

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081518\
 Data File : VL032374.D
 Acq On : 16 Aug 2018 6:38
 Operator : SY/AP
 Sample : J4457-10
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG10-MIVI

Manual Integrations
 APPROVED

MMDadoda
 8/17/2018 2:06:58 PM

Quant Time: Aug 16 22:36:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 15 14:58:02 2018
 QLast Update : Wed Aug 15 14:58:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	1548979	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3011278	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.31	117	3100539	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2407231	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.21	50	52539	0.62	ppbv	97
9) Propene	3.07	41	228015	3.71	ppbv	86
10) Heptane	8.30	43	121420	0.66	ppbv	97
11) Trichlorofluoromethane	4.05	101	35673	0.21	ppbv	94
13) Ethanol	3.69	45	281570	17.85	ppbv	98
15) Acetone	3.94	43	3834449m	26.06	ppbv	
17) tert-Butyl alcohol	4.41	59	320941m	13.00	ppbv	
19) Isopropyl Alcohol	4.07	45	770760	7.78	ppbv #	95
20) Methylene Chloride	4.46	84	329489	5.93	ppbv	96
26) Hexane	5.83	57	191323	1.36	ppbv #	72
27) Carbon Disulfide	4.67	76	102463	0.78	ppbv #	85
30) Cyclohexane	7.31	84	135406	1.26	ppbv	98
34) 2-Butanone	5.38	43	731667	3.57	ppbv	99
35) Carbon Tetrachloride	7.20	117	21423	0.12	ppbv #	83
36) Benzene	7.06	78	342260	1.34	ppbv	97
37) 1,2-Dichloroethane	6.47	62	23393	0.15	ppbv #	92
44) 2,2,4-Trimethylpentane	8.05	57	142329	0.31	ppbv #	81
50) 4-Methyl-2-Pentanone	8.94	43	50263	0.17	ppbv	100
52) Tetrachloroethene	11.44	164	22319m	0.30	ppbv	
53) Toluene	10.01	91	3136553	11.21	ppbv	99
58) Ethyl Benzene	12.93	91	512894	1.37	ppbv	95
59) m/p-Xylene	13.18	91	1234255m	3.89	ppbv	
60) o-Xylene	13.92	91	494556	1.59	ppbv	99
61) Styrene	13.75	104	264325	1.21	ppbv	99
62) Isopropylbenzene	14.89	105	99114	0.22	ppbv	97
64) n-propylbenzene	15.78	120	16600m	0.14	ppbv	
69) p-Isopropyltoluene	17.88	119	48934	0.11	ppbv #	92
70) n-Butylbenzene	18.80	91	75812	0.16	ppbv #	27
72) 4-Ethyltoluene	16.07	105	97799	0.28	ppbv	96
73) 1,3,5-Trimethylbenzene	16.22	105	280607	0.84	ppbv	89
74) 1,2,4-Trimethylbenzene	16.99	105	582754	1.64	ppbv #	71
79) Naphthalene	22.50	128	165032	0.81	ppbv #	94

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

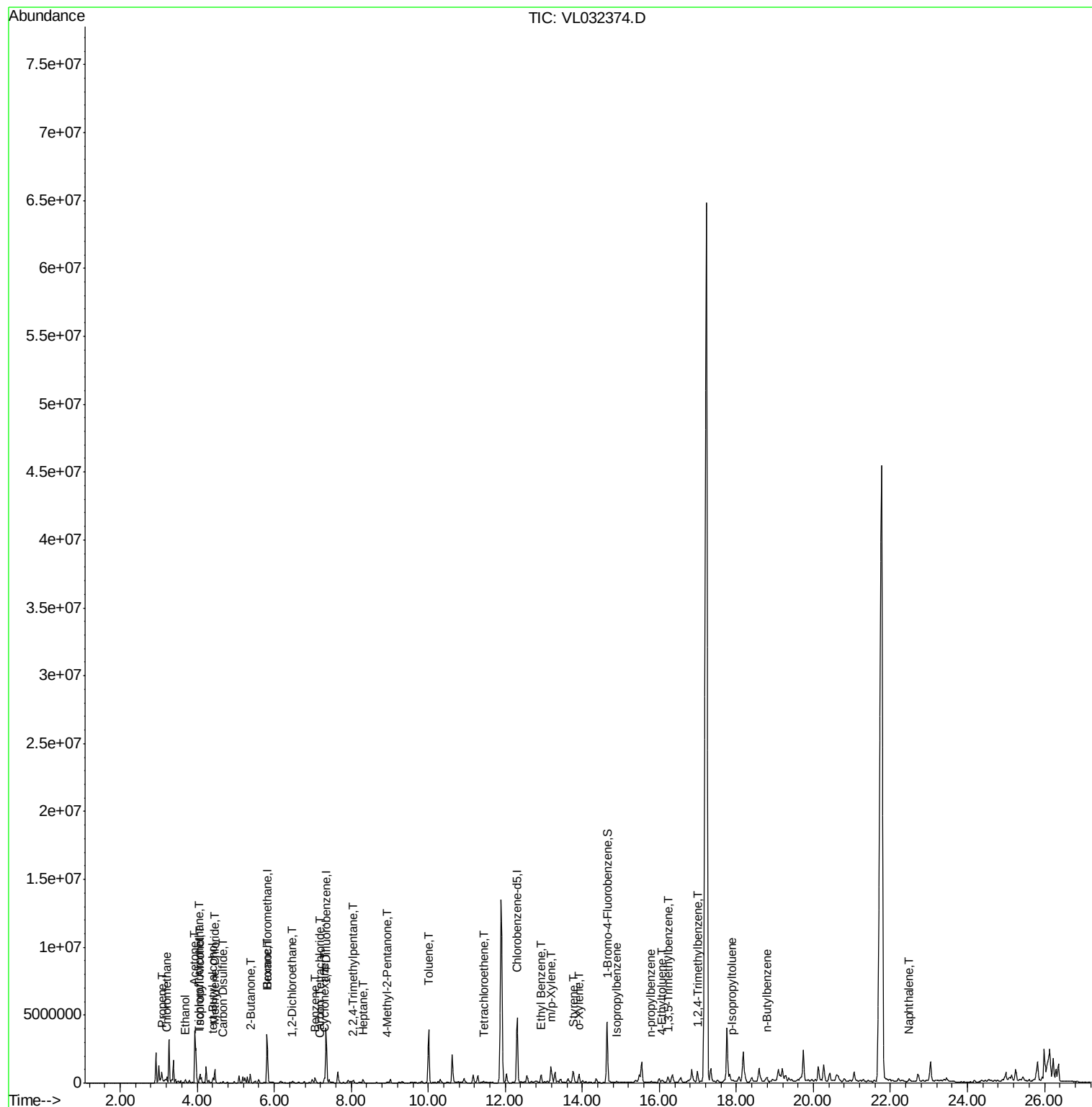
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081518\
Data File : VL032374.D
Acq On : 16 Aug 2018 6:38
Operator : SY/AP
Sample : J4457-10
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

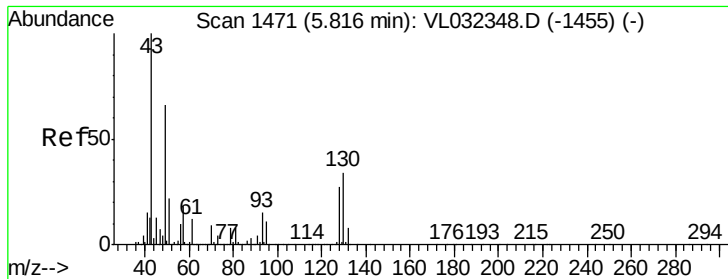
Instrument :
MSVOA_L
ClientSampleId :
SG10-MIVI

Manual Integrations
APPROVED

MMDadoda
8/17/2018 2:06:58 PM

Quant Time: Aug 16 22:36:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration





#1

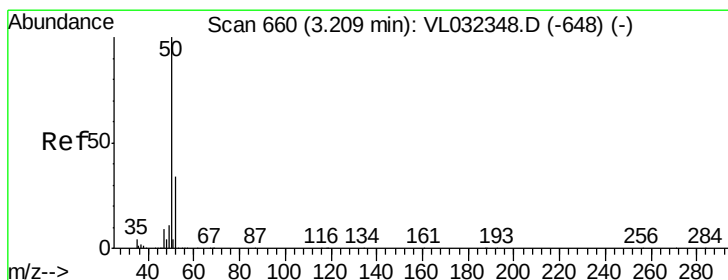
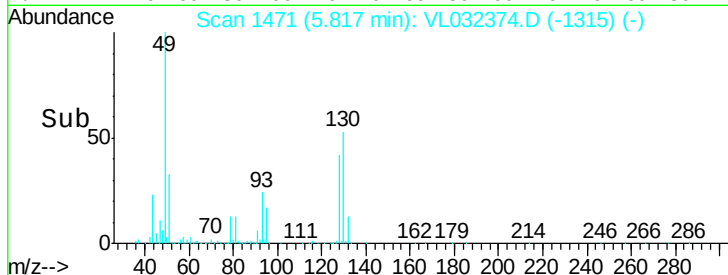
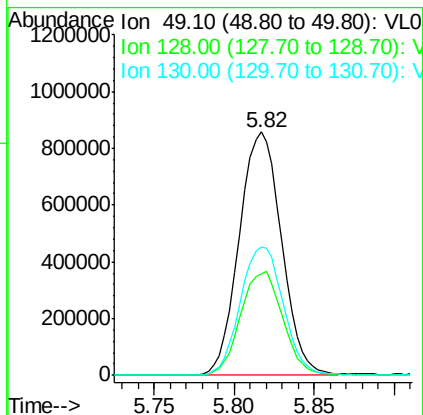
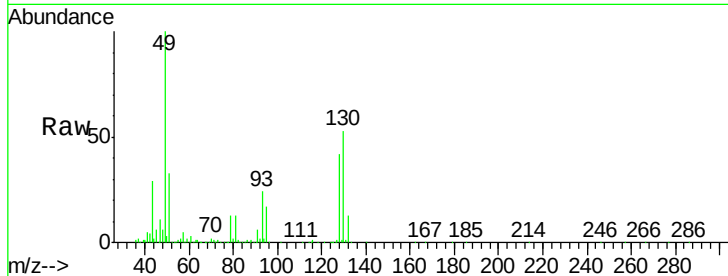
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.82 min Scan# 1471
Delta R.T. 0.00 min
Lab File: VL032374.D
Acq: 16 Aug 2018 6:38

Instrument :
MSVOA_L
ClientSampleId :
SG10-MIVI

Tot Ion	Ratio	Lower	Upper
49	100		
128	42.9	20.5	61.6
130	54.0	26.2	78.5

Manual Integrations
APPROVED

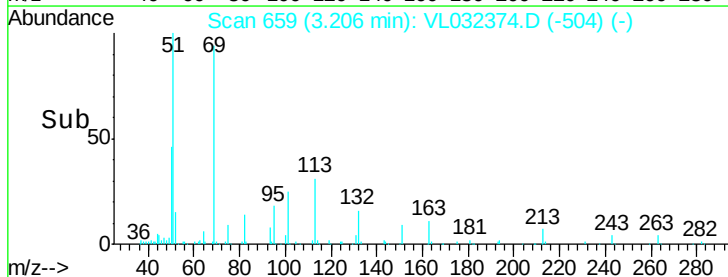
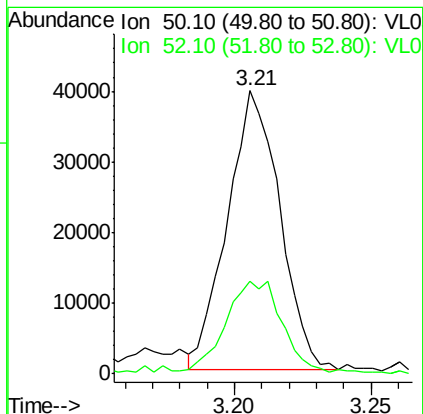
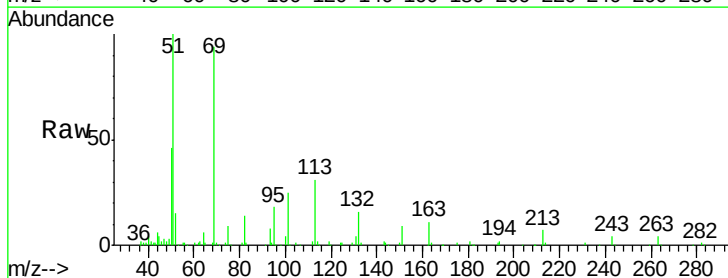
MMDadoda
8/17/2018 2:06:58 PM

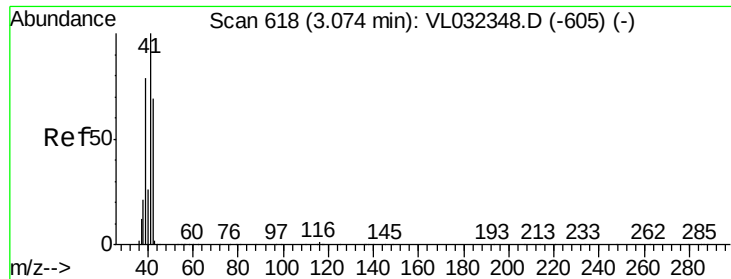


#4

Chloromethane
Concen: 0.62 ppbv
RT: 3.21 min Scan# 659
Delta R.T. -0.00 min
Lab File: VL032374.D
Acq: 16 Aug 2018 6:38

Tgt Ion	Ratio	Lower	Upper
50	100		
52	31.6	26.8	40.2





#9

Propene

Concen: 3.71 ppbv

RT: 3.07 min Scan# 618

Delta R.T. 0.00 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

Instrument :

MSVOA_L

ClientSampleId :

SG10-MIVI

Tot Ion: 41 Resp: 228015

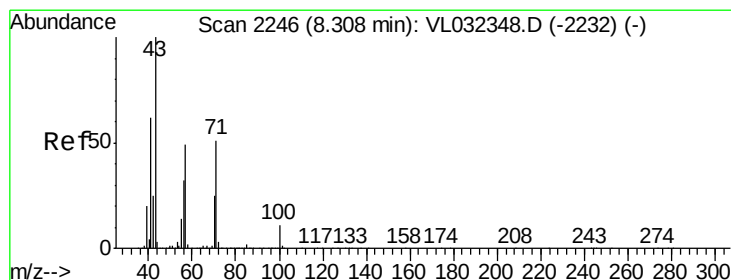
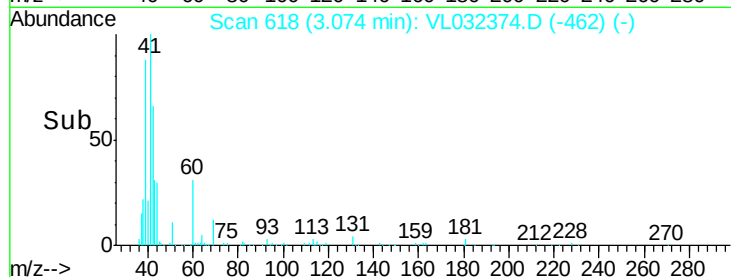
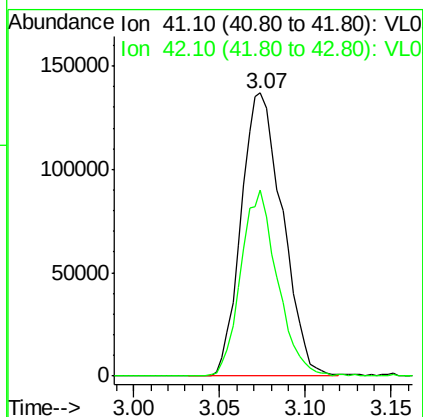
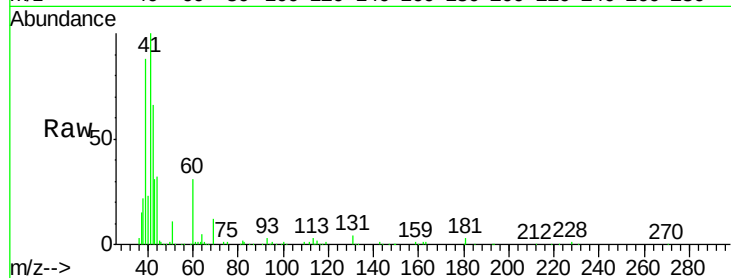
Ion Ratio Lower Upper

41 100

42 58.3 55.9 83.9

Manual Integrations
APPROVED

MMDadoda
8/17/2018 2:06:58 PM



#10

Heptane

Concen: 0.66 ppbv

RT: 8.30 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VL032374.D

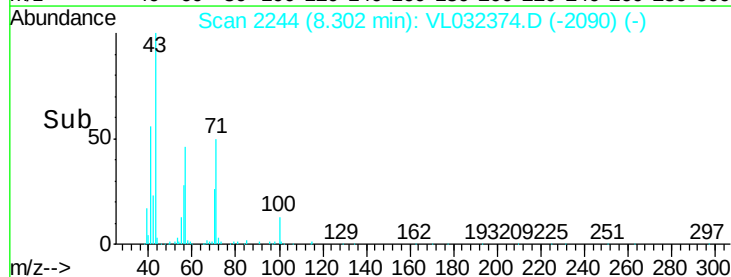
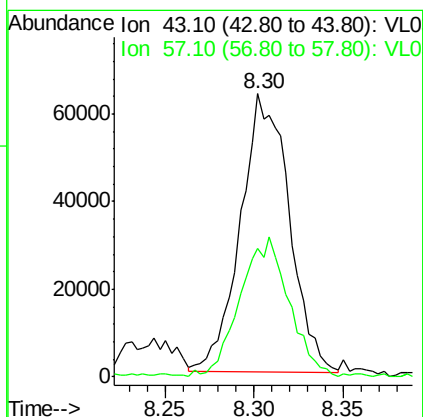
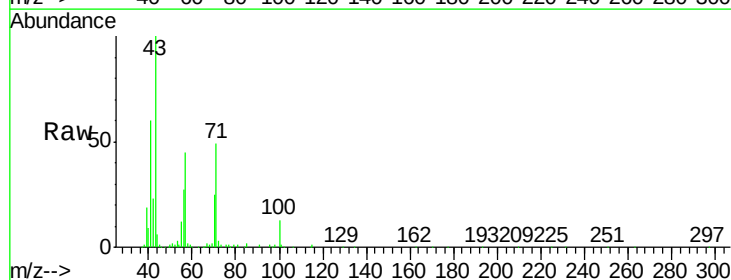
Acq: 16 Aug 2018 6:38

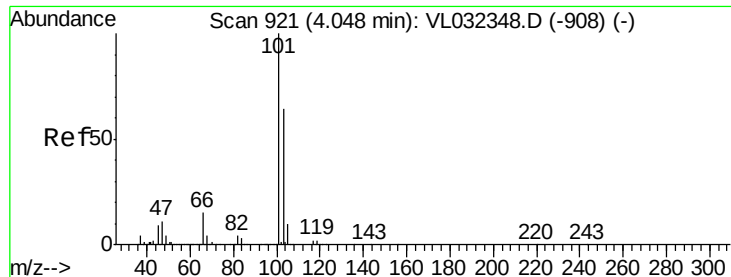
Tgt Ion: 43 Resp: 121420

Ion Ratio Lower Upper

43 100

57 51.7 39.5 59.3





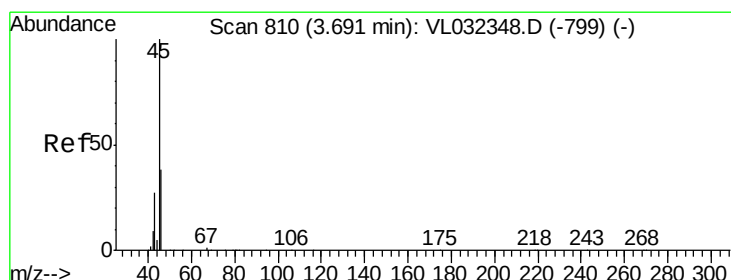
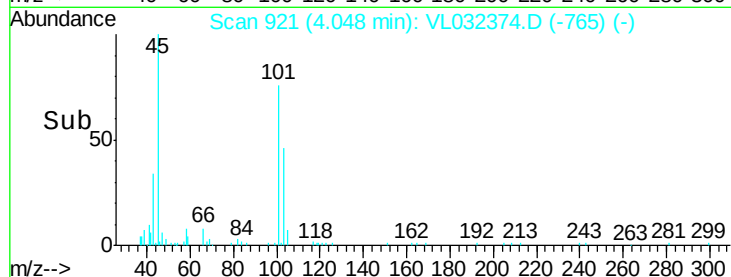
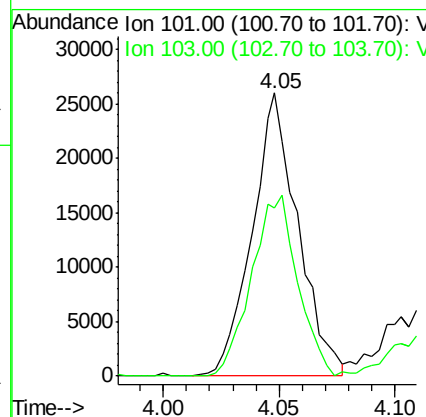
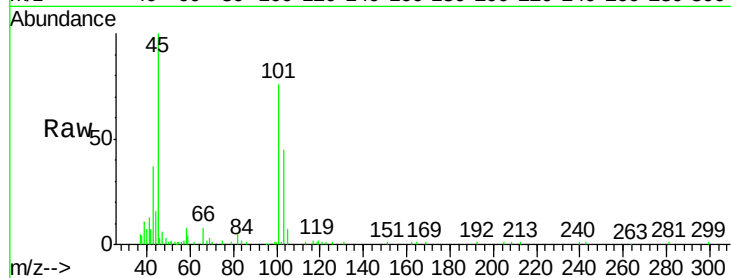
#11
 Trichlorofluoromethane
 Concen: 0.21 ppbv
 RT: 4.05 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VL032374.D
 Acq: 16 Aug 2018 6:38

Instrument :
 MSVOA_L
 ClientSampleId :
 SG10-MIVI

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.4	51.4	77.0

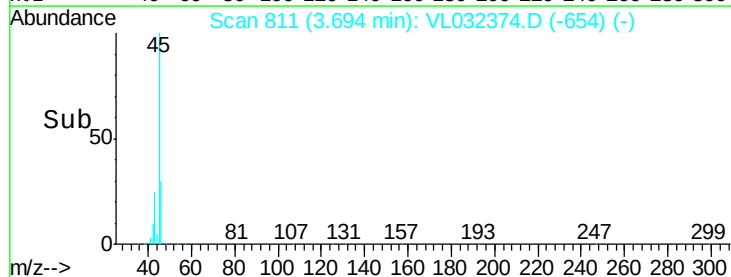
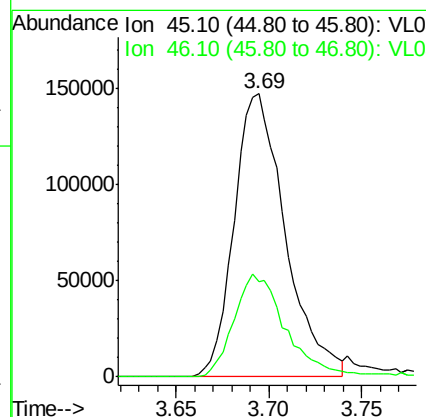
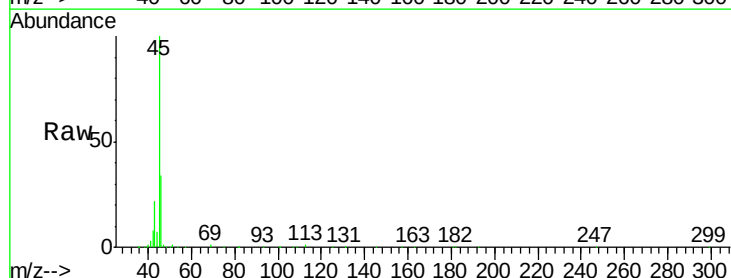
Manual Integrations
 APPROVED

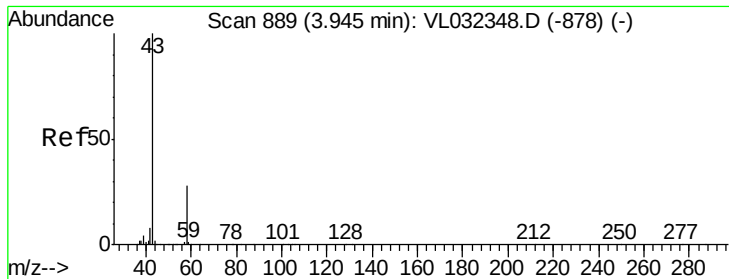
MMDadoda
 8/17/2018 2:06:58 PM



#13
 Ethanol
 Concen: 17.85 ppbv
 RT: 3.69 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VL032374.D
 Acq: 16 Aug 2018 6:38

Tgt Ion	Ratio	Lower	Upper
45	100		
46	37.6	15.6	62.4





#15

Acetone

Concen: 26.06 ppbv m

RT: 3.94 min Scan# 887

Delta R.T. -0.01 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

Instrument :

MSVOA_L

ClientSampleId :

SG10-MIVI

Tot Ion: 43 Resp: 3834449

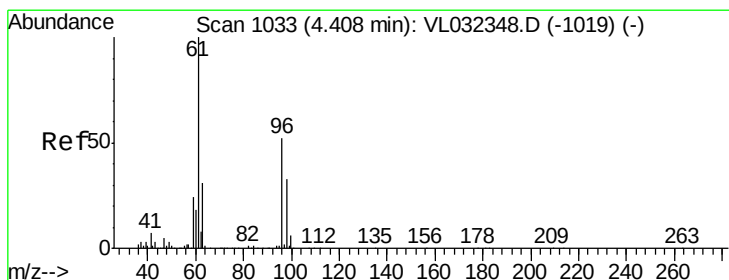
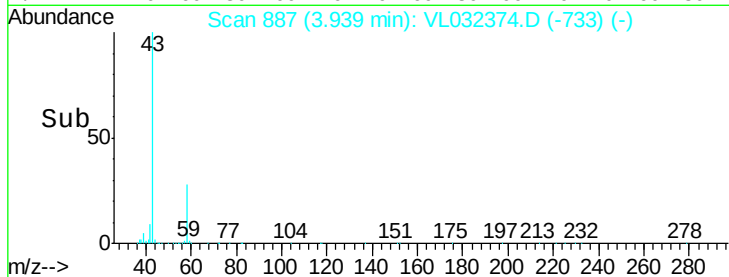
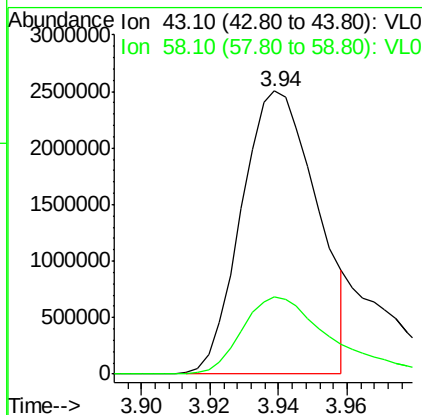
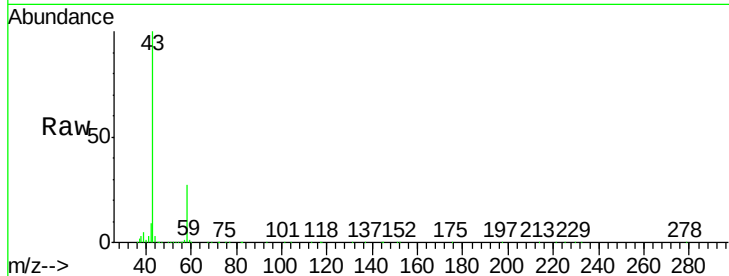
Ion Ratio Lower Upper

43 100

58 32.3 22.4 33.6

Manual Integrations
APPROVED

MMDadoda
8/17/2018 2:06:58 PM



#17

tert-Butyl alcohol

Concen: 13.00 ppbv m

RT: 4.41 min Scan# 1032

Delta R.T. -0.00 min

Lab File: VL032374.D

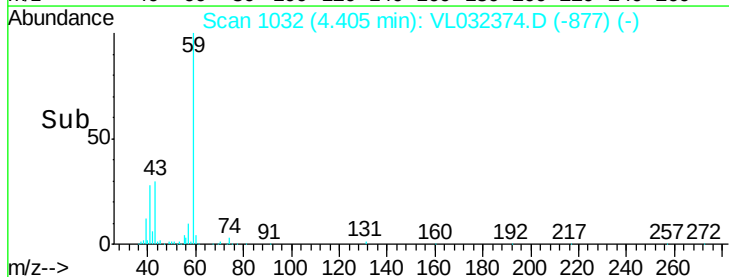
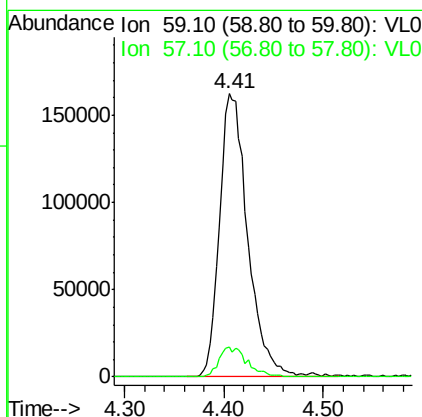
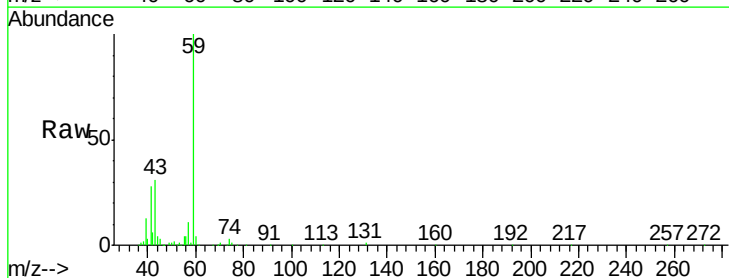
Acq: 16 Aug 2018 6:38

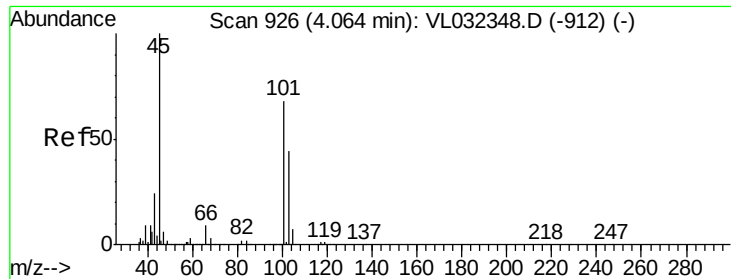
Tgt Ion: 59 Resp: 320941

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#





#19

Isopropyl Alcohol

Concen: 7.78 ppbv

RT: 4.07 min Scan# 928

Delta R.T. 0.01 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

Instrument :

MSVOA_L

ClientSampleId :

SG10-MIVI

Tot Ion: 45 Resp: 770760

Ion Ratio Lower Upper

45 100

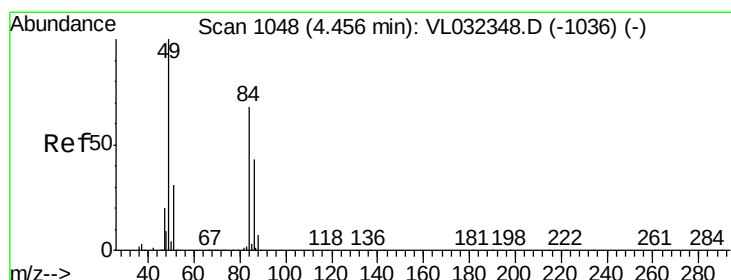
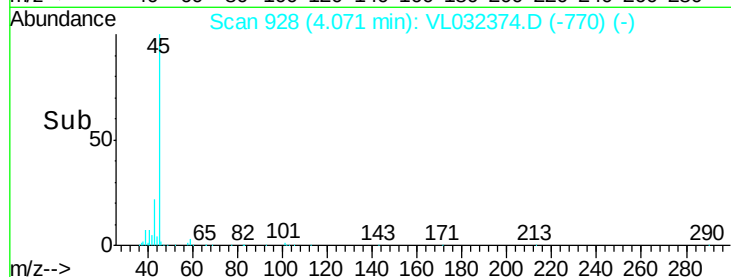
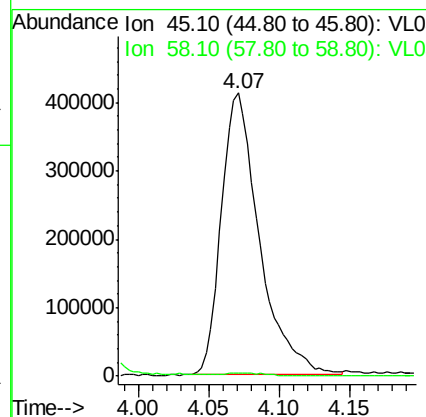
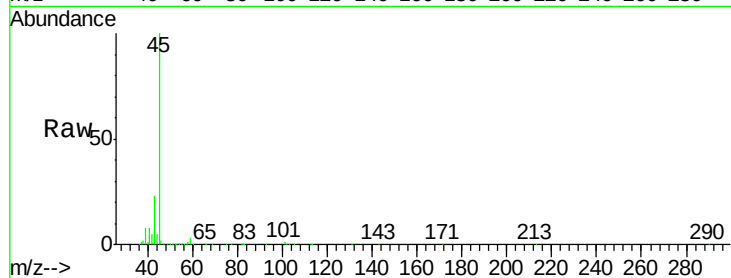
58 0.0 1.4 2.0#

Manual Integrations

APPROVED

MMDadoda

8/17/2018 2:06:58 PM



#20

Methylene Chloride

Concen: 5.93 ppbv

RT: 4.46 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

Tgt Ion: 84 Resp: 329489

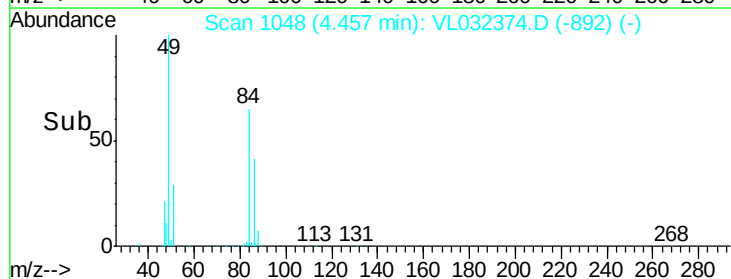
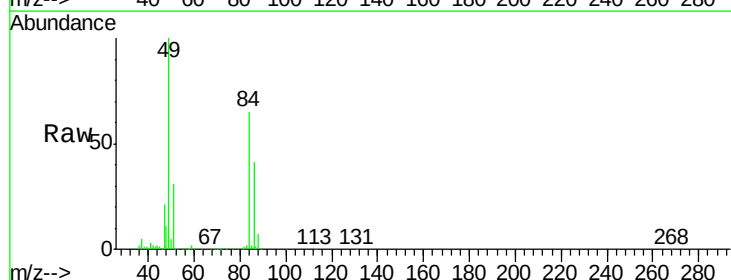
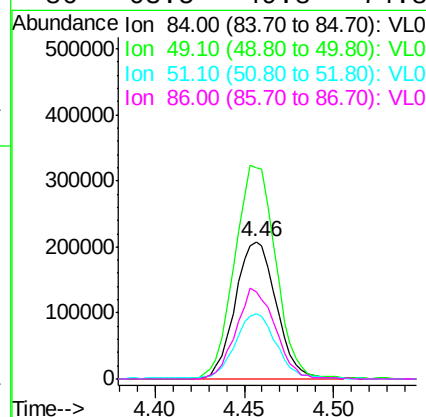
Ion Ratio Lower Upper

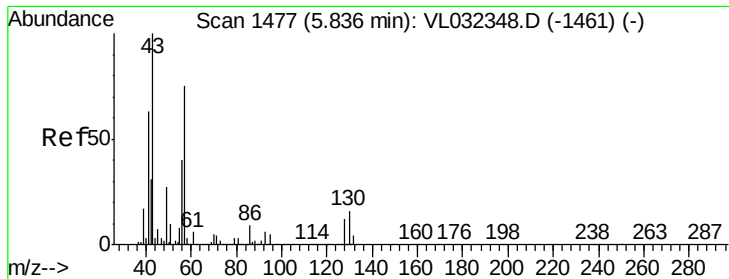
84 100

49 152.9 117.3 175.9

51 47.1 36.6 55.0

86 63.5 49.8 74.8





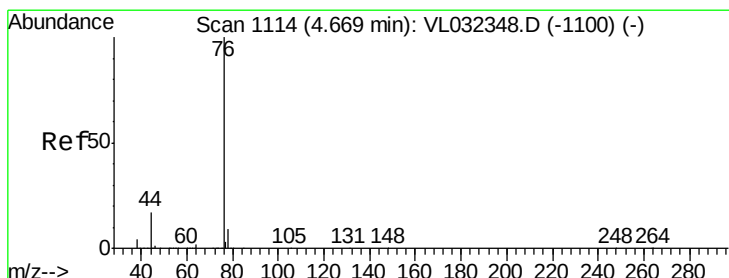
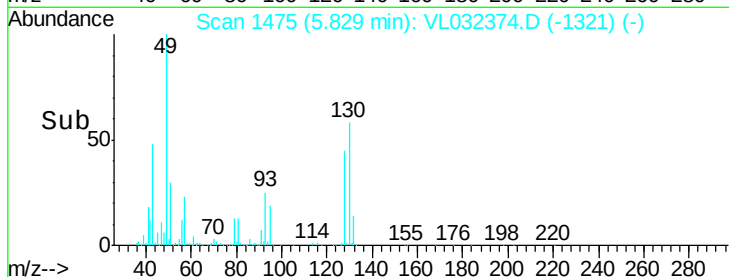
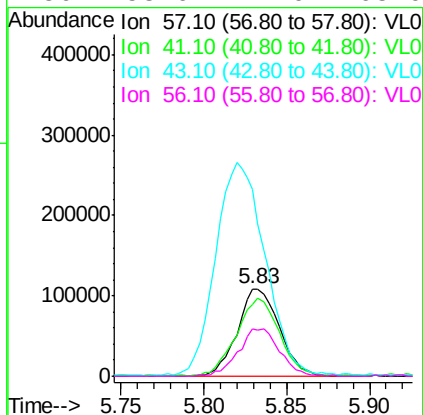
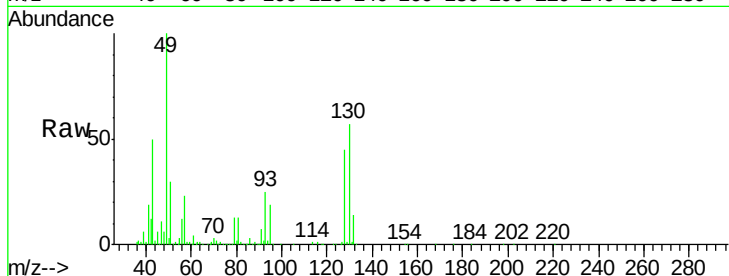
#26
Hexane
Concen: 1.36 ppbv
RT: 5.83 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VL032374.D
Acq: 16 Aug 2018 6:38

Instrument :
MSVOA_L
ClientSampleId :
SG10-MIVI

Tot Ion	57	Resp	191323
Ion	Ratio	Lower	Upper
57	100		
41	91.2	68.0	102.0
43	287.3	175.3	262.9#
56	53.6	42.0	63.0

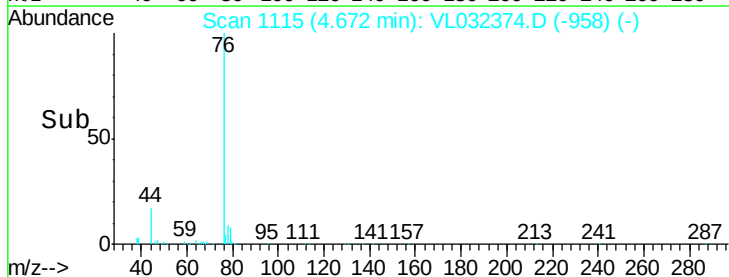
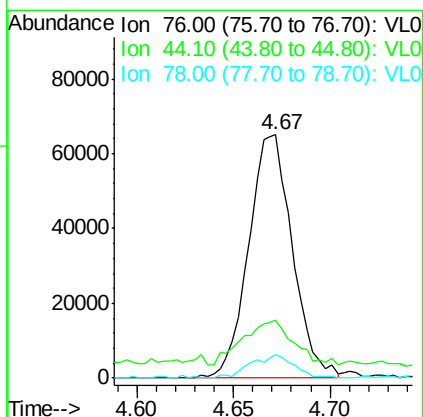
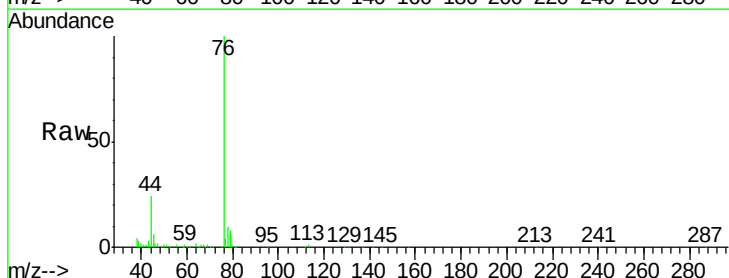
Manual Integrations
APPROVED

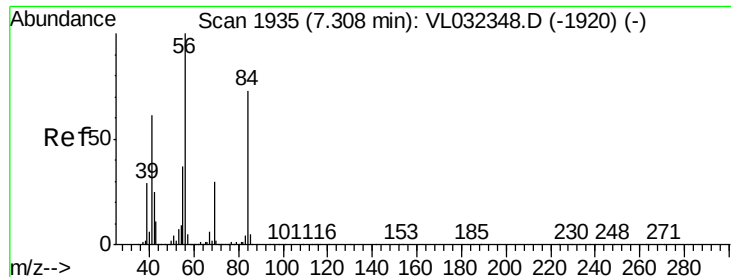
MMDadoda
8/17/2018 2:06:58 PM



#27
Carbon Disulfide
Concen: 0.78 ppbv
RT: 4.67 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VL032374.D
Acq: 16 Aug 2018 6:38

Tgt Ion	76	Resp	102463
Ion	Ratio	Lower	Upper
76	100		
44	27.3	14.4	21.6#
78	10.3	7.4	11.0





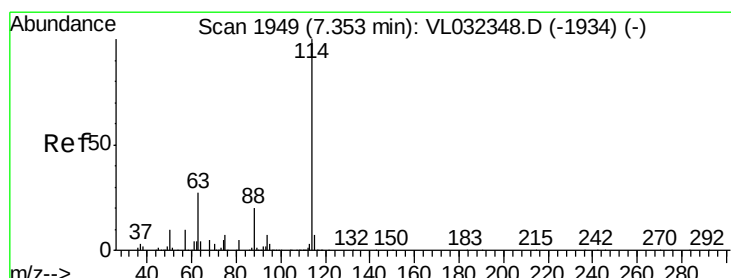
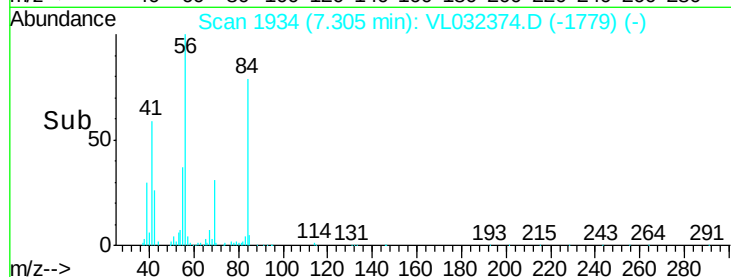
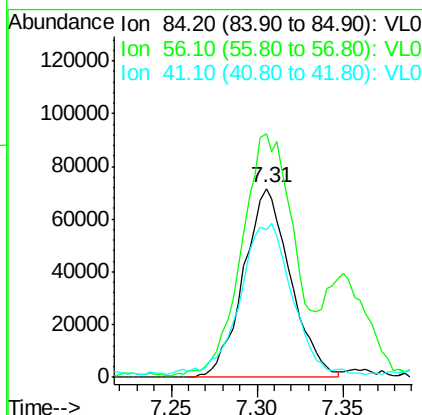
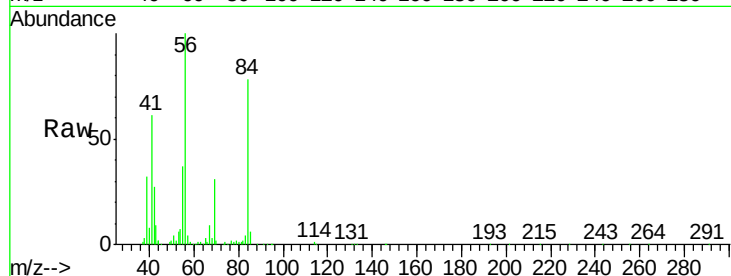
#30
Cyclohexane
Concen: 1.26 ppbv
RT: 7.31 min Scan# 1934
Delta R.T. -0.00 min
Lab File: VL032374.D
Acq: 16 Aug 2018 6:38

Instrument :
MSVOA_L
ClientSampleId :
SG10-MIVI

Tot Ion	Ratio	Lower	Upper
84	100		
56	146.1	115.7	173.5
41	87.6	67.9	101.9

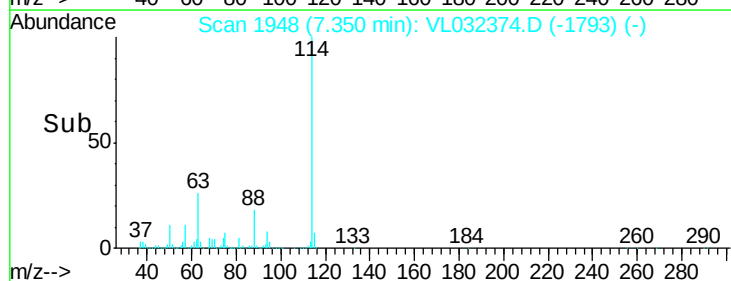
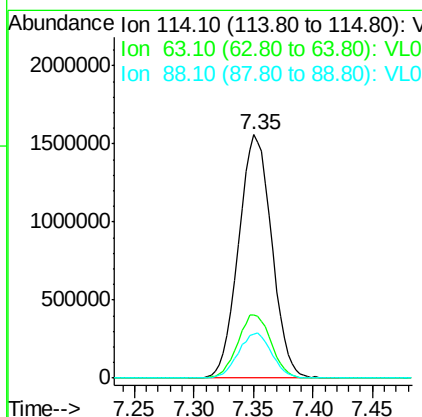
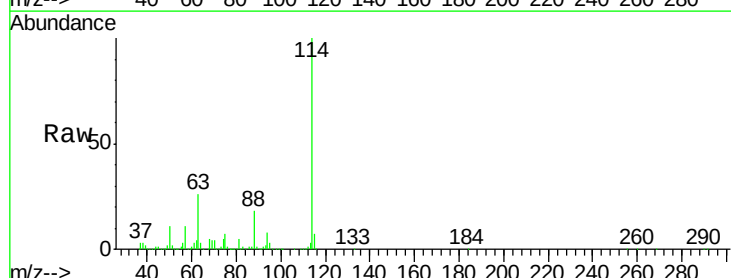
Manual Integrations
APPROVED

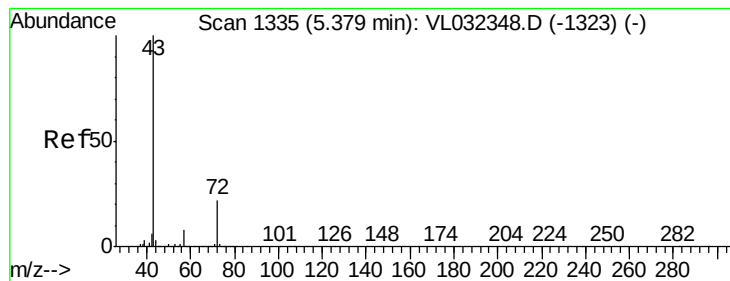
MMDadoda
8/17/2018 2:06:58 PM



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.35 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VL032374.D
Acq: 16 Aug 2018 6:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.4	22.0	33.0
88	18.7	15.3	22.9





#34

2-Butanone

Concen: 3.57 ppbv

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

Instrument :

MSVOA_L

ClientSampleId :

SG10-MIVI

Tot Ion: 43 Resp: 731667

Ion Ratio Lower Upper

43 100

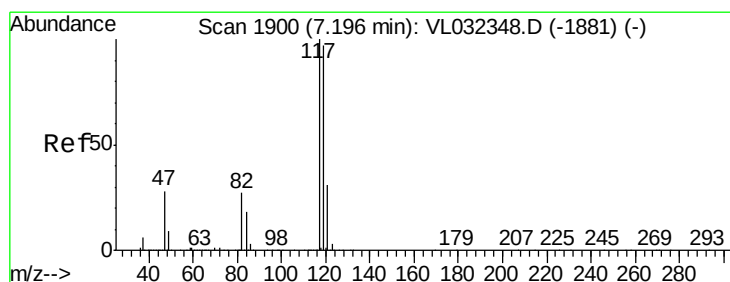
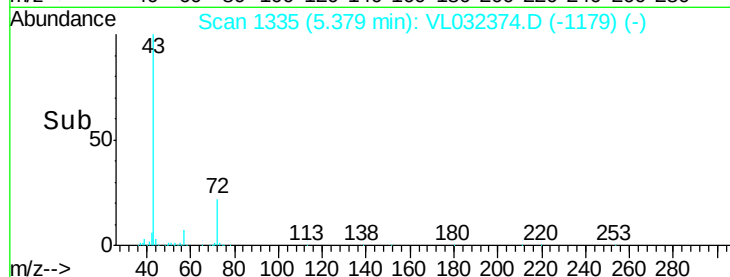
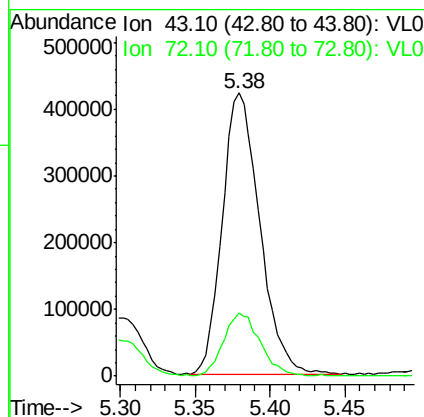
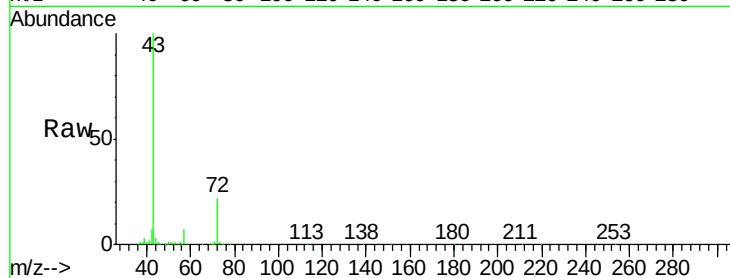
72 21.9 17.9 26.9

Manual Integrations

APPROVED

MMDadoda

8/17/2018 2:06:58 PM



#35

Carbon Tetrachloride

Concen: 0.12 ppbv

RT: 7.20 min Scan# 1900

Delta R.T. 0.00 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

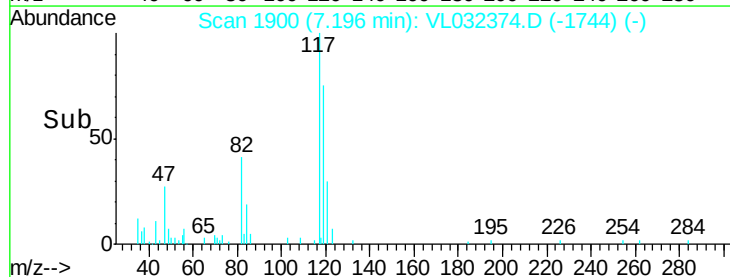
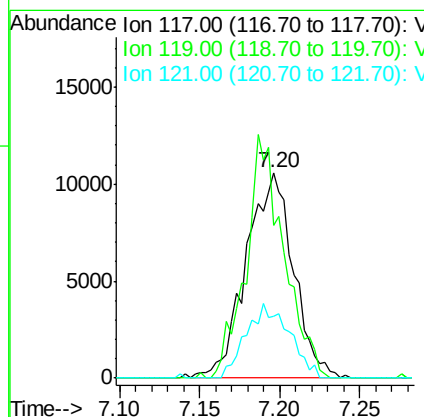
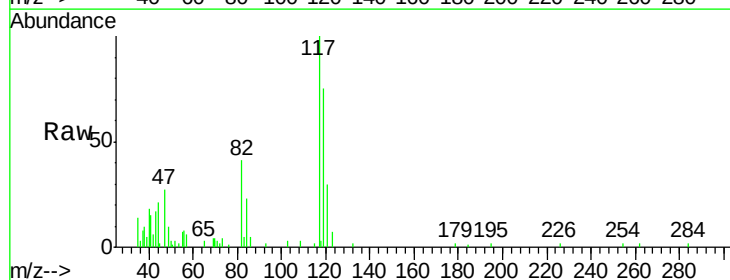
Tgt Ion: 117 Resp: 21423

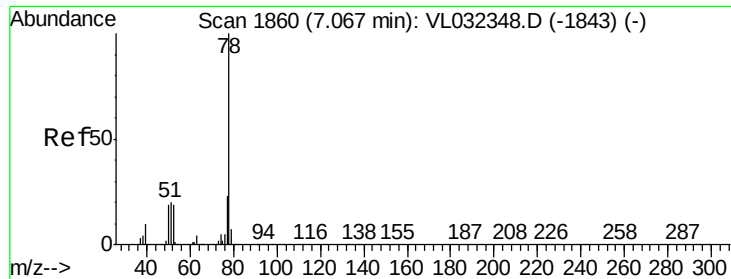
Ion Ratio Lower Upper

117 100

119 74.7 77.2 115.8#

121 29.9 25.1 37.7





#36

Benzene

Concen: 1.34 ppbv

RT: 7.06 min Scan# 1858

Delta R.T. -0.01 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

Instrument :

MSVOA_L

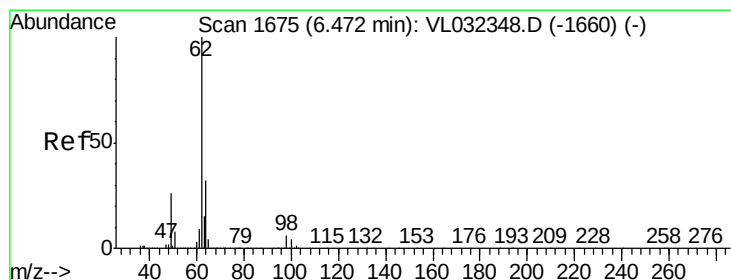
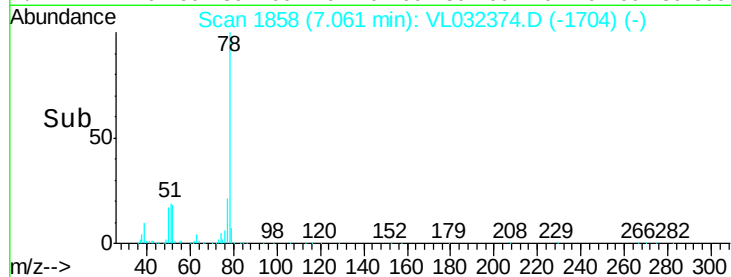
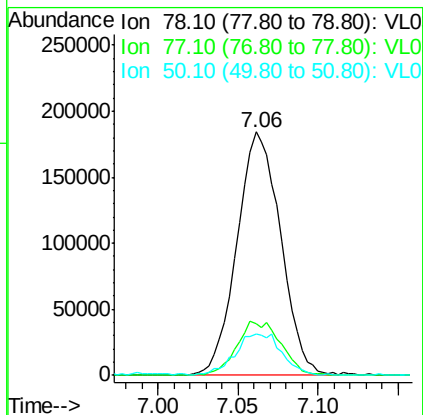
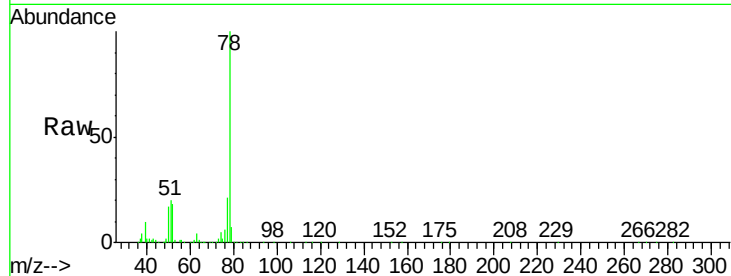
ClientSampleId :

SG10-MIVI

Tot Ion:	78	Resp:	342260
Ion Ratio	Lower	Upper	
78	100		
77	21.2	18.0	27.0
50	17.0	15.1	22.7

Manual Integrations
APPROVED

MMDadoda
8/17/2018 2:06:58 PM



#37

1,2-Dichloroethane

Concen: 0.15 ppbv

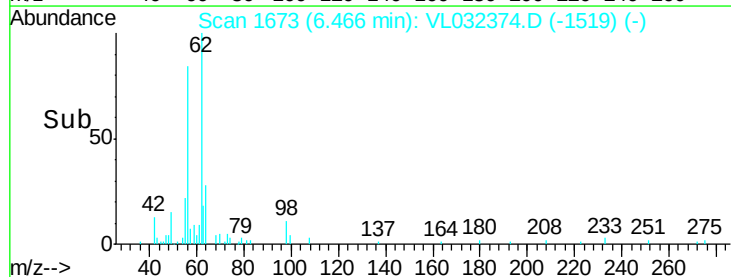
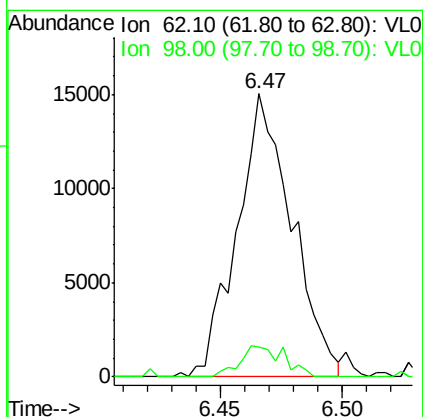
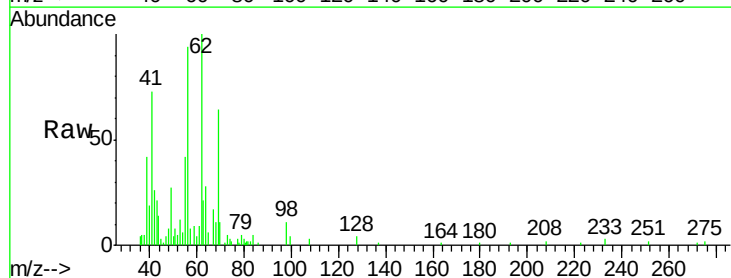
RT: 6.47 min Scan# 1673

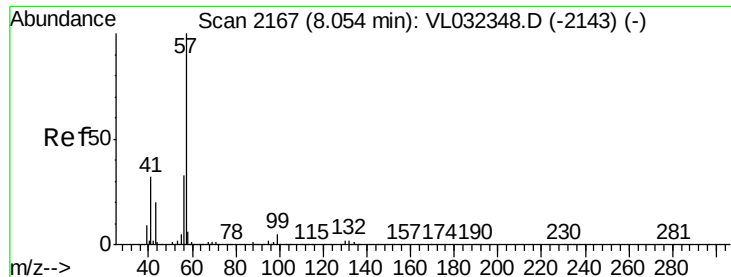
Delta R.T. -0.01 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

Tgt Ion:	62	Resp:	23393
Ion Ratio	Lower	Upper	
62	100		
98	8.9	5.0	7.6#





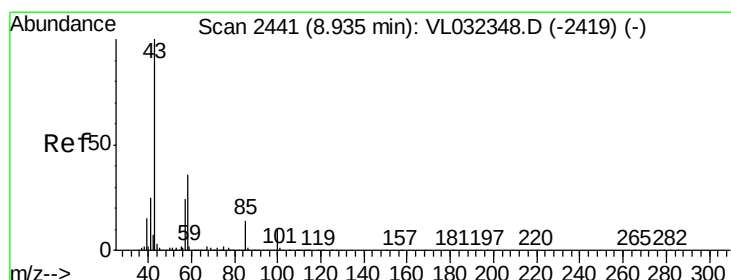
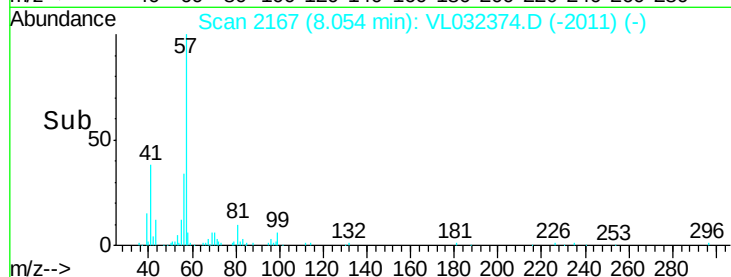
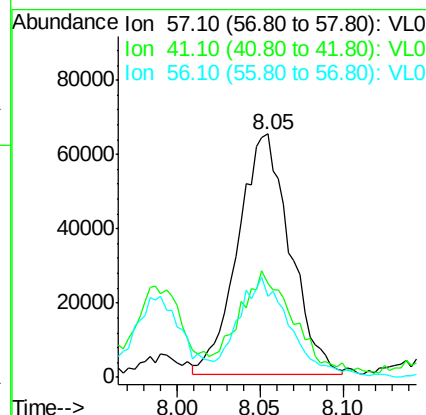
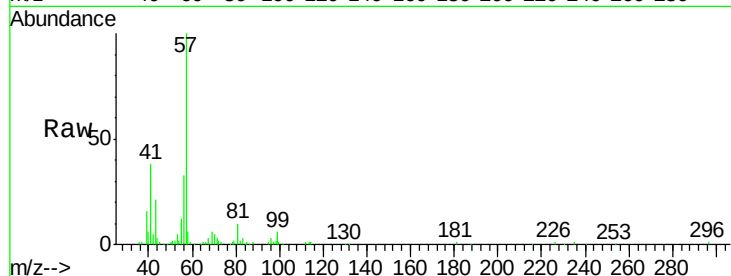
#44
 2,2,4-Trimethylpentane
 Concen: 0.31 ppbv
 RT: 8.05 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: VL032374.D
 Acq: 16 Aug 2018 6:38

Instrument :
 MSVOA_L
 ClientSampleId :
 SG10-MIVI

Tot Ion	Ratio	Lower	Upper
57	100		
41	43.9	24.3	36.5#
56	40.1	25.7	38.5#

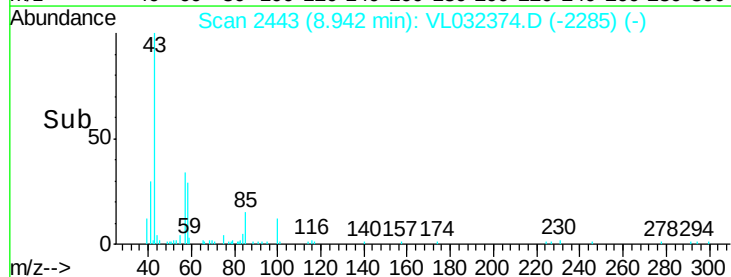
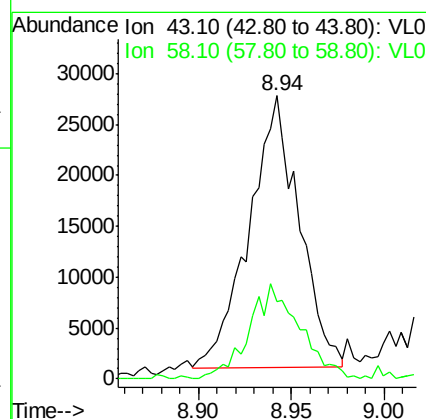
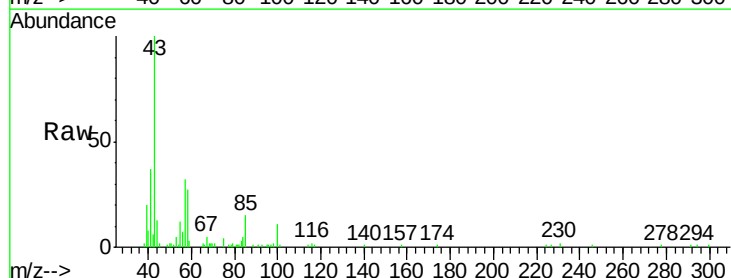
Manual Integrations
 APPROVED

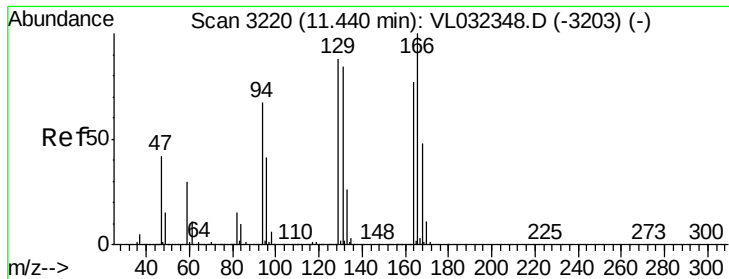
MMDadoda
 8/17/2018 2:06:58 PM



#50
 4-Methyl-2-Pentanone
 Concen: 0.17 ppbv
 RT: 8.94 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: VL032374.D
 Acq: 16 Aug 2018 6:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.9	43.3





#52

Tetrachloroethene

Concen: 0.30 ppbv m

RT: 11.44 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

Instrument :

MSVOA_L

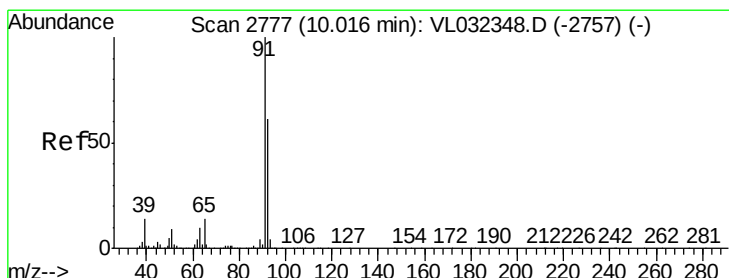
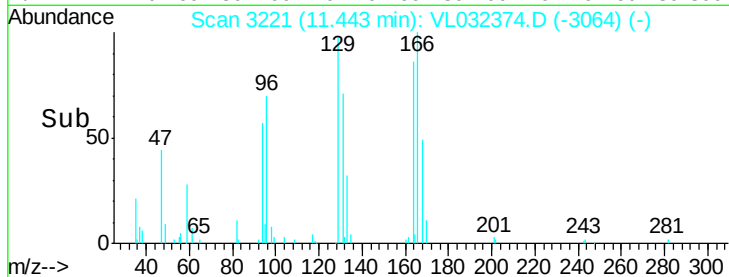
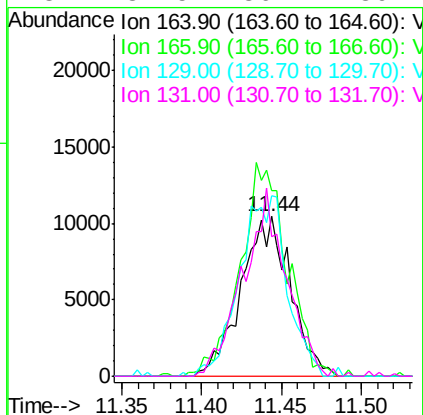
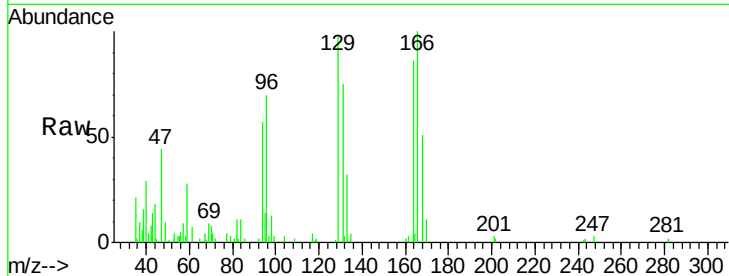
ClientSampleId :

SG10-MIVI

Tot Ion:	164	Resp:	22319
Ion	Ratio	Lower	Upper
164	100		
166	116.0	103.5	155.3
129	113.5	90.9	136.3
131	87.5	86.7	130.1

Manual Integrations
APPROVED

MMDadoda
8/17/2018 2:06:58 PM



#53

Toluene

Concen: 11.21 ppbv

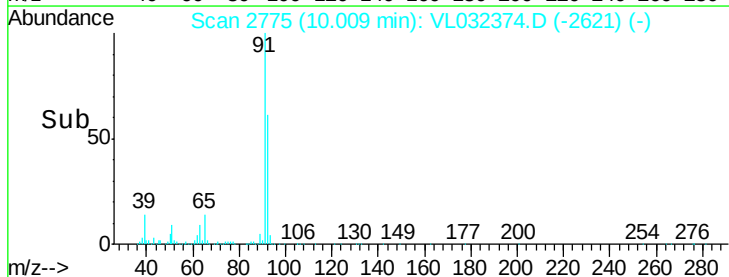
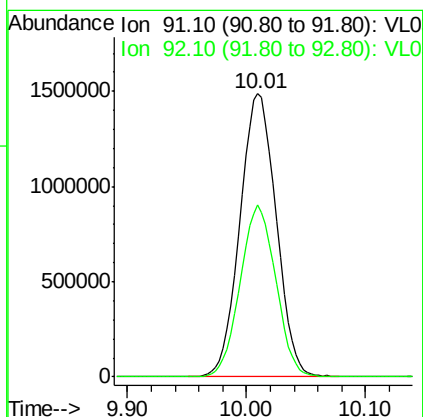
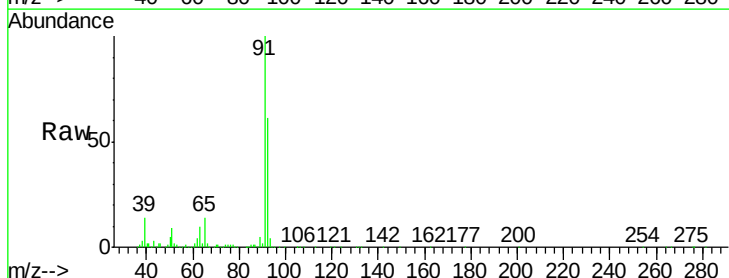
RT: 10.01 min Scan# 2775

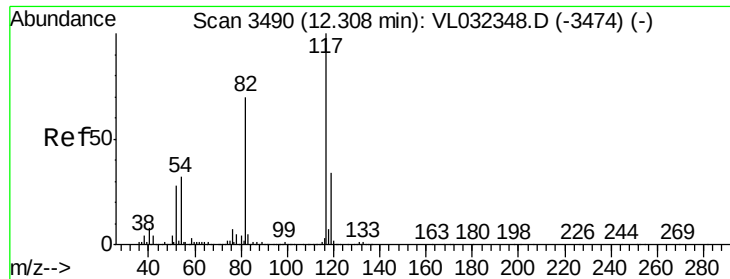
Delta R.T. -0.01 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

Tgt Ion:	91	Resp:	3136553
Ion	Ratio	Lower	Upper
91	100		
92	59.9	48.7	73.1





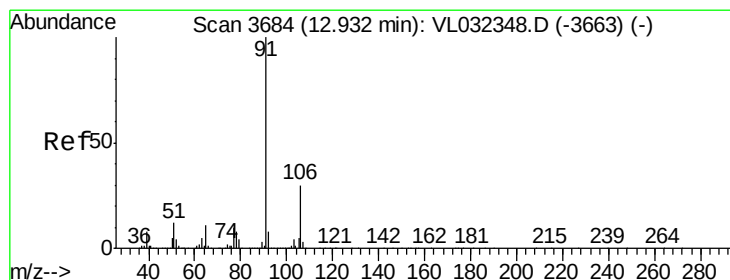
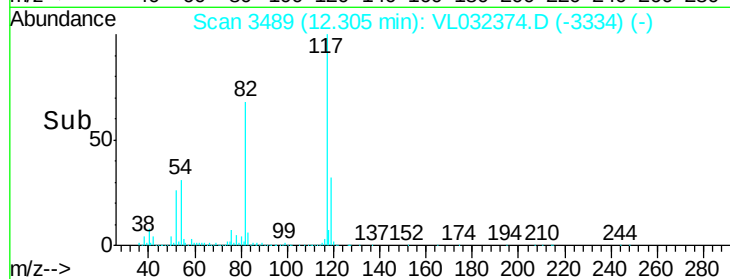
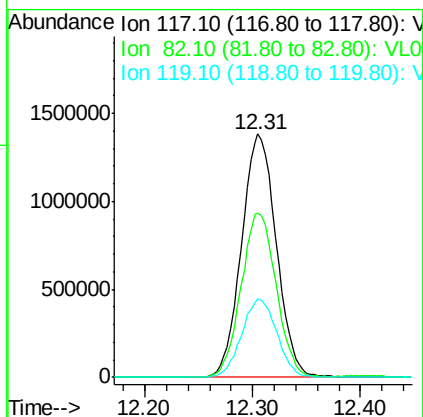
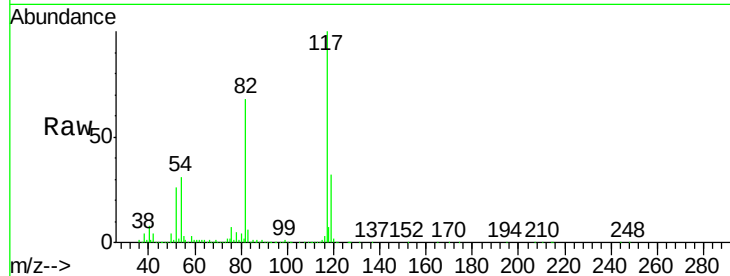
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.31 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VL032374.D
Acq: 16 Aug 2018 6:38

Instrument :
MSVOA_L
ClientSampleId :
SG10-MIVI

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.3	55.1	82.7
119	32.6	46.0	69.0#

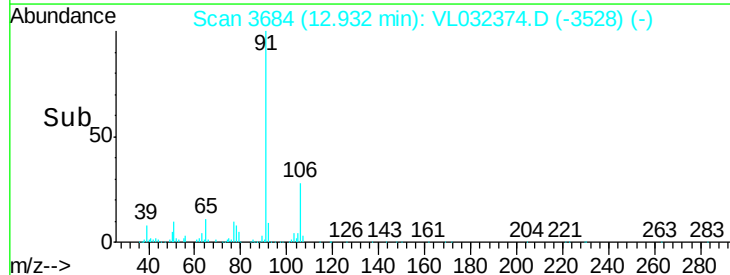
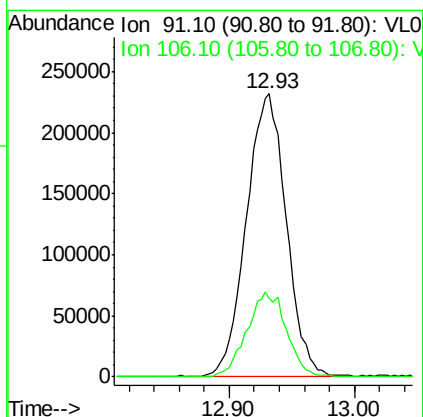
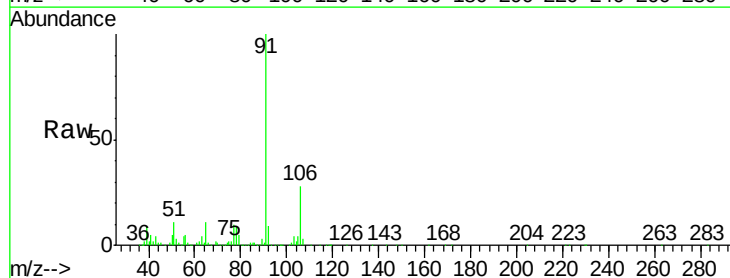
Manual Integrations
APPROVED

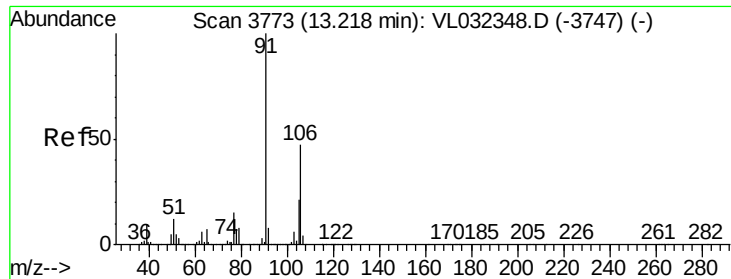
MMDadoda
8/17/2018 2:06:58 PM



#58
Ethyl Benzene
Concen: 1.37 ppbv
RT: 12.93 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VL032374.D
Acq: 16 Aug 2018 6:38

Tgt Ion	Ratio	Lower	Upper
91	100		
106	27.8	24.3	36.5





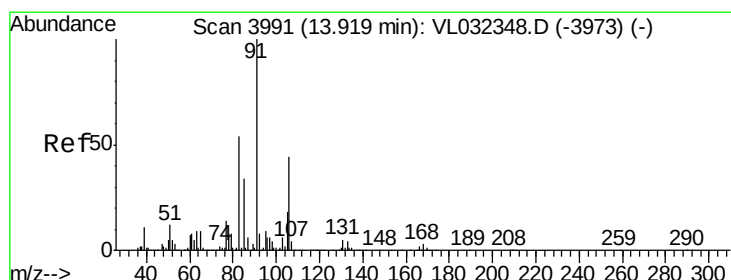
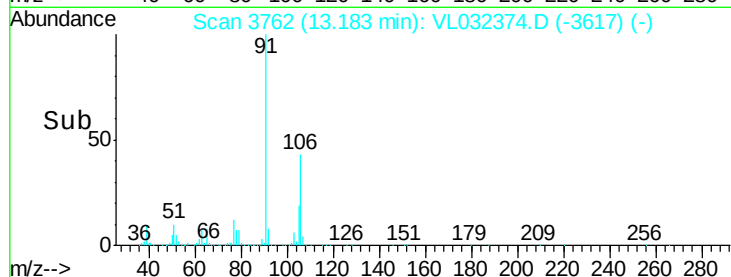
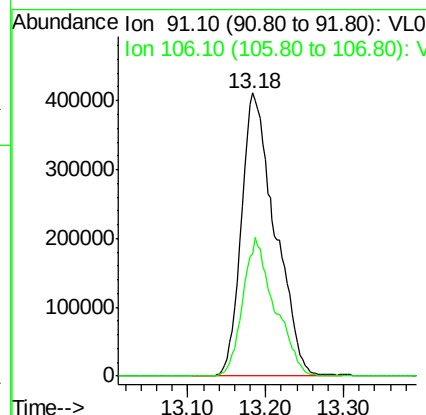
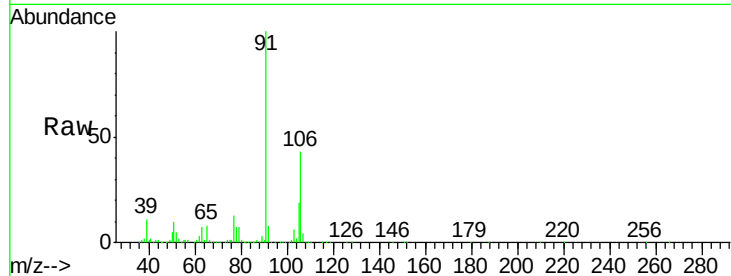
#59
m/p-Xylene
Concen: 3.89 ppbv m
RT: 13.18 min Scan# 3762
Delta R.T. -0.04 min
Lab File: VL032374.D
Acq: 16 Aug 2018 6:38

Instrument :
MSVOA_L
ClientSampleId :
SG10-MIVI

Tot Ion: 91 Resp: 1234255
Ion Ratio Lower Upper
91 100
106 0.0 37.0 55.4#

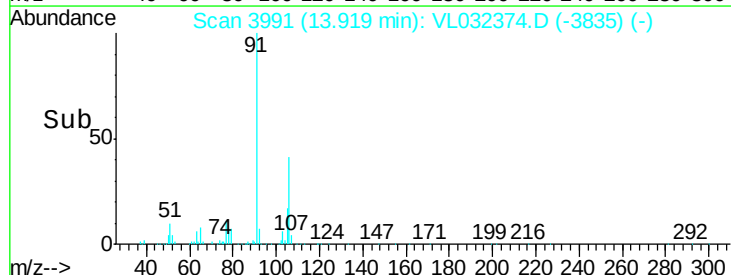
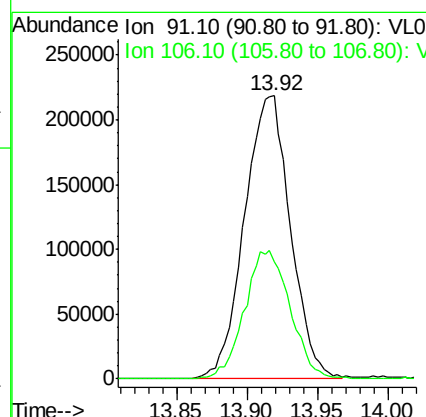
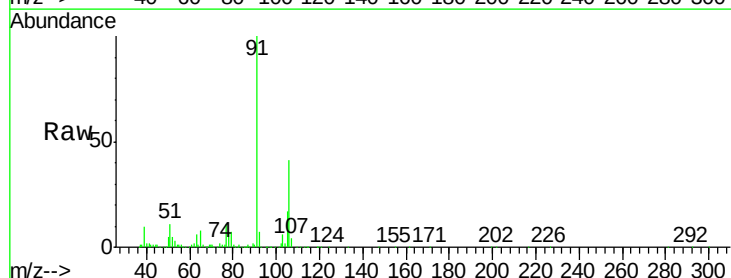
Manual Integrations
APPROVED

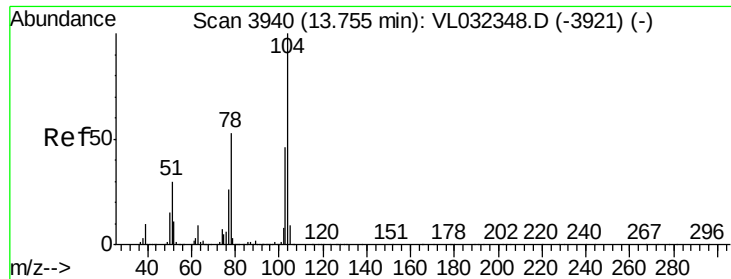
MMDadoda
8/17/2018 2:06:58 PM



#60
o-Xylene
Concen: 1.59 ppbv
RT: 13.92 min Scan# 3991
Delta R.T. 0.00 min
Lab File: VL032374.D
Acq: 16 Aug 2018 6:38

Tgt Ion: 91 Resp: 494556
Ion Ratio Lower Upper
91 100
106 45.4 22.3 66.8





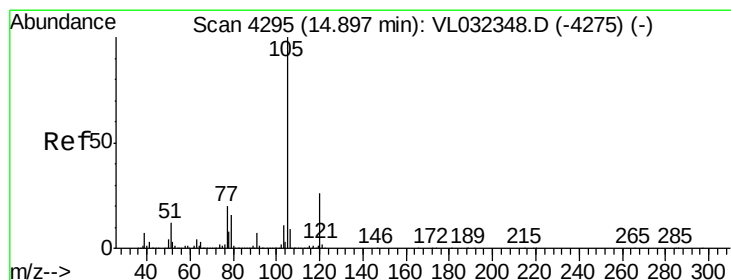
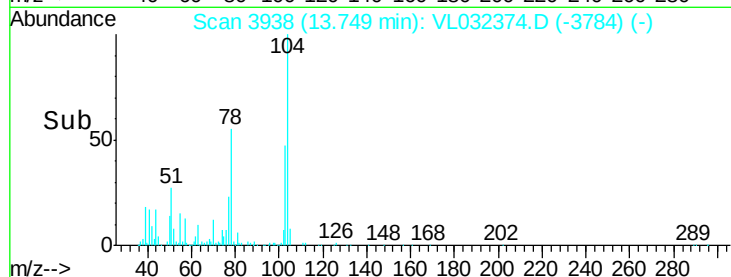
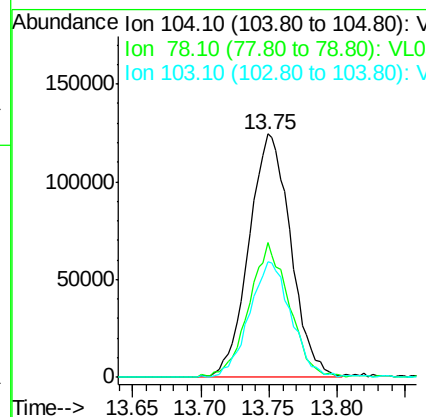
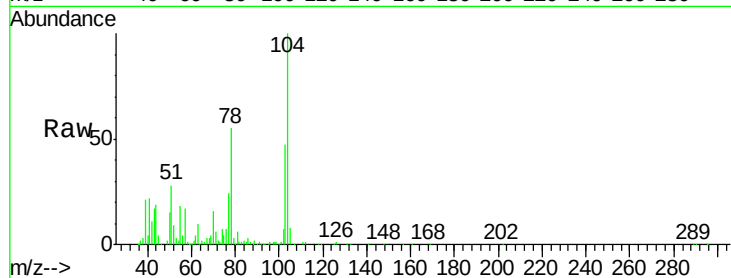
#61
Stvrene
Concen: 1.21 ppbv
RT: 13.75 min Scan# 3938
Delta R.T. -0.01 min
Lab File: VL032374.D
Acq: 16 Aug 2018 6:38

Instrument :
MSVOA_L
ClientSampleId :
SG10-MIVI

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.0	42.6	64.0
103	47.9	38.0	57.0

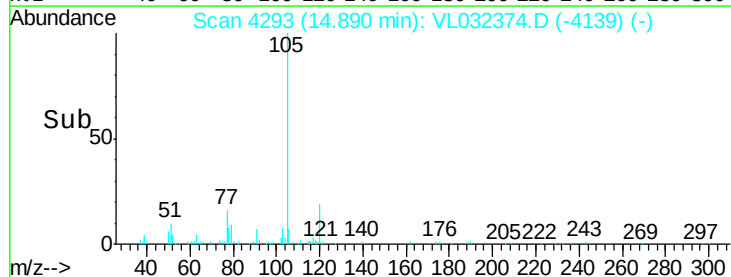
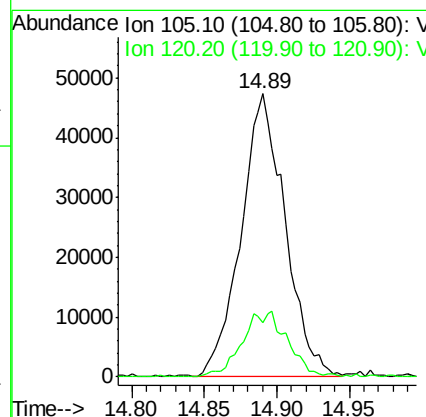
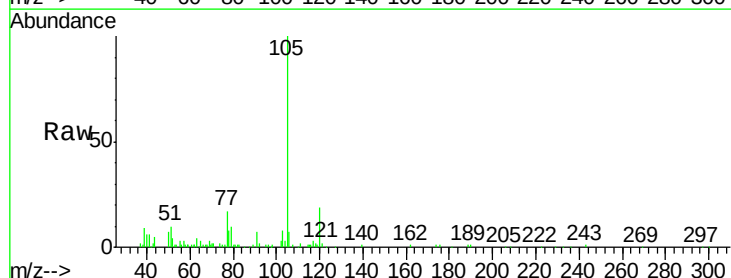
Manual Integrations
APPROVED

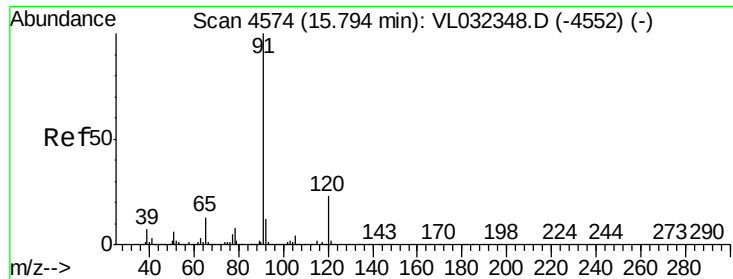
MMDadoda
8/17/2018 2:06:58 PM



#62
Isopropylbenzene
Concen: 0.22 ppbv
RT: 14.89 min Scan# 4293
Delta R.T. -0.01 min
Lab File: VL032374.D
Acq: 16 Aug 2018 6:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.3	20.6	30.8





#64

n-propylbenzene

Concen: 0.14 ppbv m

RT: 15.78 min Scan# 4570

Delta R.T. -0.01 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

Instrument :

MSVOA_L

ClientSampleId :

SG10-MIVI

Tot Ion:120 Resp: 16600

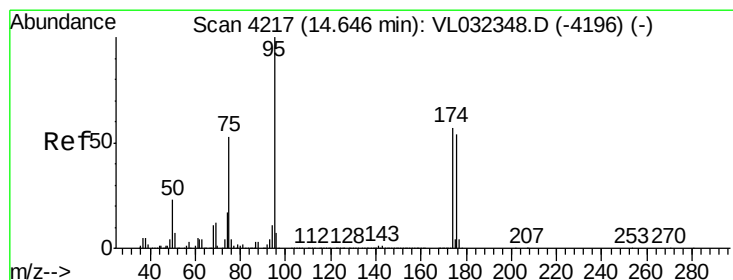
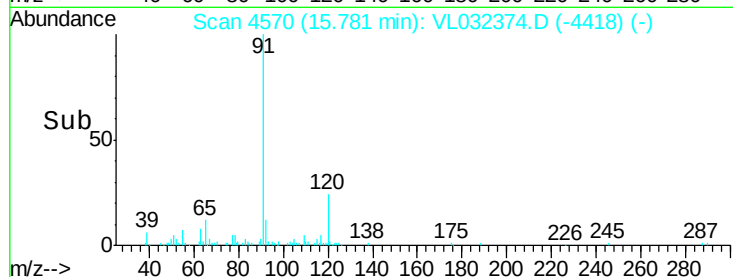
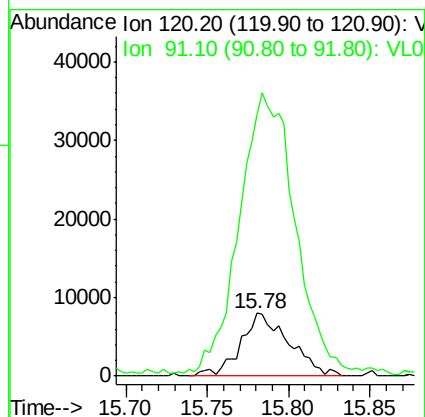
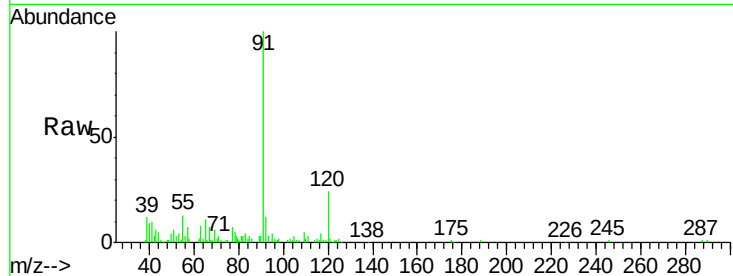
Ion Ratio Lower Upper

120 100

91 0.0 382.2 573.2#

Manual Integrations
APPROVED

MMDadoda
8/17/2018 2:06:58 PM



#68

1-Bromo-4-Fluorobenzene

Concen: 10.18 ppbv

RT: 14.64 min Scan# 4216

Delta R.T. -0.00 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

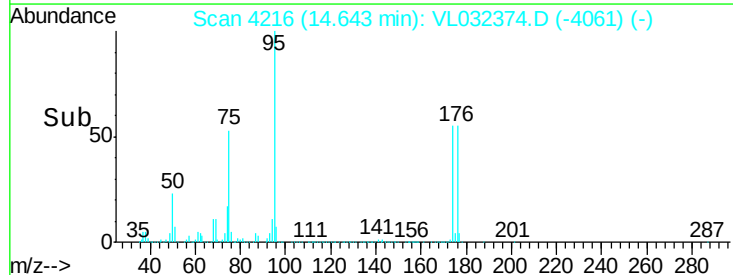
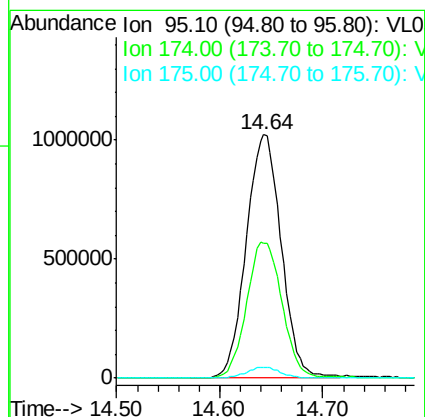
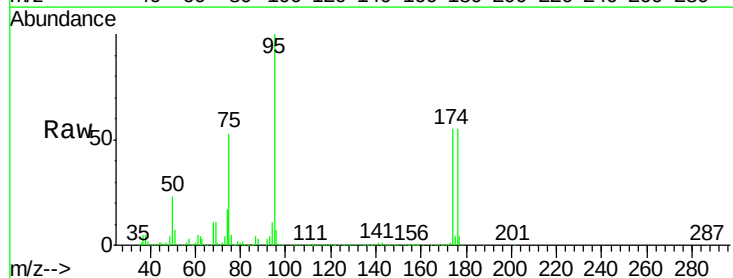
Tgt Ion: 95 Resp: 2407231

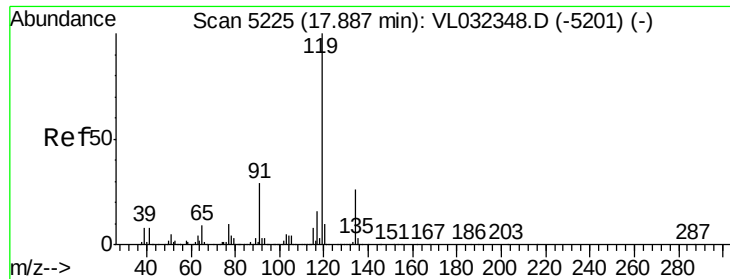
Ion Ratio Lower Upper

95 100

174 57.4 46.2 69.4

175 4.3 3.4 5.0





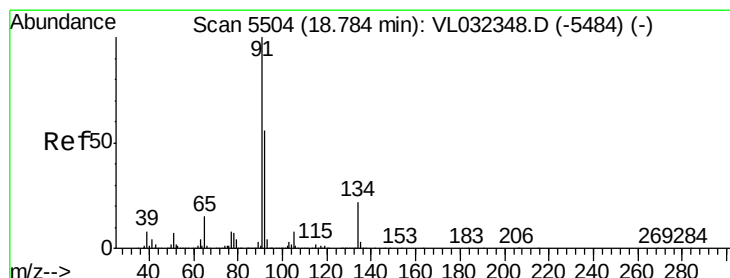
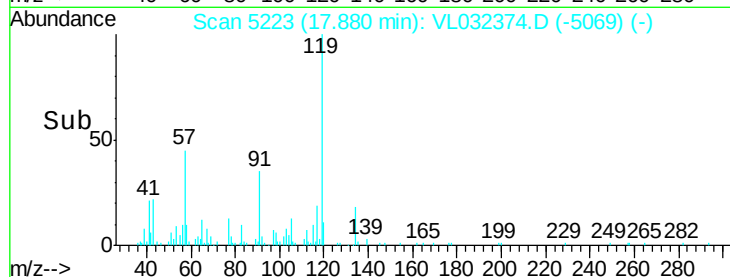
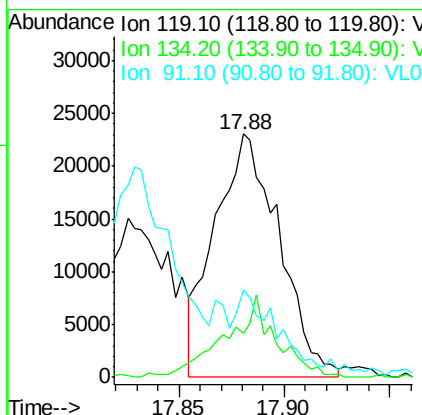
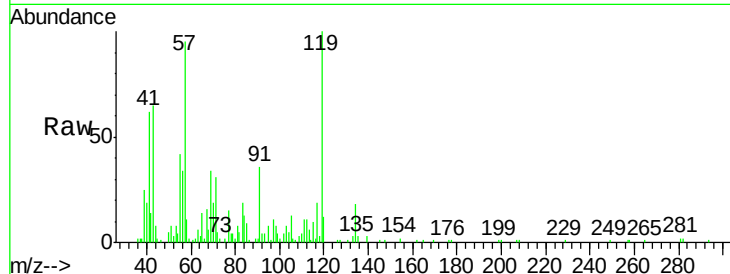
#69
 p-Isopropyltoluene
 Concen: 0.11 ppbv
 RT: 17.88 min Scan# 5223
 Delta R.T. -0.01 min
 Lab File: VL032374.D
 Acq: 16 Aug 2018 6:38

Instrument :
 MSVOA_L
 ClientSampleId :
 SG10-MIVI

Tot Ion	Ratio	Resp	Lower	Upper
119	100	48934		
134	26.6	20.4	30.6	
91	22.8	23.6	35.4	

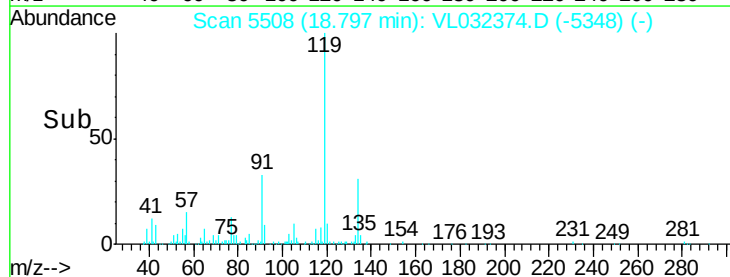
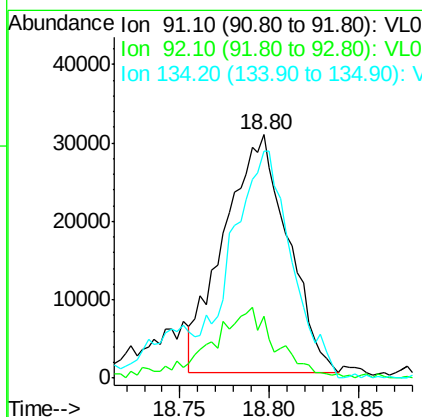
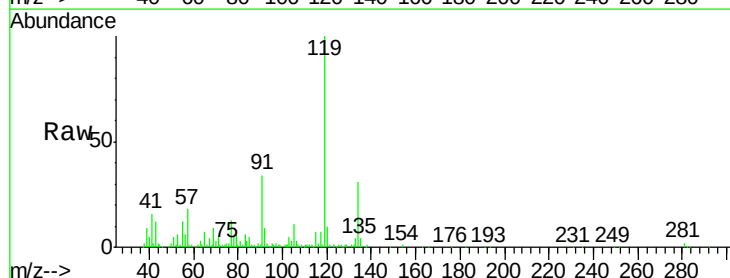
Manual Integrations
 APPROVED

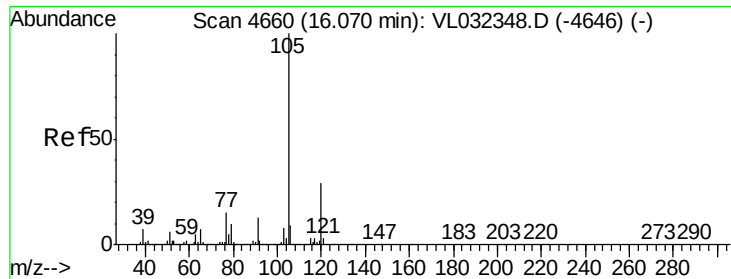
MMDadoda
 8/17/2018 2:06:58 PM



#70
 n-Butylbenzene
 Concen: 0.16 ppbv
 RT: 18.80 min Scan# 5508
 Delta R.T. 0.01 min
 Lab File: VL032374.D
 Acq: 16 Aug 2018 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	75812		
92	32.4	43.9	65.9	
134	106.6	17.3	25.9	





#72

4-Ethyltoluene

Concen: 0.28 ppbv

RT: 16.07 min Scan# 4659

Delta R.T. -0.00 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

Instrument :

MSVOA_L

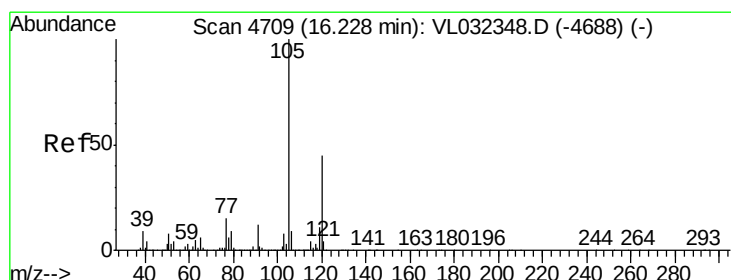
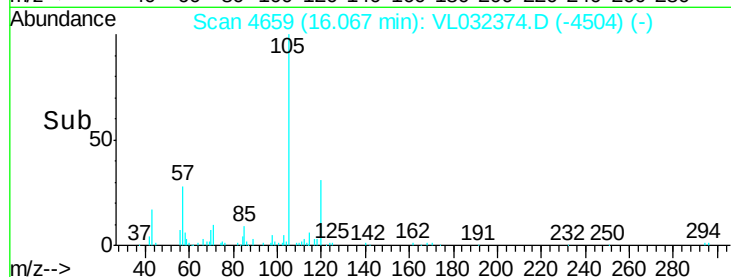
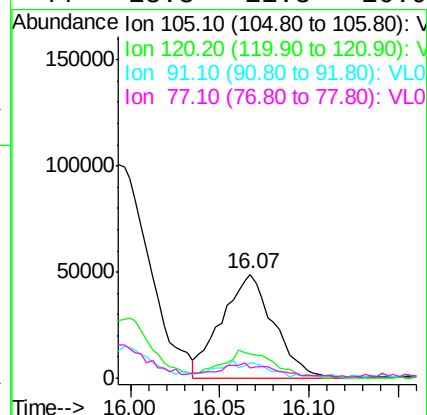
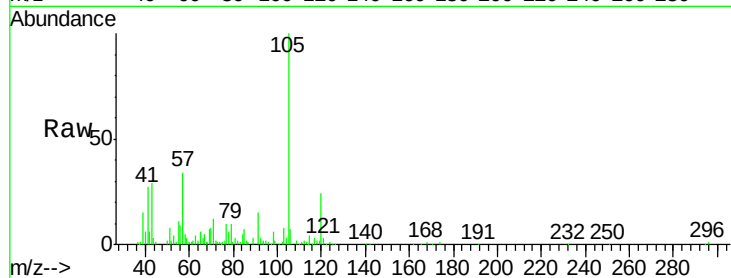
ClientSampleId :

SG10-MIVI

Tot Ion	Ratio	Resp	Lower	Upper
105	100	97799		
120	26.8		23.4	35.0
91	14.3		10.0	15.0
77	13.3		11.3	16.9

Manual Integrations
APPROVED

MMDadoda
8/17/2018 2:06:58 PM



#73

1,3,5-Trimethylbenzene

Concen: 0.84 ppbv

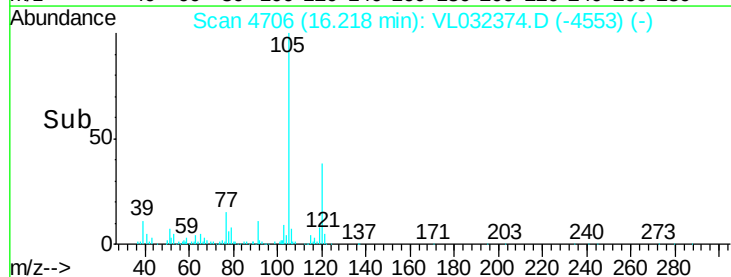
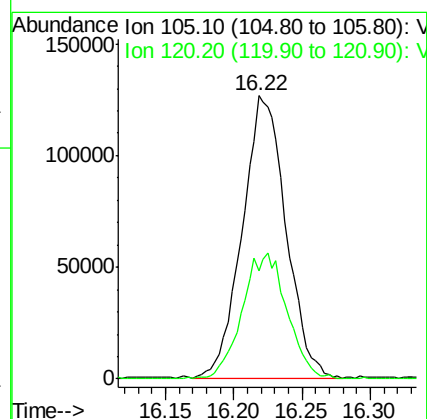
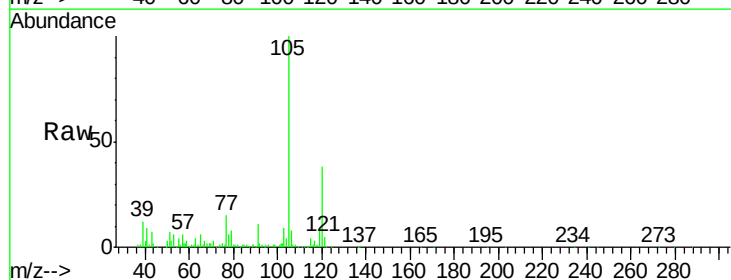
RT: 16.22 min Scan# 4706

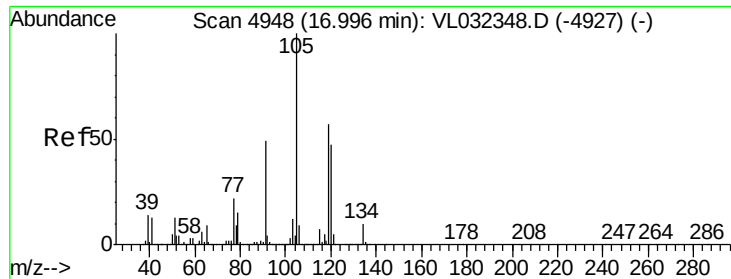
Delta R.T. -0.01 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	280607		
120	38.0		36.3	54.5





#74

1,2,4-Trimethylbenzene

Concen: 1.64 ppbv

RT: 16.99 min Scan# 4945

Delta R.T. -0.01 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

Instrument :

MSVOA_L

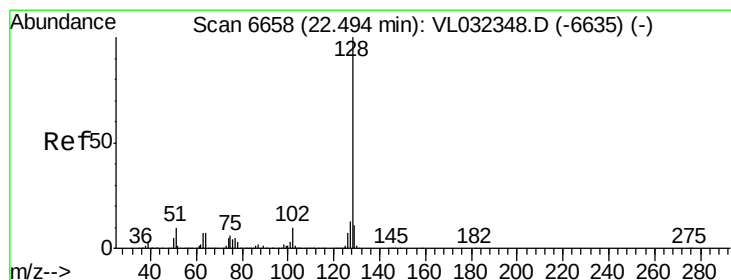
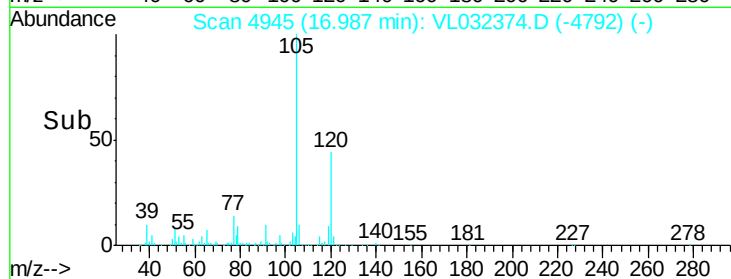
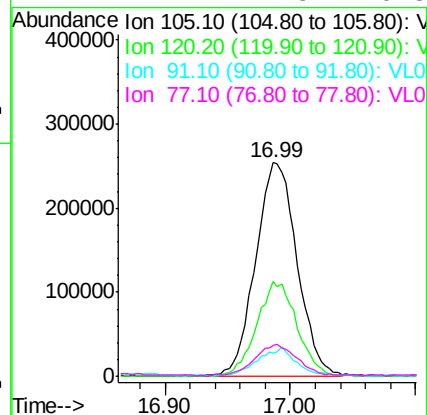
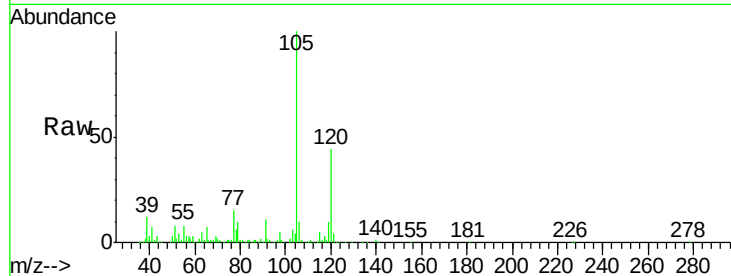
ClientSampleId :

SG10-MIVI

Tot Ion	Ratio	Resp Lower	Upper
105	100		
120	44.2	37.6	56.4
91	10.2	39.9	59.9#
77	14.1	17.8	26.8#

Manual Integrations
APPROVED

MMDadoda
8/17/2018 2:06:58 PM



#79

Naphthalene

Concen: 0.81 ppbv

RT: 22.50 min Scan# 6659

Delta R.T. 0.00 min

Lab File: VL032374.D

Acq: 16 Aug 2018 6:38

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
127	15.6	10.3	15.5#
129	12.9	8.6	13.0

