R.T. -0.00 min
 Lab File: VL032937.D
 Acq: 7 Dec 2018 16:33

Instrument :
 MSVOA_L
 ClientSampled :
 IA2

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217960		
120	36.2	38.6	58.0#	
91	13.7	41.7	62.5#	
77	13.4	17.4	26.2#	

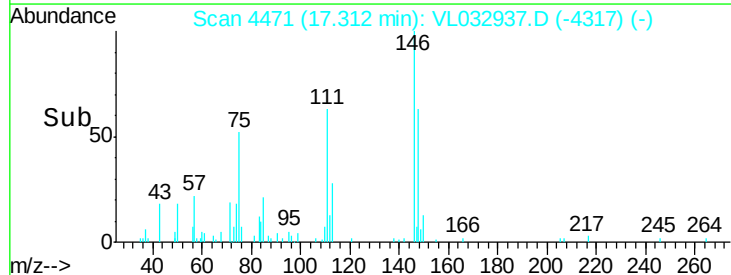
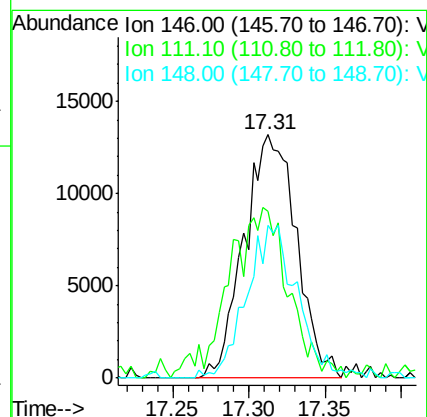
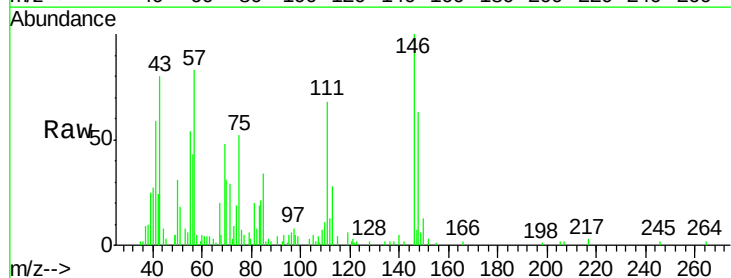
Manual Integrations
 APPROVED

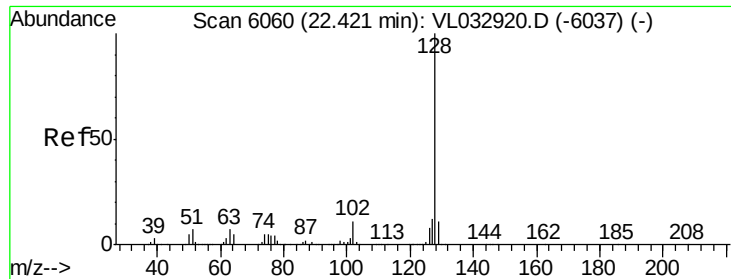
MMDadoda
 12/11/2018 10:08:59 AM



#76
 1,4-Dichlorobenzene
 Concen: 0.154 ppbv m
 RT: 17.31 min Scan# 4471
 Delta R.T. -0.01 min
 Lab File: VL032937.D
 Acq: 7 Dec 2018 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	31583		
111	0.0	22.8	68.4#	
148	0.0	32.0	96.2#	





#79

Naphthalene

Concen: 0.121 ppbv m

RT: 22.43 min Scan# 6063

Delta R.T. 0.01 min

Lab File: VL032937.D

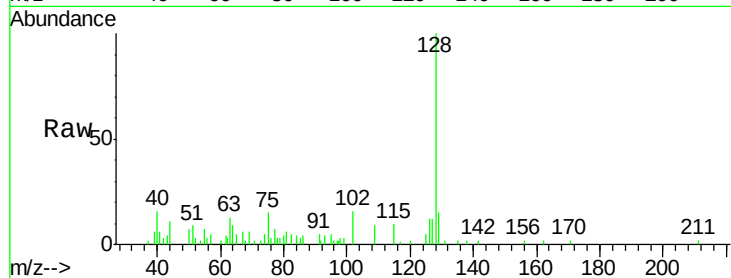
Acq: 7 Dec 2018 16:33

Instrument :

MSVOA_L

ClientSampleId :

IA2



Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	11.8	9.9	14.9
129	15.4	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
12/11/2018 10:08:59 AM

