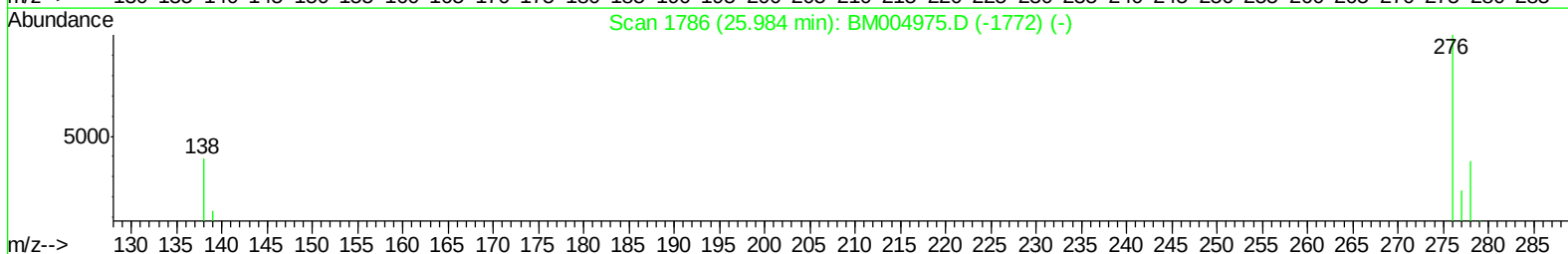
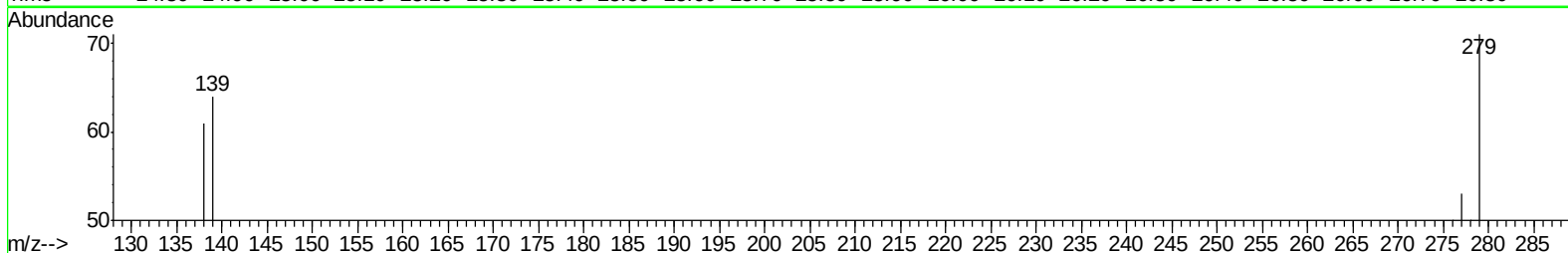
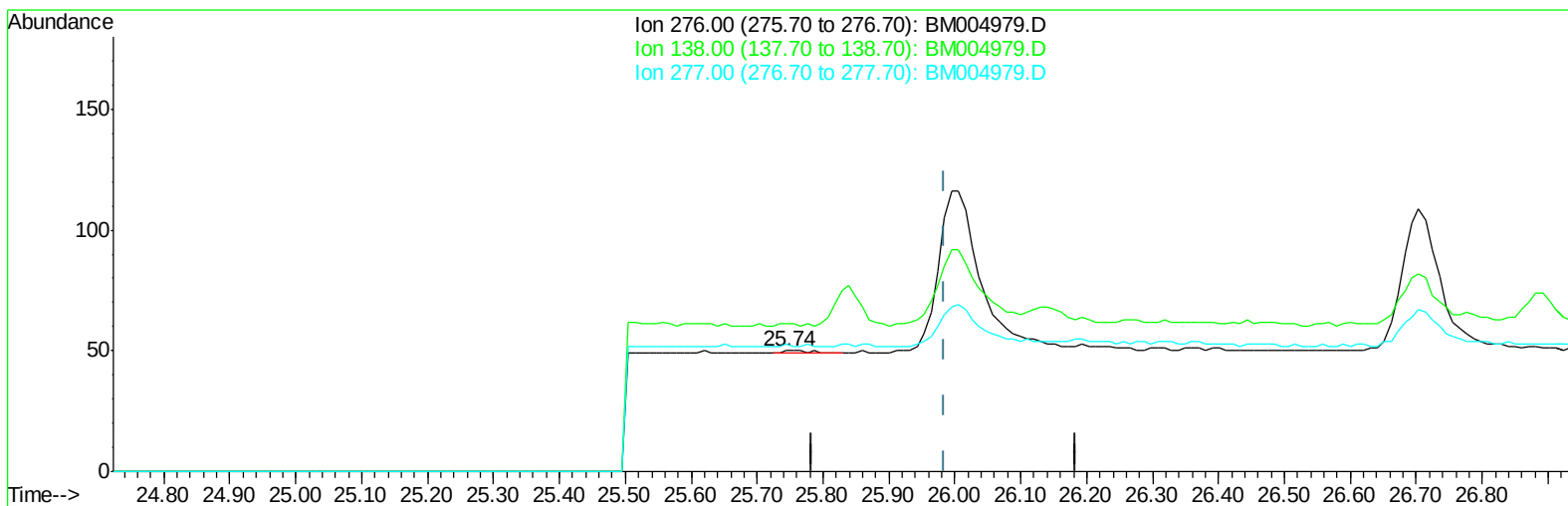


Data Path : Z:\HPCHEM1\BNA M\DATA\BM041816\
Data File : BM004979.D
Acq On : 18 Apr 2016 18:55
Operator : UM/SJ
Sample : H2275-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 19 08:54:40 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 08:25:48 2016
Response via : Initial Calibration



TIC: BM004979.D

(26) Indeno(1,2,3-cd)pyrene

25.745min (-0.240) 0.00ng/ul

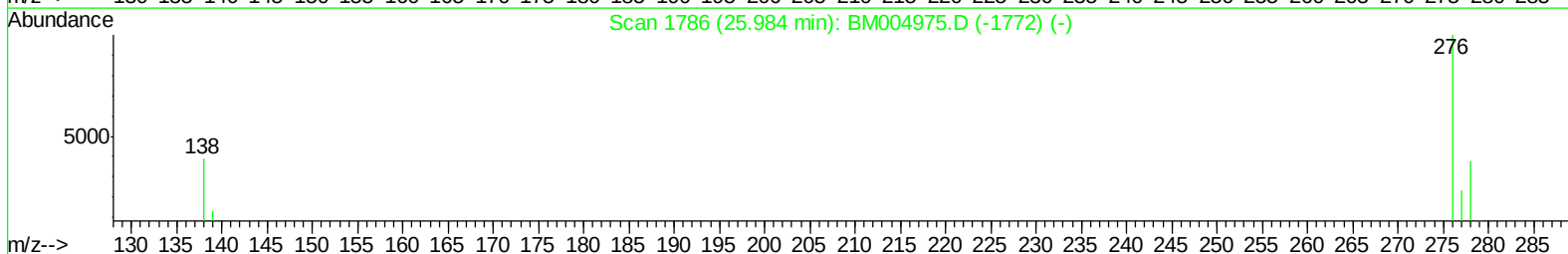
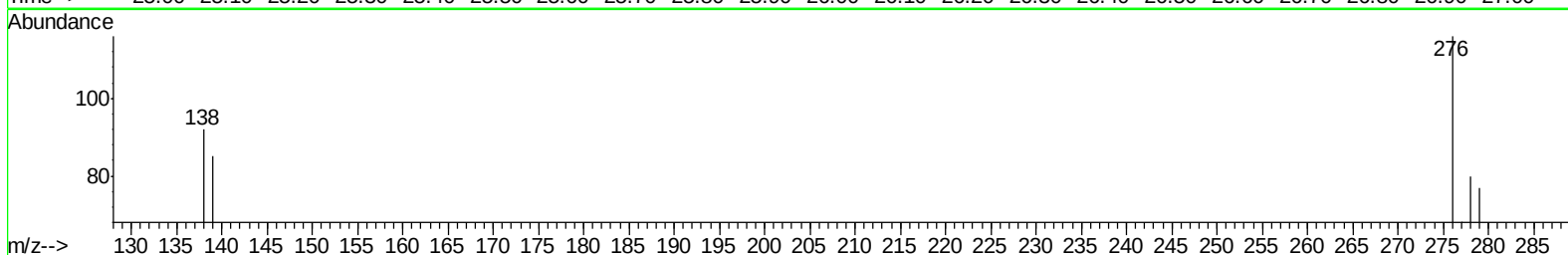
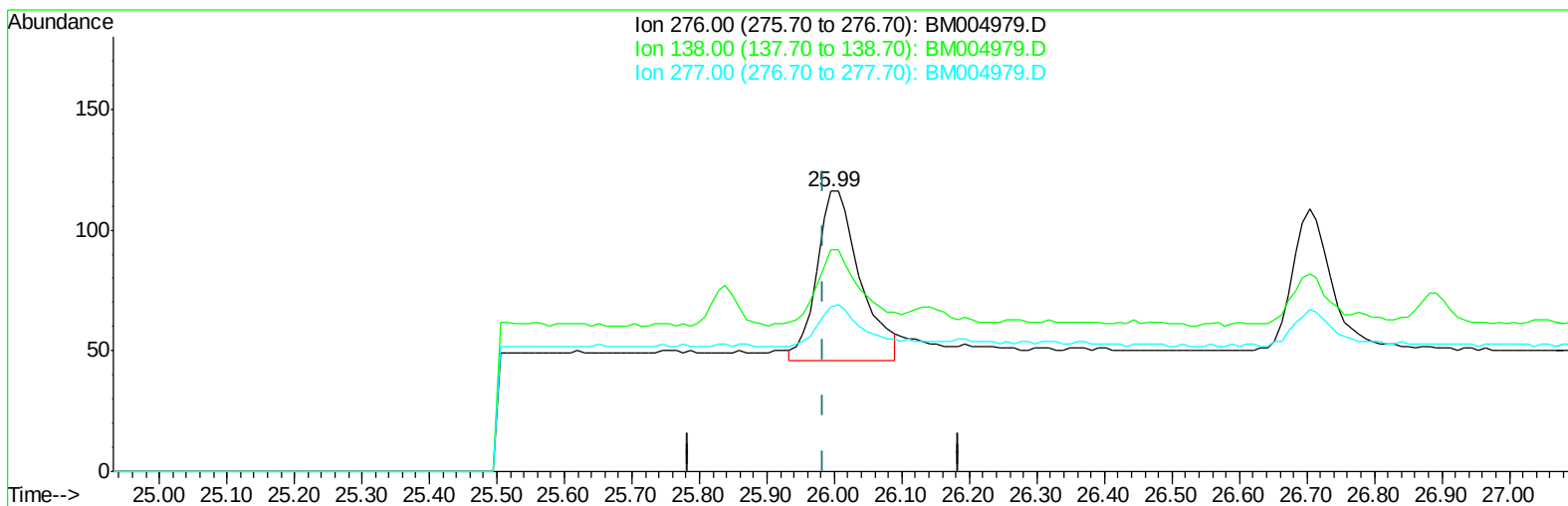
response 3

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	66.67#
277.00	24.80	33.33#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041816\
Data File : BM004979.D
Acq On : 18 Apr 2016 18:55
Operator : UM/SJ
Sample : H2275-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 19 08:54:40 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 08:25:48 2016
Response via : Initial Calibration



TIC: BM004979.D

(26) Indeno(1,2,3-cd)pyrene

25.995min (+0.011) 0.04ng/ul m

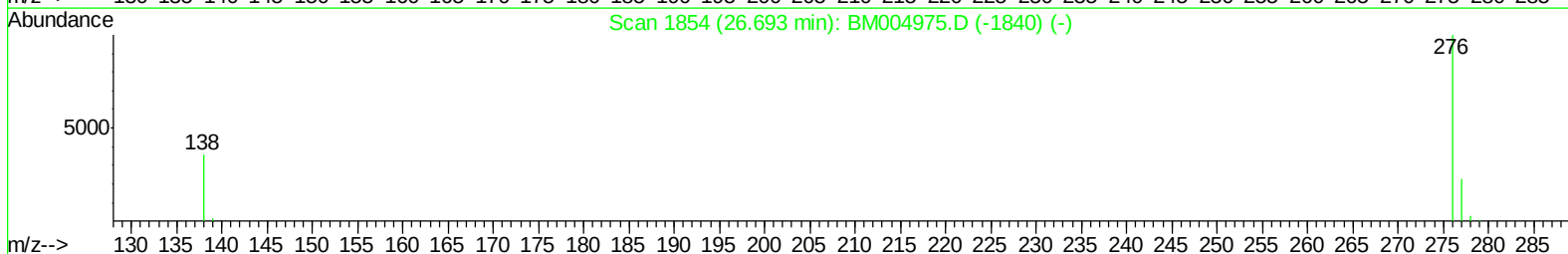
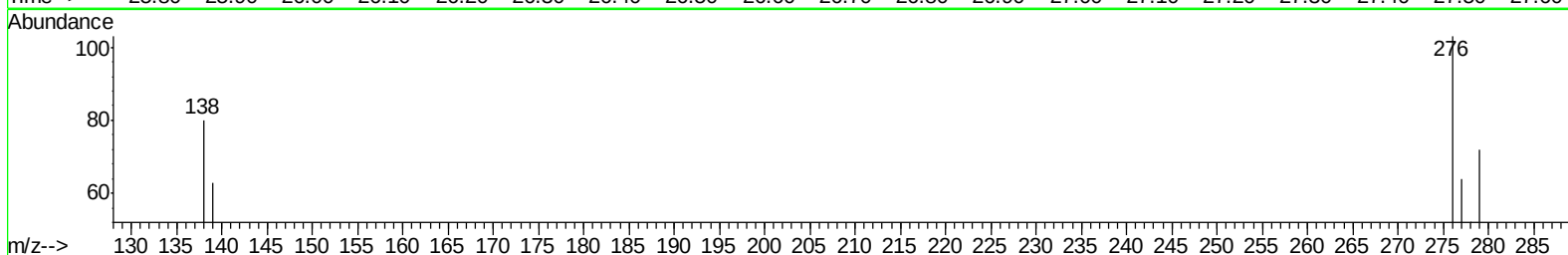
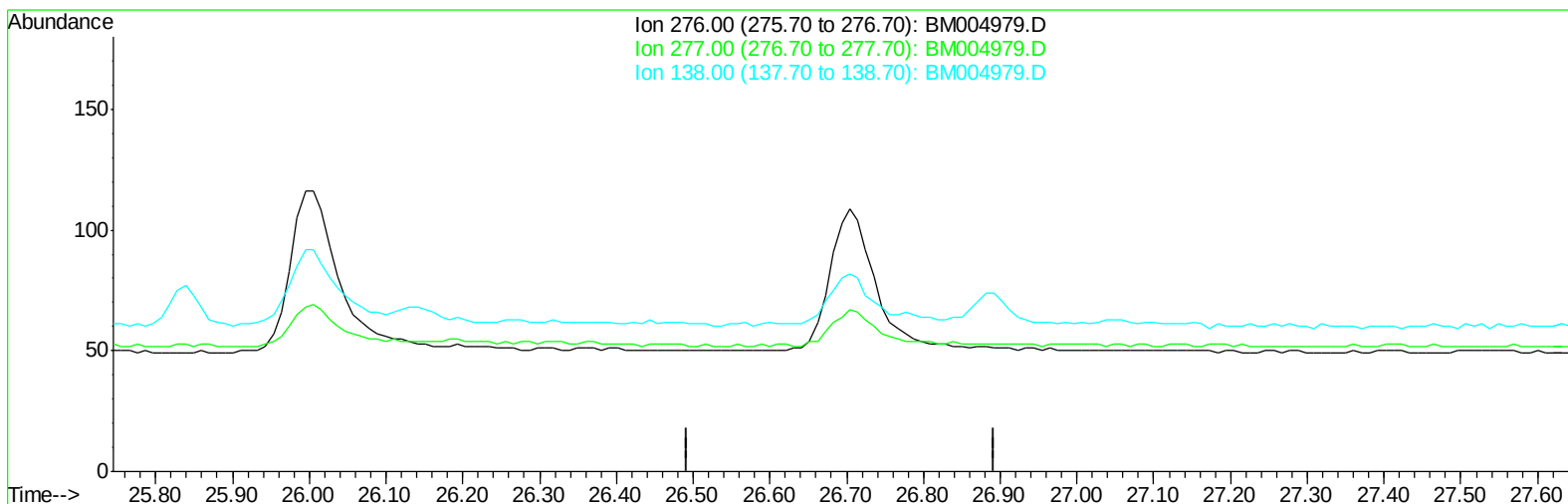
response 314

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	0.64#
277.00	24.80	0.32#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041816\
Data File : BM004979.D
Acq On : 18 Apr 2016 18:55
Operator : UM/SJ
Sample : H2275-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 19 08:54:40 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 08:25:48 2016
Response via : Initial Calibration



TIC: BM004979.D

(28) Benzo(g,h,i)perylene

26.693min (-26.693) 0.00ng/ul

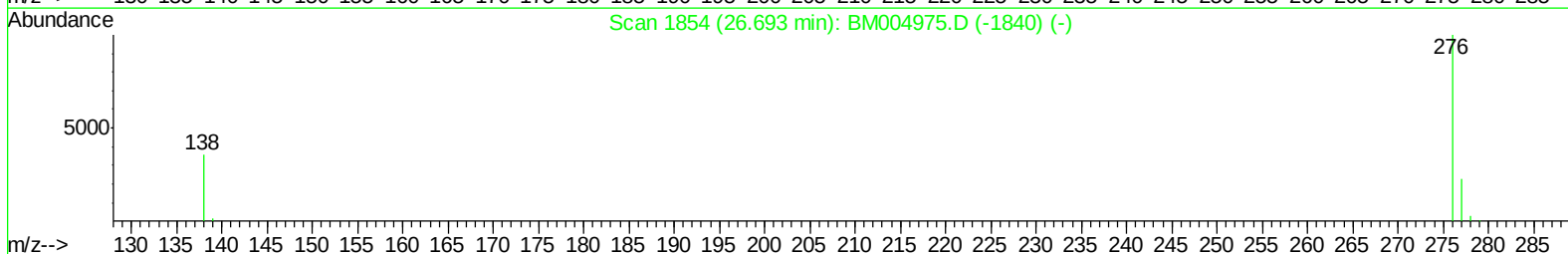
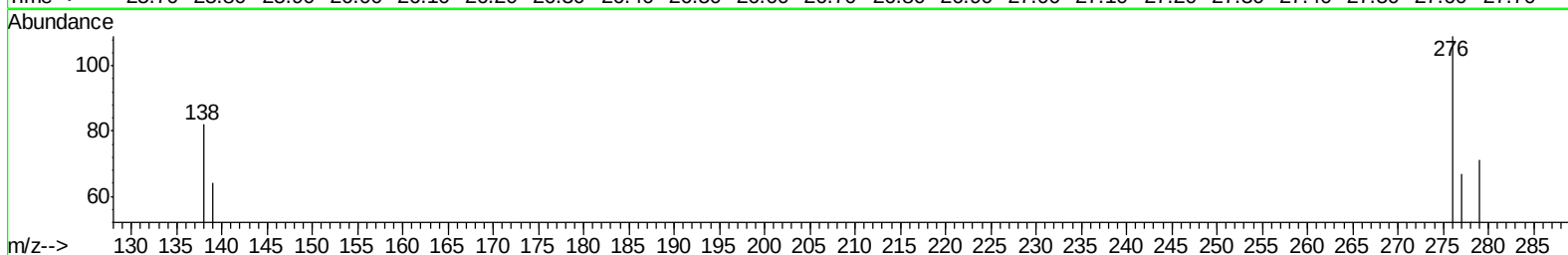
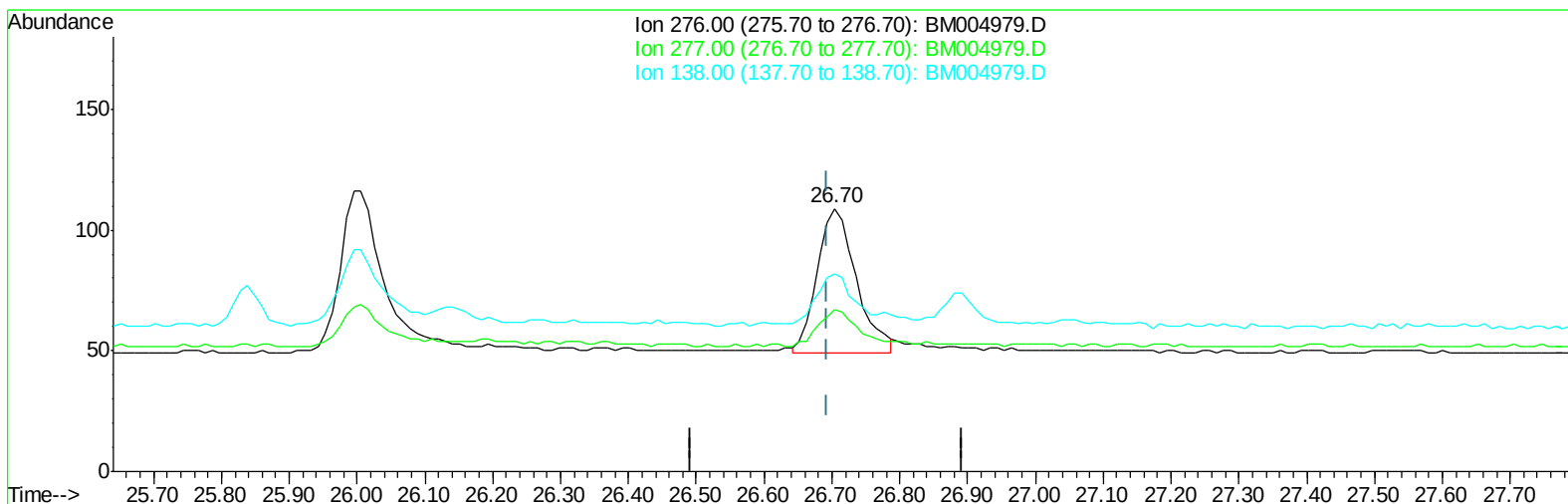
response 0

Ion	Exp%	Act%
276.00	100	0.00
277.00	23.60	0.00#
138.00	28.10	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041816\
Data File : BM004979.D
Acq On : 18 Apr 2016 18:55
Operator : UM/SJ
Sample : H2275-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 19 08:54:40 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 08:25:48 2016
Response via : Initial Calibration



TIC: BM004979.D

(28) Benzo(g,h,i)perylene

26.704min (+0.011) 0.03ng/ul m

response 240

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	61.47#
138.00	28.10	75.23#
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041916\
 Data File : VL027551.D
 Acq On : 19 Apr 2016 14:24
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 20 01:24:01 2016
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041916AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 20 01:21:11 2016
 QLast Update : Wed Apr 20 01:21:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.65	49	1158297	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.33	114	2887340	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.74	117	3919966	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.29	95	2243552	7.57	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	75.70%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.64	85	1310900	9.67	ppbv	100
3) Chlorodifluoromethane	3.57	51	1207209	8.81	ppbv	100
4) Chloromethane	3.75	50	727175	9.43	ppbv	100
5) Vinyl Chloride	3.89	62	748008	9.32	ppbv	100
6) Bromomethane	4.14	94	505969	9.89	ppbv	100
7) Chloroethane	4.24	64	326068	9.77	ppbv	100
8) Dichlorotetrafluoroethane	3.81	85	1724104	9.69	ppbv	100
9) Propene	3.60	41	629616	8.95	ppbv	100
10) Heptane	9.35	43	2037005	8.92	ppbv	100
11) Trichlorofluoromethane	4.69	101	2015698	10.22	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	5.30	101	1336350	10.04	ppbv	100
13) Ethanol	4.32	45	79584	8.31	ppbv	99
14) Bromoethene	4.45	108	557412	9.82	ppbv	100
15) Acetone	4.60	43	1309648	8.44	ppbv	100
16) 1,3-Butadiene	3.97	39	704347	8.93	ppbv	100
17) tert-Butyl alcohol	5.12	59	1238864	9.84	ppbv	100
18) 1,1-Dichloroethene	5.09	96	626083	10.01	ppbv	100
19) Isopropyl Alcohol	4.75	45	708774	10.23	ppbv	100
20) Methylene Chloride	5.15	84	572567	9.54	ppbv	100
21) Allyl Chloride	5.23	41	1044946	9.71	ppbv	100
22) trans-1,2-Dichloroethene	5.76	96	776327	9.68	ppbv	100
23) Vinyl Acetate	5.98	43	2822054	9.41	ppbv	100
24) 1,1-Dichloroethane	5.91	63	1744941	9.60	ppbv	100
25) Ethyl Acetate	6.67	43	2939018	9.24	ppbv	100
26) Hexane	6.66	57	1428626	9.15	ppbv	100
27) Carbon Disulfide	5.39	76	1778539	10.03	ppbv	100
28) Methyl tert-Butyl Ether	5.95	73	2322103	9.41	ppbv	100
29) Chloroform	6.75	83	1944831	9.80	ppbv	100
30) Cyclohexane	8.28	84	1241346	8.95	ppbv	100
31) cis-1,2-Dichloroethene	6.52	61	1304477	9.65	ppbv	100
32) 1,1,1-Trichloroethane	7.60	97	1909592	9.47	ppbv	100
34) 2-Butanone	6.20	43	1846574	9.44	ppbv	100
35) Carbon Tetrachloride	8.16	117	1895351	9.37	ppbv	100
36) Benzene	8.02	78	2933448	9.12	ppbv	100
37) 1,2-Dichloroethane	7.37	62	1606261	9.98	ppbv	100
38) Trichloroethene	9.06	130	1125868	8.86	ppbv	100
39) 1,2-Dichloropropane	8.82	63	1063467	9.13	ppbv	100
40) 1,4-Dioxane	9.12	88	197962	10.69	ppbv	100
41) Tetrahydrofuran	7.12	42	1093910	9.39	ppbv	100
42) Bromodichloromethane	9.02	83	2130419	9.57	ppbv	100
43) Methyl Methacrylate	9.26	69	1101853	9.26	ppbv	100

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041916\
 Data File : VL027551.D
 Acq On : 19 Apr 2016 14:24
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 20 01:24:01 2016
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041916AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 20 01:21:11 2016
 QLast Update : Wed Apr 20 01:21:11 2016
 Response via : Initial Calibration

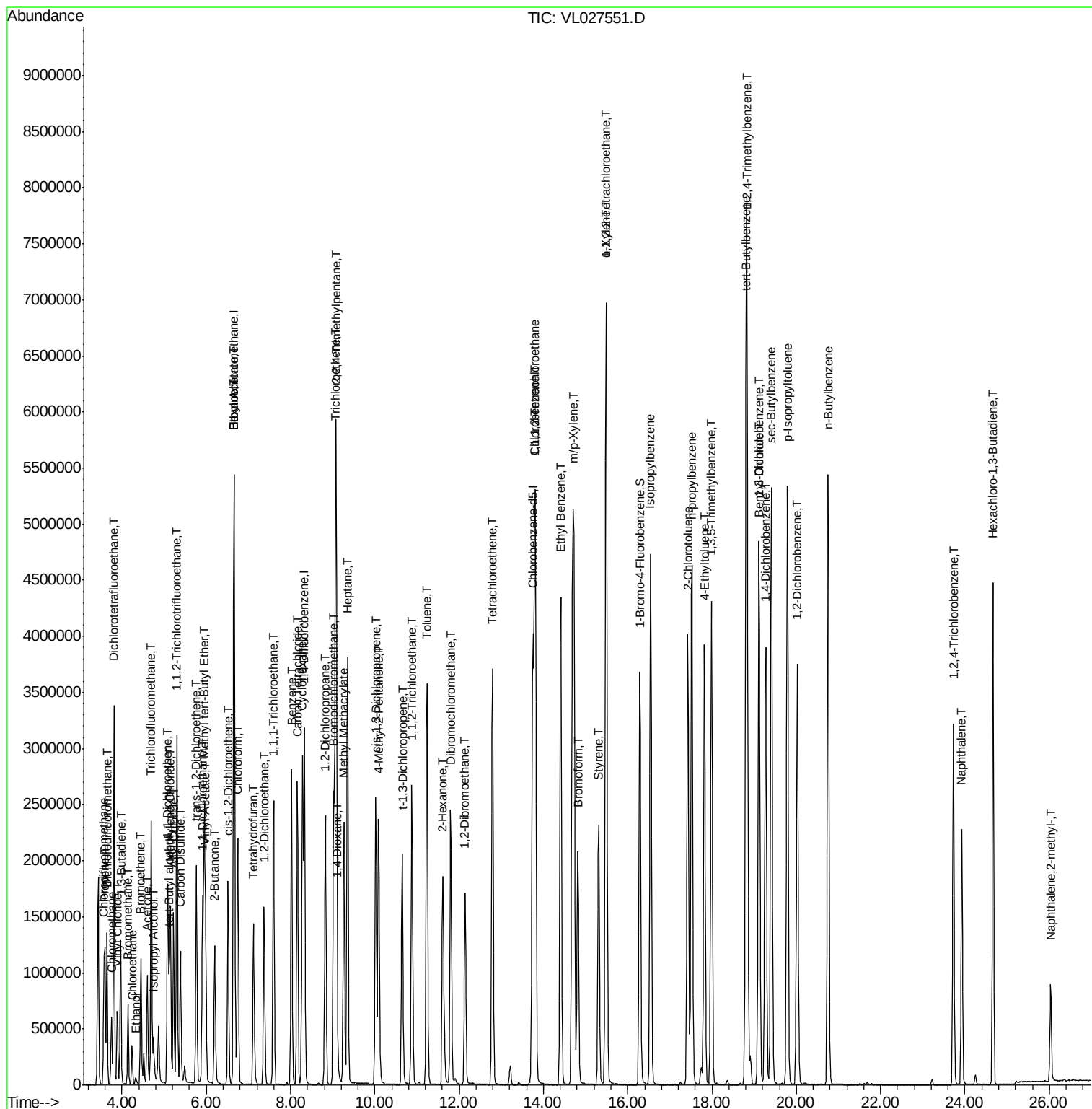
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	9.09	57	4853873	8.91	ppbv	100
45) t-1,3-Dichloropropene	10.65	75	1561033	9.61	ppbv	100
46) cis-1,3-Dichloropropene	10.02	75	1863553	9.31	ppbv	100
47) 1,1,2-Trichloroethane	10.88	97	1212579	9.45	ppbv	100
48) Dibromochloromethane	11.80	129	1855935	9.97	ppbv	100
49) Bromoform	14.82	173	1487250	10.18	ppbv	100
50) 4-Methyl-2-Pentanone	10.09	43	2463160	9.17	ppbv	100
51) 2-Hexanone	11.61	43	2310397	9.36	ppbv	100
52) Tetrachloroethene	12.79	164	1155780	9.00	ppbv	100
53) Toluene	11.23	91	3615953	9.10	ppbv	100
54) 1,2-Dibromoethane	12.14	107	1809935	9.60	ppbv	100
56) 1,1,1,2-Tetrachloroethane	13.79	131	1362422	7.86	ppbv	100
57) Chlorobenzene	13.81	112	2845527	7.50	ppbv	100
58) Ethyl Benzene	14.41	91	5017471	7.52	ppbv	100
59) m/p-Xylene	14.71	91	3635656	6.93	ppbv #	17
60) o-Xylene	15.49	91	4068732	7.51	ppbv	100
61) Styrene	15.31	104	1787294	7.62	ppbv	100
62) Isopropylbenzene	16.54	105	5186777	7.49	ppbv	100
63) 1,1,2,2-Tetrachloroethane	15.49	83	2657999	7.11	ppbv	100
64) n-propylbenzene	17.52	120	1372786	7.50	ppbv	98
65) tert-Butylbenzene	18.81	119	4517053	7.42	ppbv	100
66) Benzyl Chloride	19.10	91	1694673	7.67	ppbv	100
67) sec-Butylbenzene	19.41	105	6301133	7.40	ppbv	100
69) p-Isopropyltoluene	19.78	119	5113896	7.43	ppbv	100
70) n-Butylbenzene	20.75	91	5194651	7.30	ppbv	100
71) 2-Chlorotoluene	17.43	91	3961762	7.42	ppbv	100
72) 4-Ethyltoluene	17.82	105	4309254	7.54	ppbv	100
73) 1,3,5-Trimethylbenzene	17.99	105	4053279	7.49	ppbv	100
74) 1,2,4-Trimethylbenzene	18.83	105	4140395	7.44	ppbv	100
75) 1,3-Dichlorobenzene	19.12	146	2506165	7.61	ppbv	100
76) 1,4-Dichlorobenzene	19.27	146	2528868	7.55	ppbv	100
77) 1,2-Dichlorobenzene	20.02	146	2420738	7.44	ppbv	100
78) Hexachloro-1,3-Butadiene	24.67	225	861328	5.45	ppbv	100
79) Naphthalene	23.93	128	2328526	5.32	ppbv	100
80) Naphthalene, 2-methyl-	26.04	142	671081	8.55	ppbv	99
81) 1,2,4-Trichlorobenzene	23.73	180	1091400	5.61	ppbv	100

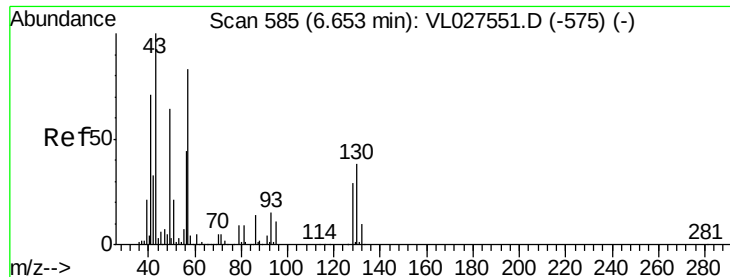
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041916\  
Data File : VL027551.D  
Acq On    : 19 Apr 2016  14:24  
Operator  : SY/AP  
Sample    : VSTDICCC010  
Misc      : 400mL/MSVOA L  
ALS Vial  : 1      Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 20 01:24:01 2016
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 20 01:21:11 2016
Qlast Update : Wed Apr 20 01:21:11 2016
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 585

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

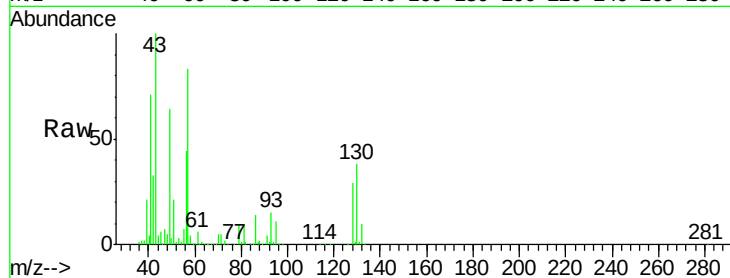
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 49 Resp: 1158297

Ion	Ratio	Lower	Upper
49	100		
128	46.5	23.3	69.8
130	59.5	29.8	89.3

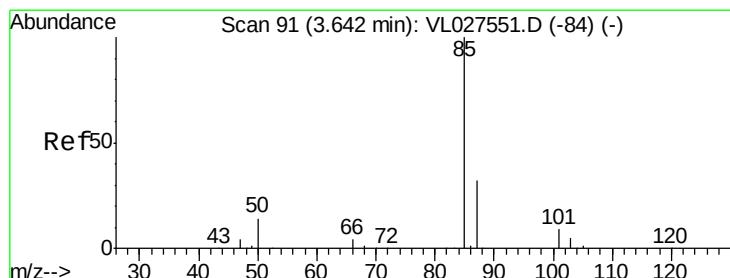
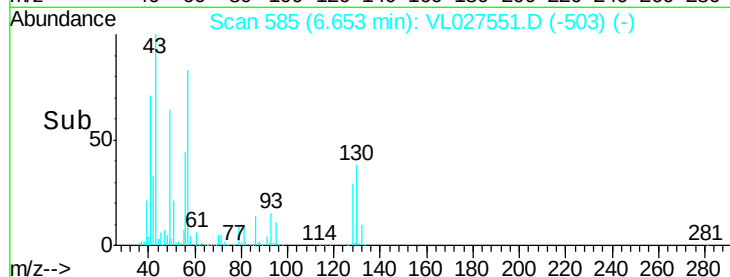


Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->



#2

Dichlorodifluoromethane

Concen: 9.67 ppbv

RT: 3.64 min Scan# 91

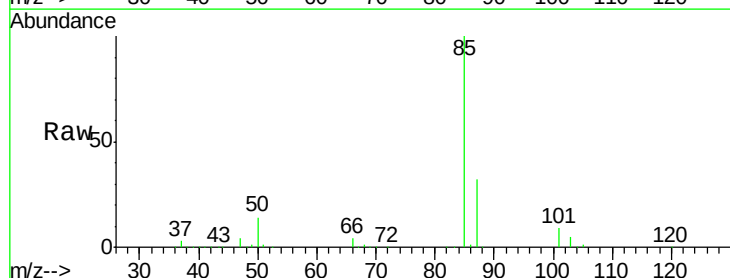
Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Tgt Ion: 85 Resp: 1310900

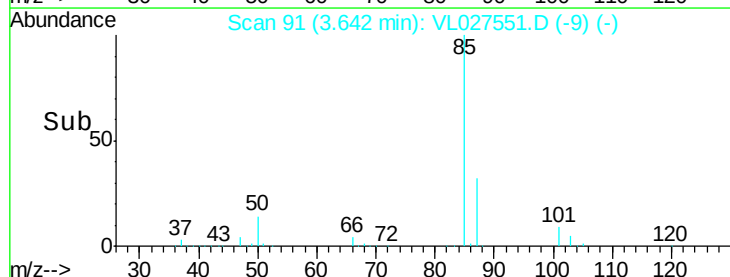
Ion	Ratio	Lower	Upper
85	100		
87	32.3	25.8	38.8

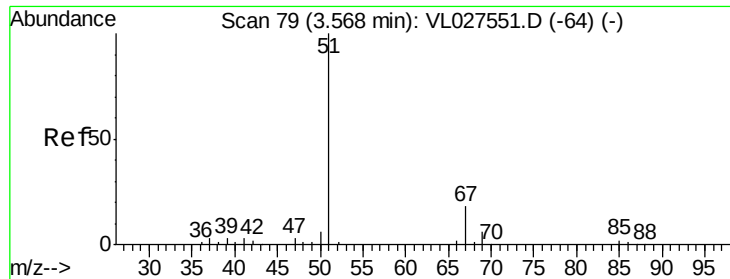


Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

Time-->

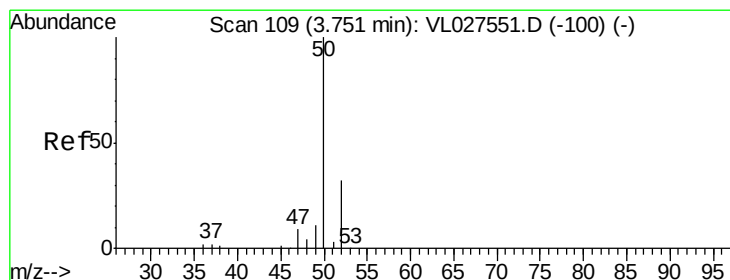
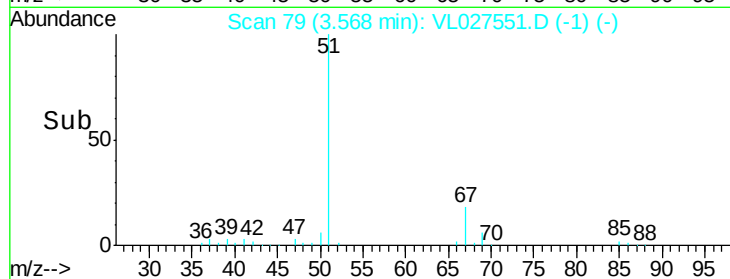
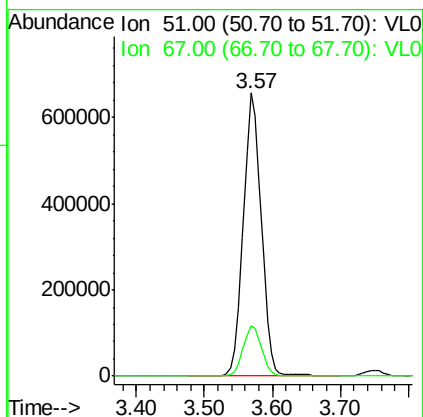
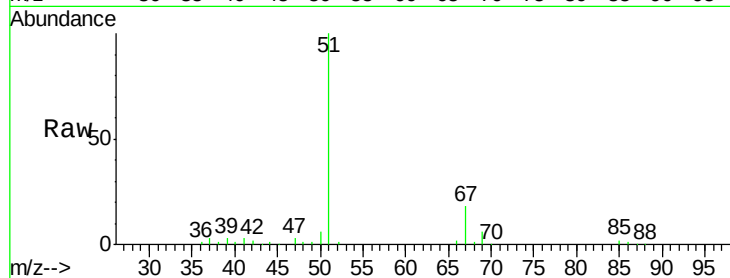




#3
Chlorodifluoromethane
Concen: 8.81 ppbv
RT: 3.57 min Scan# 79
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

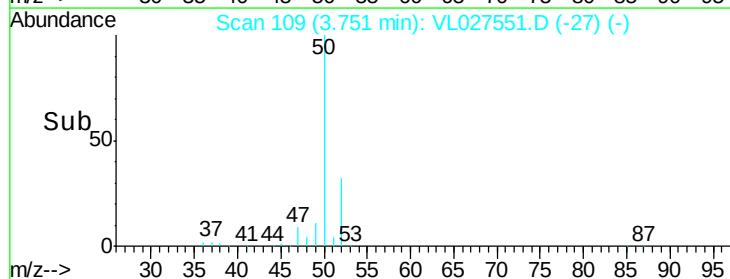
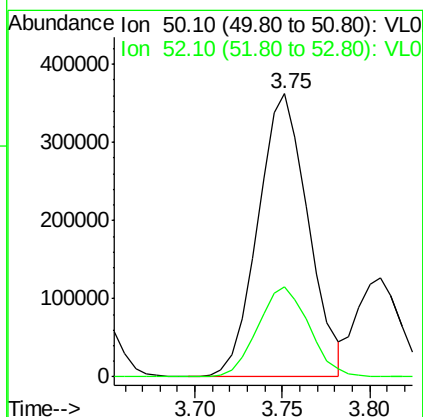
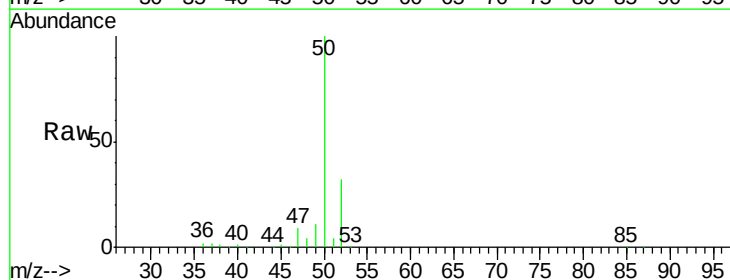
Instrument :
BNA_M
ClientSampleId :

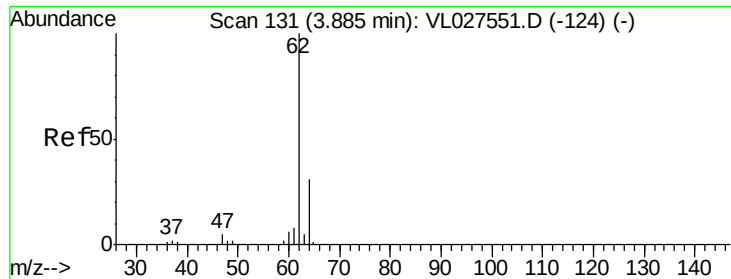
Tot Ion: 51 Resp: 1207209
Ion Ratio Lower Upper
51 100
67 18.3 14.6 22.0



#4
Chloromethane
Concen: 9.43 ppbv
RT: 3.75 min Scan# 109
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

Tgt Ion: 50 Resp: 727175
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3





#5

Vinyl Chloride

Concen: 9.32 ppbv

RT: 3.89 min Scan# 131

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

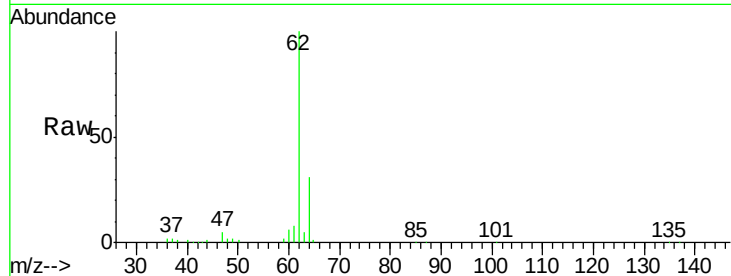
ClientSampleId :

Tot Ion: 62 Resp: 748008

Ion Ratio Lower Upper

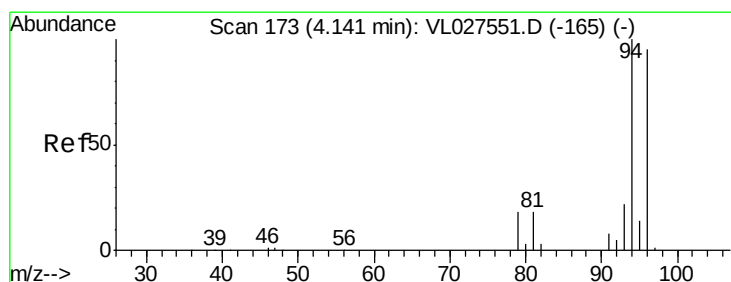
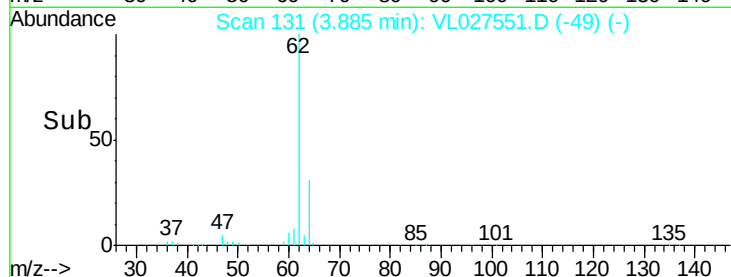
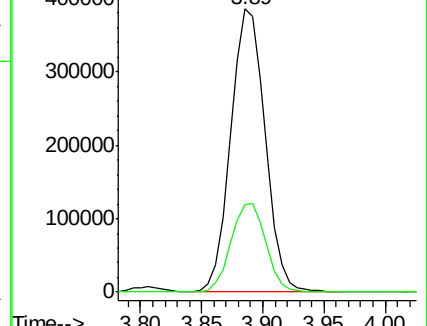
62 100

64 31.1 24.9 37.3



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.89 ppbv

RT: 4.14 min Scan# 173

Delta R.T. 0.00 min

Lab File: VL027551.D

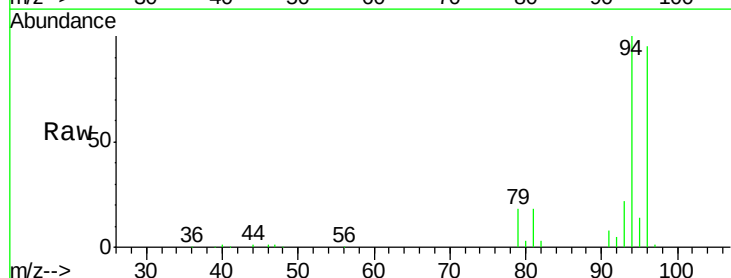
Acq: 19 Apr 2016 14:24

Tgt Ion: 94 Resp: 505969

Ion Ratio Lower Upper

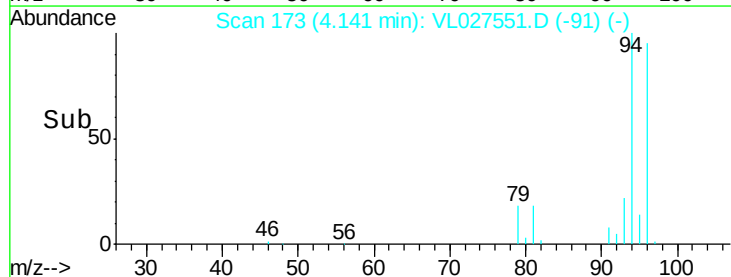
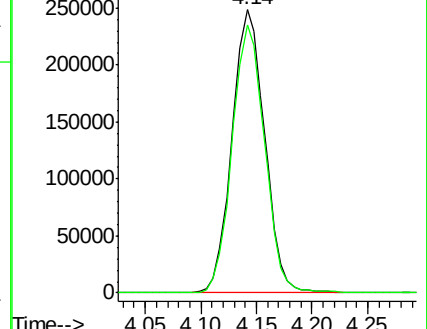
94 100

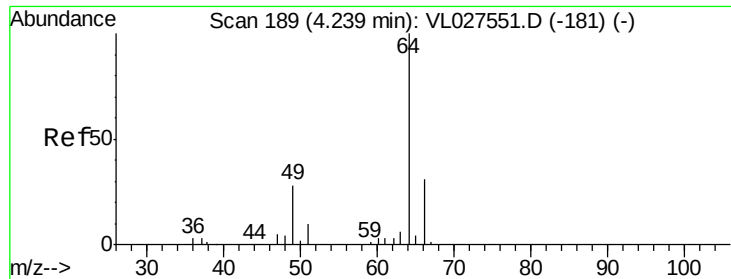
96 94.7 75.8 113.6



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.77 ppbv

RT: 4.24 min Scan# 189

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

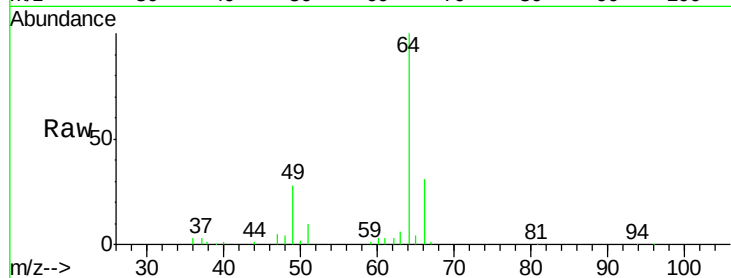
ClientSampleId :

Tot Ion: 64 Resp: 326068

Ion Ratio Lower Upper

64 100

66 31.0 24.8 37.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

4.24

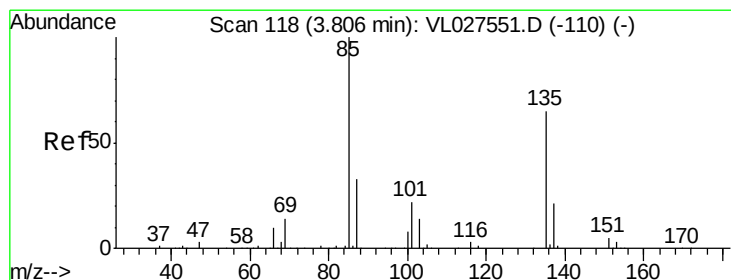
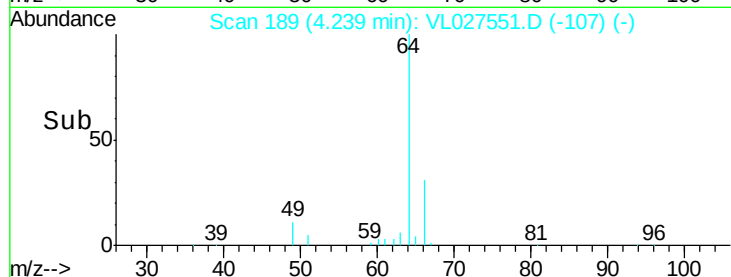
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.69 ppbv

RT: 3.81 min Scan# 118

Delta R.T. 0.00 min

Lab File: VL027551.D

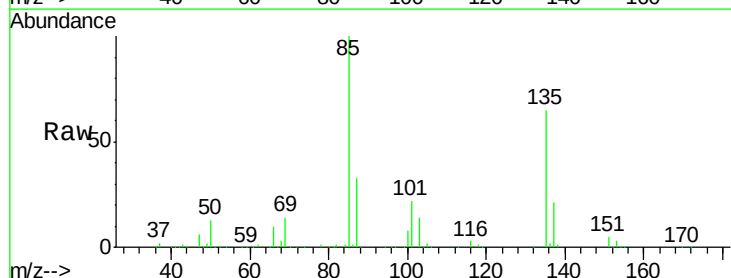
Acq: 19 Apr 2016 14:24

Tgt Ion: 85 Resp: 1724104

Ion Ratio Lower Upper

85 100

135 65.6 52.5 78.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.81

1200000

1000000

800000

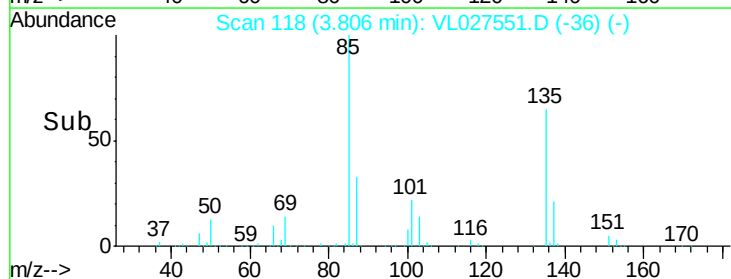
600000

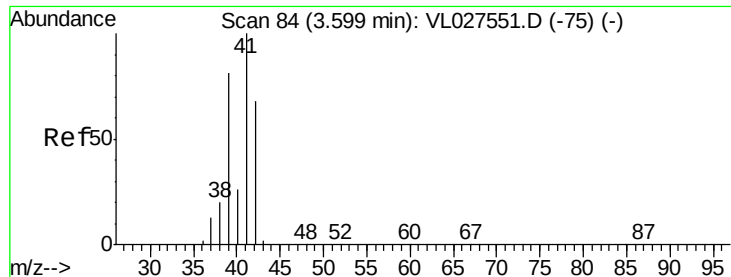
400000

200000

0

Time-->





#9

Propene

Concen: 8.95 ppbv

RT: 3.60 min Scan# 84

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

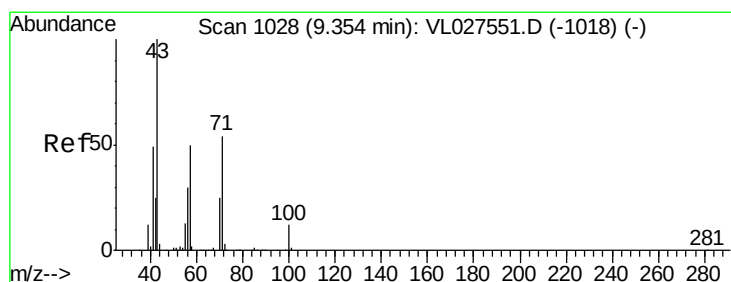
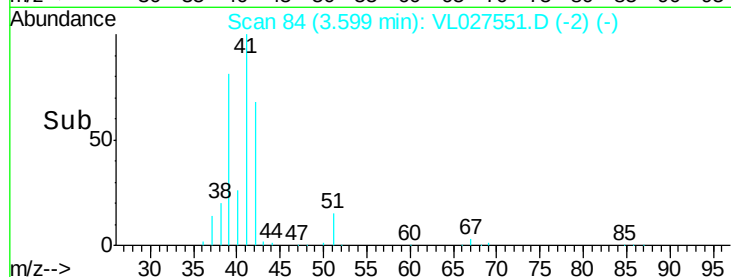
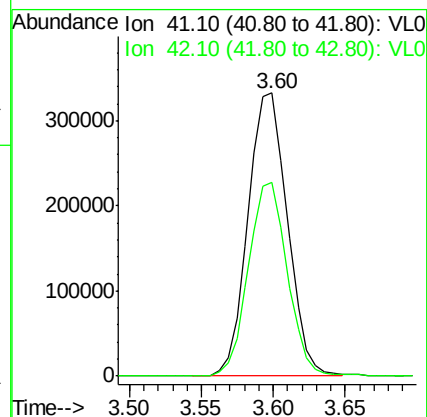
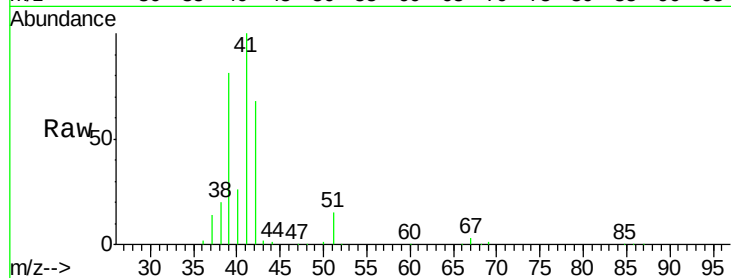
ClientSampleId :

Tot Ion: 41 Resp: 629616

Ion Ratio Lower Upper

41 100

42 67.9 54.3 81.5



#10

Heptane

Concen: 8.92 ppbv

RT: 9.35 min Scan# 1028

Delta R.T. 0.00 min

Lab File: VL027551.D

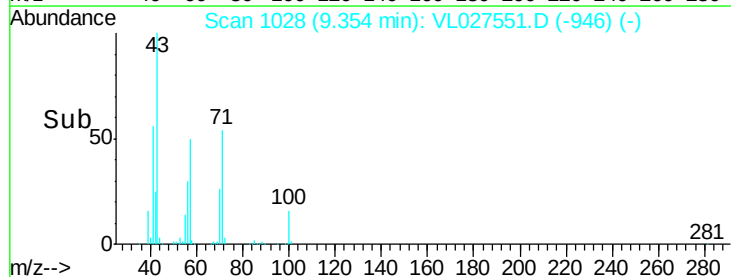
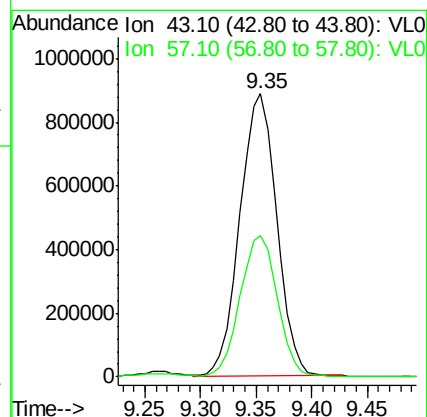
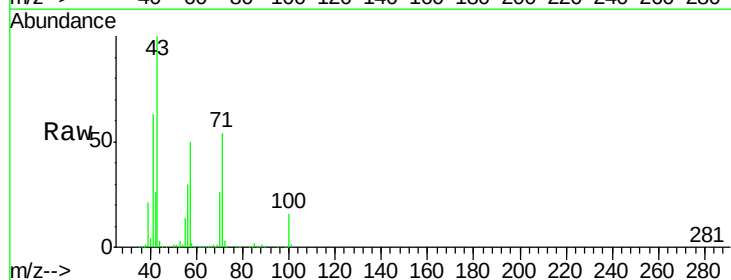
Acq: 19 Apr 2016 14:24

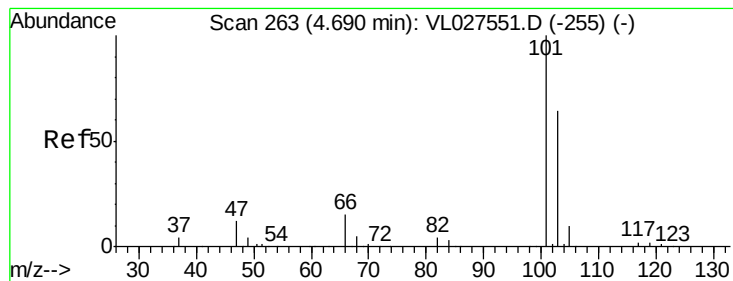
Tgt Ion: 43 Resp: 2037005

Ion Ratio Lower Upper

43 100

57 51.9 41.4 62.2





#11

Trichlorofluoromethane

Concen: 10.22 ppbv

RT: 4.69 min Scan# 263

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

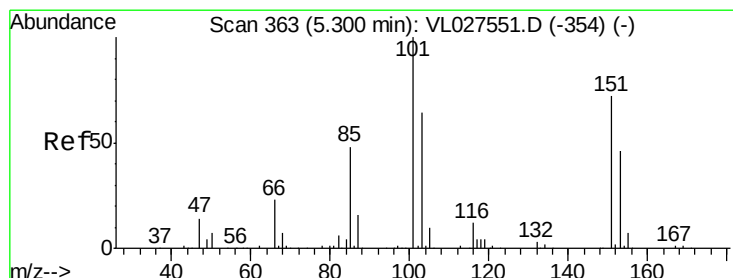
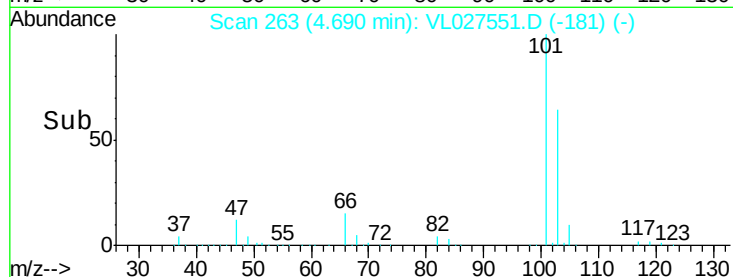
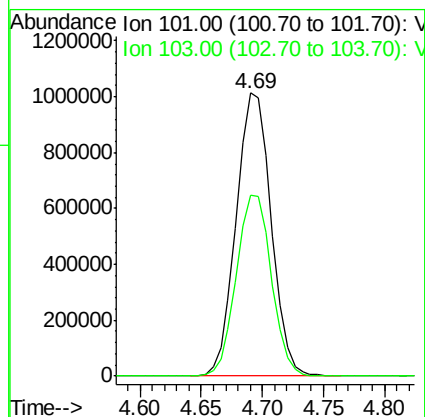
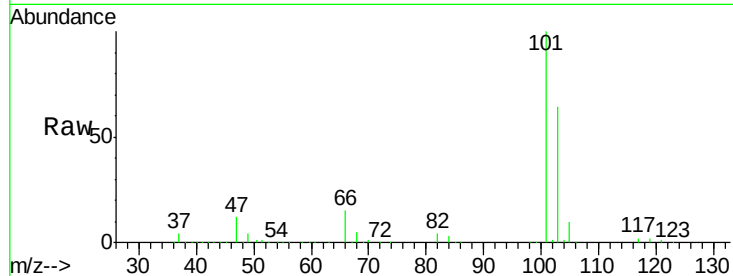
ClientSampleId :

Tot Ion:101 Resp: 2015698

Ion Ratio Lower Upper

101 100

103 63.9 51.1 76.7



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.04 ppbv

RT: 5.30 min Scan# 363

Delta R.T. 0.00 min

Lab File: VL027551.D

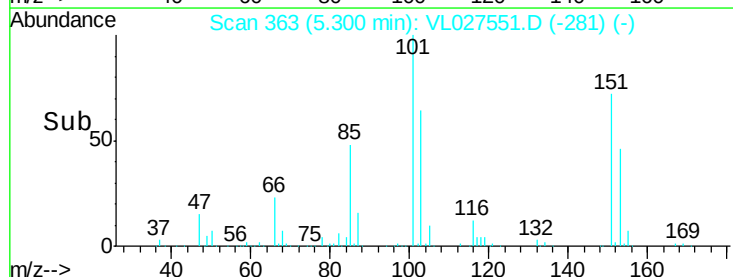
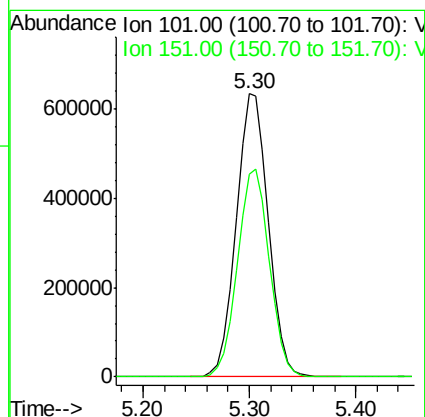
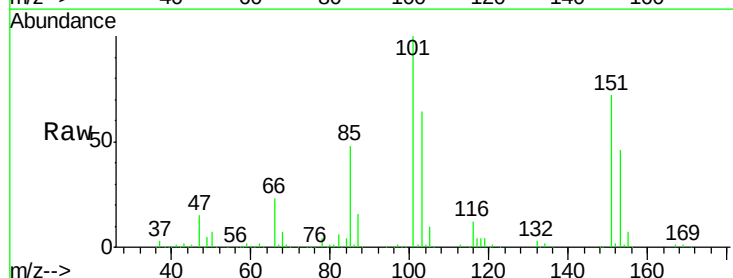
Acq: 19 Apr 2016 14:24

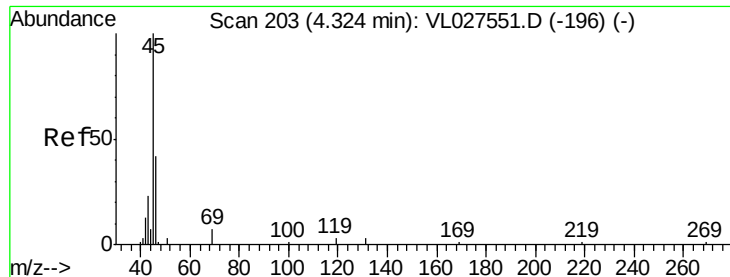
Tgt Ion:101 Resp: 1336350

Ion Ratio Lower Upper

101 100

151 73.7 59.0 88.4





#13

Ethanol

Concen: 8.31 ppbv

RT: 4.32 min Scan# 203

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

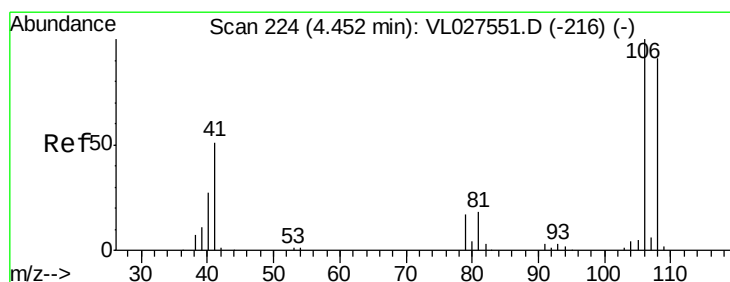
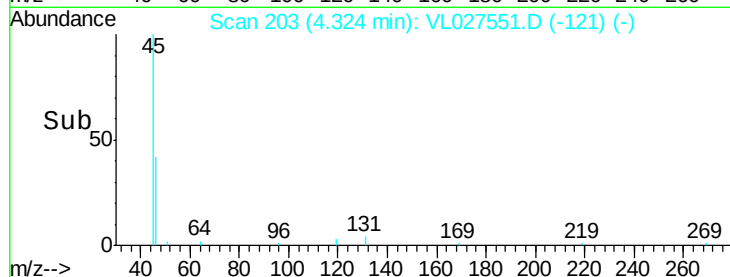
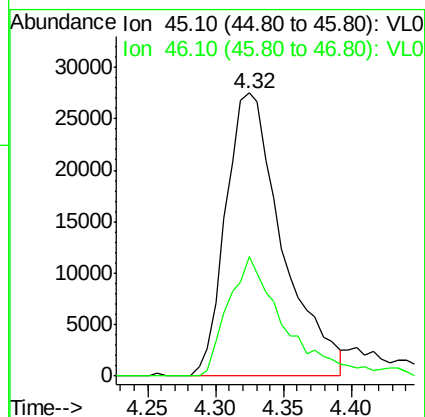
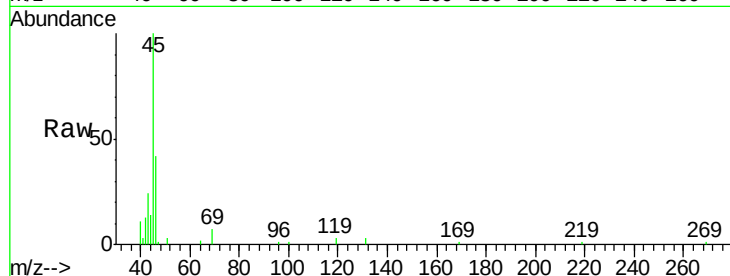
ClientSampleId :

Tot Ion: 45 Resp: 79584

Ion Ratio Lower Upper

45 100

46 42.6 17.3 69.3



#14

Bromoethene

Concen: 9.82 ppbv

RT: 4.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

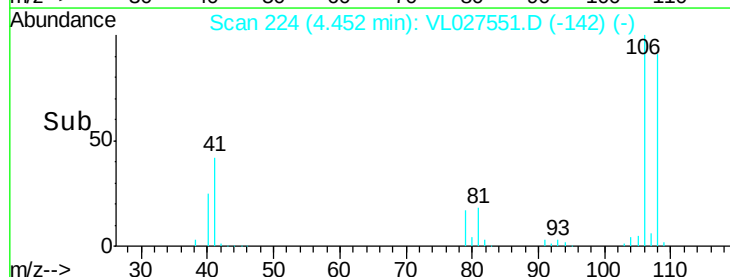
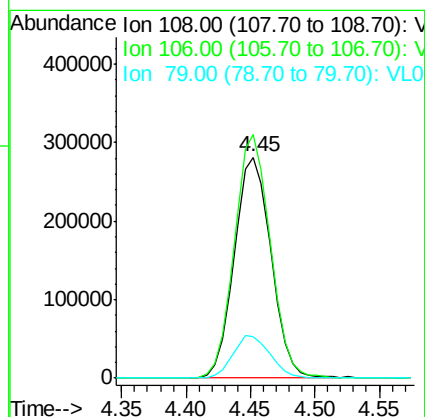
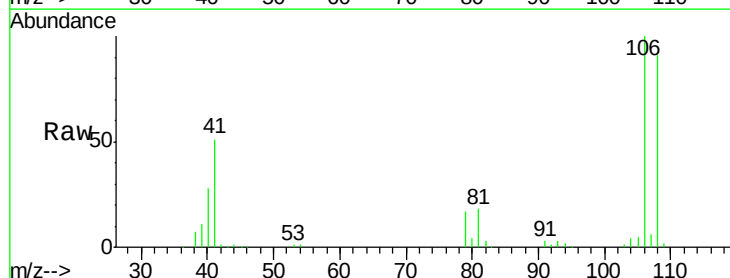
Tgt Ion: 108 Resp: 557412

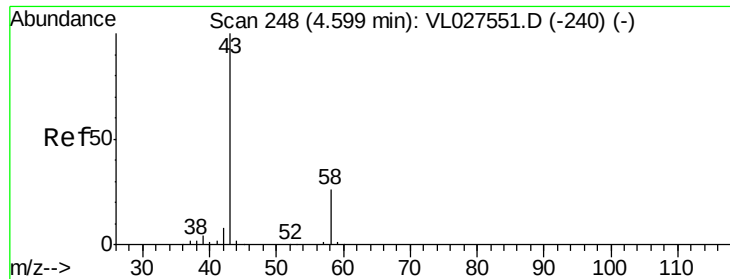
Ion Ratio Lower Upper

108 100

106 108.8 87.0 130.6

79 19.8 15.8 23.8





#15

Acetone

Concen: 8.44 ppbv

RT: 4.60 min Scan# 248

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

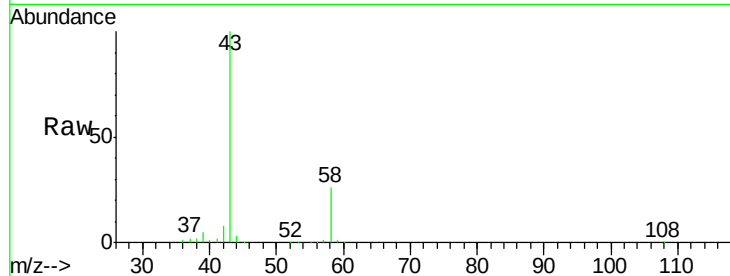
ClientSampleId :

Tot Ion: 43 Resp: 1309648

Ion Ratio Lower Upper

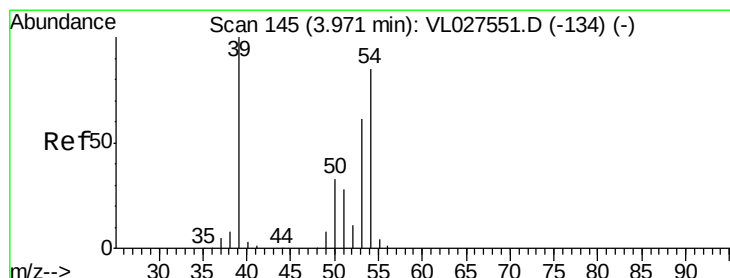
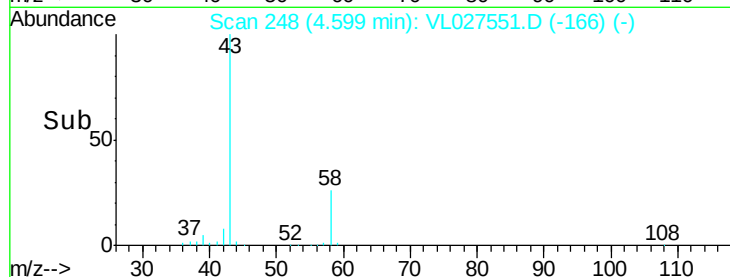
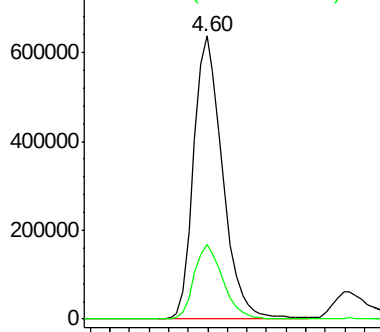
43 100

58 26.4 21.1 31.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 8.93 ppbv

RT: 3.97 min Scan# 145

Delta R.T. 0.00 min

Lab File: VL027551.D

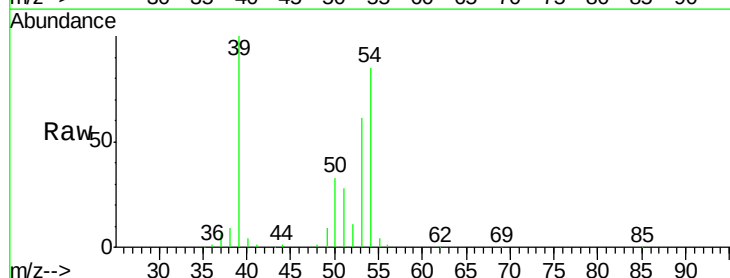
Acq: 19 Apr 2016 14:24

Tgt Ion: 39 Resp: 704347

Ion Ratio Lower Upper

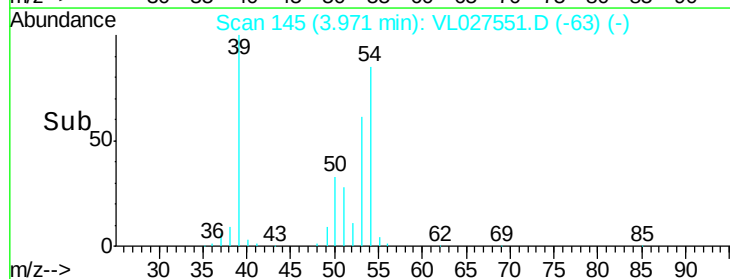
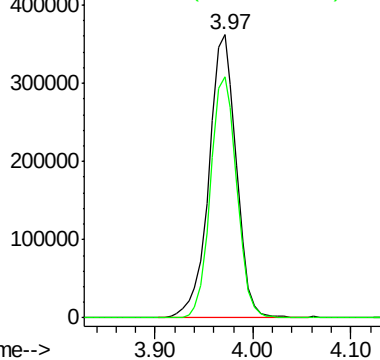
39 100

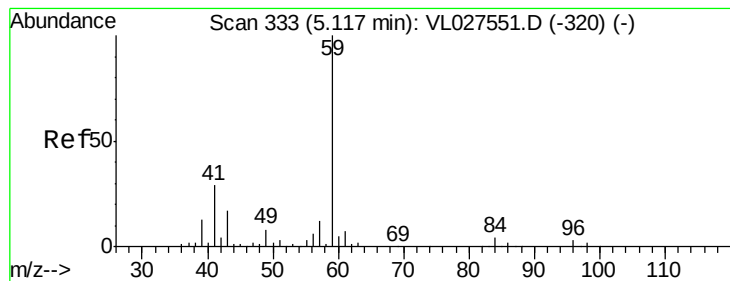
54 81.7 65.4 98.2



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0



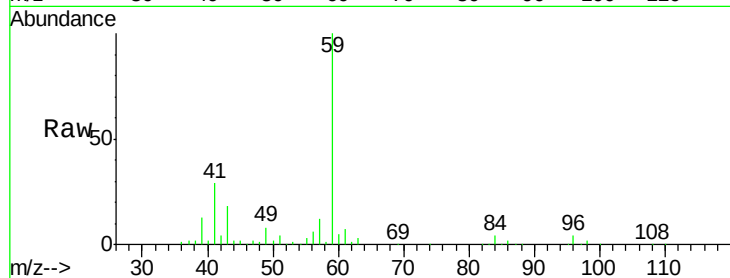


#17

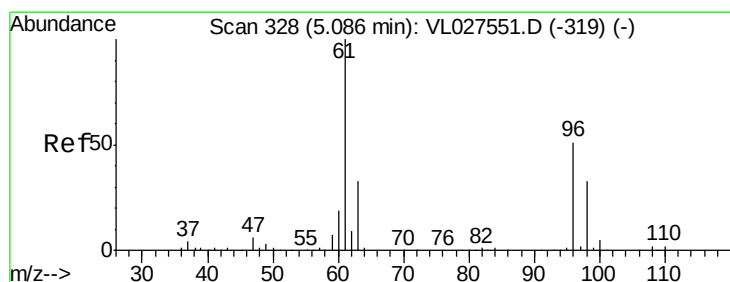
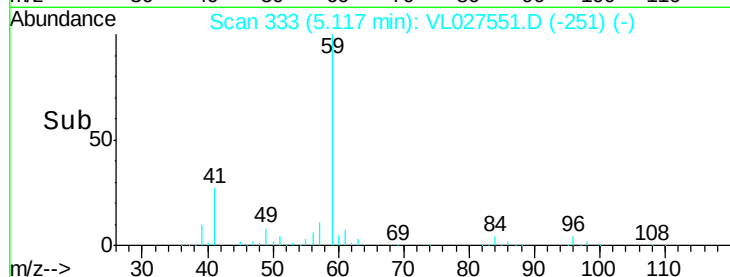
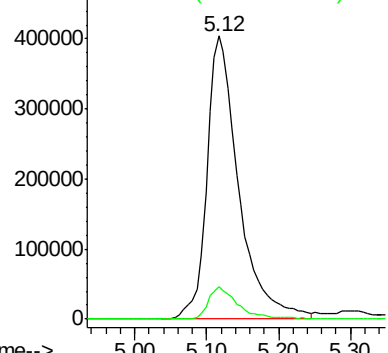
tert-Butyl alcohol
 Concen: 9.84 ppbv
 RT: 5.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 59 Resp: 1238864
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.7 13.1



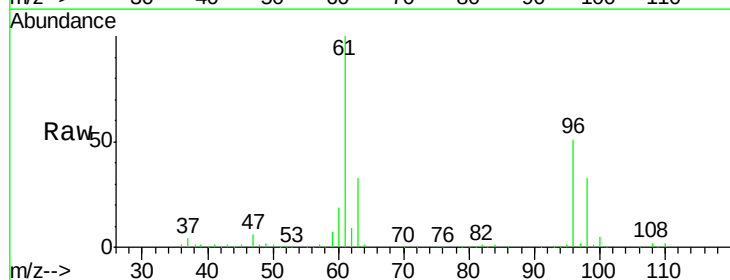
Abundance Ion 59.10 (58.80 to 59.80): VL0
 Ion 57.10 (56.80 to 57.80): VL0



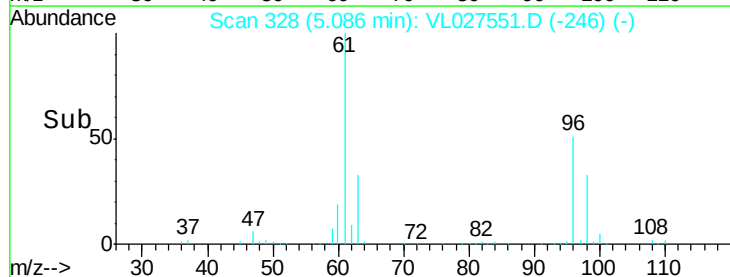
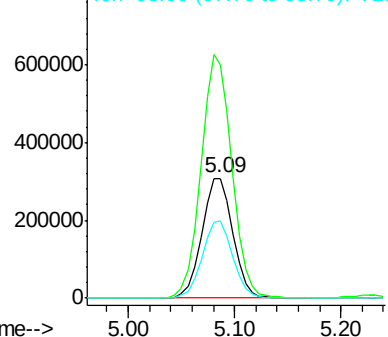
#18

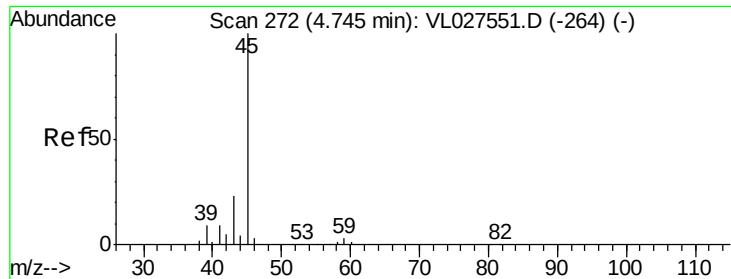
1,1-Dichloroethene
 Concen: 10.01 ppbv
 RT: 5.09 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Tgt Ion: 96 Resp: 626083
 Ion Ratio Lower Upper
 96 100
 61 195.3 156.2 234.4
 98 64.6 51.7 77.5



Abundance Ion 96.00 (95.70 to 96.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0



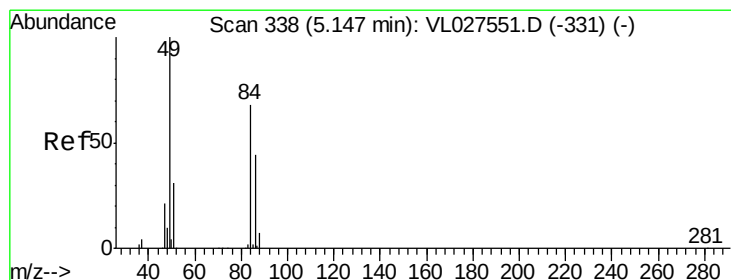
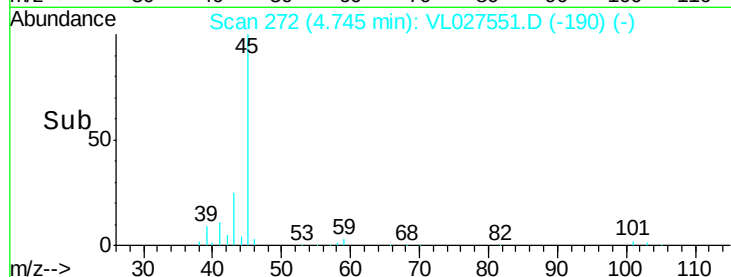
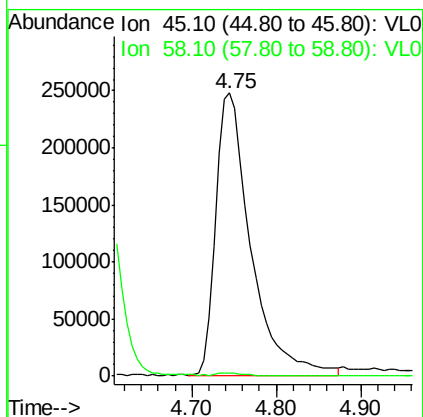
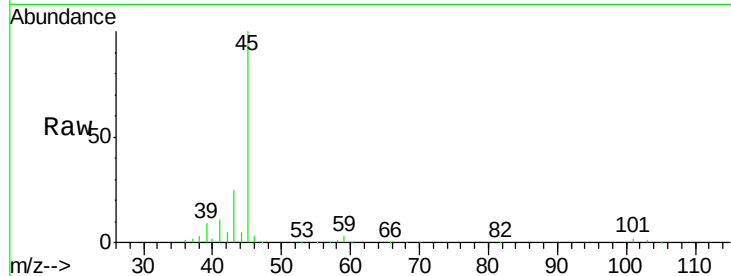


#19

Isopropyl Alcohol
 Concen: 10.23 ppbv
 RT: 4.75 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Instrument :
 BNA_M
 ClientSampleId :

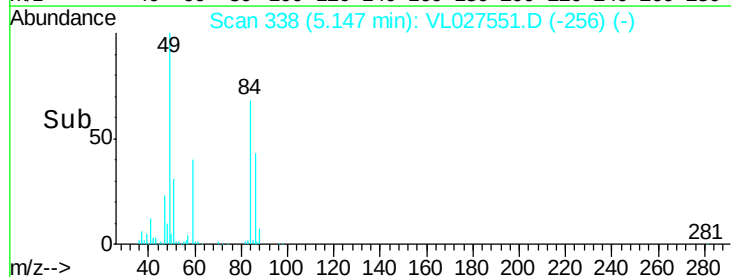
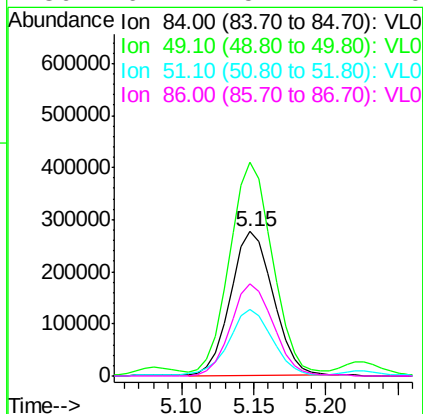
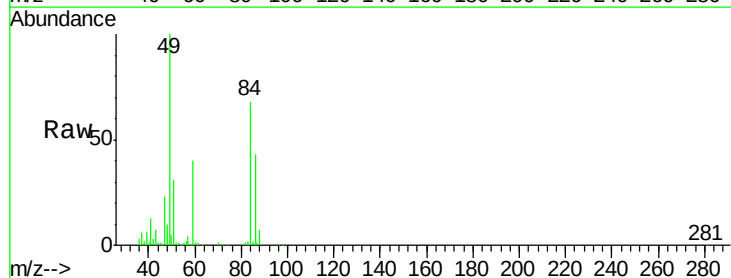
Tot Ion: 45 Resp: 708774
 Ion Ratio Lower Upper
 45 100
 58 48.8 39.0 58.6

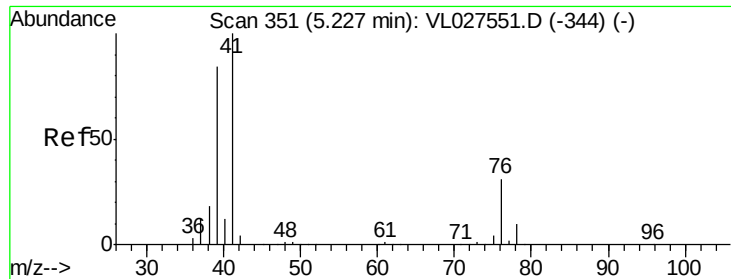


#20

Methylene Chloride
 Concen: 9.54 ppbv
 RT: 5.15 min Scan# 338
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Tgt Ion: 84 Resp: 572567
 Ion Ratio Lower Upper
 84 100
 49 146.4 117.1 175.7
 51 44.9 35.9 53.9
 86 64.2 51.4 77.0





#21

Allvl Chloride

Concen: 9.71 ppbv

RT: 5.23 min Scan# 351

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

ClientSampleId :

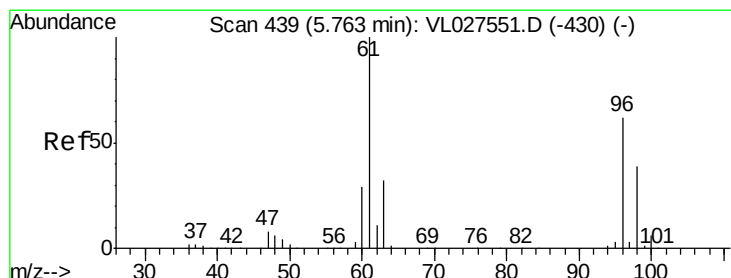
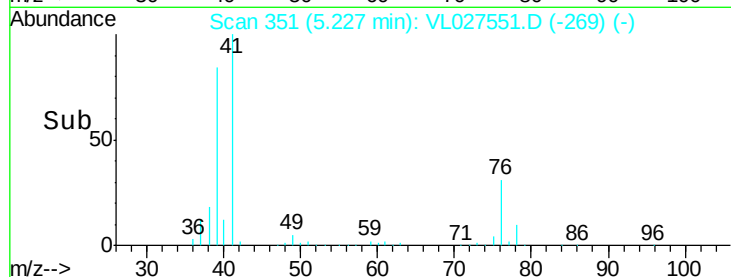
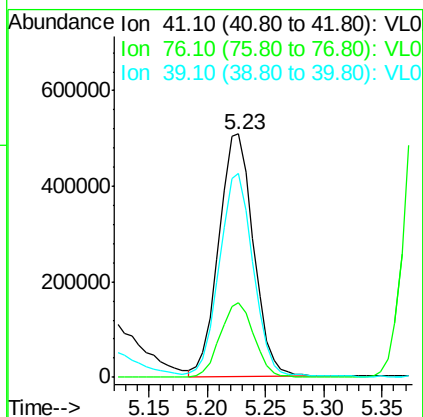
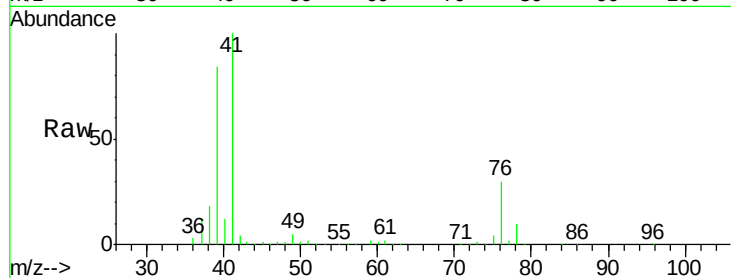
Tot Ion: 41 Resp: 1044946

Ion Ratio Lower Upper

41 100

76 30.2 24.2 36.2

39 82.3 66.2 99.4



#22

trans-1,2-Dichloroethene

Concen: 9.68 ppbv

RT: 5.76 min Scan# 439

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

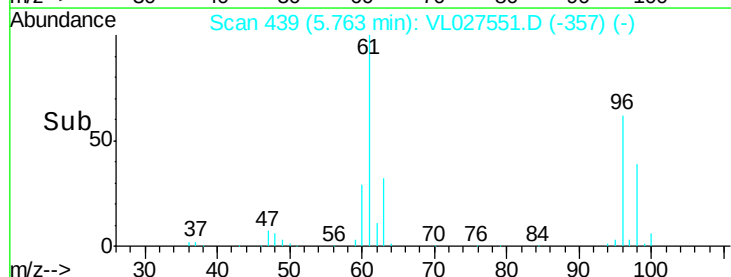
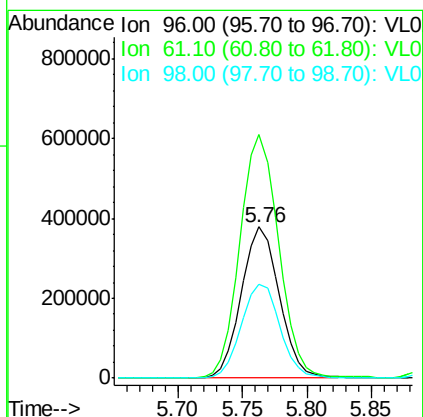
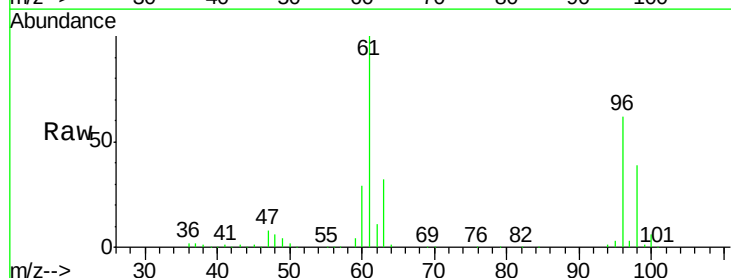
Tgt Ion: 96 Resp: 776327

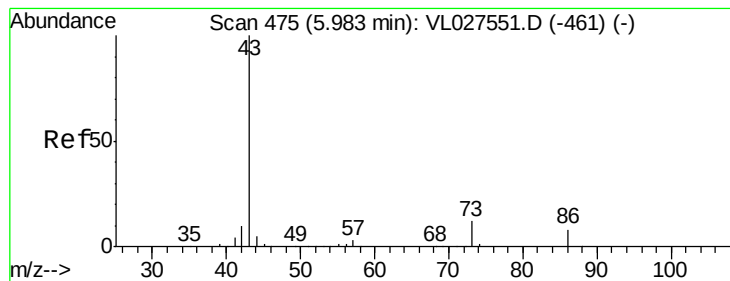
Ion Ratio Lower Upper

96 100

61 160.9 128.7 193.1

98 62.2 49.8 74.6





#23

Vinyl Acetate

Concen: 9.41 ppbv

RT: 5.98 min Scan# 475

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 43 Resp: 2822054

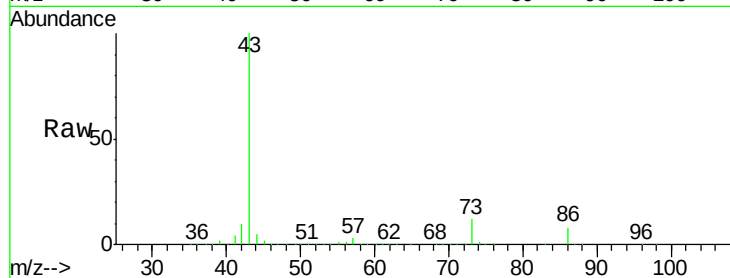
Ion	Ratio	Lower	Upper
43	100		
86	8.4	6.7	10.1
42	9.8	7.8	11.8
44	4.7	3.8	5.6

43 100

86 8.4 6.7 10.1

42 9.8 7.8 11.8

44 4.7 3.8 5.6

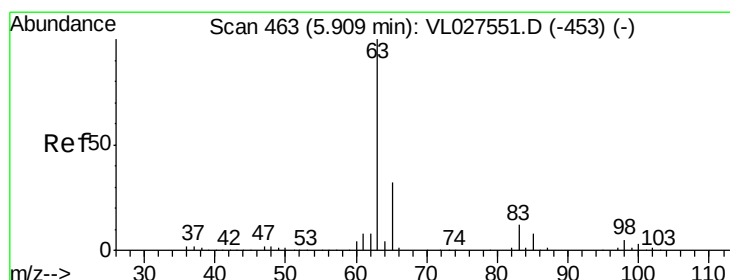
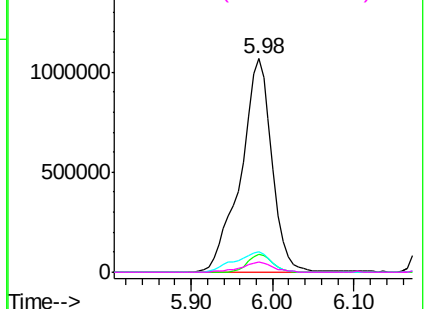
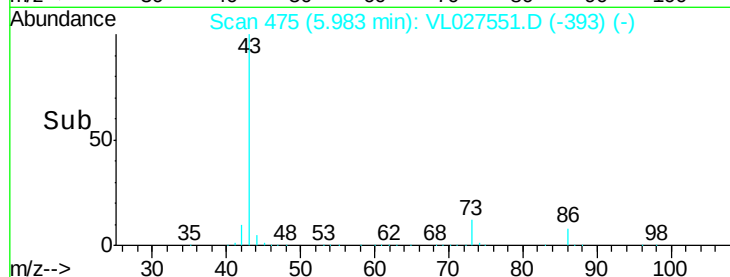


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.60 ppbv

RT: 5.91 min Scan# 463

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

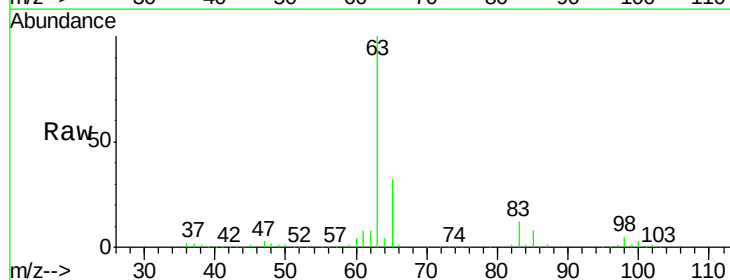
Tgt Ion: 63 Resp: 1744941

Ion	Ratio	Lower	Upper
63	100		
98	5.4	2.7	8.1
100	3.1	1.6	4.7

63 100

98 5.4 2.7 8.1

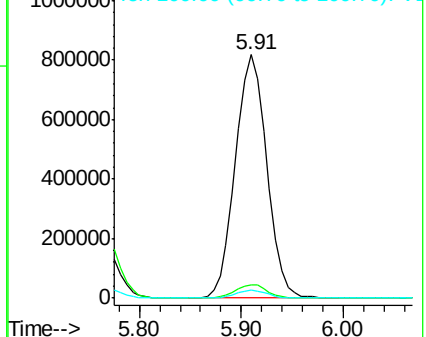
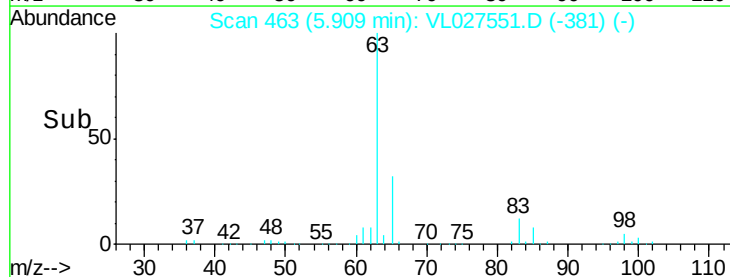
100 3.1 1.6 4.7

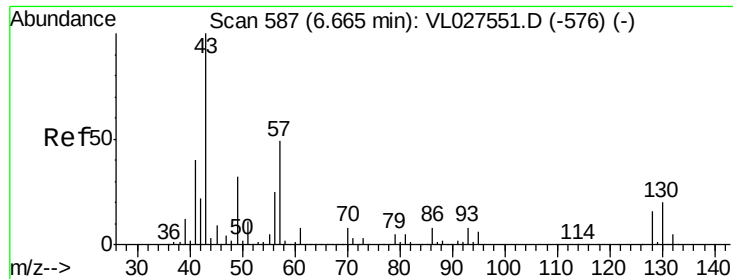


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

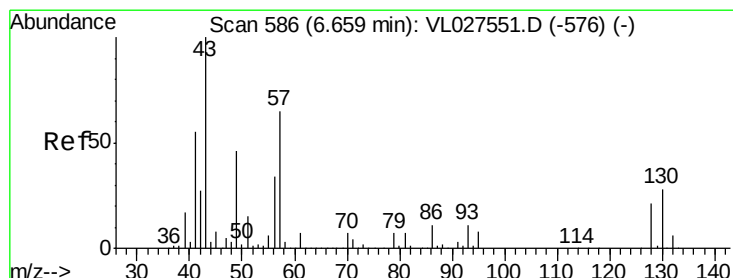
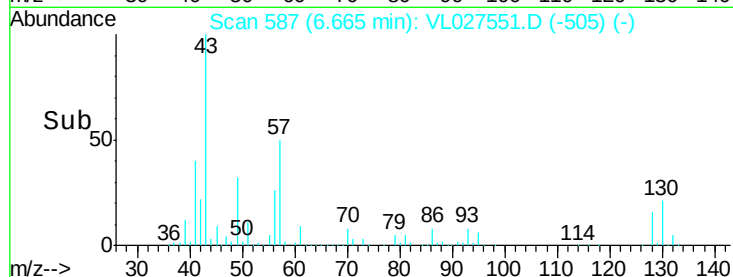
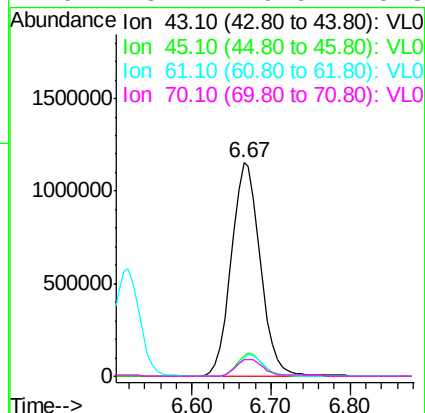
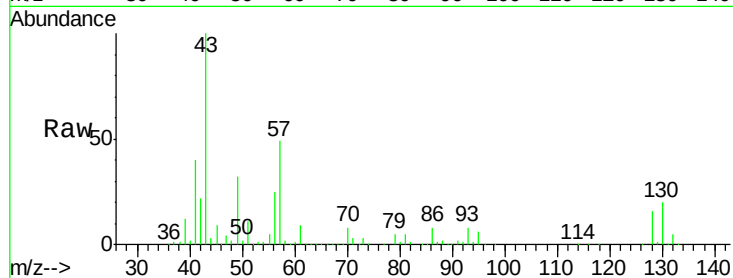




#25
Ethyl Acetate
Concen: 9.24 ppbv
RT: 6.67 min Scan# 587
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

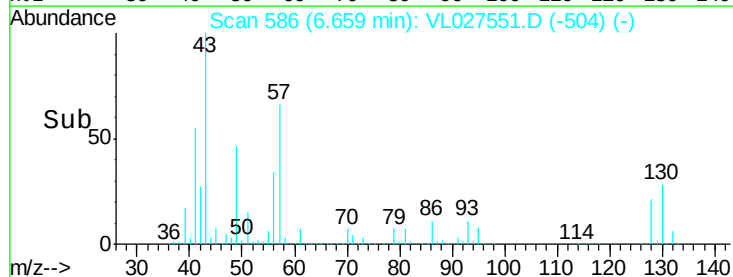
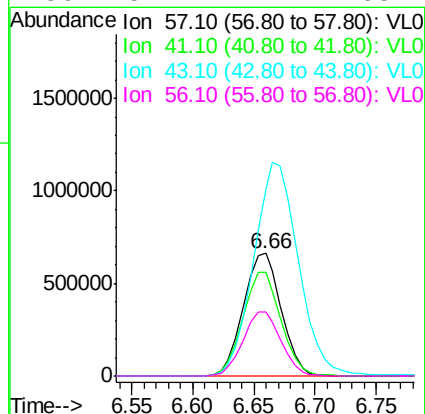
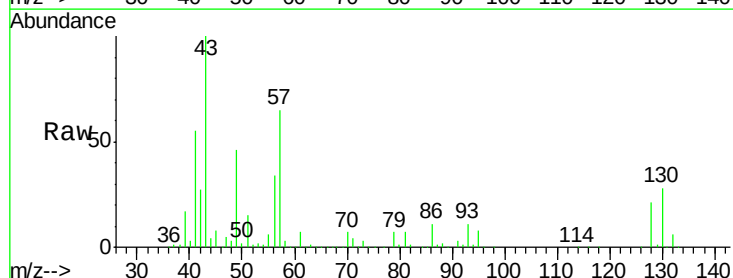
Instrument :
BNA_M
ClientSampleId :

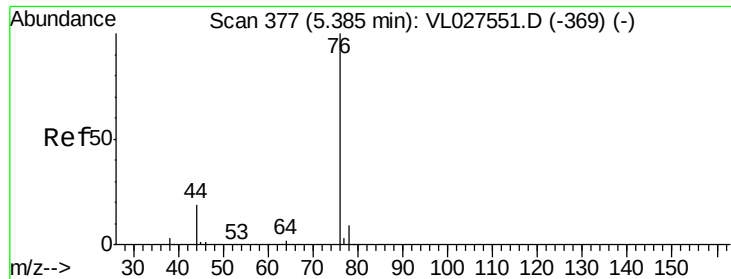
Tot Ion: 43 Resp: 2939018
Ion Ratio Lower Upper
43 100
45 9.6 7.7 11.5
61 8.8 7.0 10.6
70 8.2 6.6 9.8



#26
Hexane
Concen: 9.15 ppbv
RT: 6.66 min Scan# 586
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

Tgt Ion: 57 Resp: 1428626
Ion Ratio Lower Upper
57 100
41 85.6 68.5 102.7
43 206.5 165.2 247.8
56 52.7 42.2 63.2





#27

Carbon Disulfide

Concen: 10.03 ppbv

RT: 5.39 min Scan# 377

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

ClientSampleId :

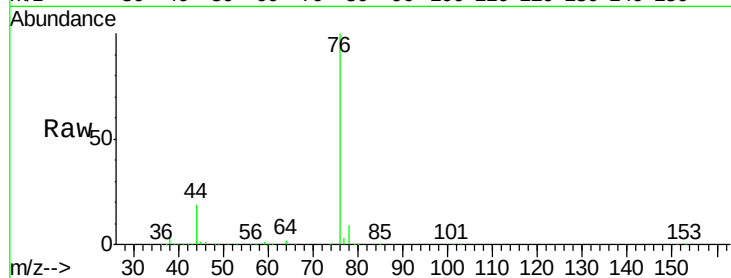
Tot Ion: 76 Resp: 1778539

Ion Ratio Lower Upper

76 100

44 19.5 15.8 23.8

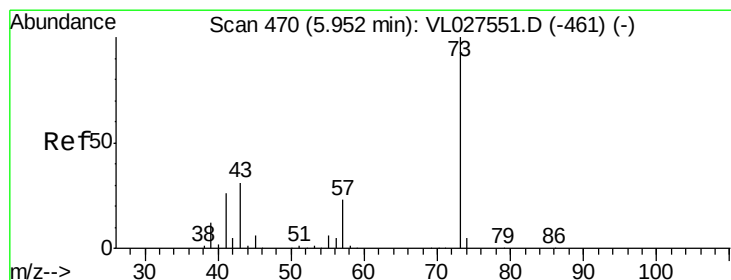
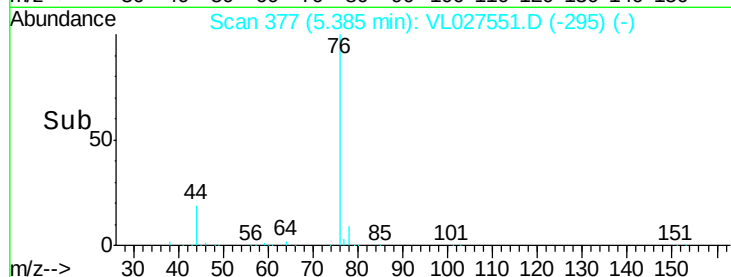
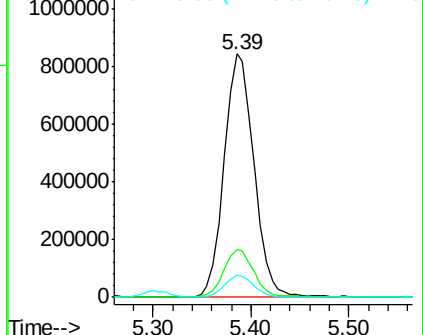
78 9.3 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.41 ppbv

RT: 5.95 min Scan# 470

Delta R.T. 0.00 min

Lab File: VL027551.D

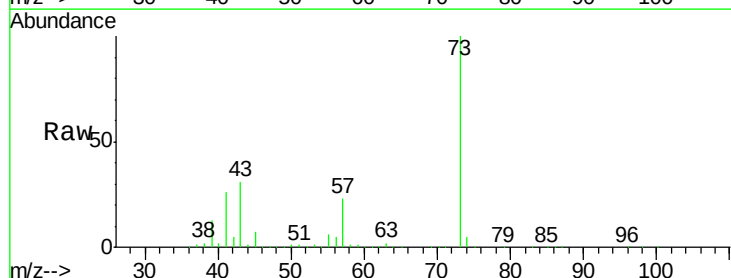
Acq: 19 Apr 2016 14:24

Tgt Ion: 73 Resp: 2322103

Ion Ratio Lower Upper

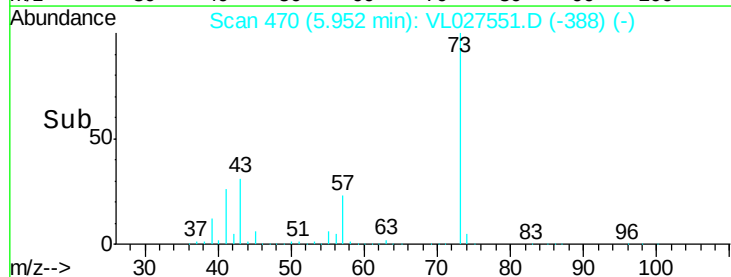
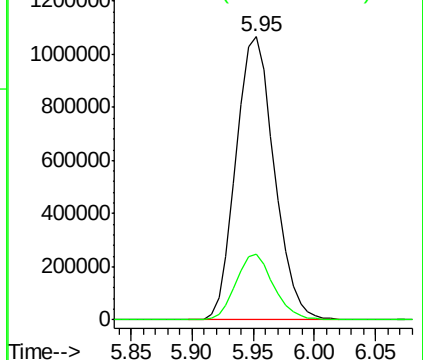
73 100

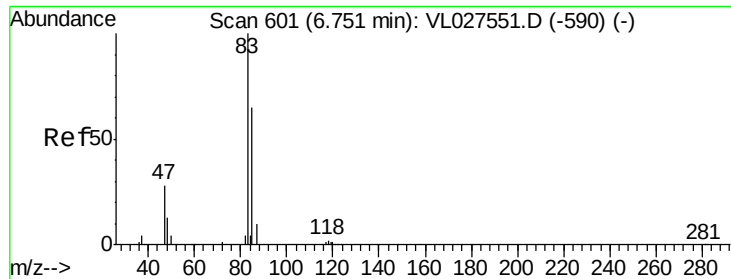
57 23.1 18.4 27.6



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

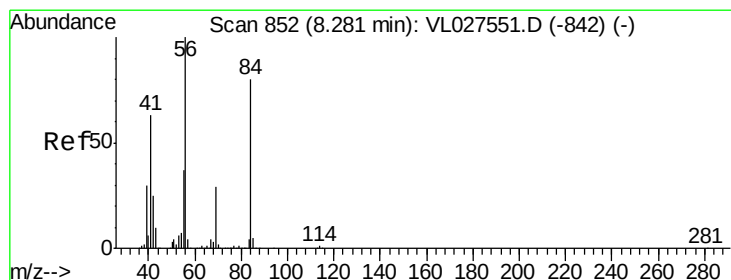
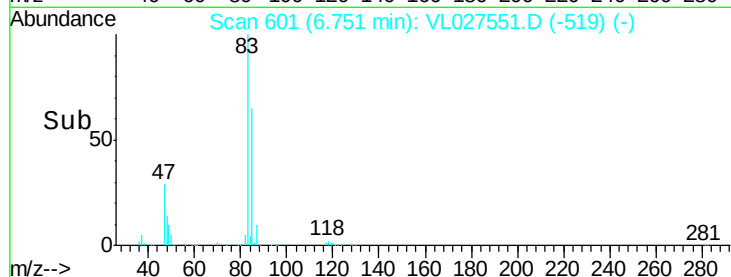
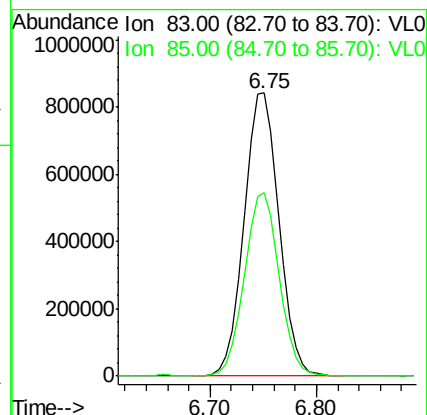
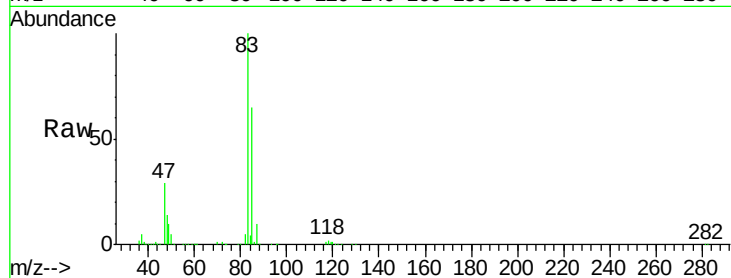




#29
Chloroform
Concen: 9.80 ppbv
RT: 6.75 min Scan# 601
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

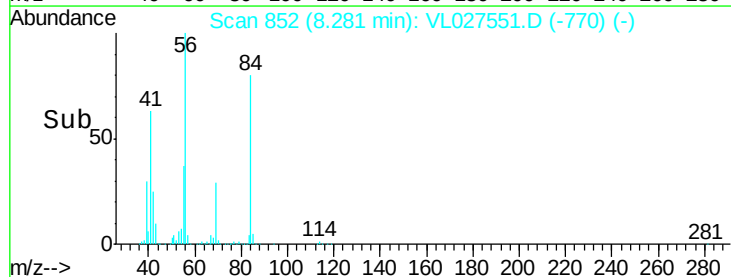
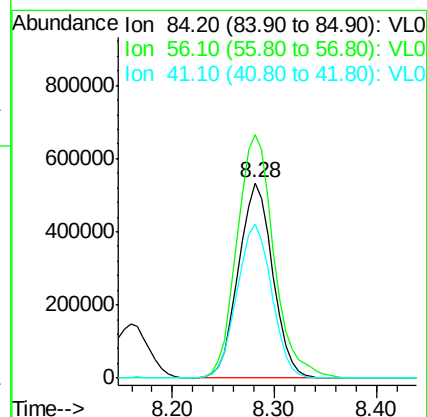
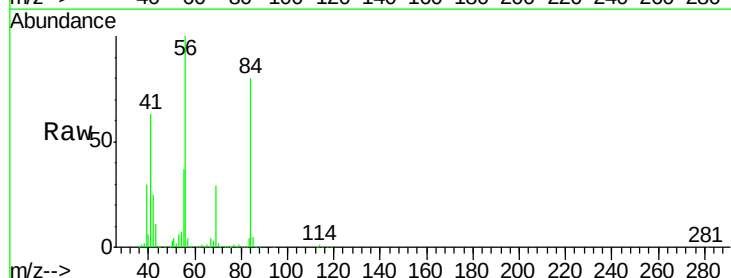
Instrument :
BNA_M
ClientSampleId :

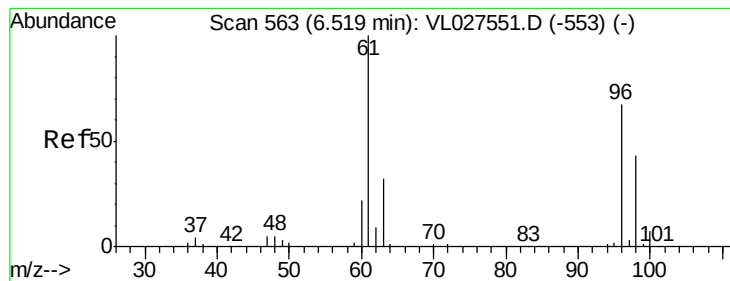
Tot Ion: 83 Resp: 1944831
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5



#30
Cyclohexane
Concen: 8.95 ppbv
RT: 8.28 min Scan# 852
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

Tgt Ion: 84 Resp: 1241346
Ion Ratio Lower Upper
84 100
56 135.5 108.4 162.6
41 80.7 64.6 97.0





#31

cis-1,2-Dichloroethene

Concen: 9.65 ppbv

RT: 6.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

ClientSampleId :

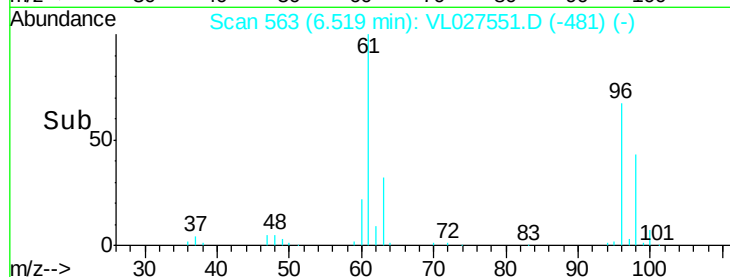
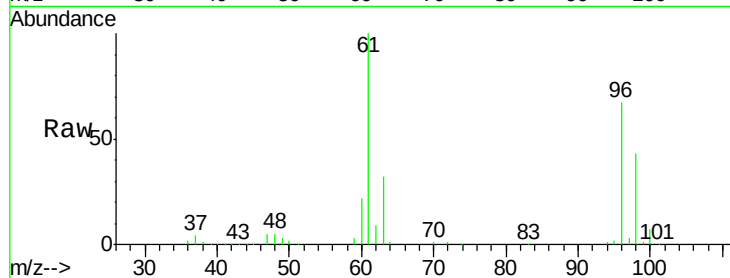
Tot Ion: 61 Resp: 1304477

Ion Ratio Lower Upper

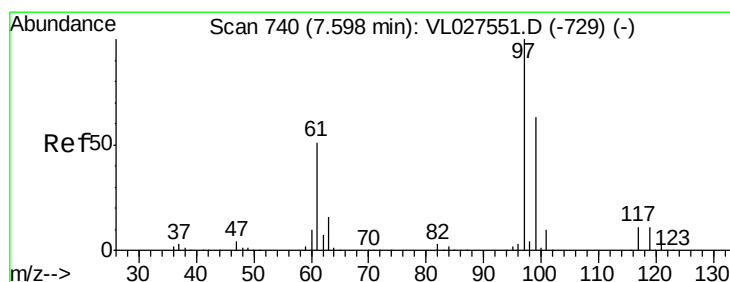
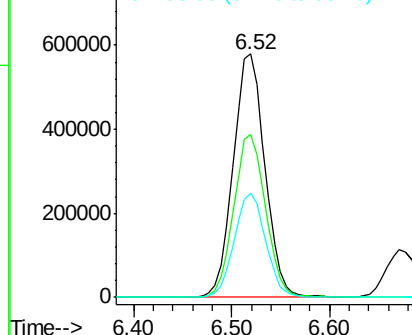
61 100

96 67.0 53.6 80.4

98 43.0 34.4 51.6



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 9.47 ppbv

RT: 7.60 min Scan# 740

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

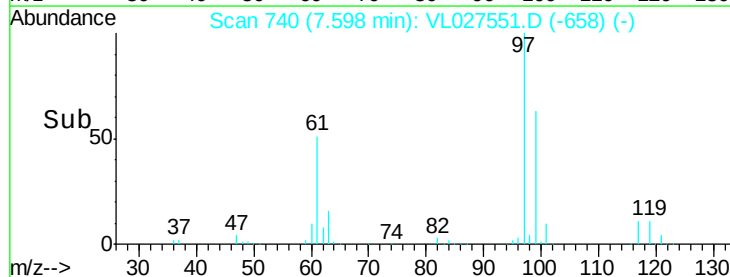
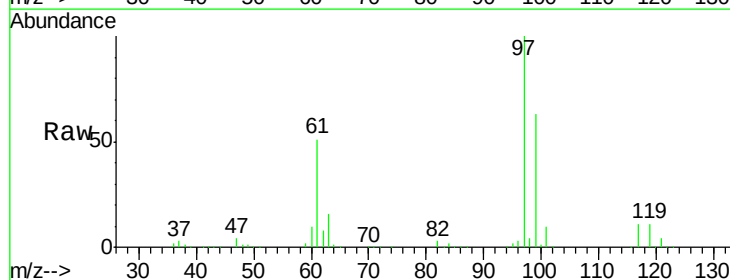
Tgt Ion: 97 Resp: 1909592

Ion Ratio Lower Upper

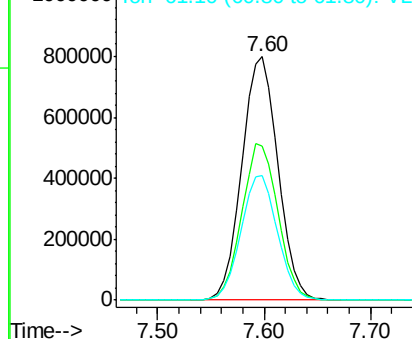
97 100

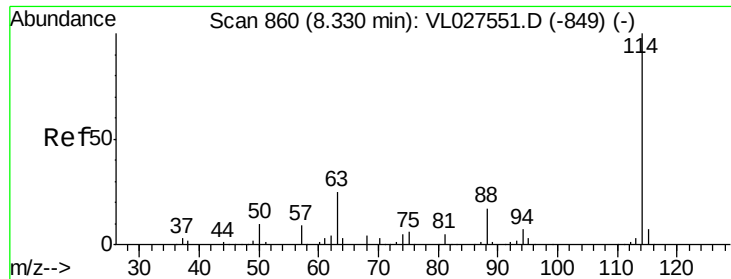
99 64.3 51.4 77.2

61 51.9 41.5 62.3



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0

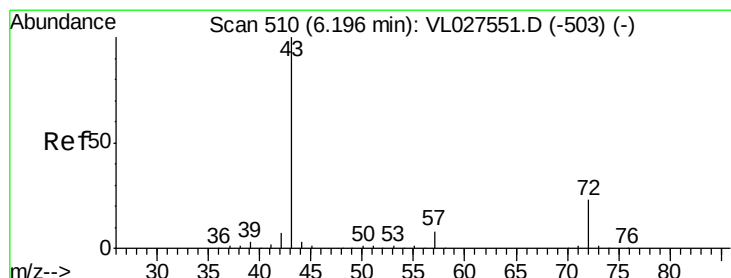
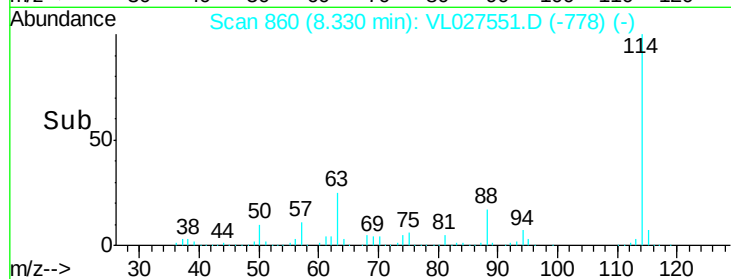
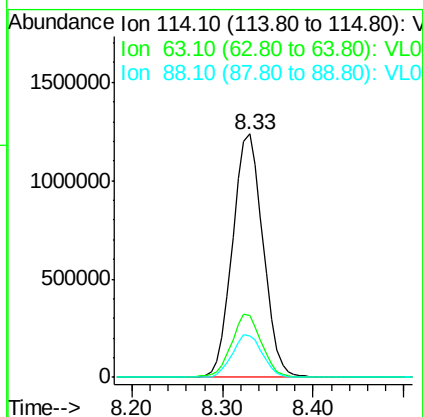
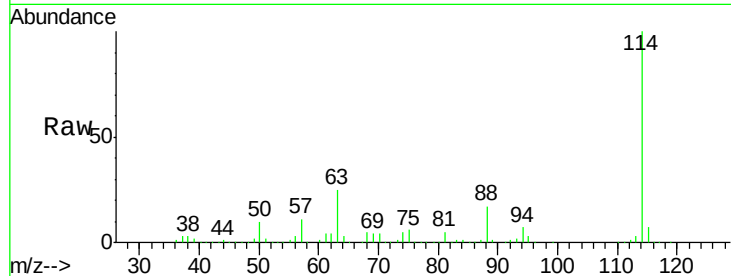




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.33 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

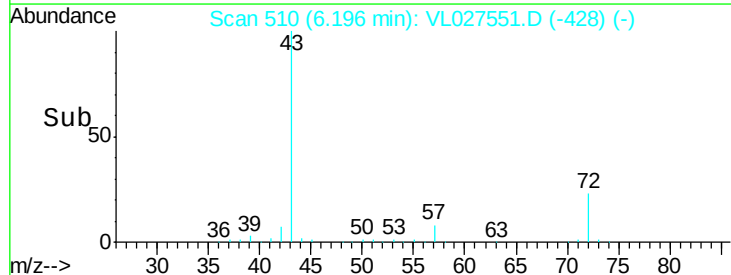
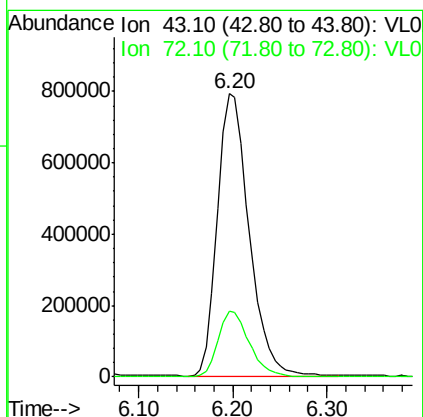
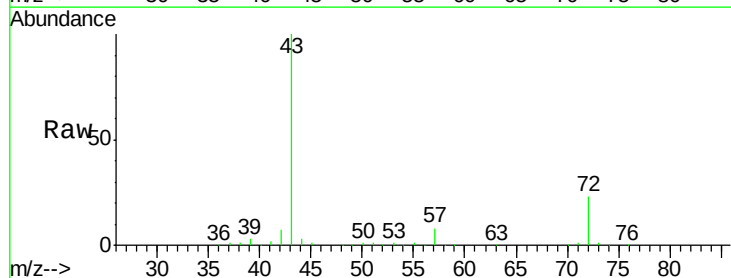
Instrument :
 BNA_M
 ClientSampleId :

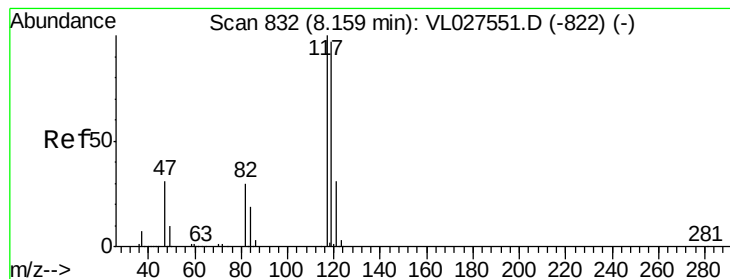
Tot Ion:114 Resp: 2887340
 Ion Ratio Lower Upper
 114 100
 63 25.7 20.6 30.8
 88 17.5 14.0 21.0



#34
 2-Butanone
 Concen: 9.44 ppbv
 RT: 6.20 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Tgt Ion: 43 Resp: 1846574
 Ion Ratio Lower Upper
 43 100
 72 23.2 18.6 27.8





#35

Carbon Tetrachloride

Concen: 9.37 ppbv

RT: 8.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

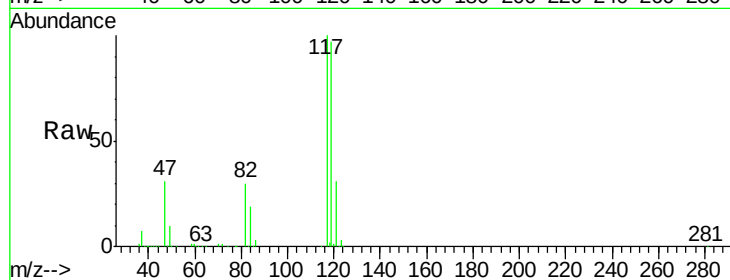
Instrument :

BNA_M

ClientSampleId :

Tot Ion:117 Resp: 1895351

Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.0	117.0
121	31.3	25.0	37.6

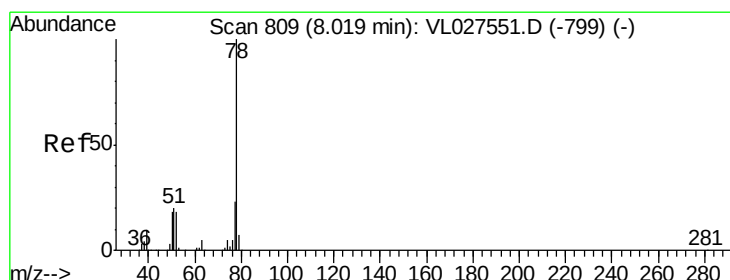
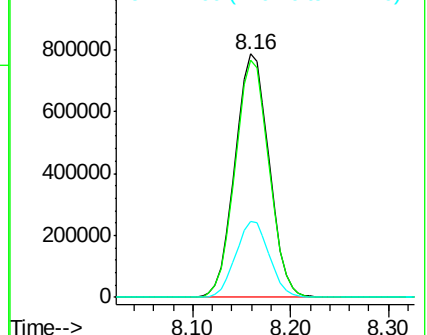
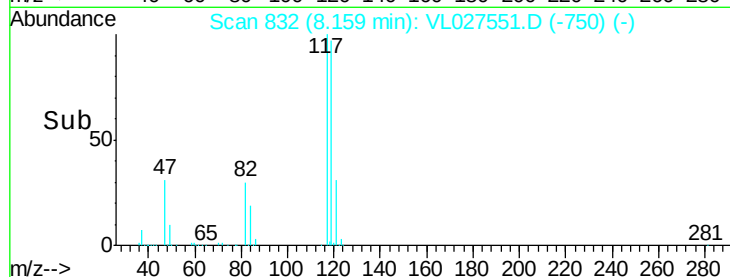


Abundance

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: 9.12 ppbv

RT: 8.02 min Scan# 809

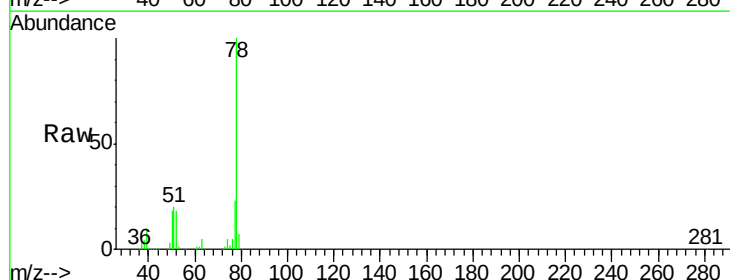
Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Tgt Ion: 78 Resp: 2933448

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.3	27.5
50	18.2	14.6	21.8

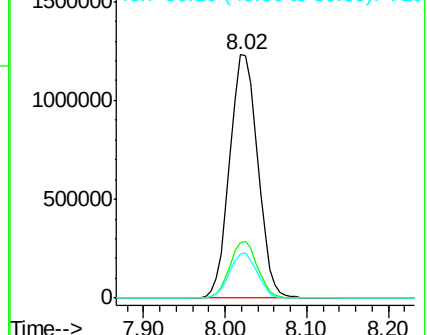
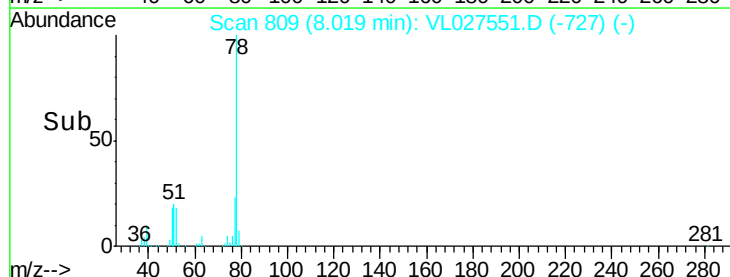


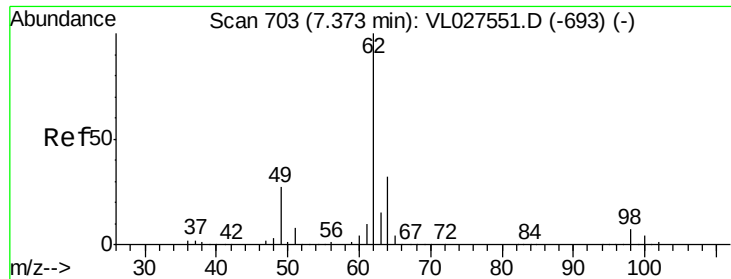
Abundance

Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

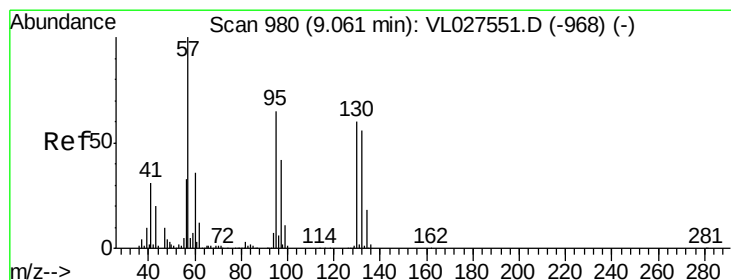
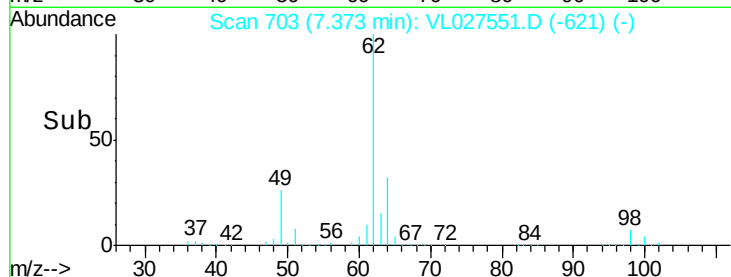
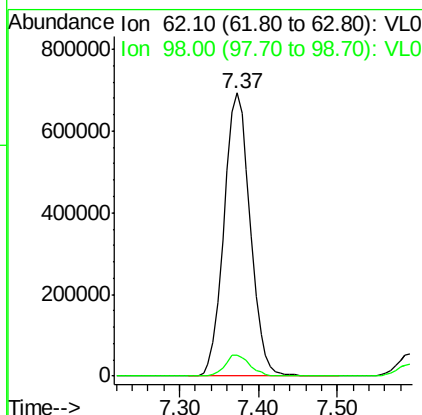
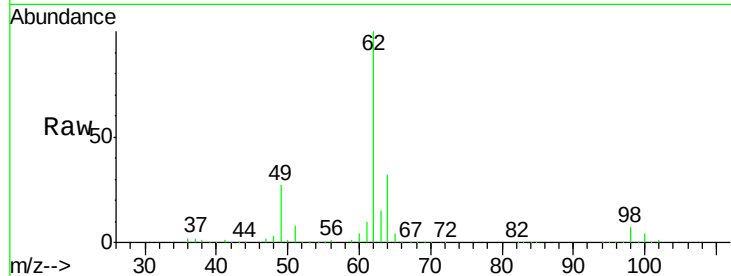




#37
 1,2-Dichloroethane
 Concen: 9.98 ppbv
 RT: 7.37 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

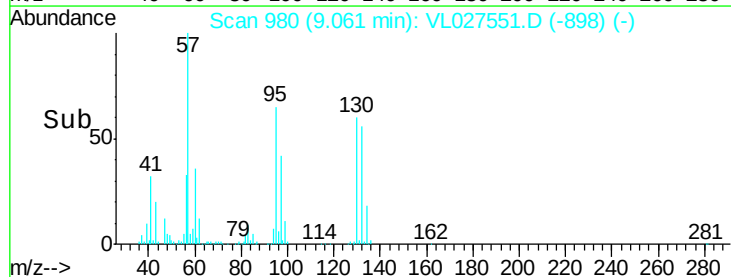
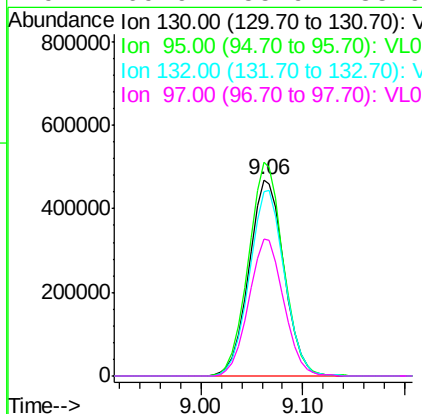
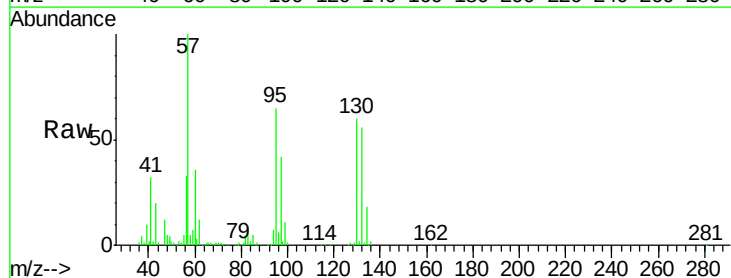
Instrument :
 BNA_M
 ClientSampleId :

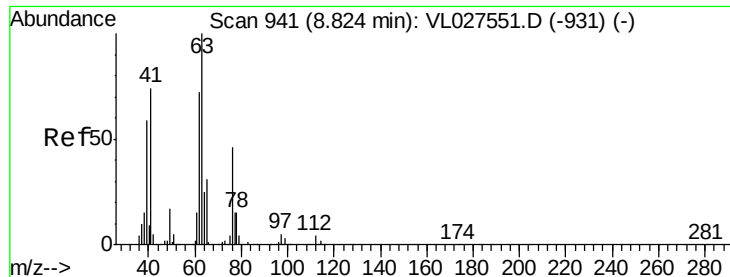
Tot Ion: 62 Resp: 1606261
 Ion Ratio Lower Upper
 62 100
 98 7.1 5.7 8.5



#38
 Trichloroethene
 Concen: 8.86 ppbv
 RT: 9.06 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Tgt Ion:130 Resp: 1125868
 Ion Ratio Lower Upper
 130 100
 95 108.8 87.0 130.6
 132 94.1 75.3 112.9
 97 69.9 55.9 83.9



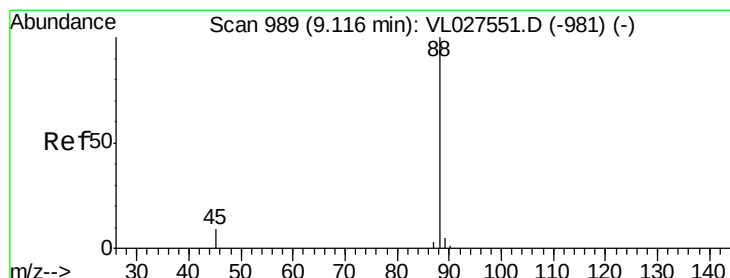
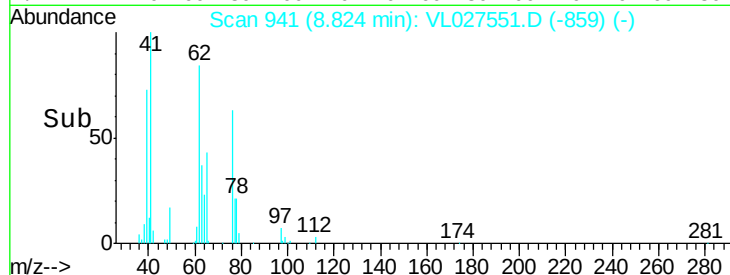
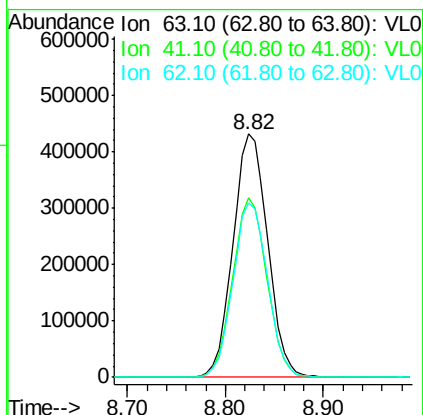
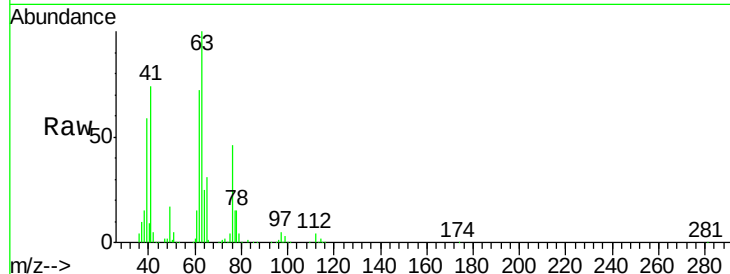


#39
 1,2-Dichloropropane
 Concen: 9.13 ppbv
 RT: 8.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 63 Resp: 1063467

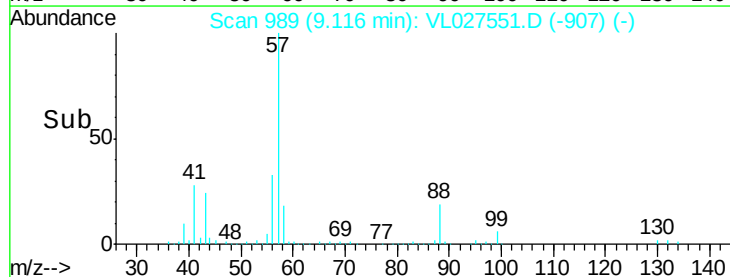
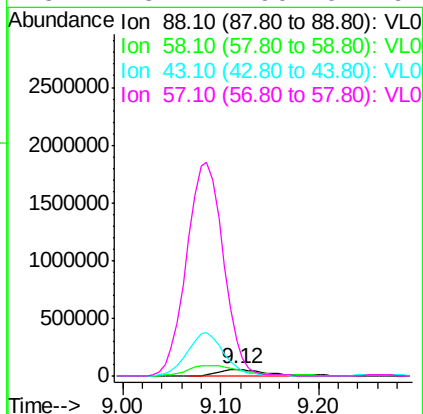
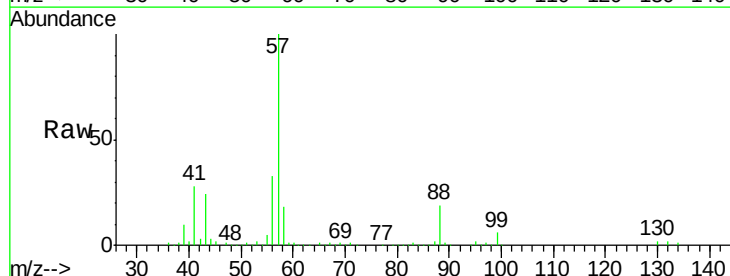
Ion	Ratio	Lower	Upper
63	100		
41	73.6	58.9	88.3
62	71.7	57.4	86.0

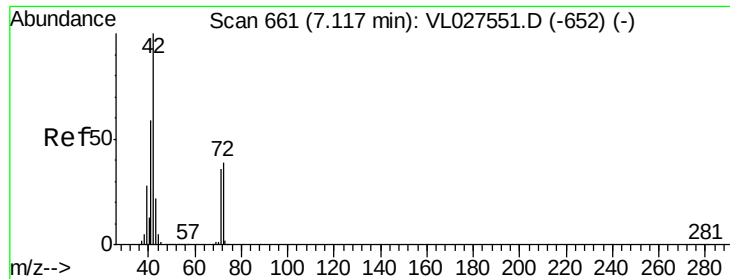


#40
 1,4-Dioxane
 Concen: 10.69 ppbv
 RT: 9.12 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Tgt Ion: 88 Resp: 197962

Ion	Ratio	Lower	Upper
88	100		
58	186.1	148.9	223.3
43	507.6	406.1	609.1
57	2452.4	1961.9	2942.9

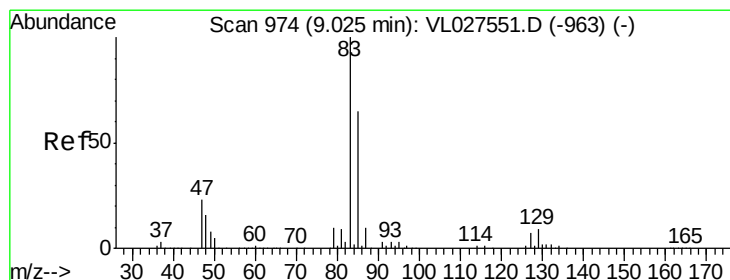
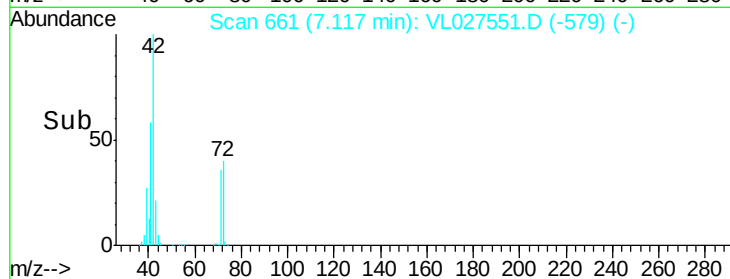
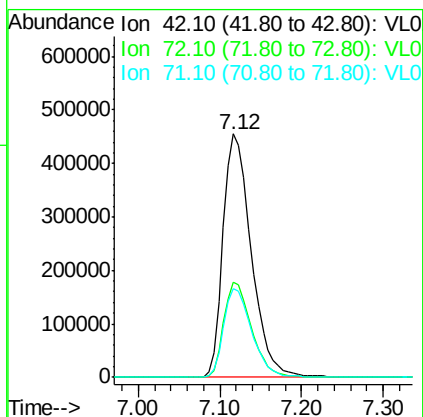
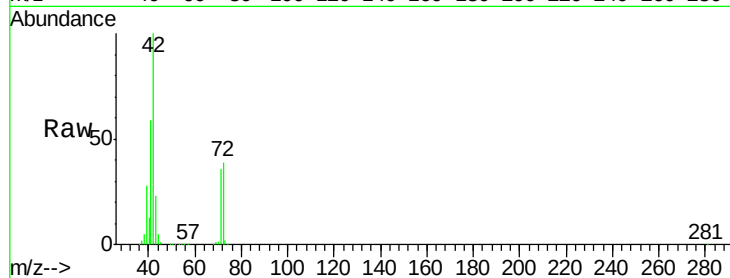




#41
Tetrahydrofuran
Concen: 9.39 ppbv
RT: 7.12 min Scan# 661
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

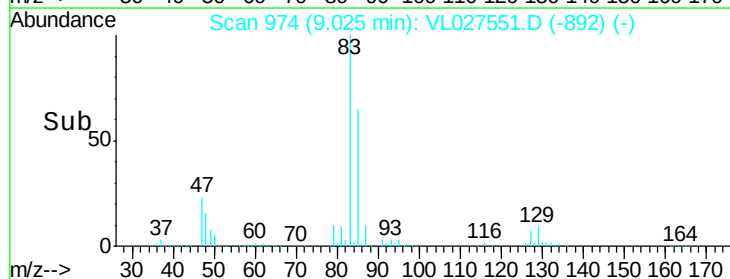
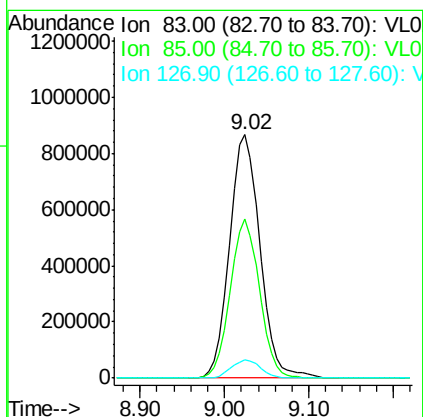
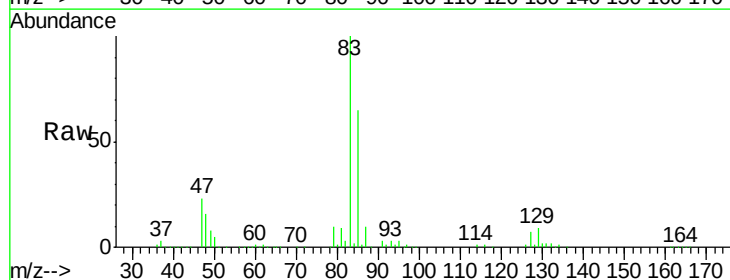
Instrument :
BNA_M
ClientSampleId :

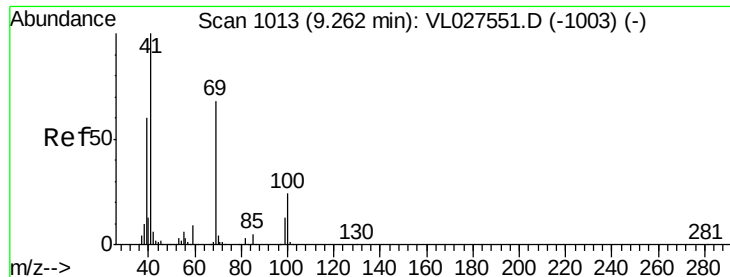
Tot Ion: 42 Resp: 1093910
Ion Ratio Lower Upper
42 100
72 38.6 30.9 46.3
71 36.2 29.0 43.4



#42
Bromodichloromethane
Concen: 9.57 ppbv
RT: 9.02 min Scan# 974
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

Tgt Ion: 83 Resp: 2130419
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.4
127 7.3 5.8 8.8

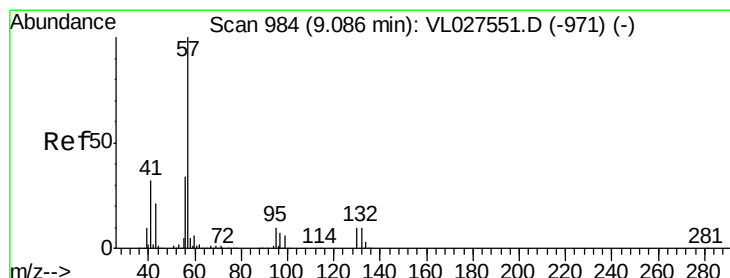
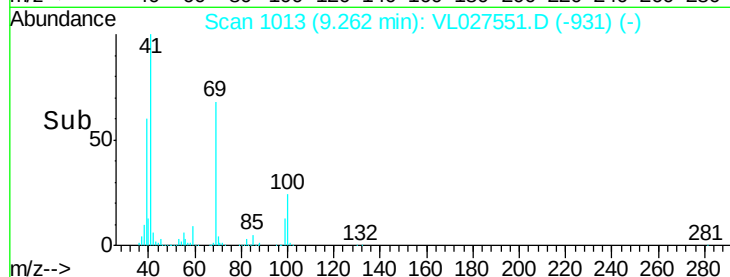
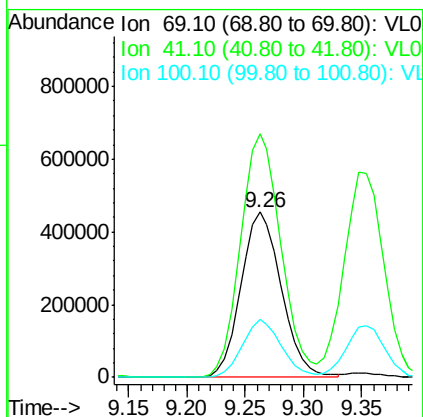
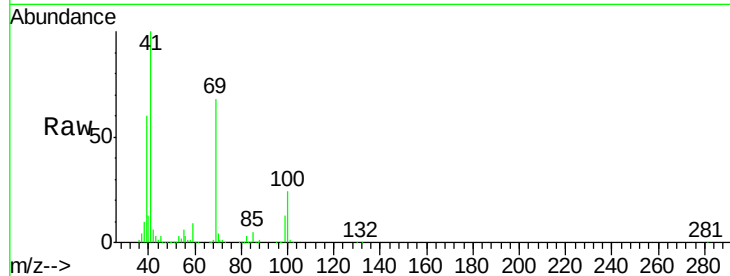




#43
Methvl Methacrylate
Concen: 9.26 ppbv
RT: 9.26 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

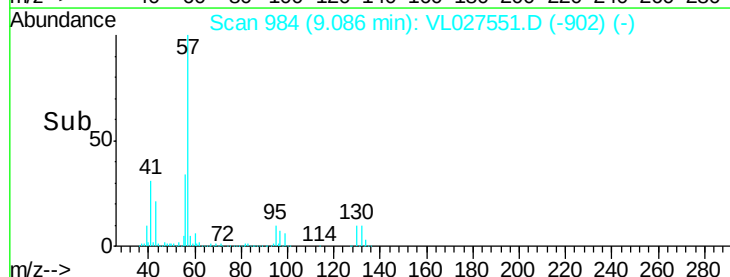
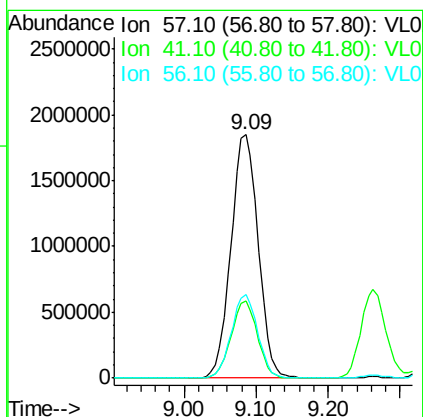
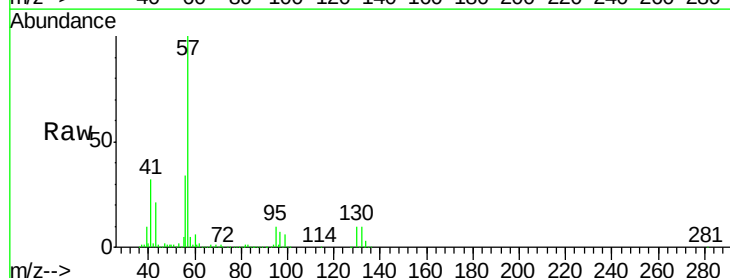
Instrument :
BNA_M
ClientSampleId :

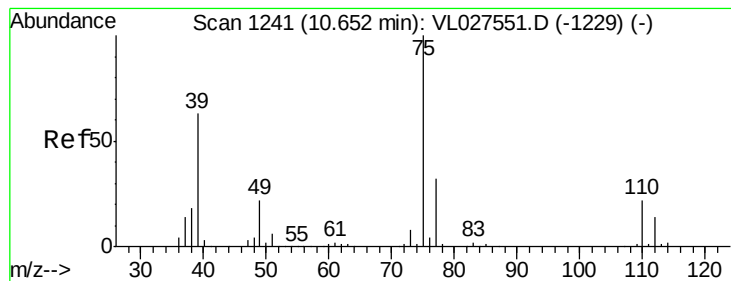
Tot Ion: 69 Resp: 1101853
Ion Ratio Lower Upper
69 100
41 147.0 117.6 176.4
100 33.6 26.9 40.3



#44
2,2,4-Trimethylpentane
Concen: 8.91 ppbv
RT: 9.09 min Scan# 984
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

Tgt Ion: 57 Resp: 4853873
Ion Ratio Lower Upper
57 100
41 30.5 24.5 36.7
56 33.2 26.6 39.8





#45

t-1,3-Dichloropropene

Concen: 9.61 ppbv

RT: 10.65 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

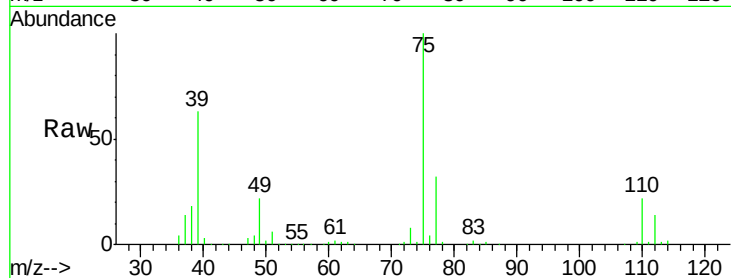
ClientSampleId :

Tot Ion: 75 Resp: 1561033

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

10.65

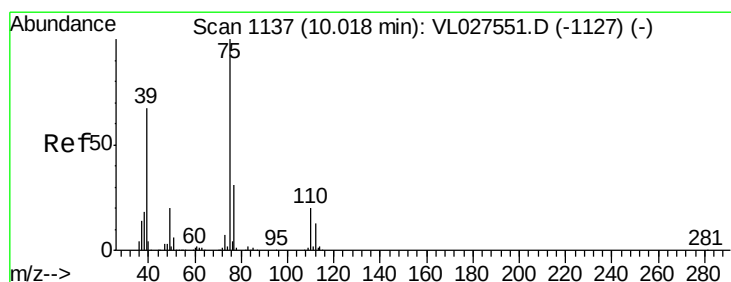
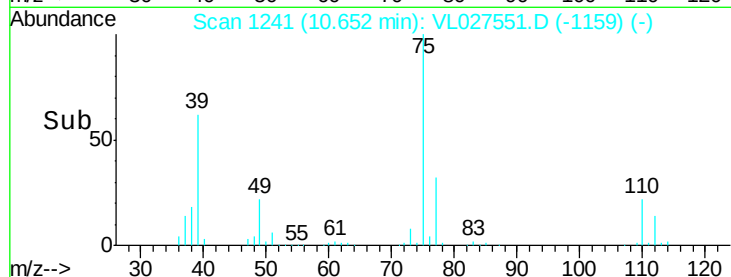
600000

400000

200000

0

Time-->



#46

cis-1,3-Dichloropropene

Concen: 9.31 ppbv

RT: 10.02 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

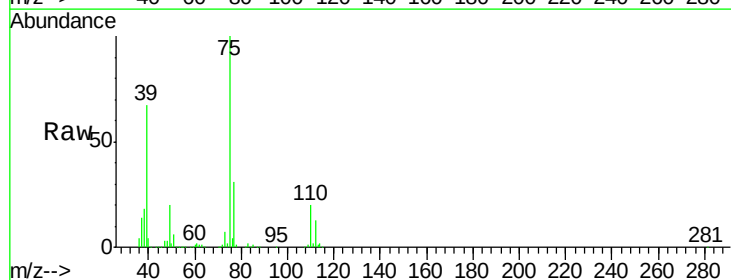
Tgt Ion: 75 Resp: 1863553

Ion Ratio Lower Upper

75 100

39 66.6 53.3 79.9

77 30.8 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

1000000

800000

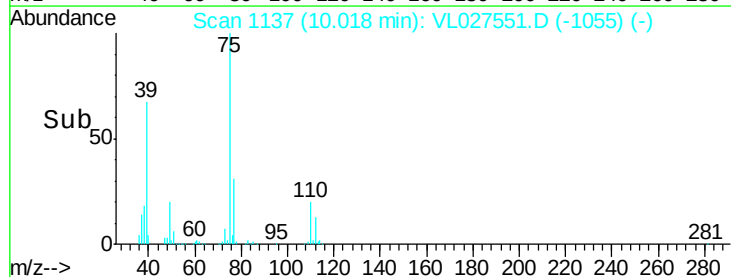
600000

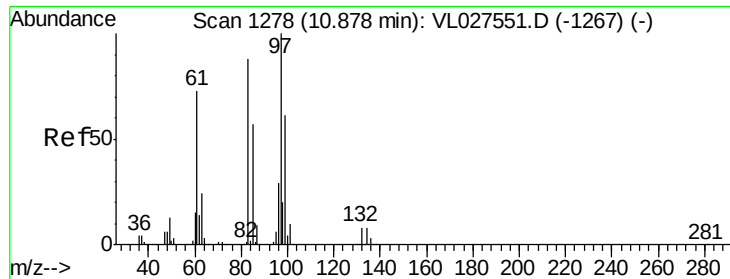
400000

200000

0

Time-->



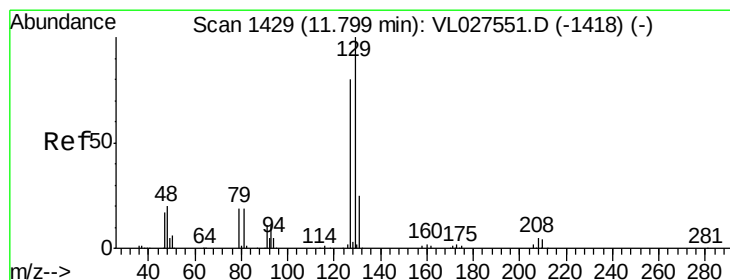
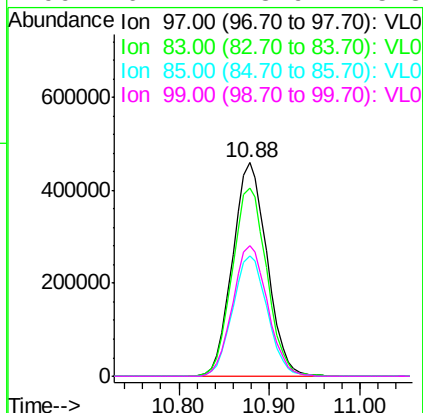
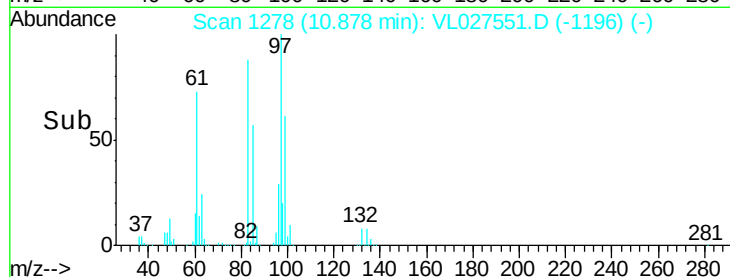
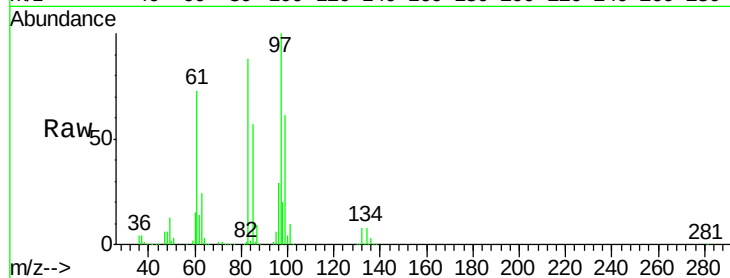


#47
 1,1,2-Trichloroethane
 Concen: 9.45 ppbv
 RT: 10.88 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 97 Resp: 1212579

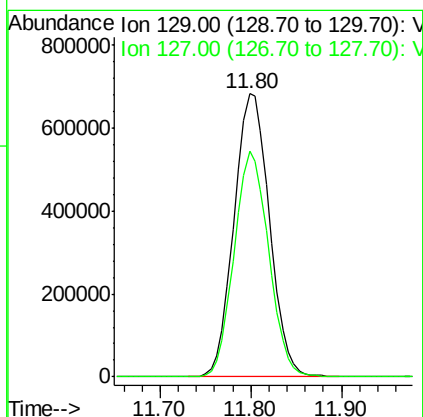
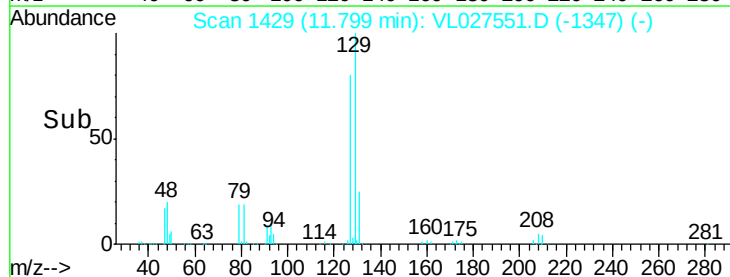
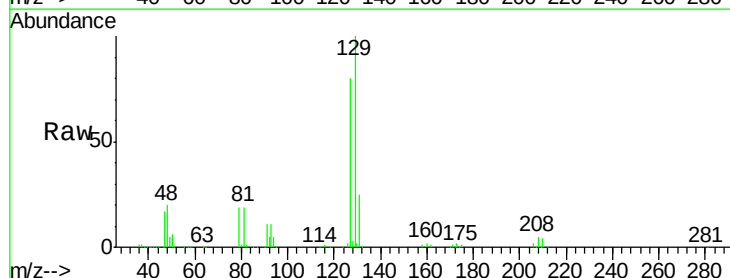
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.6	105.8
85	56.6	45.3	67.9
99	61.1	48.9	73.3

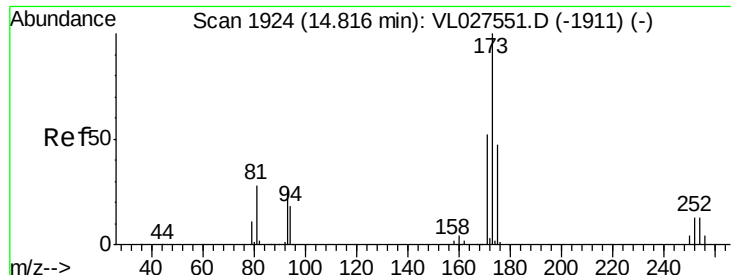


#48
 Dibromochloromethane
 Concen: 9.97 ppbv
 RT: 11.80 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Tgt Ion: 129 Resp: 1855935

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.2





#49

Bromoform

Concen: 10.18 ppbv

RT: 14.82 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

ClientSampleId :

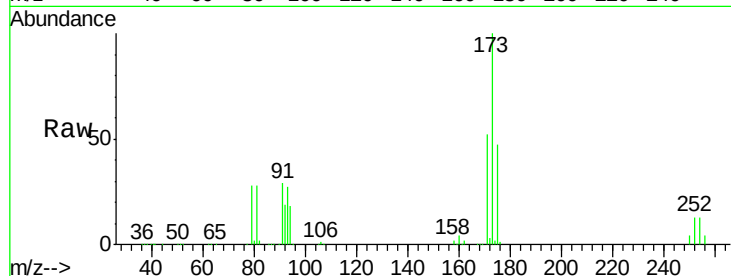
Tot Ion:173 Resp: 1487250

Ion Ratio Lower Upper

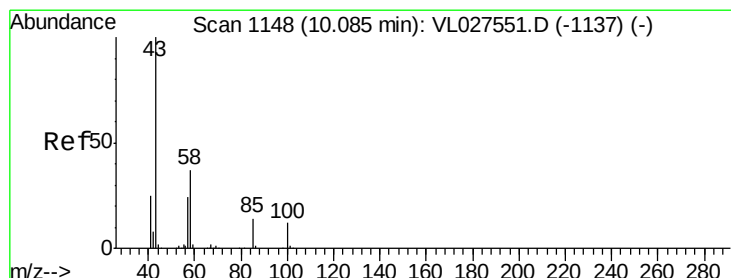
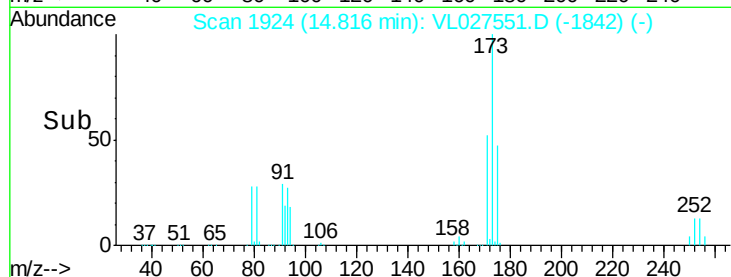
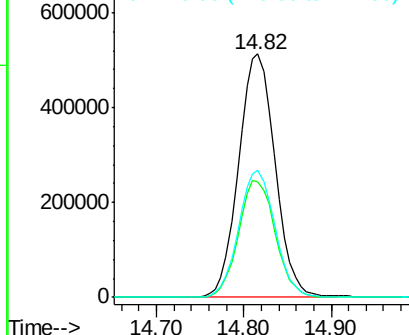
173 100

175 48.7 39.0 58.4

171 52.0 41.6 62.4



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.17 ppbv

RT: 10.09 min Scan# 1148

Delta R.T. 0.00 min

Lab File: VL027551.D

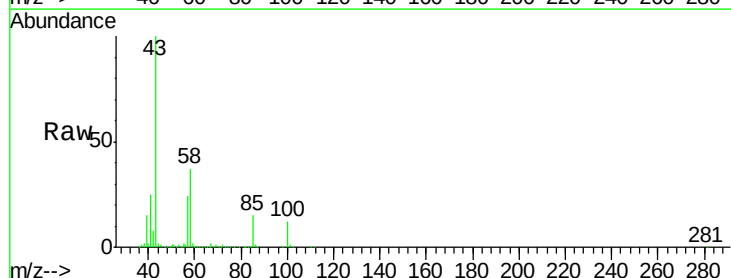
Acq: 19 Apr 2016 14:24

Tgt Ion: 43 Resp: 2463160

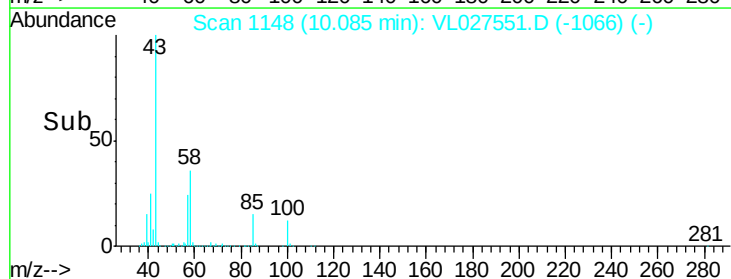
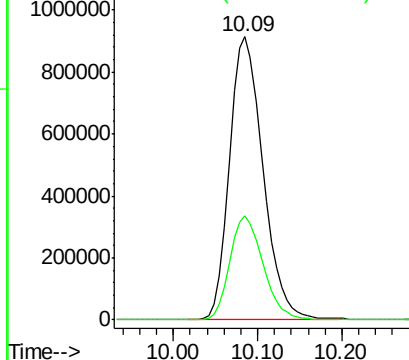
Ion Ratio Lower Upper

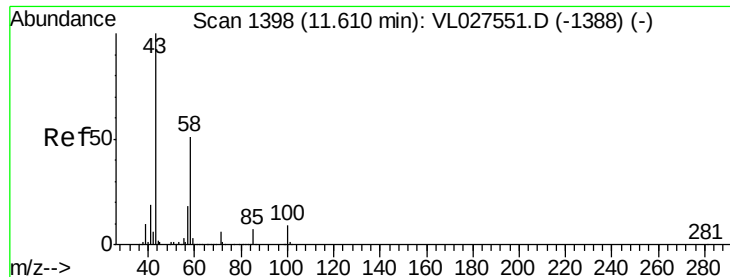
43 100

58 36.4 29.1 43.7



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 9.36 ppbv

RT: 11.61 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

ClientSampled :

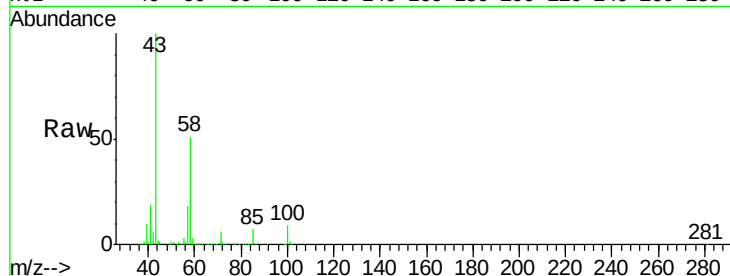
Tot Ion: 43 Resp: 2310397

Ion Ratio Lower Upper

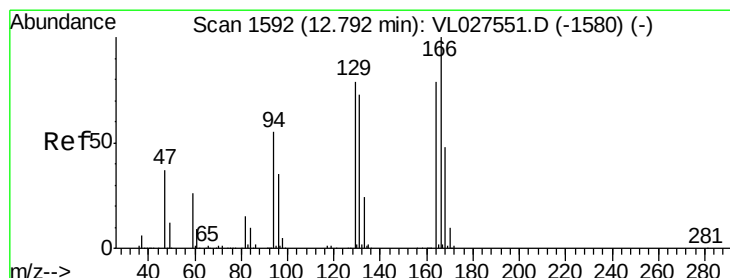
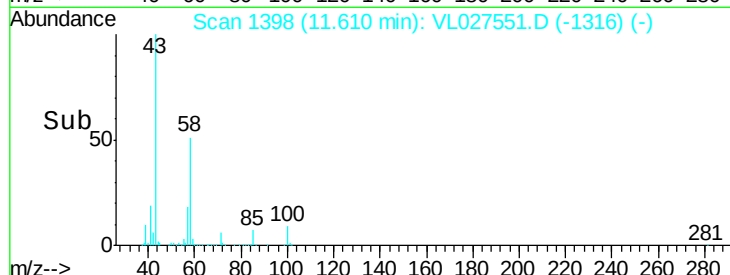
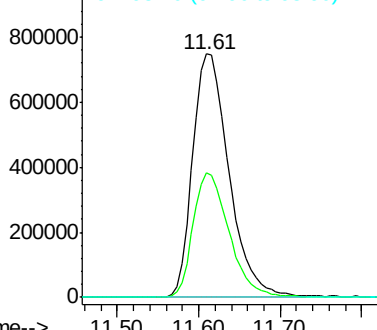
43 100

58 51.1 40.7 61.1

98 0.1 0.1 0.1



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 9.00 ppbv

RT: 12.79 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Tgt Ion: 164 Resp: 1155780

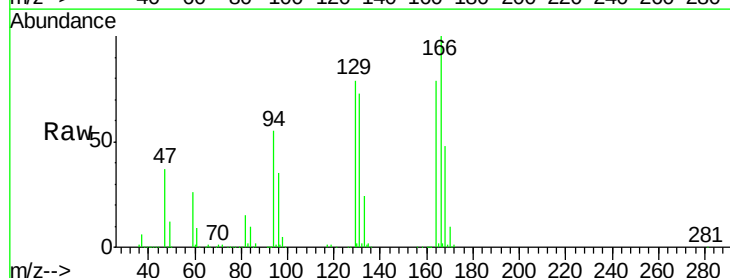
Ion Ratio Lower Upper

164 100

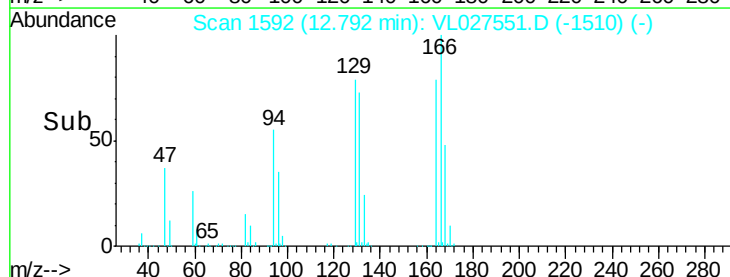
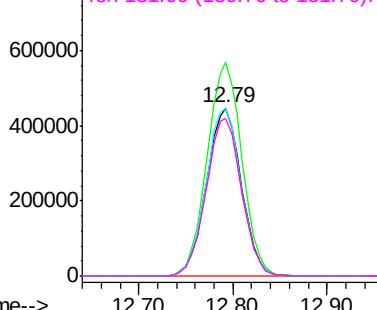
166 127.2 101.8 152.6

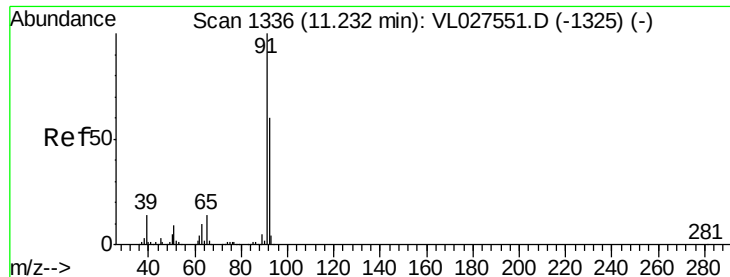
129 99.9 79.9 119.9

131 93.5 74.8 112.2



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 9.10 ppbv

RT: 11.23 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

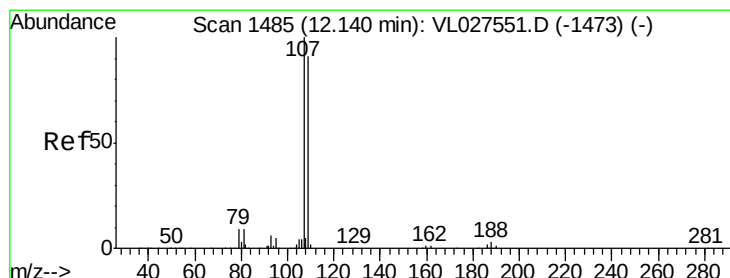
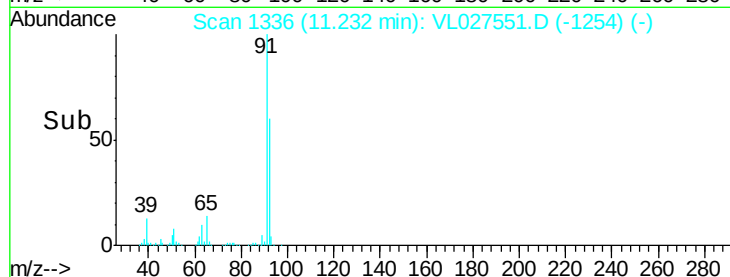
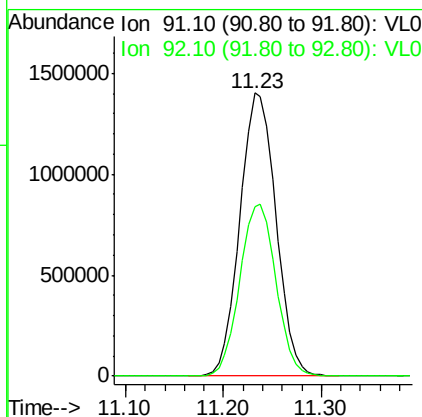
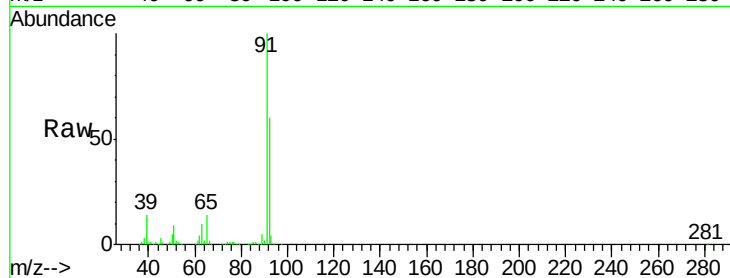
ClientSampleId :

Tot Ion: 91 Resp: 3615953

Ion Ratio Lower Upper

91 100

92 61.0 48.7 73.1



#54

1,2-Dibromoethane

Concen: 9.60 ppbv

RT: 12.14 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VL027551.D

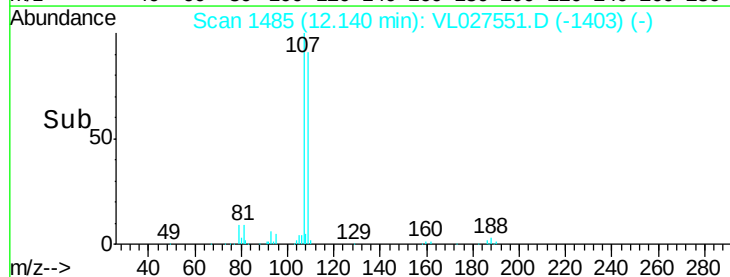
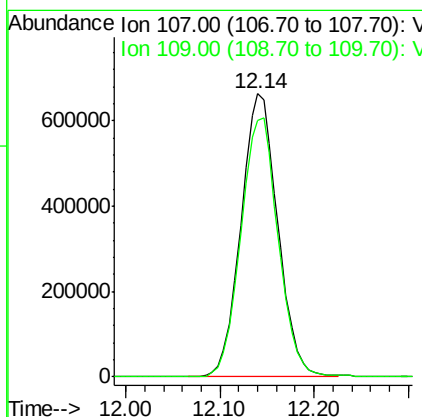
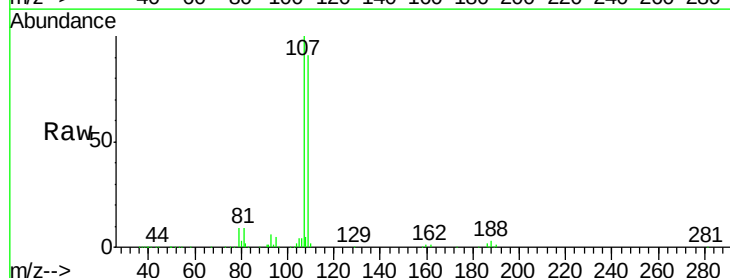
Acq: 19 Apr 2016 14:24

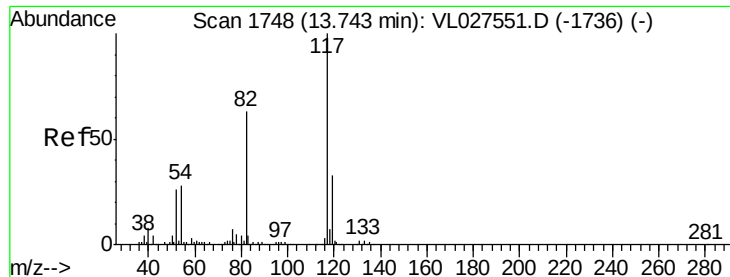
Tgt Ion: 107 Resp: 1809935

Ion Ratio Lower Upper

107 100

109 90.6 72.5 108.7

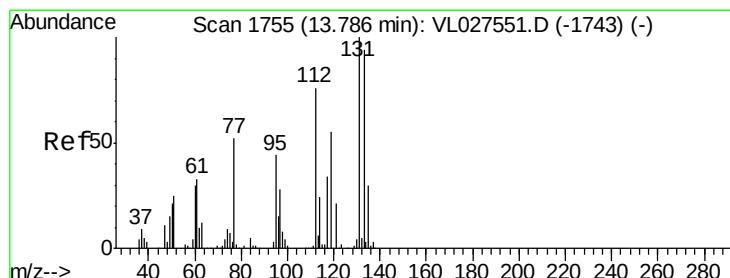
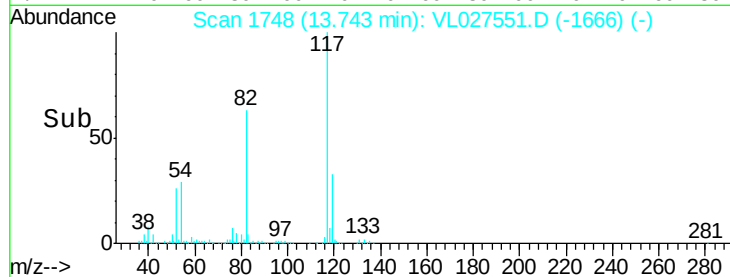
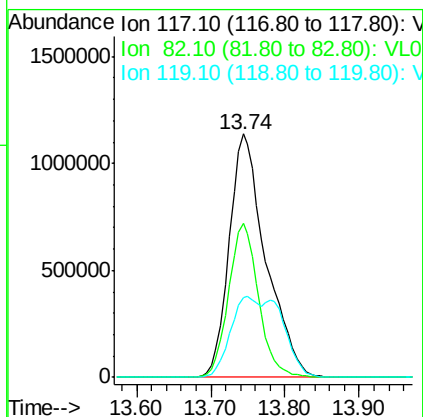
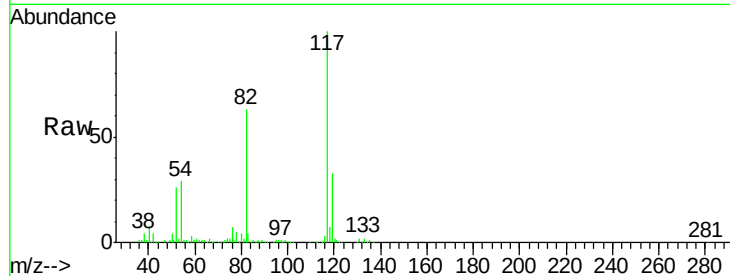




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.74 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

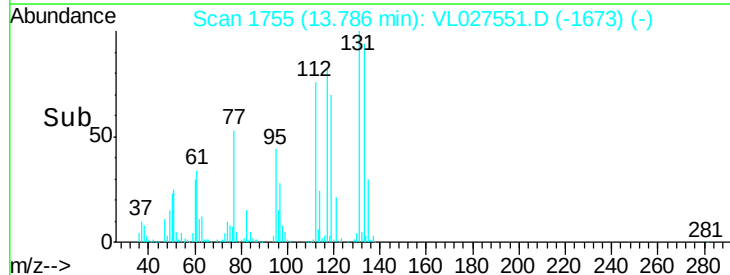
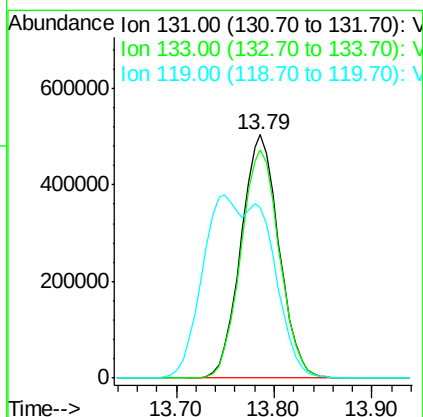
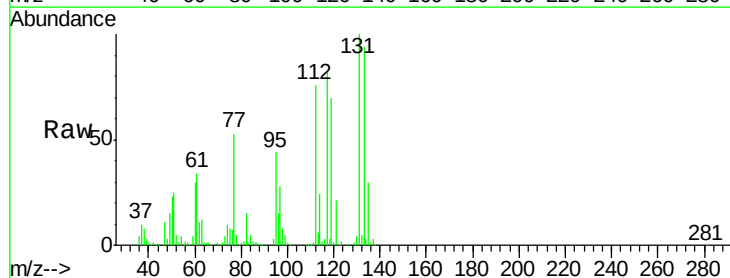
Instrument :
BNA_M
ClientSampleId :

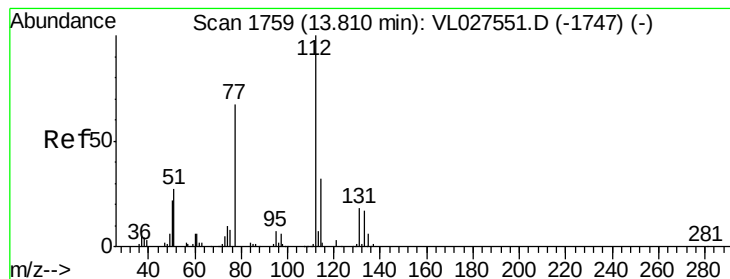
Tot Ion:117 Resp: 3919966
Ion Ratio Lower Upper
117 100
82 51.9 51.3 76.9
119 47.0 46.5 69.7



#56
1,1,1,2-Tetrachloroethane
Concen: 7.86 ppbv
RT: 13.79 min Scan# 1755
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

Tgt Ion:131 Resp: 1362422
Ion Ratio Lower Upper
131 100
133 95.9 76.6 114.8
119 135.2 108.2 162.2





#57

Chlorobenzene

Concen: 7.50 ppbv

RT: 13.81 min Scan# 1759

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

ClientSampleId :

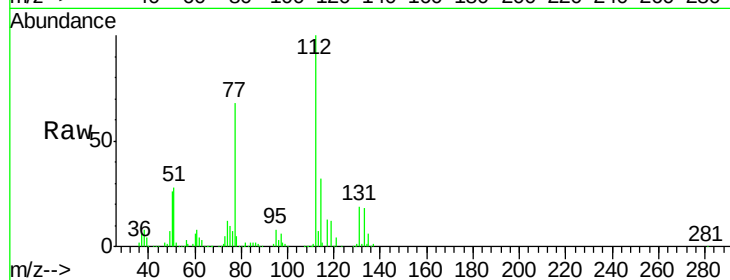
Tot Ion:112 Resp: 2845527

Ion	Ratio	Lower	Upper
112	100		
77	68.2	54.6	81.8
114	32.5	29.3	35.8

112 100

77 68.2 54.6 81.8

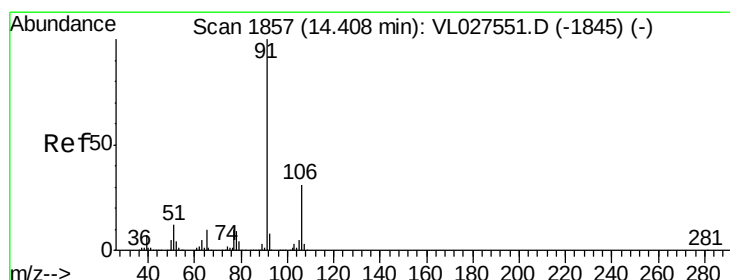
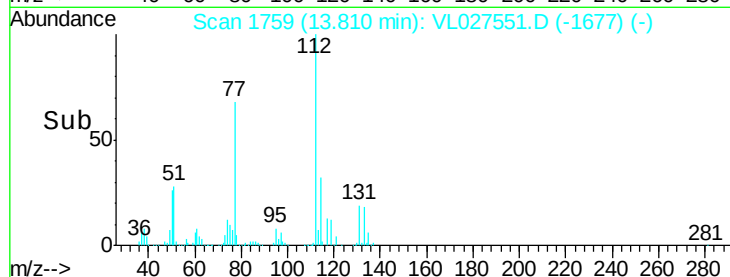
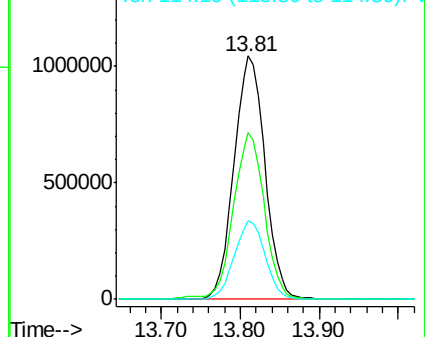
114 32.5 29.3 35.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 7.52 ppbv

RT: 14.41 min Scan# 1857

Delta R.T. 0.00 min

Lab File: VL027551.D

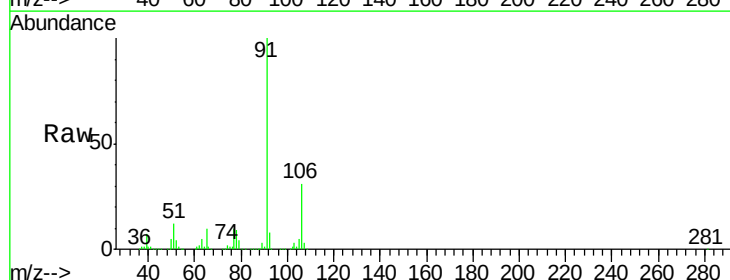
Acq: 19 Apr 2016 14:24

Tgt Ion: 91 Resp: 5017471

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.9	37.3

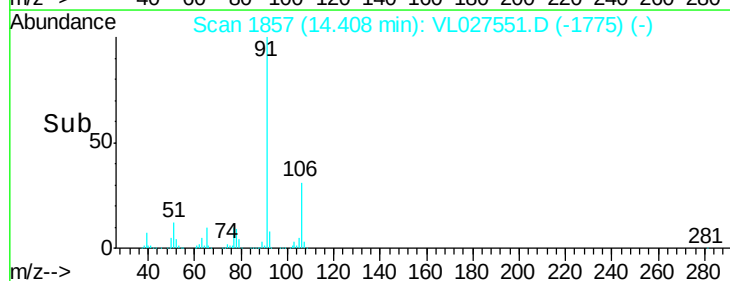
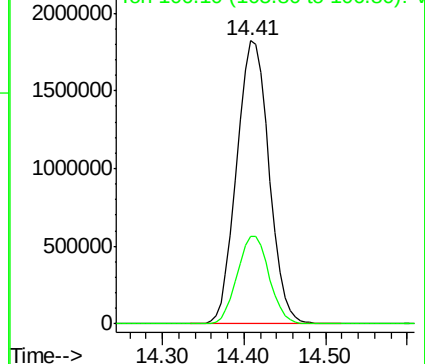
91 100

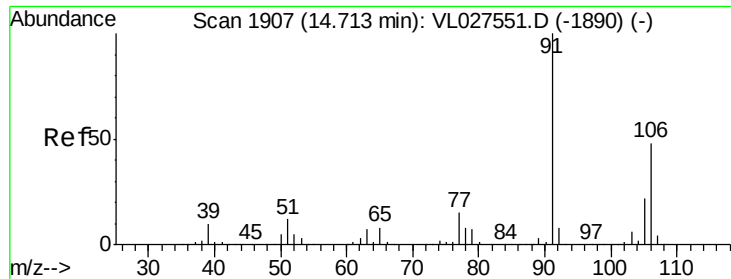
106 31.1 24.9 37.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

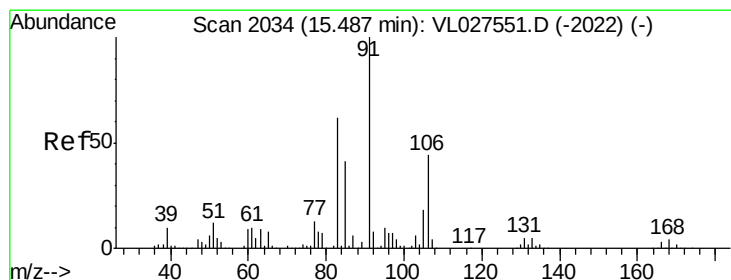
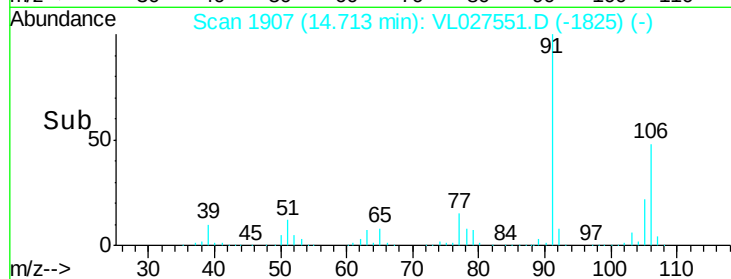
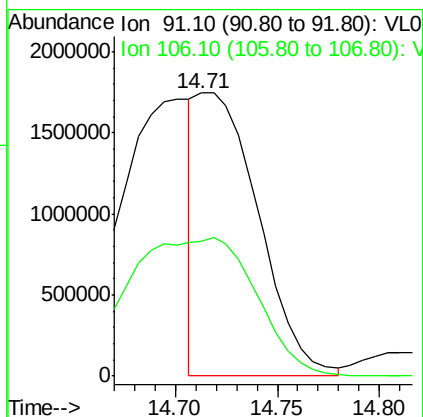
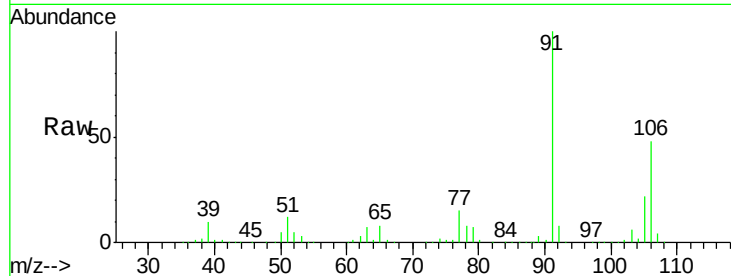




#59
m/p-Xylene
Concen: 6.93 ppbv
RT: 14.71 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

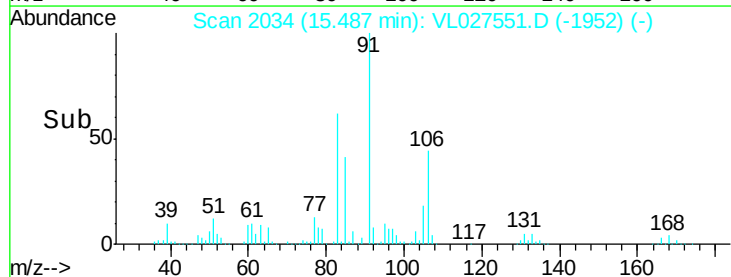
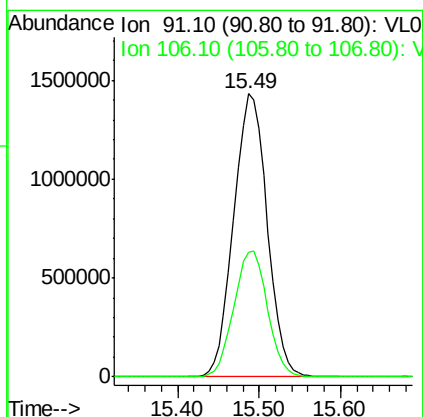
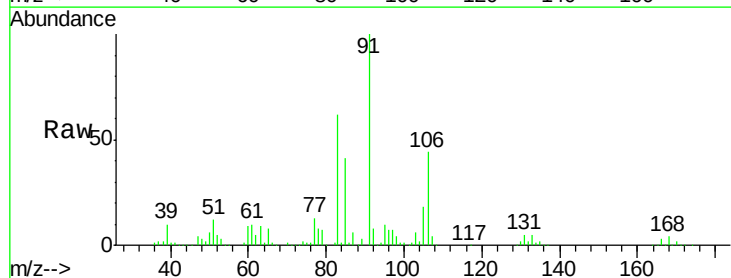
Instrument :
BNA_M
ClientSampleId :

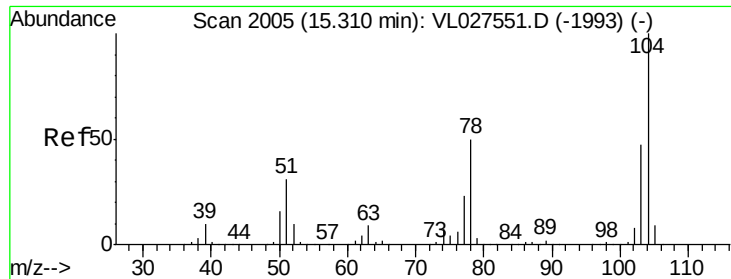
Tot Ion: 91 Resp: 3635656
Ion Ratio Lower Upper
91 100
106 104.1 38.3 57.5#



#60
o-Xylene
Concen: 7.51 ppbv
RT: 15.49 min Scan# 2034
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

Tgt Ion: 91 Resp: 4068732
Ion Ratio Lower Upper
91 100
106 45.0 22.4 67.3

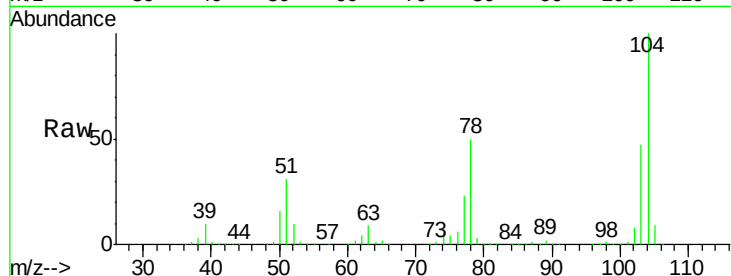




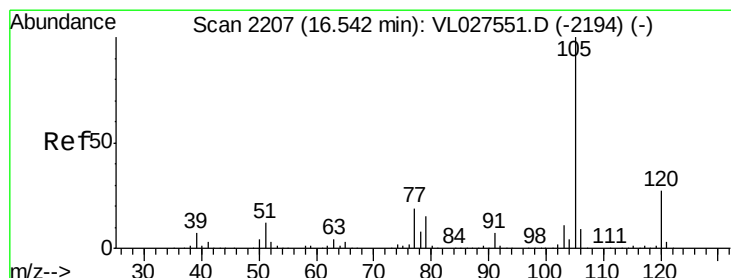
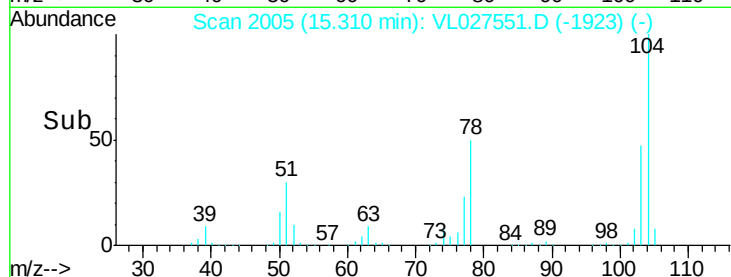
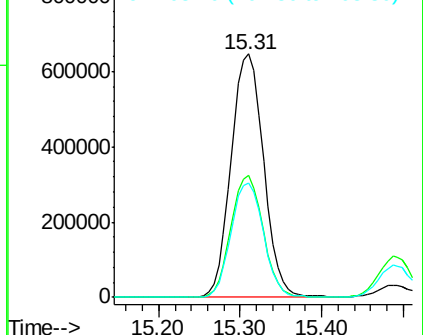
#61
Stvrene
Concen: 7.62 ppbv
RT: 15.31 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:104 Resp: 1787294
Ion Ratio Lower Upper
104 100
78 49.6 39.7 59.5
103 46.9 37.5 56.3

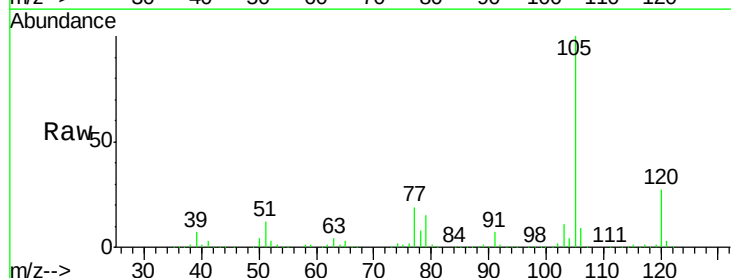


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

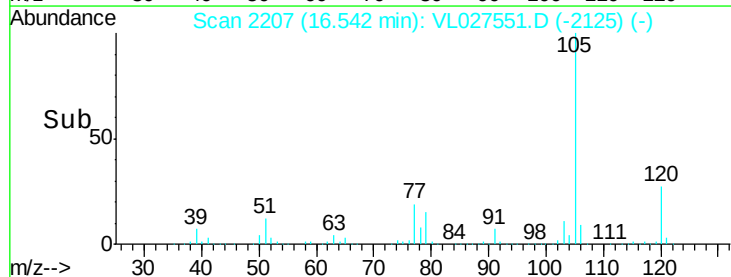
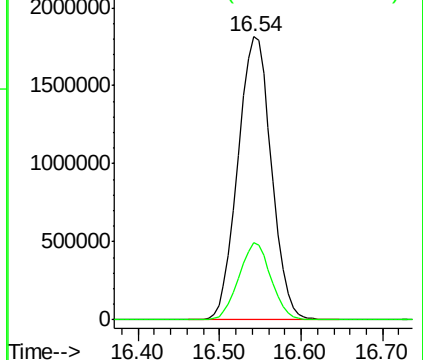


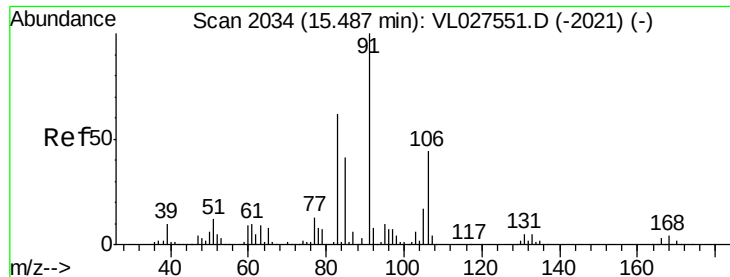
#62
Isopropylbenzene
Concen: 7.49 ppbv
RT: 16.54 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VL027551.D
Acq: 19 Apr 2016 14:24

Tgt Ion:105 Resp: 5186777
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V

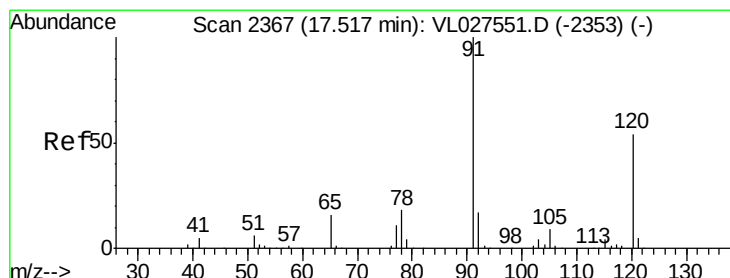
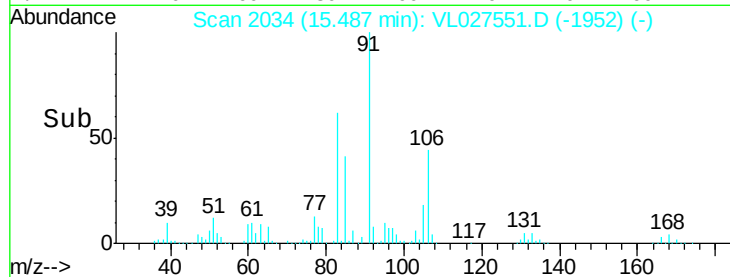
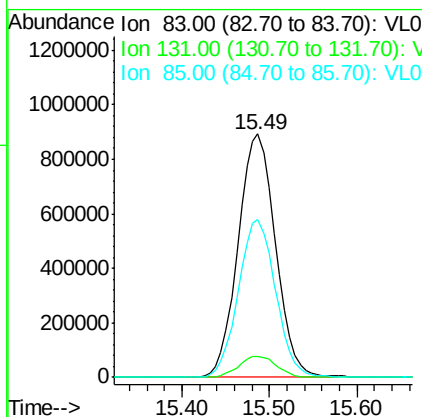
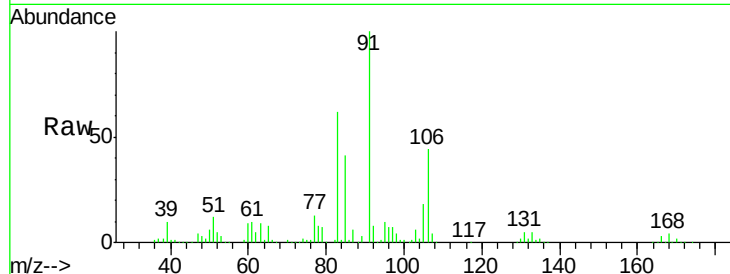




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.11 ppbv
 RT: 15.49 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

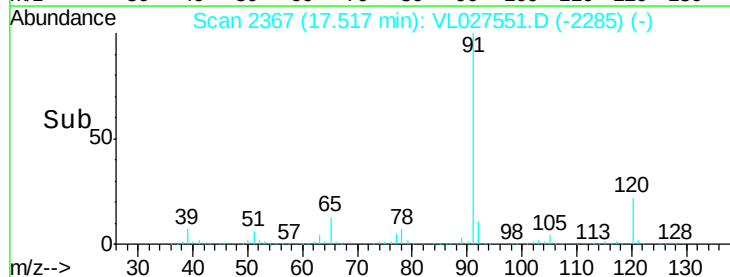
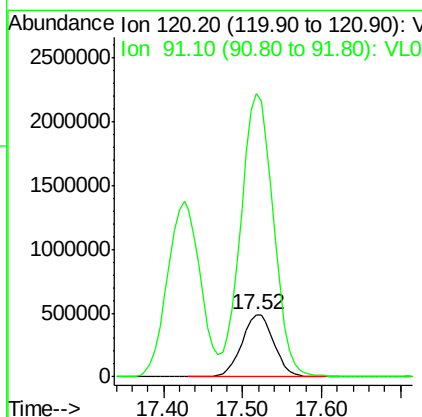
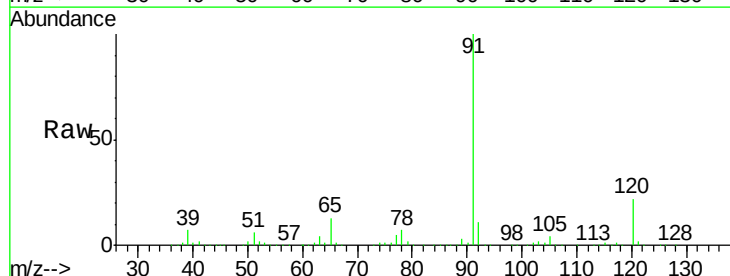
Instrument :
 BNA_M
 ClientSampleId :

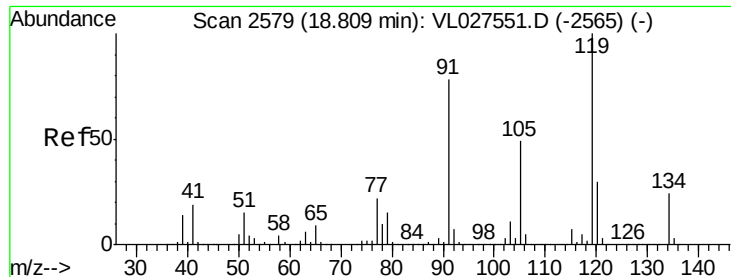
Tot Ion: 83 Resp: 2657999
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.4 13.2
 85 65.0 32.5 97.5



#64
 n-propylbenzene
 Concen: 7.50 ppbv
 RT: 17.52 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Tgt Ion:120 Resp: 1372786
 Ion Ratio Lower Upper
 120 100
 91 461.4 373.0 559.6

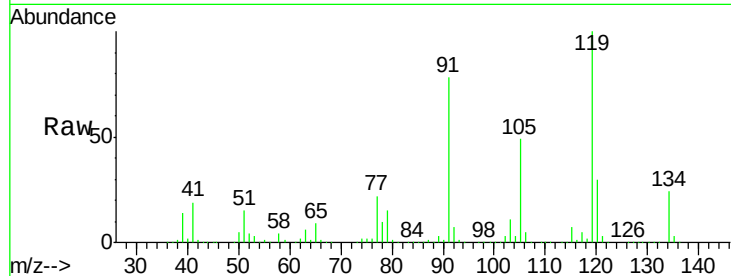




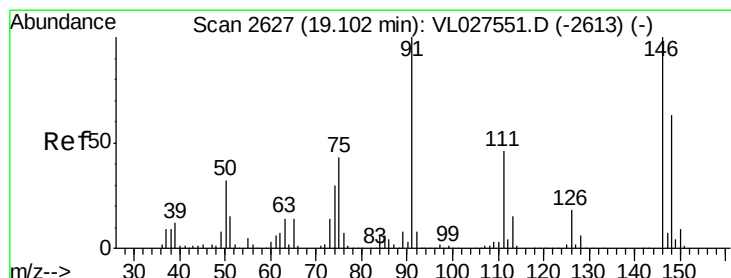
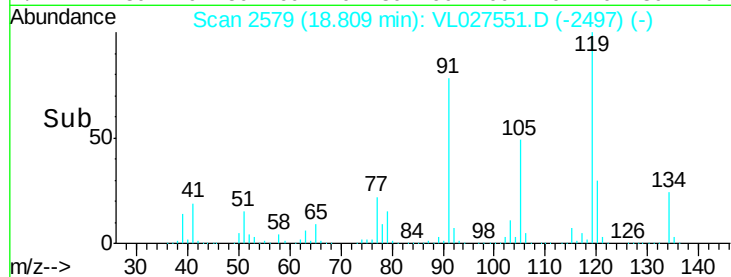
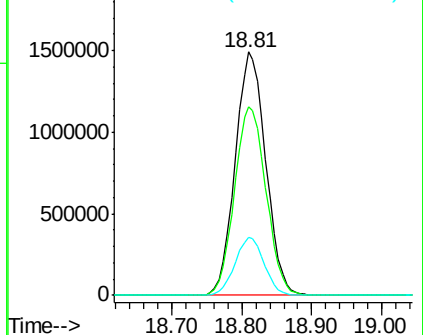
#65
 tert-Butylbenzene
 Concen: 7.42 ppbv
 RT: 18.81 min Scan# 2579
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:119 Resp: 4517053
 Ion Ratio Lower Upper
 119 100
 91 80.1 64.1 96.1
 134 22.6 18.1 27.1

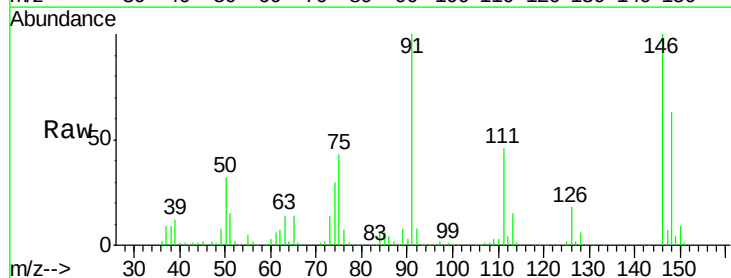


Abundance Ion 119.20 (118.90 to 119.90): V
 Ion 91.10 (90.80 to 91.80): VL0
 Ion 134.20 (133.90 to 134.90): V

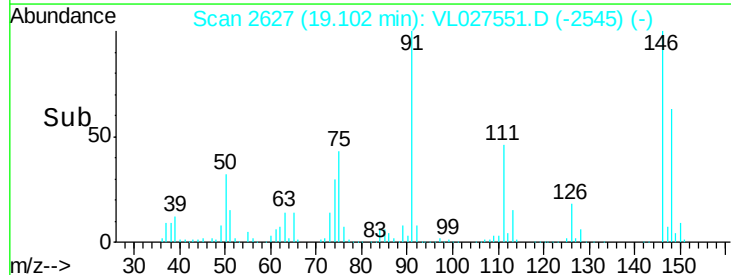
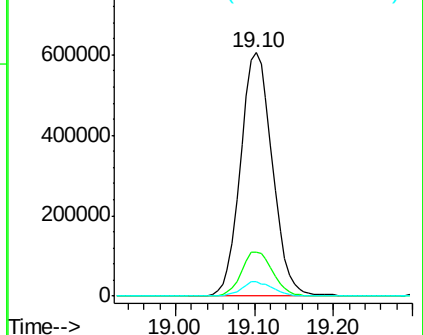


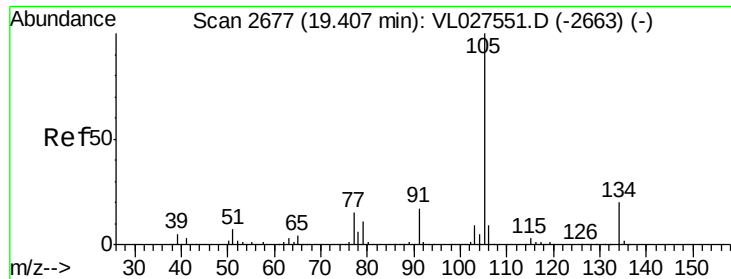
#66
 Benzyl Chloride
 Concen: 7.67 ppbv
 RT: 19.10 min Scan# 2627
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Tgt Ion: 91 Resp: 1694673
 Ion Ratio Lower Upper
 91 100
 126 18.1 14.5 21.7
 128 5.8 4.6 7.0



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 126.10 (125.80 to 126.80): V
 Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 7.40 ppbv

RT: 19.41 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

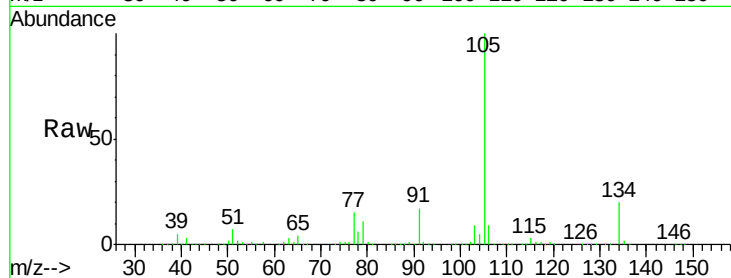
ClientSampleId :

Tot Ion:105 Resp: 6301133

Ion Ratio Lower Upper

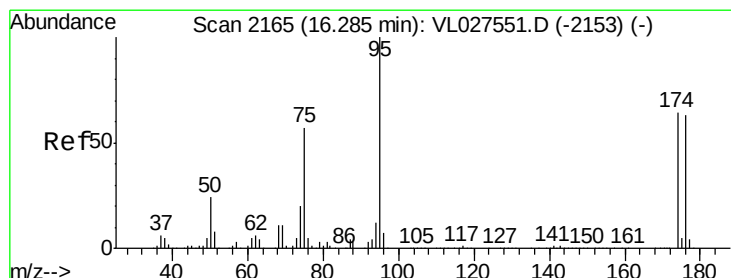
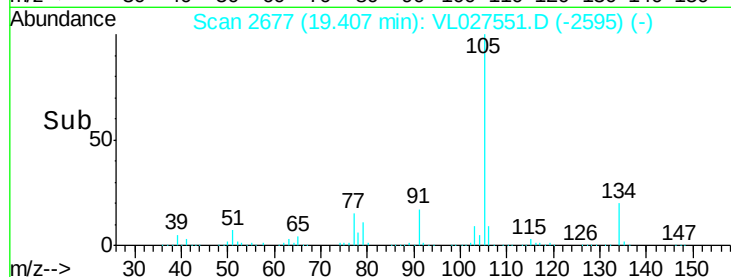
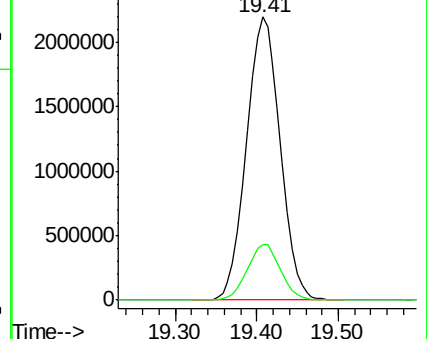
105 100

134 19.3 15.4 23.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 7.57 ppbv

RT: 16.29 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

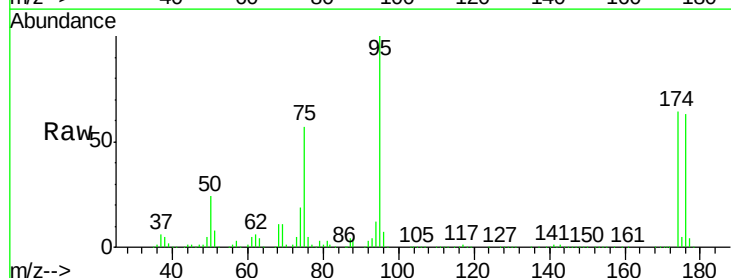
Tgt Ion: 95 Resp: 2243552

Ion Ratio Lower Upper

95 100

174 65.5 52.4 78.6

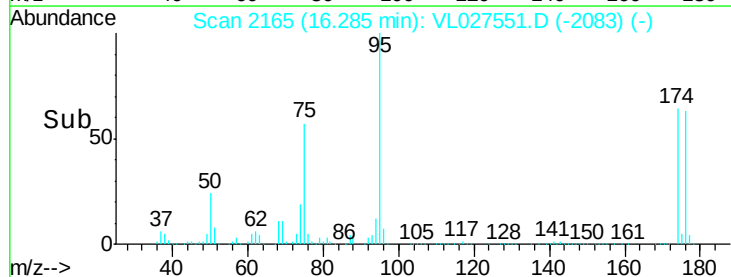
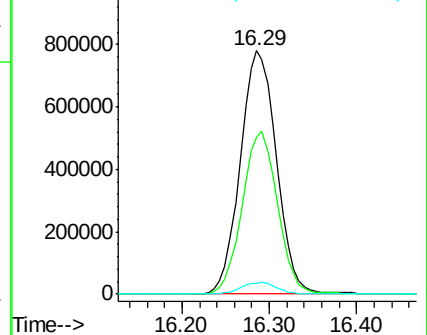
175 4.7 3.8 5.6

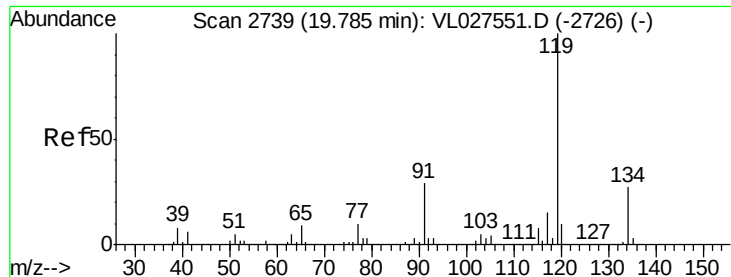


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

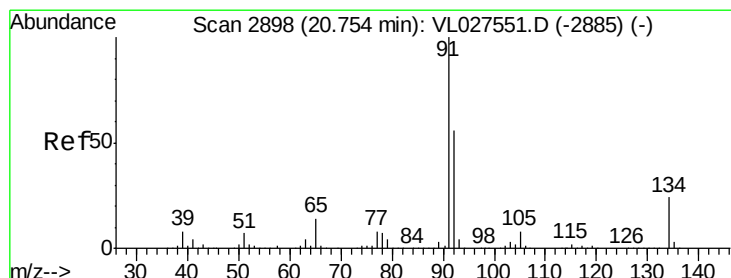
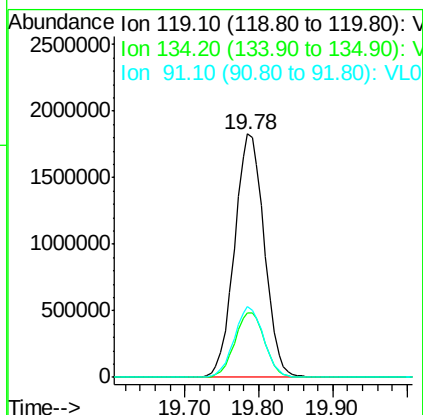
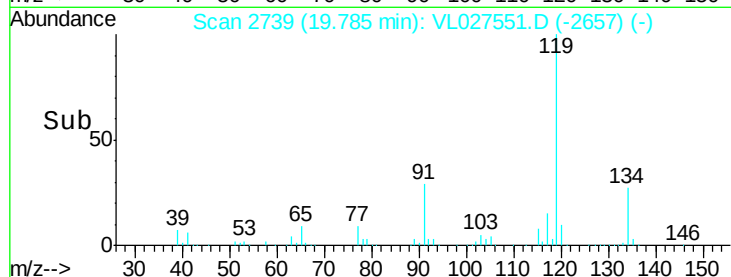
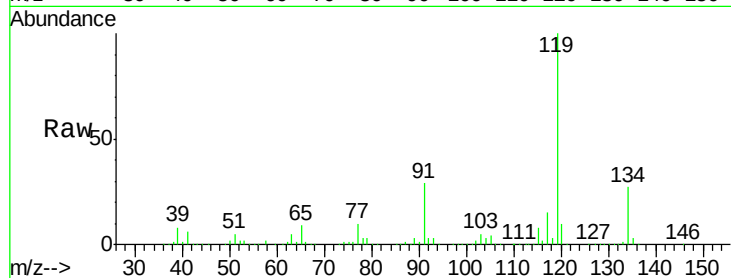




#69
 p-Isopropyltoluene
 Concen: 7.43 ppbv
 RT: 19.78 min Scan# 2739
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

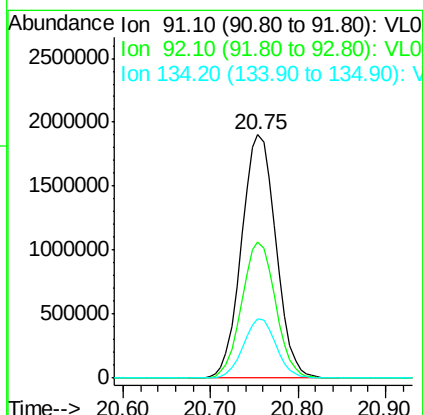
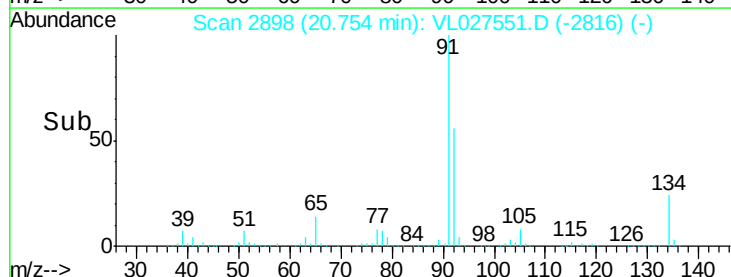
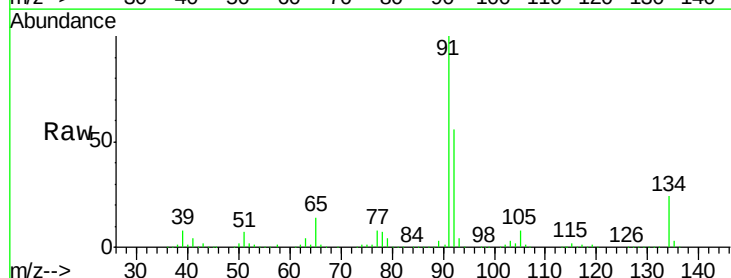
Instrument :
 BNA_M
 ClientSampled :

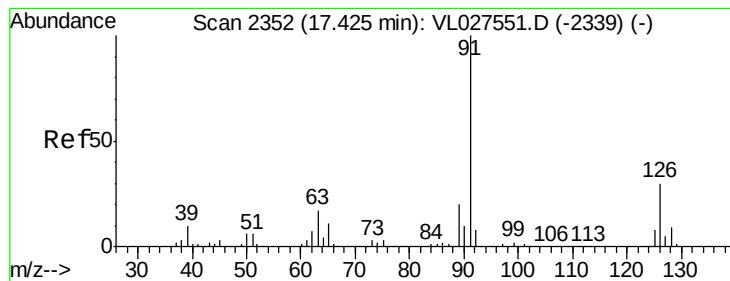
Tot Ion:119 Resp: 5113896
 Ion Ratio Lower Upper
 119 100
 134 26.7 21.4 32.0
 91 28.6 22.9 34.3



#70
 n-Butylbenzene
 Concen: 7.30 ppbv
 RT: 20.75 min Scan# 2898
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Tgt Ion: 91 Resp: 5194651
 Ion Ratio Lower Upper
 91 100
 92 55.0 44.0 66.0
 134 23.3 18.6 28.0

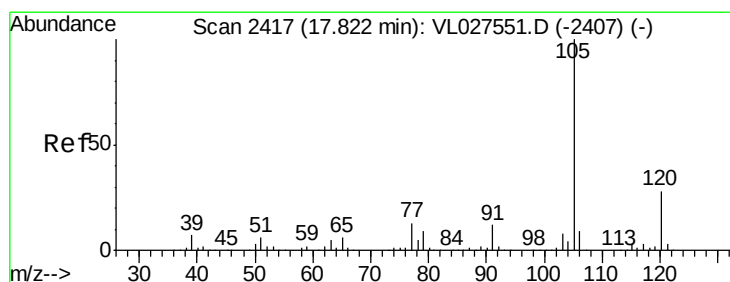
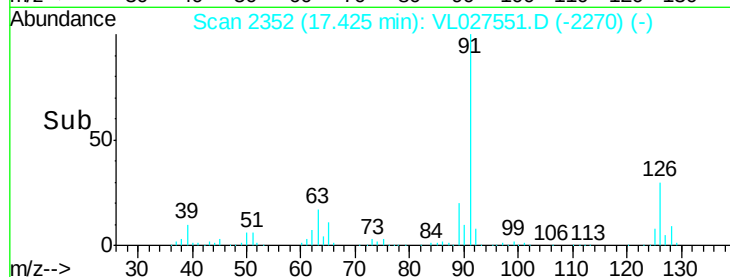
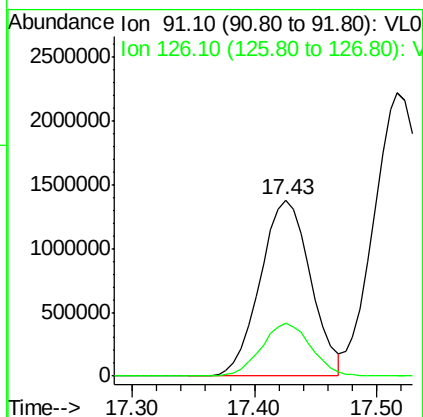
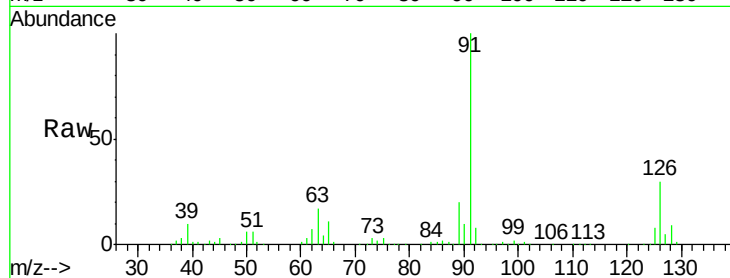




#71
 2-Chlorotoluene
 Concen: 7.42 ppbv
 RT: 17.43 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

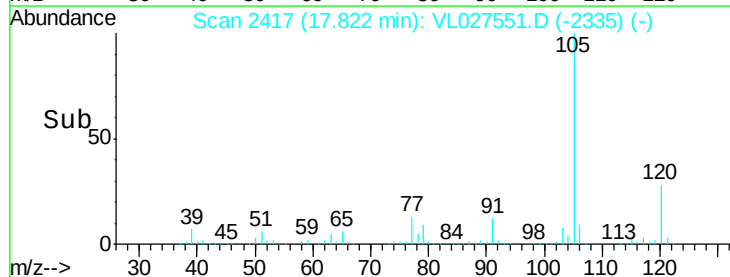
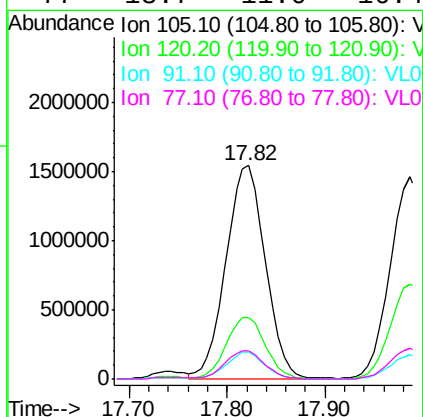
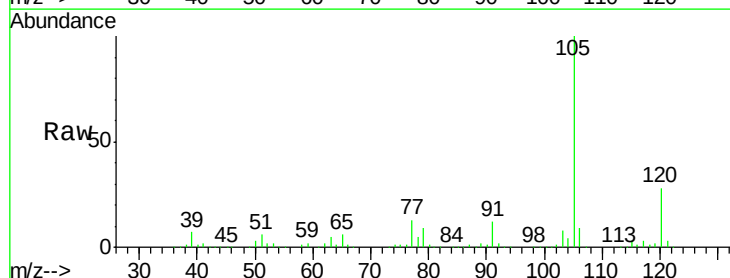
Instrument :
 BNA_M
 ClientSampled :

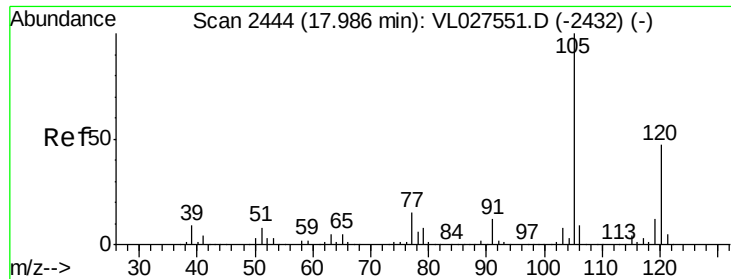
Tot Ion: 91 Resp: 3961762
 Ion Ratio Lower Upper
 91 100
 126 30.0 12.0 48.0



#72
 4-Ethyltoluene
 Concen: 7.54 ppbv
 RT: 17.82 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Tgt Ion:105 Resp: 4309254
 Ion Ratio Lower Upper
 105 100
 120 29.9 23.9 35.9
 91 12.6 10.1 15.1
 77 13.7 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 7.49 ppbv

RT: 17.99 min Scan# 2444

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

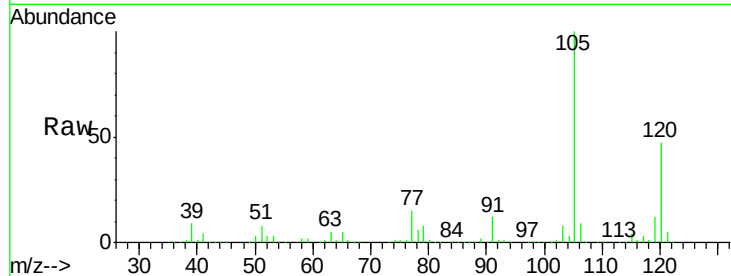
ClientSampleId :

Tot Ion:105 Resp: 4053279

Ion Ratio Lower Upper

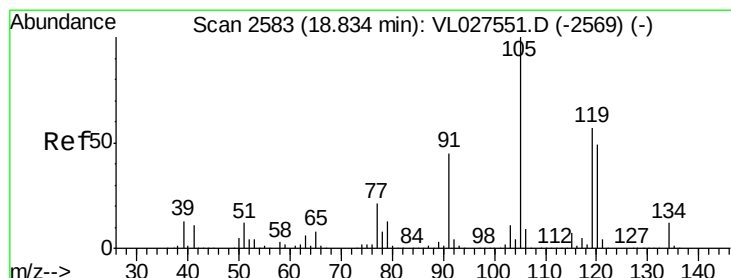
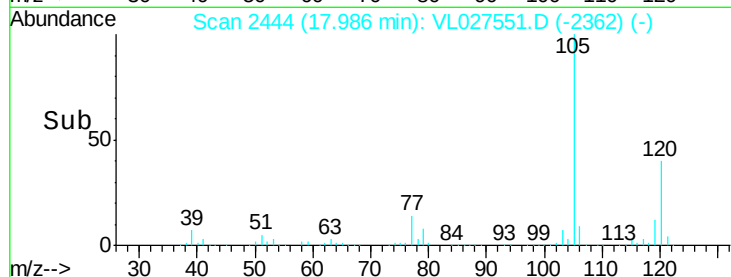
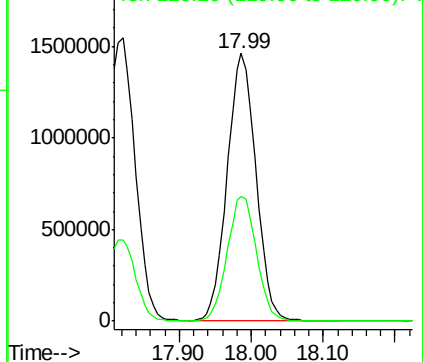
105 100

120 46.7 37.4 56.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 7.44 ppbv

RT: 18.83 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Tgt Ion:105 Resp: 4140395

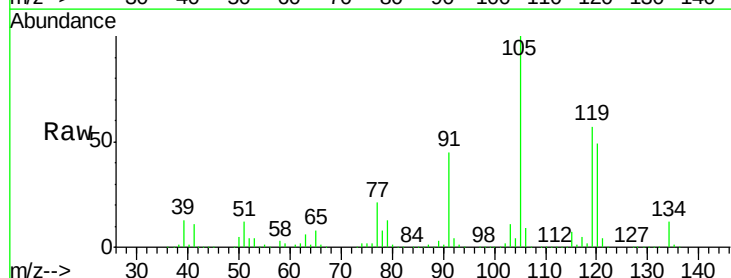
Ion Ratio Lower Upper

105 100

120 48.9 39.1 58.7

91 45.2 36.2 54.2

77 20.8 16.6 25.0

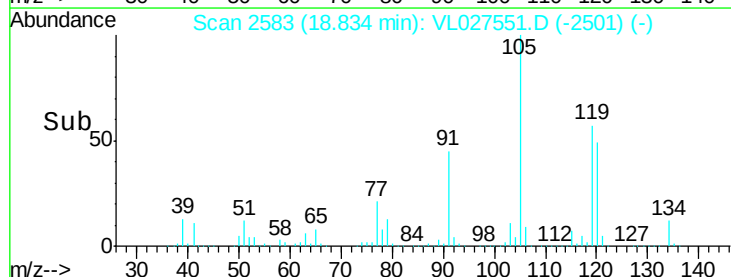
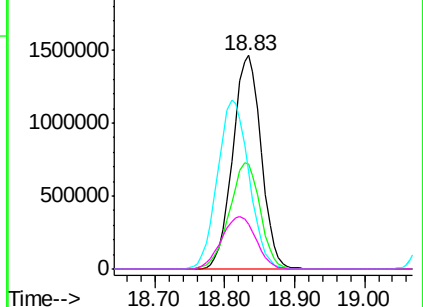


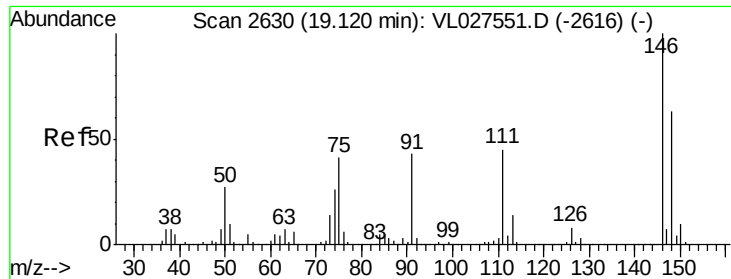
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#75

1,3-Dichlorobenzene

Concen: 7.61 ppbv

RT: 19.12 min Scan# 2630

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

ClientSampled :

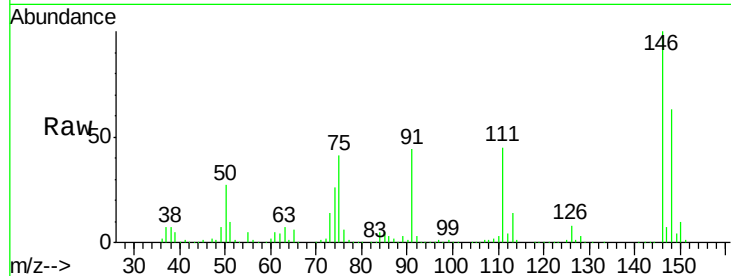
Tot Ion:146 Resp: 2506165

Ion Ratio Lower Upper

146 100

111 44.8 22.4 67.0

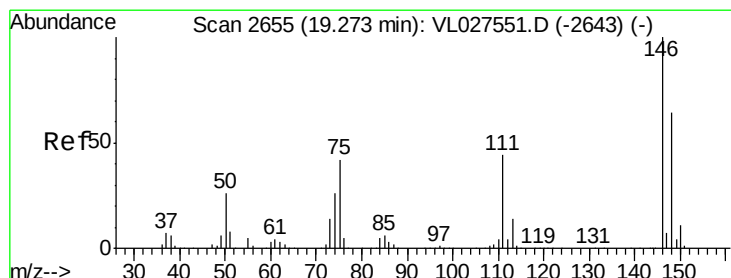
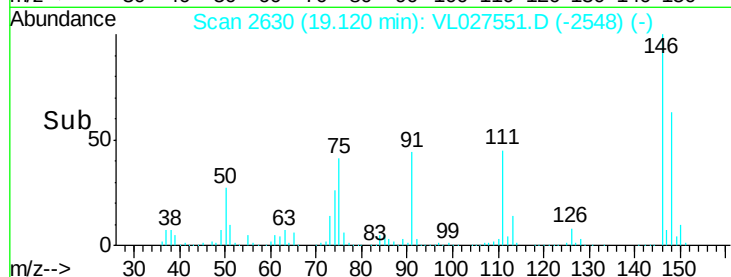
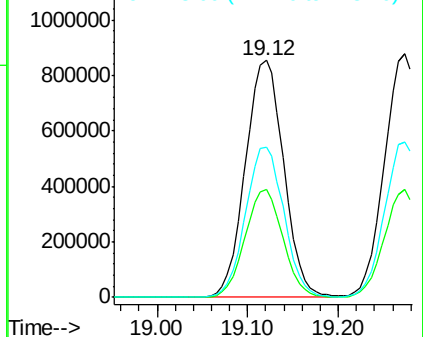
148 63.3 31.6 95.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 7.55 ppbv

RT: 19.27 min Scan# 2655

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

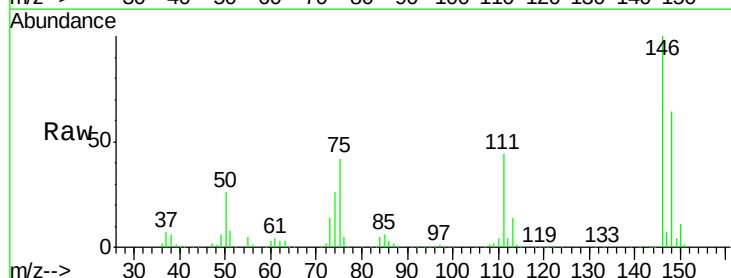
Tgt Ion:146 Resp: 2528868

Ion Ratio Lower Upper

146 100

111 44.1 22.0 66.0

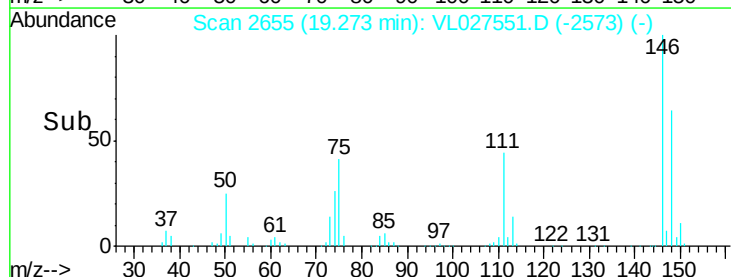
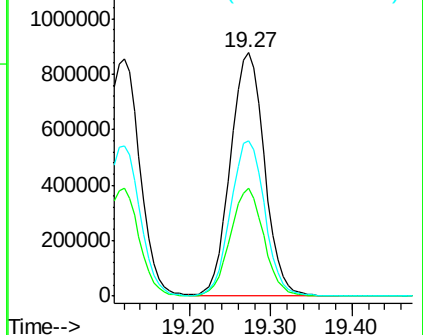
148 64.5 32.0 96.2

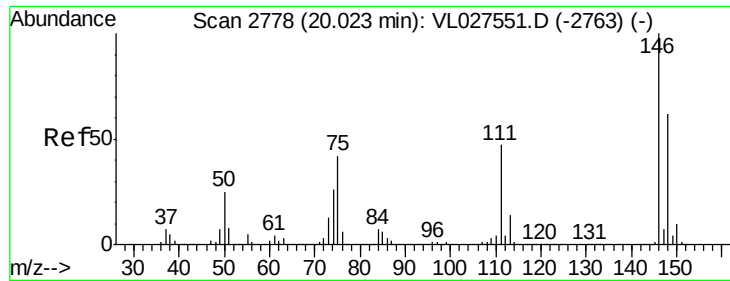


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

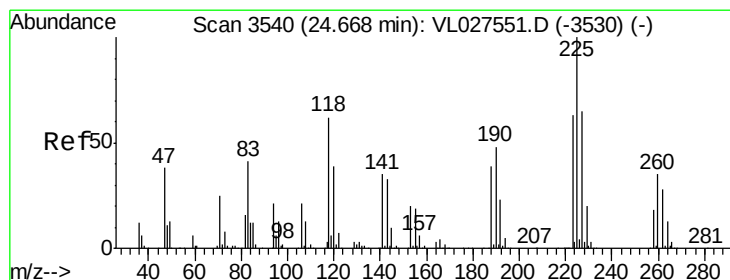
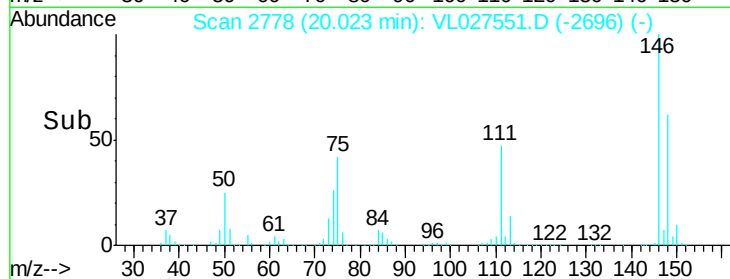
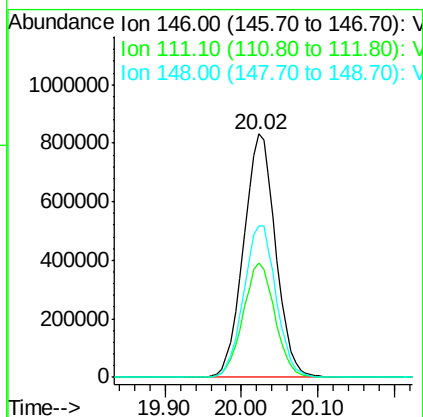
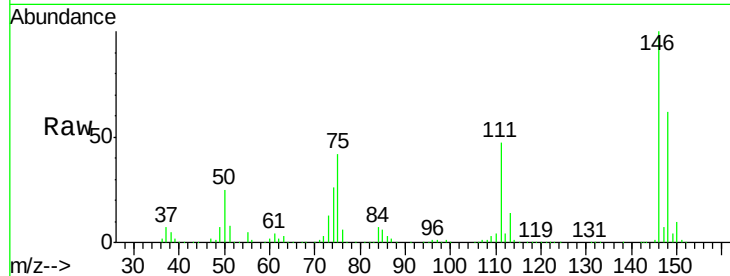




#77
 1,2-Dichlorobenzene
 Concen: 7.44 ppbv
 RT: 20.02 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

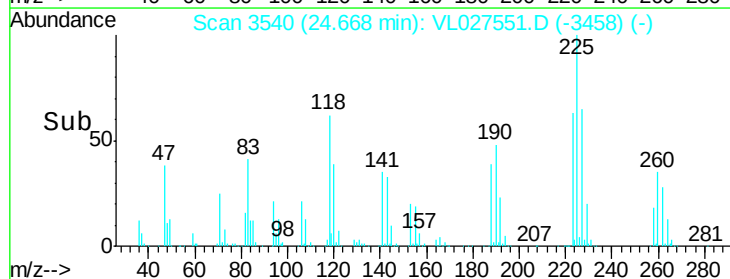
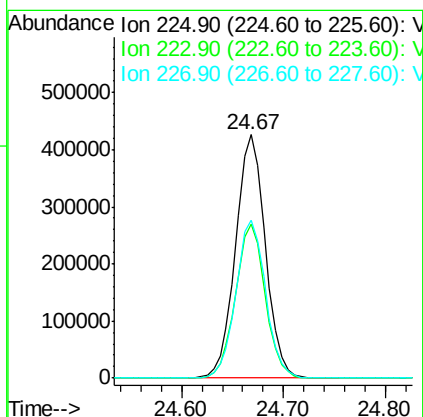
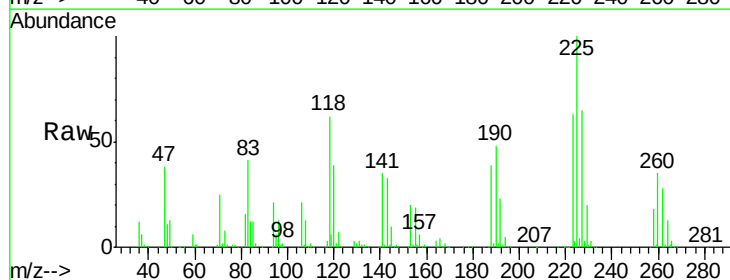
Instrument :
 BNA_M
 ClientSampleId :

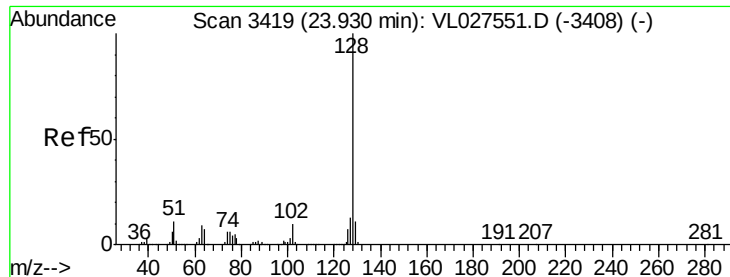
Tot Ion:146 Resp: 2420738
 Ion Ratio Lower Upper
 146 100
 111 46.7 23.4 70.2
 148 63.7 31.9 95.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 5.45 ppbv
 RT: 24.67 min Scan# 3540
 Delta R.T. 0.00 min
 Lab File: VL027551.D
 Acq: 19 Apr 2016 14:24

Tgt Ion:225 Resp: 861328
 Ion Ratio Lower Upper
 225 100
 223 63.1 50.5 75.7
 227 64.8 51.8 77.8





#79

Naphthalene

Concen: 5.32 ppbv

RT: 23.93 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

ClientSampleId :

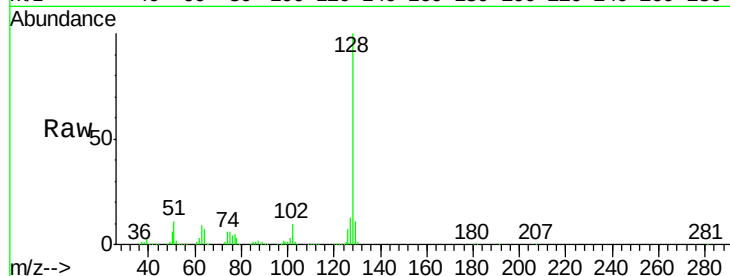
Tot Ion:128 Resp: 2328526

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

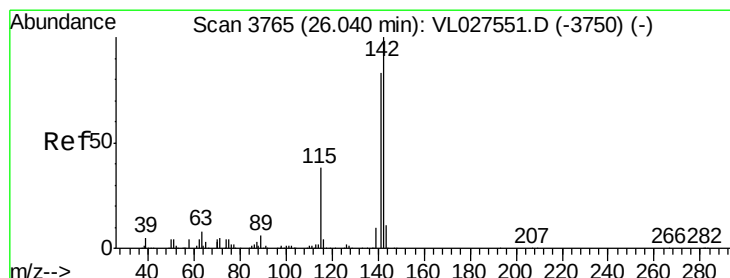
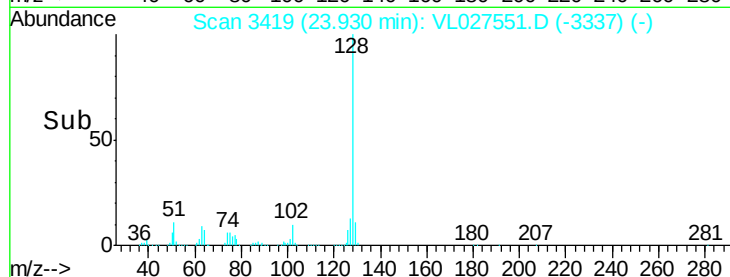
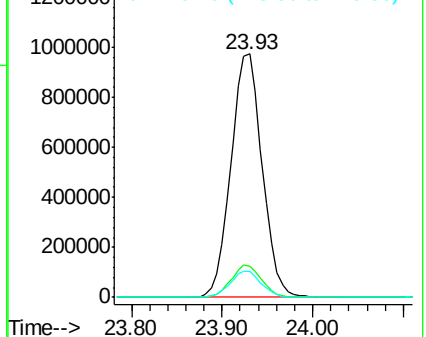
129 10.6 8.5 12.7



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 8.55 ppbv

RT: 26.04 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

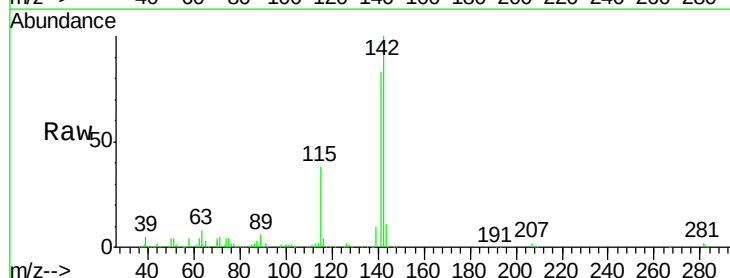
Tgt Ion:142 Resp: 671081

Ion Ratio Lower Upper

142 100

141 83.3 67.3 100.9

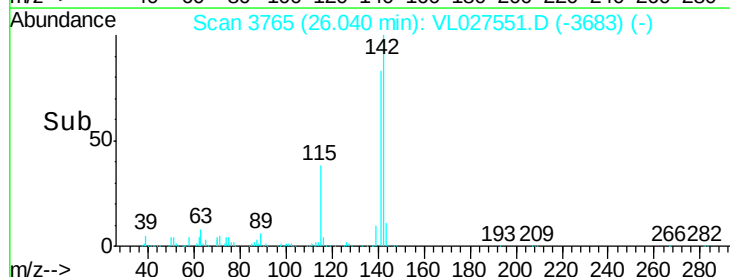
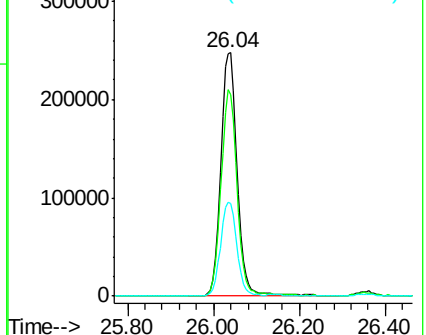
115 39.6 31.5 47.3

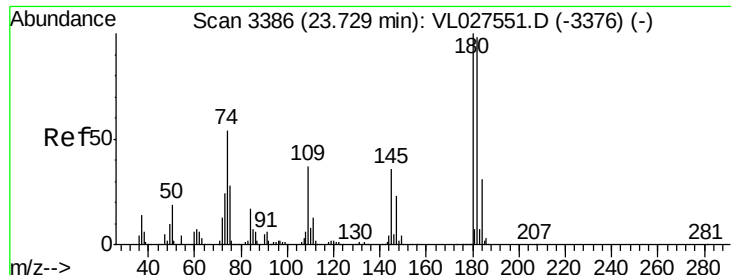


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81

1,2,4-Trichlorobenzene

Concen: 5.61 ppbv

RT: 23.73 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VL027551.D

Acq: 19 Apr 2016 14:24

Instrument :

BNA_M

ClientSampleId :

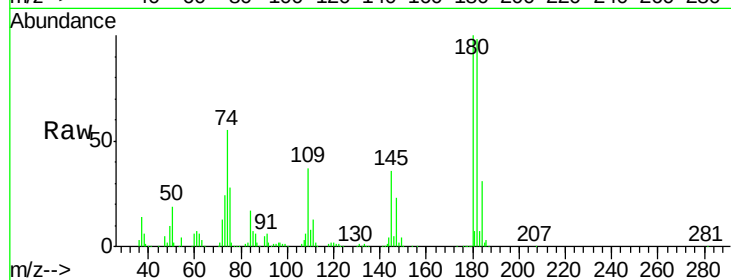
Tot Ion:180 Resp: 1091400

Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

184 30.5 24.4 36.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

