

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD010616\
 Data File : VD048329.D
 Acq On : 6 Jan 2016 18:23
 Operator : FY/SY
 Sample : VD0106SBS09
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 04:31:50 2016
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D010416S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 04 14:08:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.25	168	190736	50.00	ug/l	-0.03
33) 1,4-Difluorobenzene	7.38	114	338056	50.00	ug/l	-0.03
62) Chlorobenzene-d5	11.54	117	345474	50.00	ug/l	-0.02
71) 1,4-Dichlorobenzene-d4	13.88	152	148828	50.00	ug/l	-0.02

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	6.67	65	113010	48.34	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	96.68%	
34) Dibromofluoromethane	6.16	113	103985	45.55	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	91.10%	
49) Toluene-d8	9.57	98	328706	43.56	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	87.12%	
61) 4-Bromofluorobenzene	12.81	95	142534	43.50	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.41	85	45447	18.42	ug/l	93
3) Chloromethane	1.60	50	21529	14.24	ug/l	95
4) Vinyl Chloride	1.66	62	24047	17.24	ug/l	91
5) Bromomethane	1.95	94	13922	15.21	ug/l	86
6) Chloroethane	2.05	64	13347	16.66	ug/l	95
7) Trichlorofluoromethane	2.29	101	56364	18.16	ug/l	99
8) Diethyl Ether	2.60	74	19011	21.02	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.85	101	37490	18.19	ug/l	97
10) Methyl Iodide	3.02	142	24190	17.13	ug/l	92
11) Tert butyl alcohol	3.64	59	11036	89.56	ug/l #	91
12) 1,1-Dichloroethene	2.84	96	31856	18.01	ug/l	99
13) Acrolein	2.74	56	17192	94.47	ug/l	86
14) Allyl chloride	3.29	41	63326	17.55	ug/l	96
15) Acrylonitrile	3.79	53	38812	104.04	ug/l	97
16) Acetone	2.91	43	47777	94.61	ug/l	92
17) Carbon Disulfide	3.10	76	102990	16.54	ug/l	99
18) Methyl Acetate	3.30	43	26531	21.27	ug/l	95
19) Methyl tert-butyl Ether	3.85	73	82208	21.55	ug/l	97
20) Methylene Chloride	3.46	84	45348	19.32	ug/l	96
21) trans-1,2-Dichloroethene	3.85	96	36396	18.60	ug/l	91
22) Diisopropyl ether	4.60	45	131729	19.33	ug/l	97
23) Vinyl Acetate	4.55	43	380603	113.20	ug/l	100
24) 1,1-Dichloroethane	4.51	63	75875	19.13	ug/l	98
25) 2-Butanone	5.40	43	64266	118.42	ug/l	98
26) 2,2-Dichloropropane	5.38	77	63545	17.21	ug/l	94
27) cis-1,2-Dichloroethene	5.38	96	42895	18.82	ug/l	98
28) Bromochloromethane	5.74	49	29061	17.60	ug/l	95
29) Chloroform	5.92	83	84523	19.41	ug/l	100
30) Cyclohexane	6.22	56	61801	18.69	ug/l	97
31) 1,1,1-Trichloroethane	6.14	97	64828	19.13	ug/l	99
35) 1,1-Dichloropropene	6.38	75	65435	19.45	ug/l	96
36) Ethyl Acetate	5.49	43	30130	20.28	ug/l	98
37) Carbon Tetrachloride	6.36	117	54482	18.19	ug/l	95
38) Methylcyclohexane	8.03	83	65491	18.09	ug/l	94

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Instrument :
 BNA_F
 ClientSampleId :

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 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D010416S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 04 14:08:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	6.67	78	172558	19.24	ug/l	99
40) Methacrylonitrile	5.70	41	18543	21.29	ug/l	93
41) 1,2-Dichloroethane	6.79	62	59032	20.96	ug/l	98
42) Isopropyl Acetate	8.36	43	48319	22.88	ug/l #	98
43) Trichloroethene	7.70	130	47262	18.70	ug/l	97
44) 1,2-Dichloropropane	8.10	63	49517	19.90	ug/l	94
45) Dibromomethane	8.23	93	27757	20.48	ug/l	94
46) Bromodichloromethane	8.51	83	62025	19.17	ug/l	97
47) Methyl methacrylate	8.03	41	35478	17.64	ug/l	93
48) 1,4-Dioxane	8.24	88	6042	495.42	ug/l #	78
50) 4-Methyl-2-Pentanone	9.43	43	168553	120.07	ug/l	99
51) Toluene	9.67	92	104148	19.08	ug/l	91
52) t-1,3-Dichloropropene	10.08	75	59300	19.43	ug/l	100
53) cis-1,3-Dichloropropene	9.18	75	73130	19.02	ug/l	96
54) 1,1,2-Trichloroethane	10.35	97	35363	20.69	ug/l	96
55) Ethyl methacrylate	10.20	69	46341	22.55	ug/l	97
56) 1,3-Dichloropropane	10.57	76	72721	21.34	ug/l	99
57) 2-Chloroethyl Vinyl ether	8.98	63	120106	98.48	ug/l	99
58) 2-Hexanone	10.66	43	123665	126.50	ug/l	99
59) Dibromochloromethane	10.85	129	43189	19.07	ug/l	91
60) 1,2-Dibromoethane	10.98	107	38814	21.19	ug/l	99
63) Tetrachloroethene	10.42	164	38056	17.78	ug/l	97
64) Chlorobenzene	11.57	112	131961	19.16	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.68	131	46712	19.02	ug/l	96
66) Ethyl Benzene	11.69	91	226409	18.59	ug/l	100
67) m/p-Xylenes	11.84	106	163201	37.82	ug/l	93
68) o-Xylene	12.26	106	79893	19.24	ug/l	100
69) Stvrene	12.28	104	128841	19.40	ug/l	96
70) Bromoform	12.46	173	23772	19.75	ug/l	88
72) Isopropylbenzene	12.63	105	215033	18.92	ug/l	99
73) N-amyl acetate	12.47	43	73315	22.88	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.96	83	45805	21.72	ug/l	99
75) 1,2,3-Trichloropropane	13.00	75	51861	21.97	ug/l	95
76) Bromobenzene	12.94	156	52276	19.70	ug/l	93
77) n-propylbenzene	13.05	91	275464	18.81	ug/l	97
78) 2-Chlorotoluene	13.12	91	156706	19.14	ug/l	96
79) 1,3,5-Trimethylbenzene	13.22	105	174503	19.73	ug/l	100
80) trans-1,4-Dichloro-2-buten	12.71	75	12235	19.63	ug/l	87
81) 4-Chlorotoluene	13.24	91	184997	19.55	ug/l	100
82) tert-Butylbenzene	13.51	119	197929	23.10	ug/l	99
83) 1,2,4-Trimethylbenzene	13.56	105	173785	19.09	ug/l	98
84) sec-Butylbenzene	13.71	105	225761	18.57	ug/l	99
85) p-Isopropyltoluene	13.84	119	188716	18.66	ug/l	97
86) 1,3-Dichlorobenzene	13.81	146	96802	19.04	ug/l	97
87) 1,4-Dichlorobenzene	13.90	146	94842	18.69	ug/l	97
88) n-Butylbenzene	14.19	91	183100	18.11	ug/l	96
89) Hexachloroethane	14.44	117	33962	16.48	ug/l	88
90) 1,2-Dichlorobenzene	14.21	146	87495	19.57	ug/l	98
91) 1,2-Dibromo-3-Chloropropan	14.85	75	5638	20.54	ug/l	77
92) 1,2,4-Trichlorobenzene	15.54	180	53105	19.79	ug/l	95

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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Mon Jan 04 14:08:32 2016
Response via : Initial Calibration

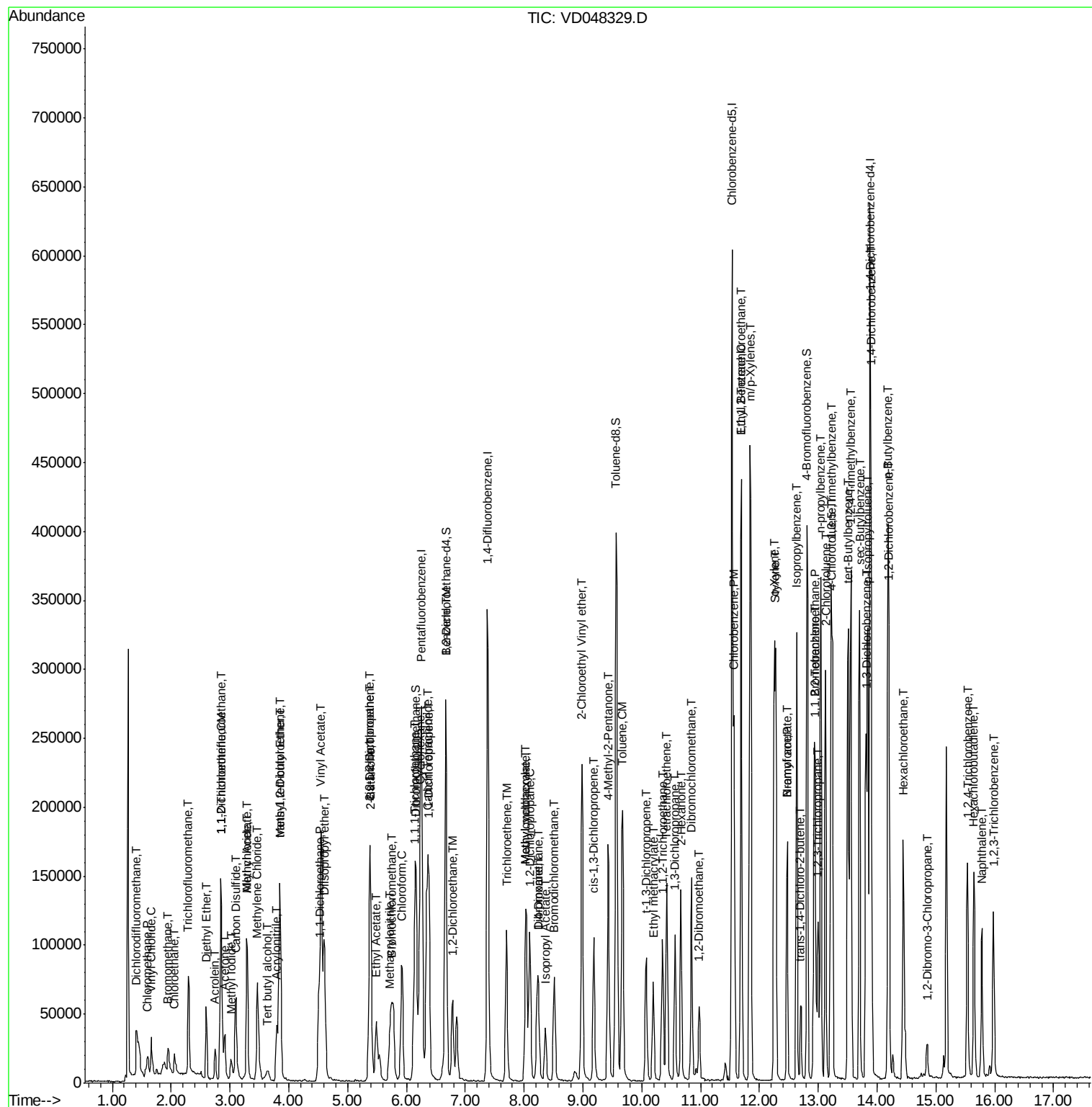
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	15.65	225	32873	18.49	ug/l	99
94) Naphthalene	15.79	128	104564	22.55	ug/l	98
95) 1,2,3-Trichlorobenzene	15.98	180	46676	21.21	ug/l	97

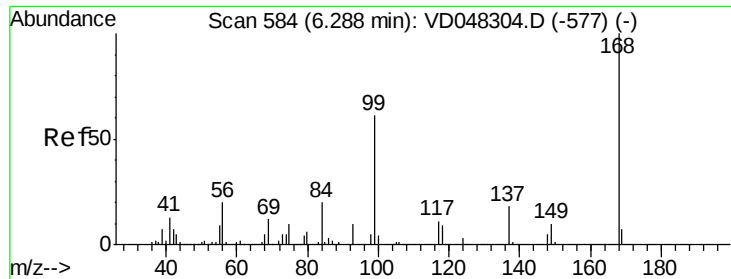
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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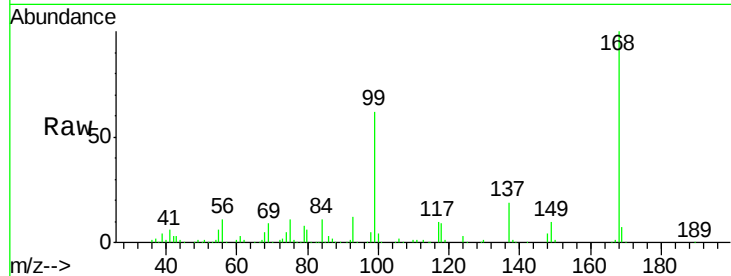


#1

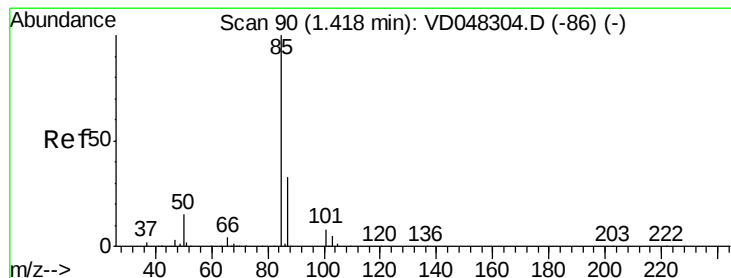
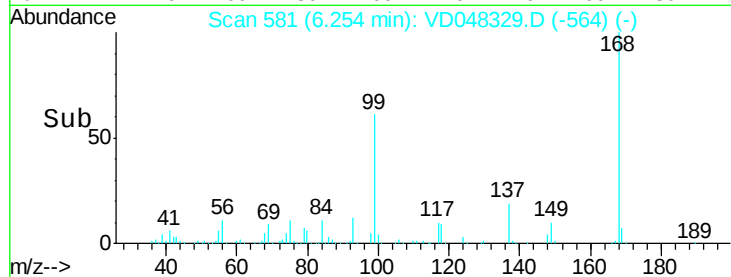
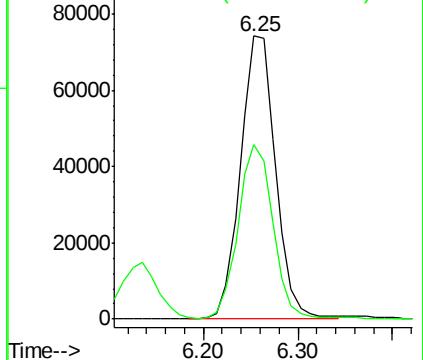
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 6.25 min Scan# 581
 Delta R.T. -0.03 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:168 Resp: 190736
 Ion Ratio Lower Upper
 168 100
 99 61.7 47.3 70.9



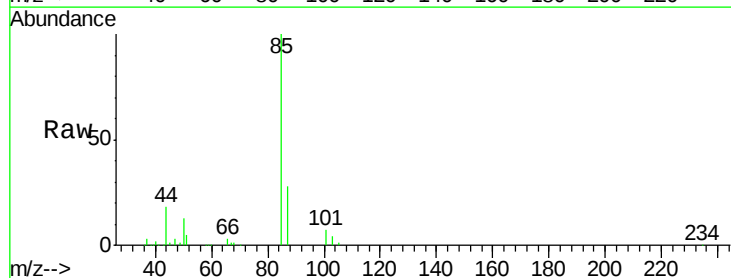
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



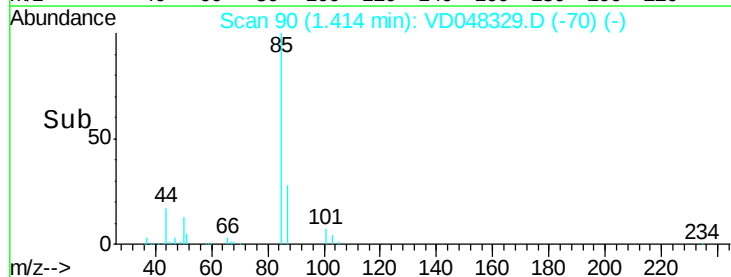
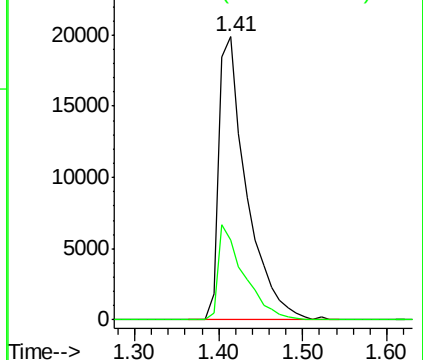
#2

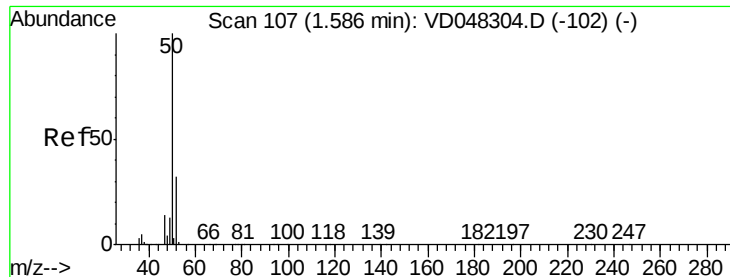
Dichlorodifluoromethane
 Concen: 18.42 ug/l
 RT: 1.41 min Scan# 90
 Delta R.T. -0.00 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

Tgt Ion: 85 Resp: 45447
 Ion Ratio Lower Upper
 85 100
 87 28.3 16.1 48.2



Abundance Ion 84.95 (84.65 to 85.65): VDC
 Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 14.24 ug/l

RT: 1.60 min Scan# 109

Delta R.T. 0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

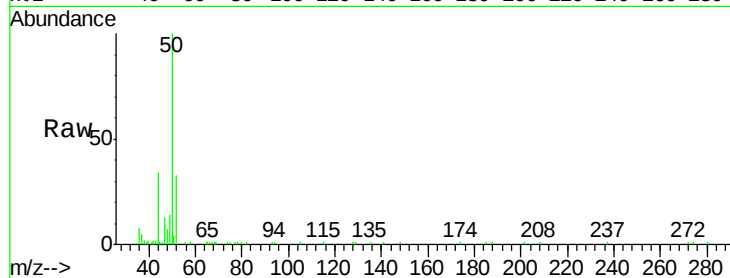
ClientSampleId :

Tot Ion: 50 Resp: 21529

Ion Ratio Lower Upper

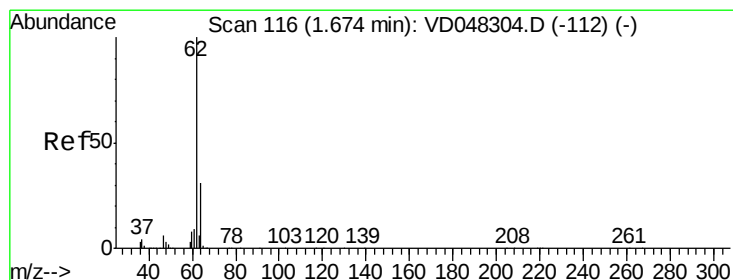
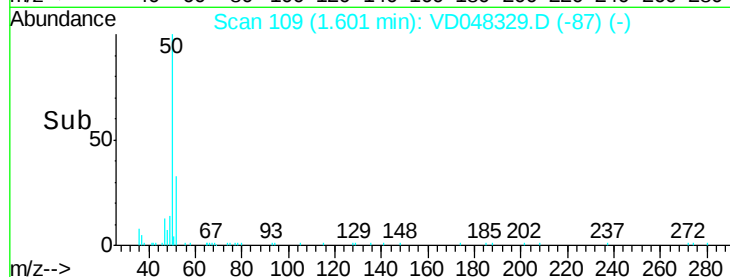
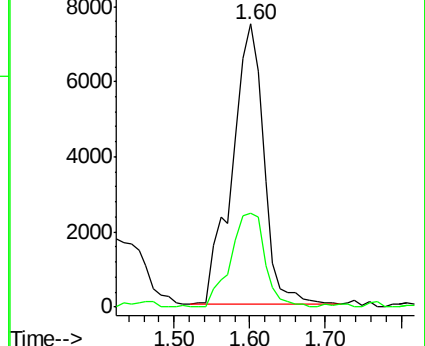
50 100

52 33.1 24.4 36.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 17.24 ug/l

RT: 1.66 min Scan# 115

Delta R.T. -0.01 min

Lab File: VD048329.D

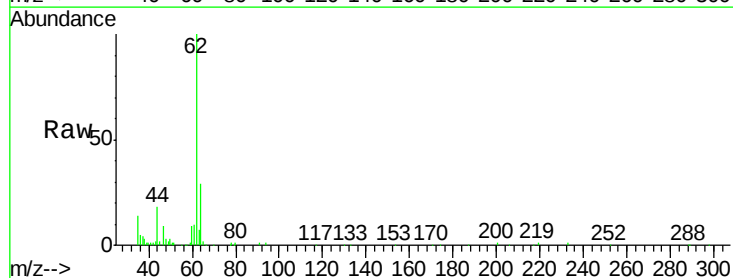
Acq: 6 Jan 2016 18:23

Tgt Ion: 62 Resp: 24047

Ion Ratio Lower Upper

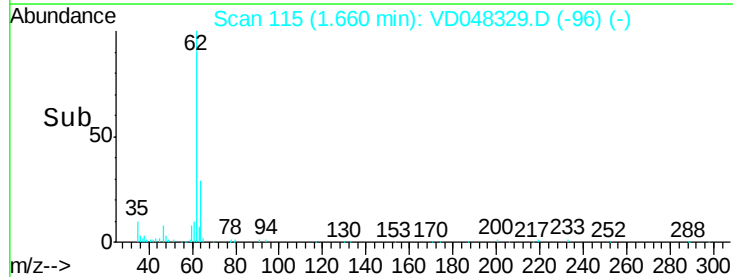
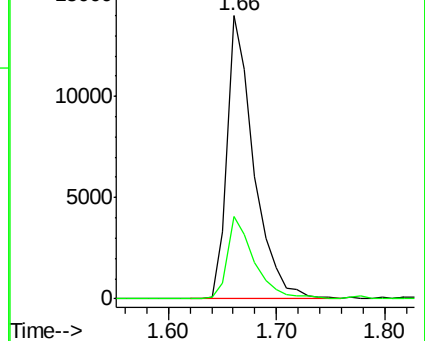
62 100

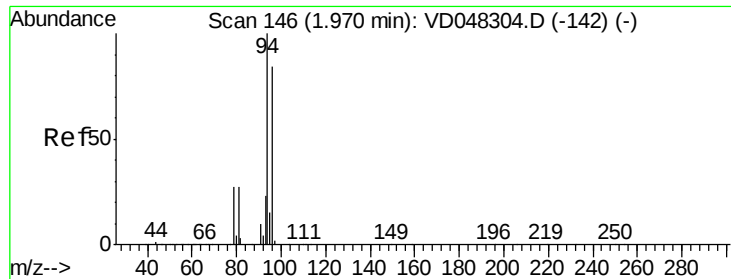
64 29.0 27.5 41.3



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 15.21 ug/l

RT: 1.95 min Scan# 144

Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

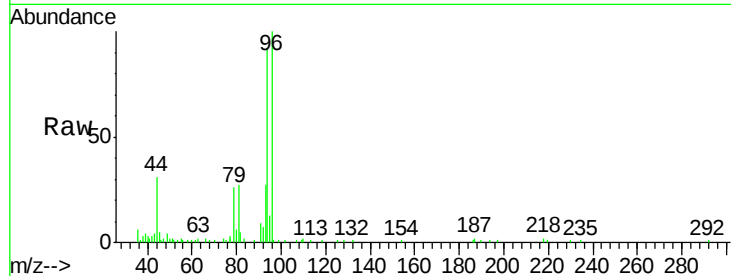
ClientSampleId :

Tot Ion: 94 Resp: 13922

Ion Ratio Lower Upper

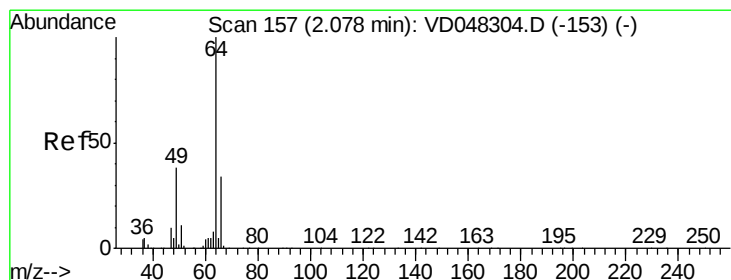
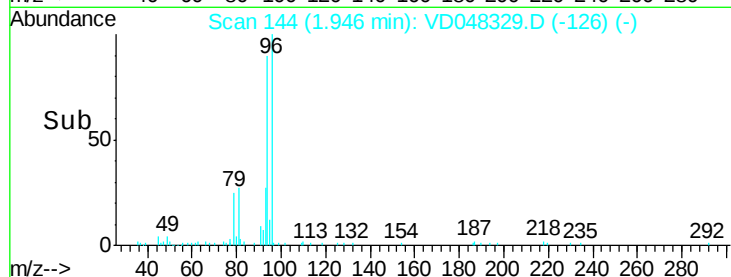
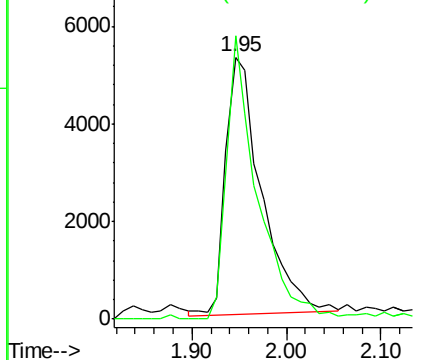
94 100

96 108.1 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 16.66 ug/l

RT: 2.05 min Scan# 155

Delta R.T. -0.02 min

Lab File: VD048329.D

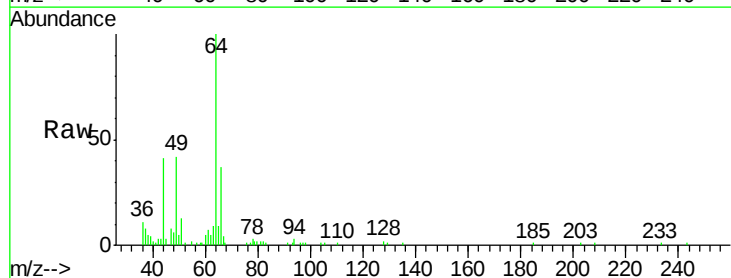
Acq: 6 Jan 2016 18:23

Tgt Ion: 64 Resp: 13347

Ion Ratio Lower Upper

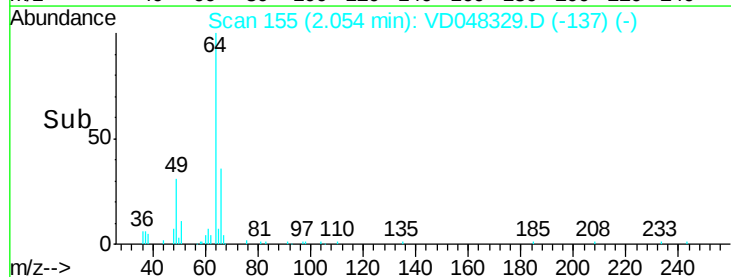
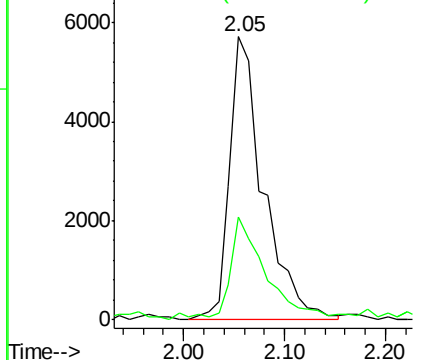
64 100

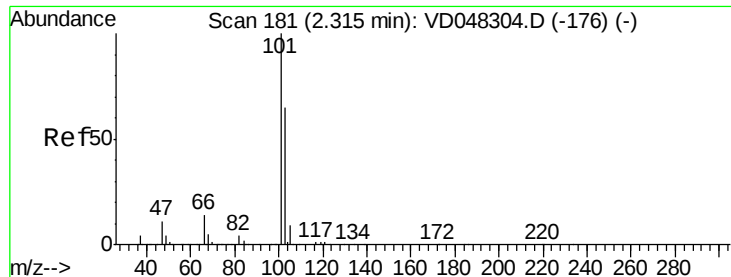
66 36.5 27.0 40.4



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



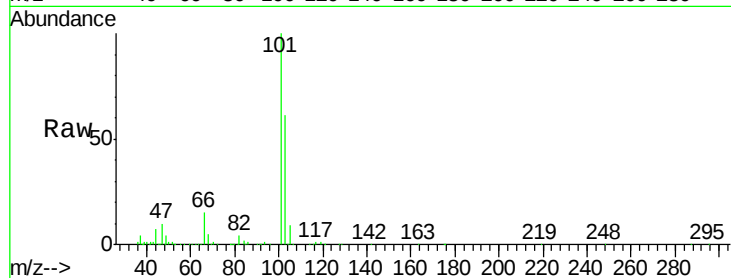


#7

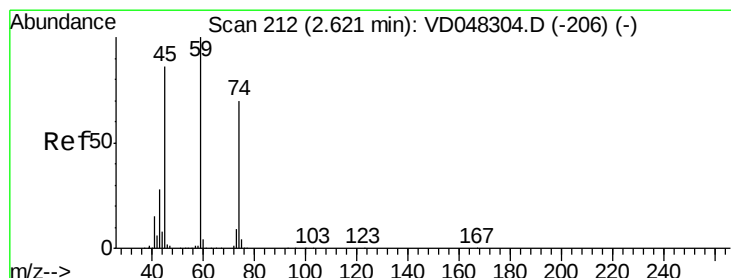
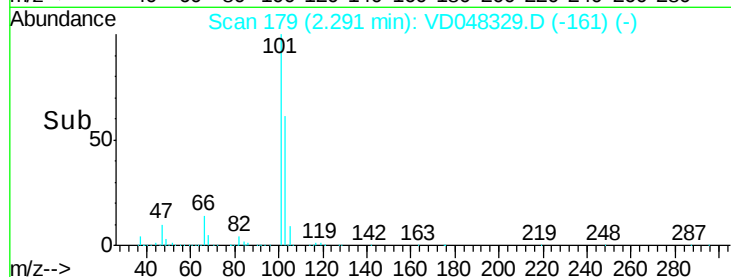
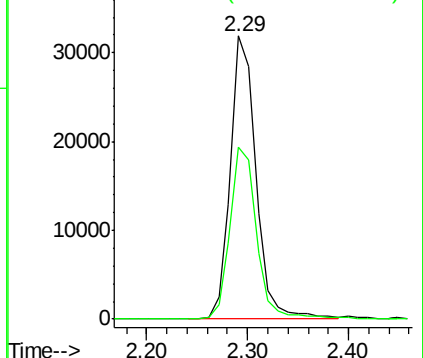
Trichlorofluoromethane
Concen: 18.16 ug/l
RT: 2.29 min Scan# 179
Delta R.T. -0.02 min
Lab File: VD048329.D
Acq: 6 Jan 2016 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:101 Resp: 56364
Ion Ratio Lower Upper
101 100
103 60.7 49.4 74.0



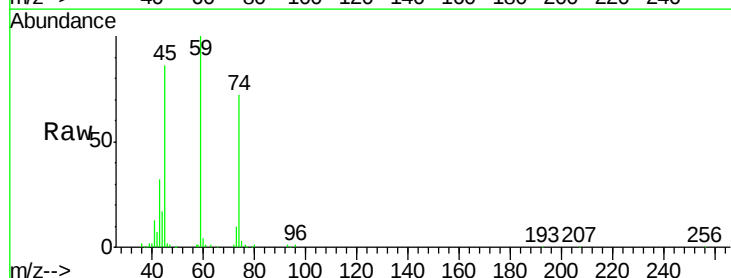
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



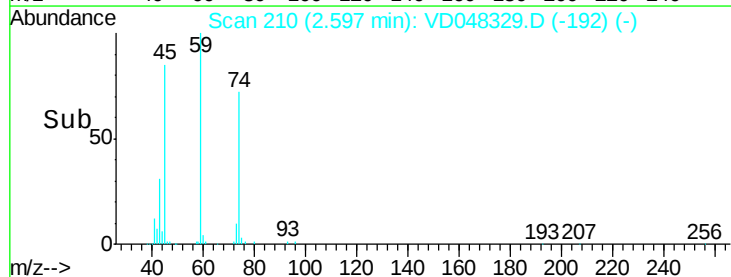
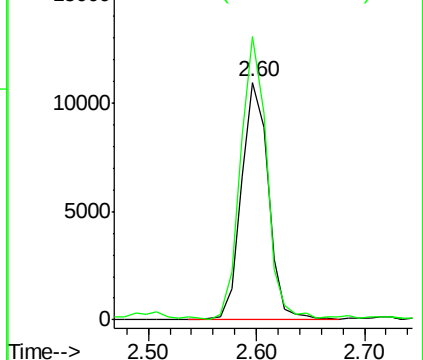
#8

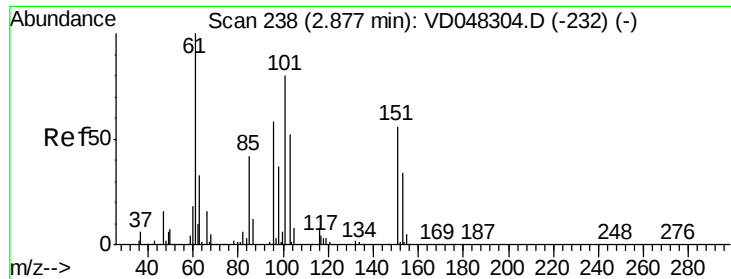
Diethyl Ether
Concen: 21.02 ug/l
RT: 2.60 min Scan# 210
Delta R.T. -0.02 min
Lab File: VD048329.D
Acq: 6 Jan 2016 18:23

Tgt Ion: 74 Resp: 19011
Ion Ratio Lower Upper
74 100
45 119.2 56.9 170.6



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.19 ug/l

RT: 2.85 min Scan# 236

Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

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ClientSampleId :

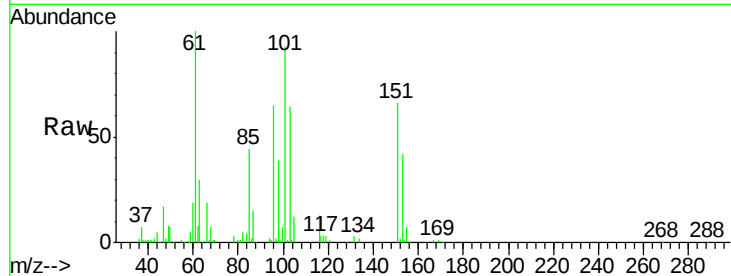
Tot Ion:101 Resp: 37490

Ion Ratio Lower Upper

101 100

85 47.1 41.0 61.4

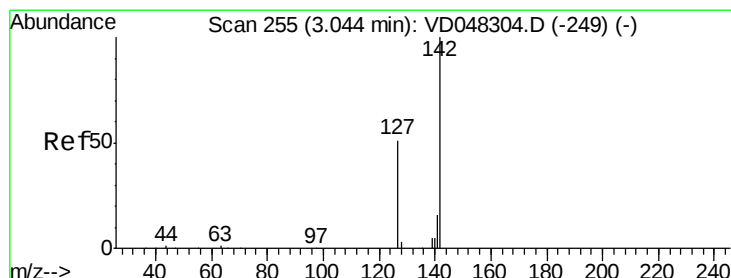
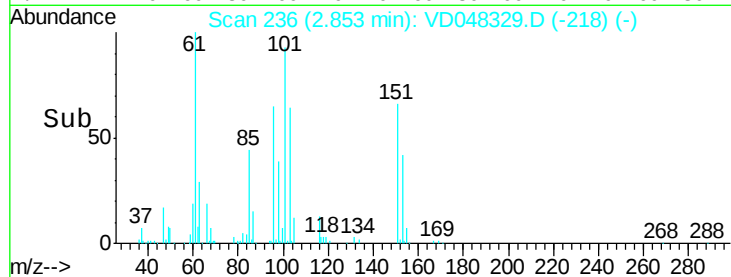
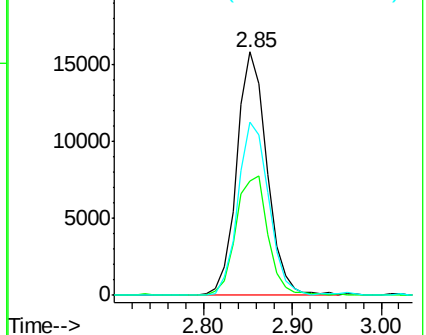
151 71.1 58.0 87.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 17.13 ug/l

RT: 3.02 min Scan# 253

Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

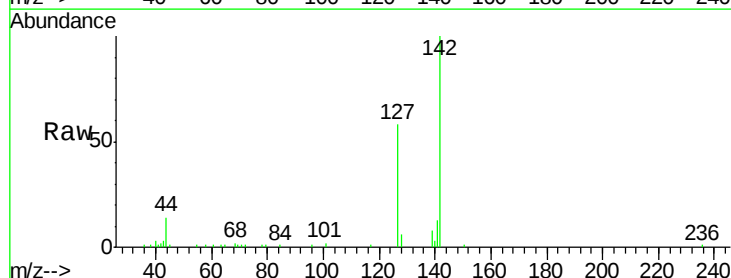
Tgt Ion:142 Resp: 24190

Ion Ratio Lower Upper

142 100

127 57.9 40.6 61.0

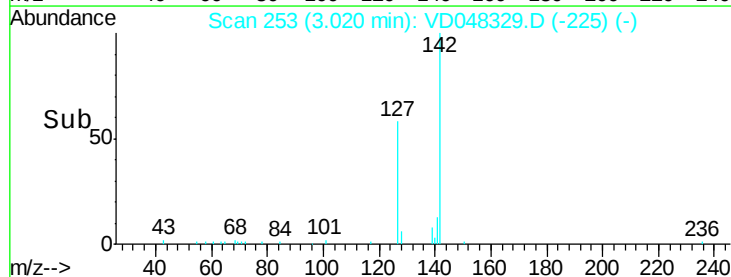
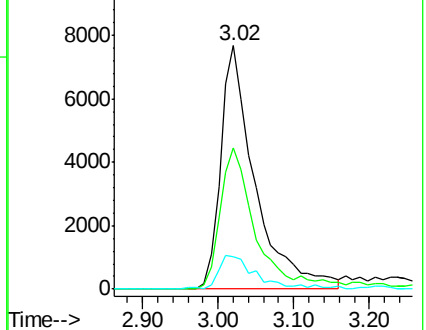
141 13.3 11.1 16.7

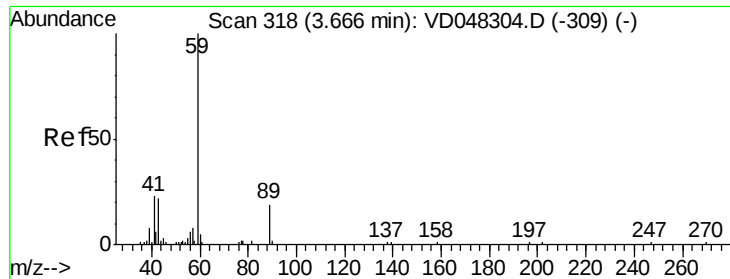


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



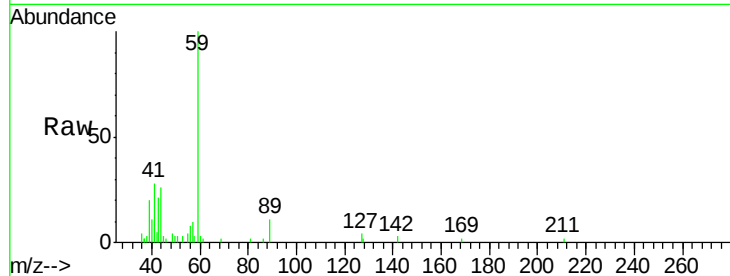


#11

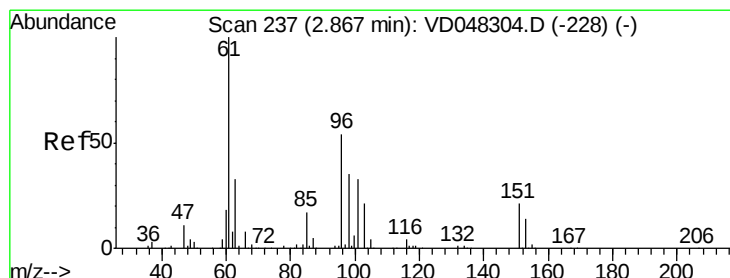
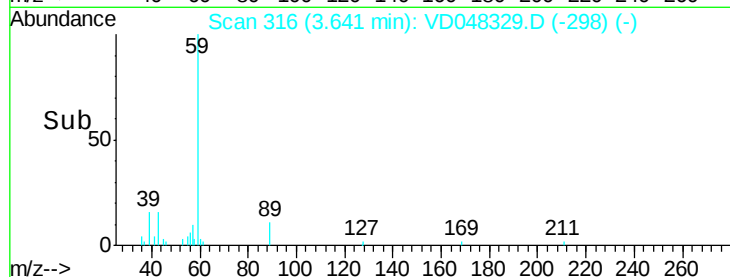
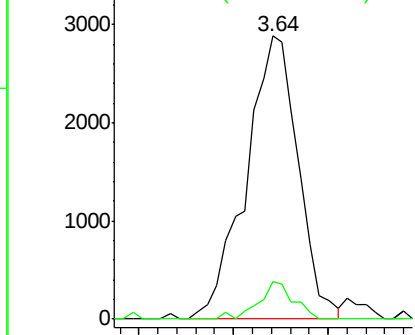
Tert butyl alcohol
 Concen: 89.56 ug/l
 RT: 3.64 min Scan# 316
 Delta R.T. -0.02 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 59 Resp: 11036
 Ion Ratio Lower Upper
 59 100
 57 13.1 7.9 11.9#



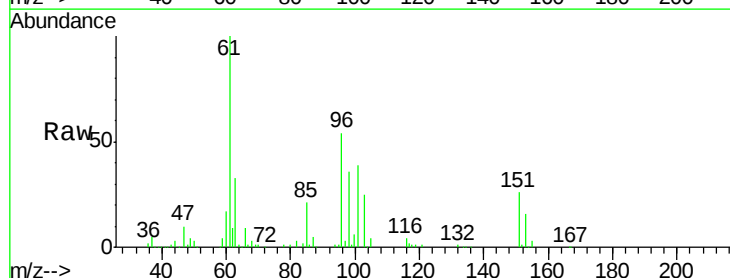
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



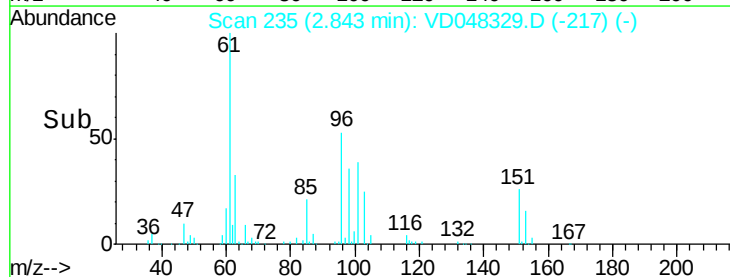
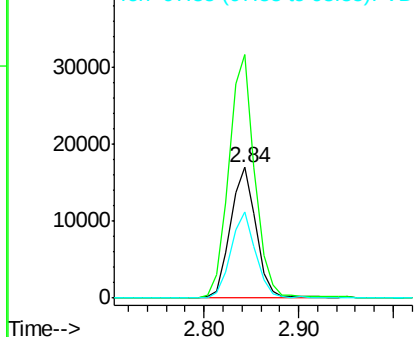
#12

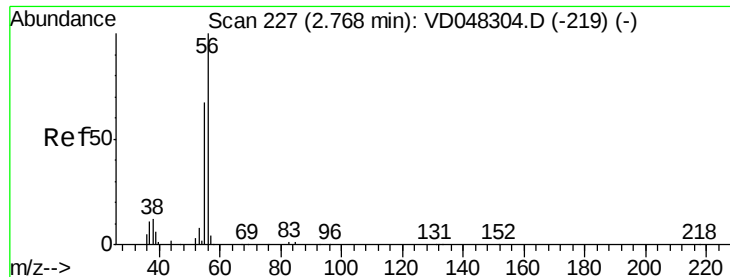
1,1-Dichloroethene
 Concen: 18.01 ug/l
 RT: 2.84 min Scan# 235
 Delta R.T. -0.02 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

Tgt Ion: 96 Resp: 31856
 Ion Ratio Lower Upper
 96 100
 61 186.7 150.1 225.1
 98 66.4 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 94.47 ug/l

RT: 2.74 min Scan# 225

Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

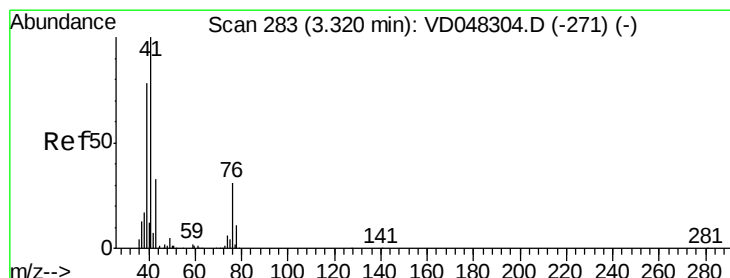
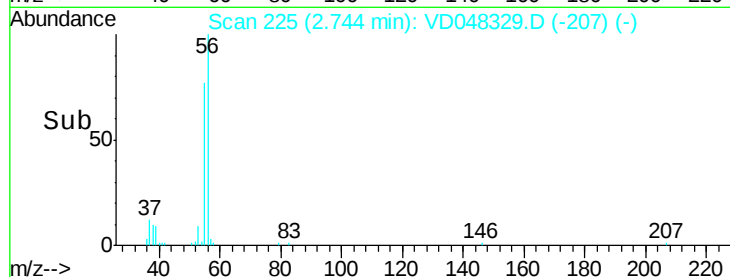
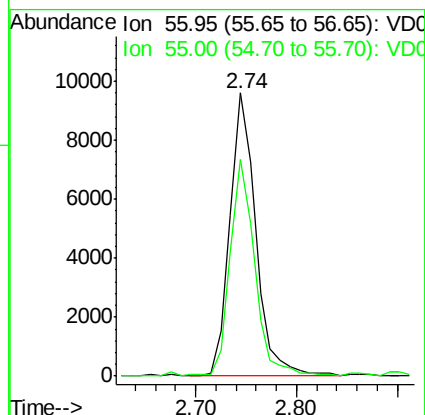
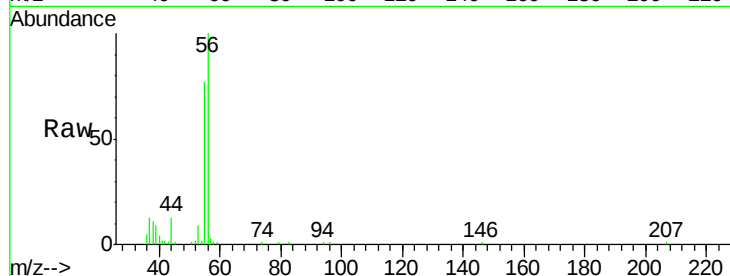
ClientSampleId :

Tot Ion: 56 Resp: 17192

Ion Ratio Lower Upper

56 100

55 76.7 52.2 78.4



#14

Allyl chloride

Concen: 17.55 ug/l

RT: 3.29 min Scan# 280

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

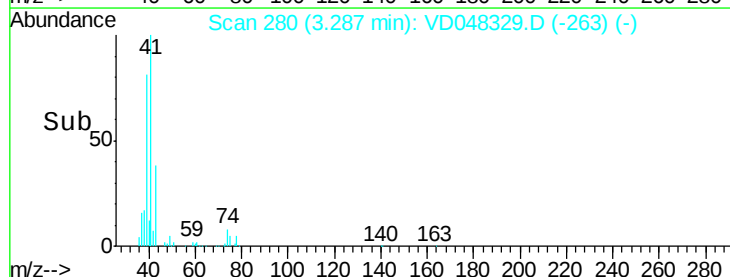
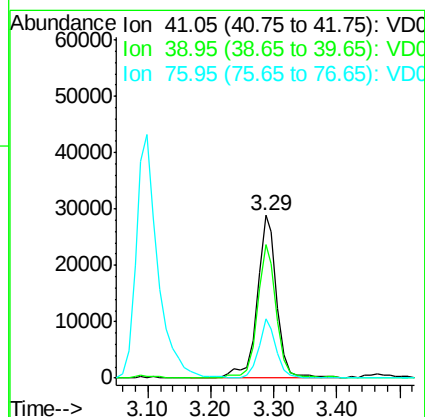
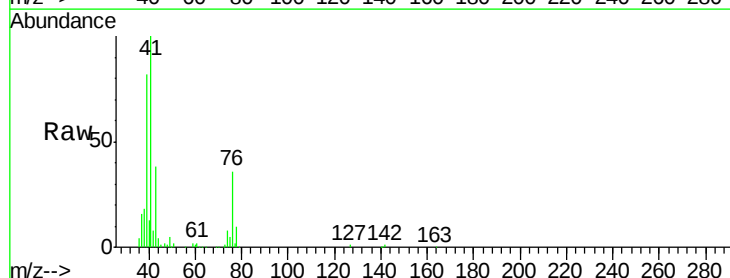
Tgt Ion: 41 Resp: 63326

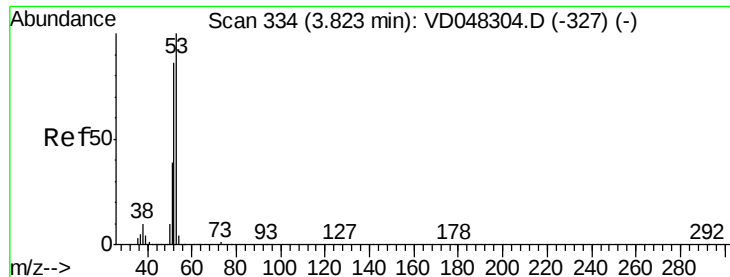
Ion Ratio Lower Upper

41 100

39 82.0 62.5 93.7

76 36.3 27.3 40.9





#15

Acrylonitrile

Concen: 104.04 ug/l

RT: 3.79 min Scan# 331

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampleId :

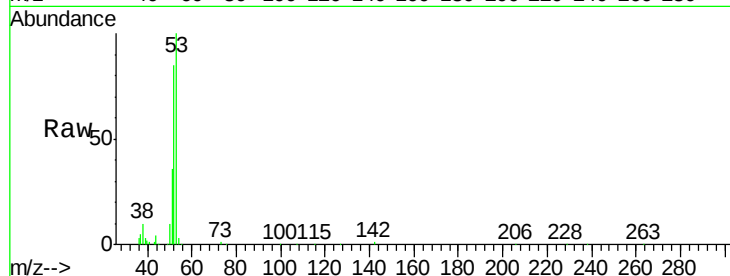
Tot Ion: 53 Resp: 38812

Ion Ratio Lower Upper

53 100

52 85.2 65.7 98.5

51 36.1 29.9 44.9



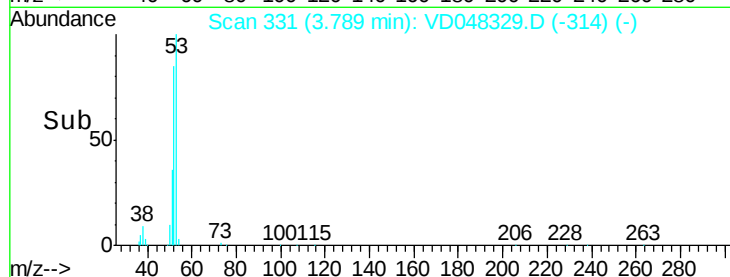
Abundance Ion 53.00 (52.70 to 53.70): VD048329.D (-331) (-)

Ion 52.00 (51.70 to 52.70): VD048329.D (-331) (-)

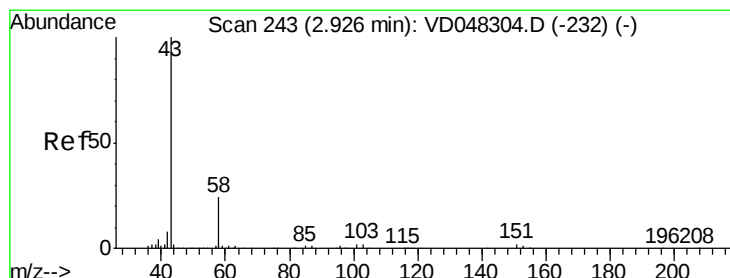
Ion 51.00 (50.70 to 51.70): VD048329.D (-331) (-)

3.79

Time-->



Time-->



#16

Acetone

Concen: 94.61 ug/l

RT: 2.91 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD048329.D

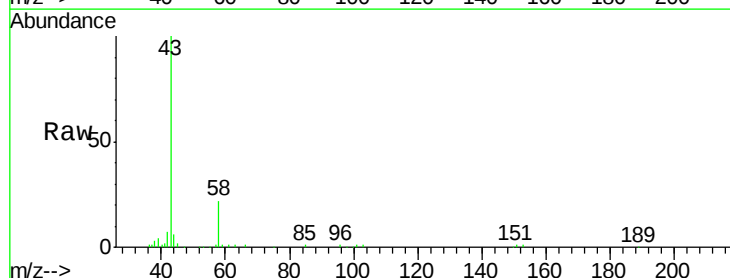
Acq: 6 Jan 2016 18:23

Tgt Ion: 43 Resp: 47777

Ion Ratio Lower Upper

43 100

58 21.7 20.6 30.8

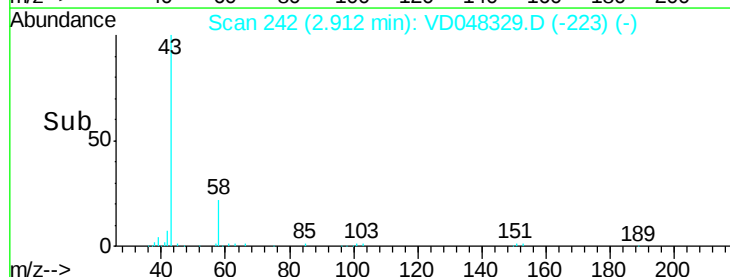


Abundance Ion 42.95 (42.65 to 43.65): VD048329.D (-223) (-)

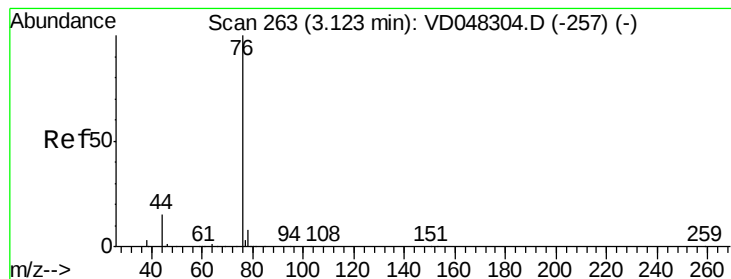
Ion 57.95 (57.65 to 58.65): VD048329.D (-223) (-)

2.91

Time-->



Time-->



#17

Carbon Disulfide

Concen: 16.54 ug/l

RT: 3.10 min Scan# 261

Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

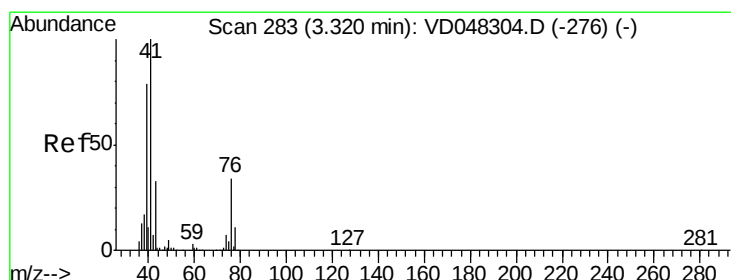
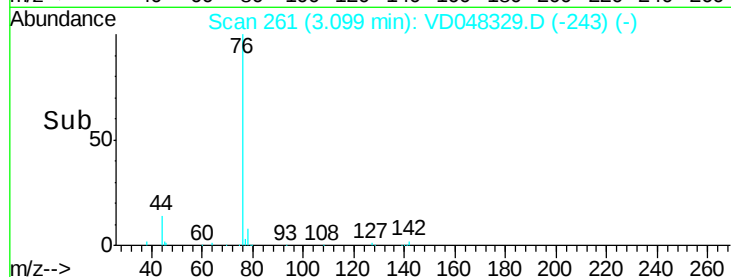
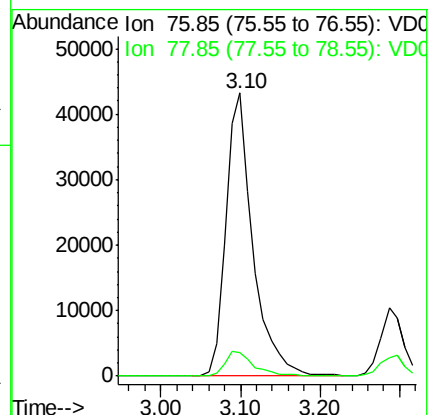
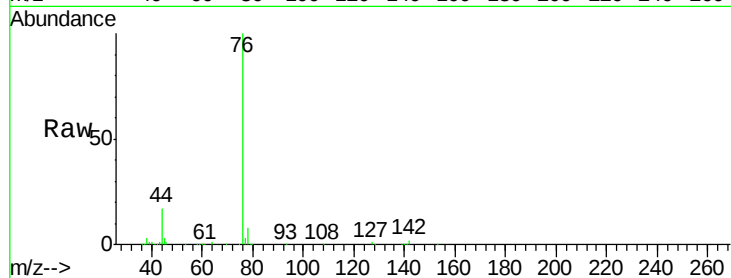
ClientSampleId :

Tot Ion: 76 Resp: 102990

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7



#18

Methyl Acetate

Concen: 21.27 ug/l

RT: 3.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: VD048329.D

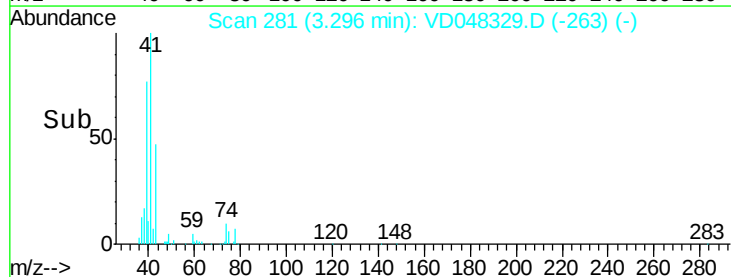
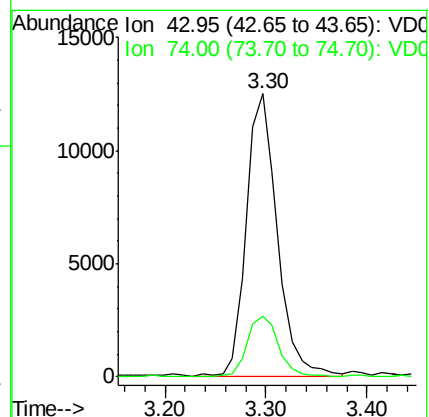
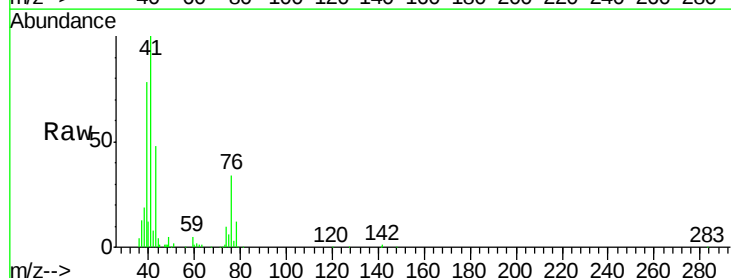
Acq: 6 Jan 2016 18:23

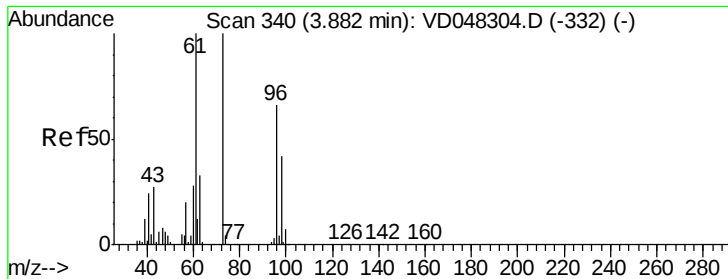
Tgt Ion: 43 Resp: 26531

Ion Ratio Lower Upper

43 100

74 21.2 15.2 22.8



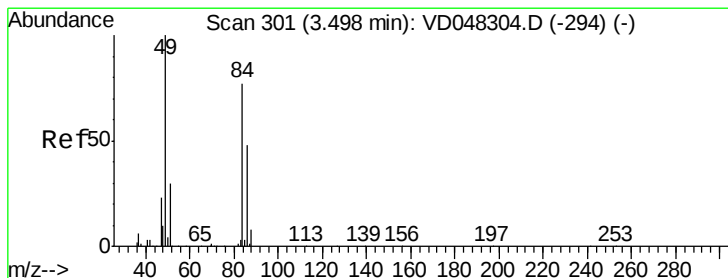
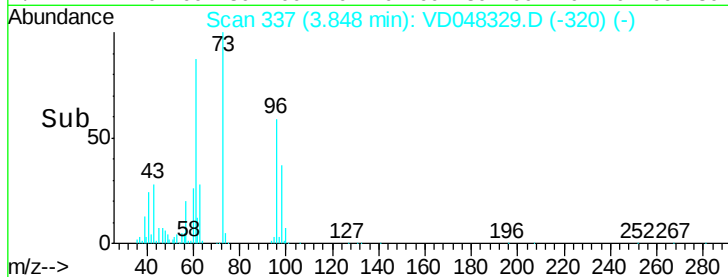
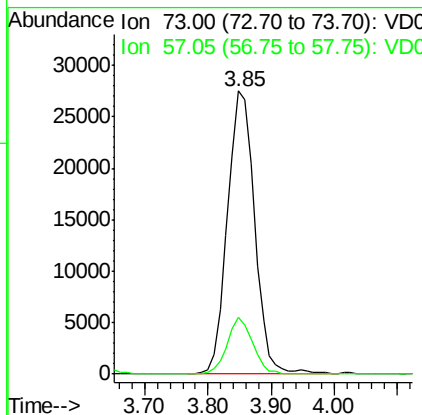
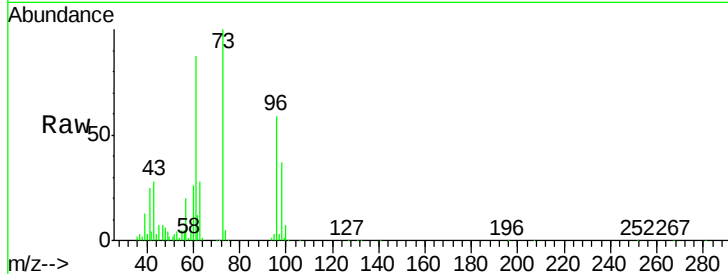


#19

Methyl tert-butyl Ether
 Concen: 21.55 ug/l
 RT: 3.85 min Scan# 337
 Delta R.T. -0.03 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

Instrument :
 BNA_F
 ClientSampleID :

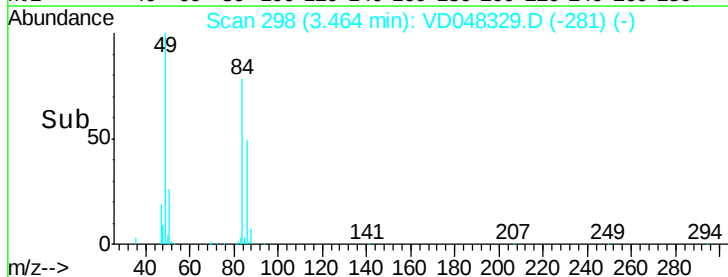
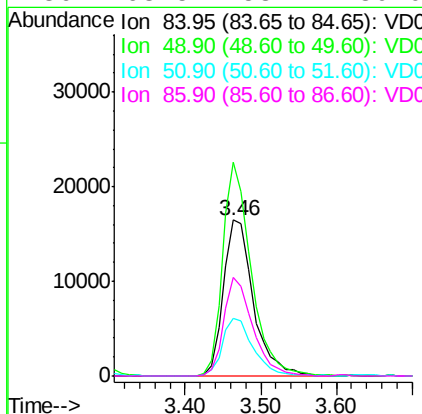
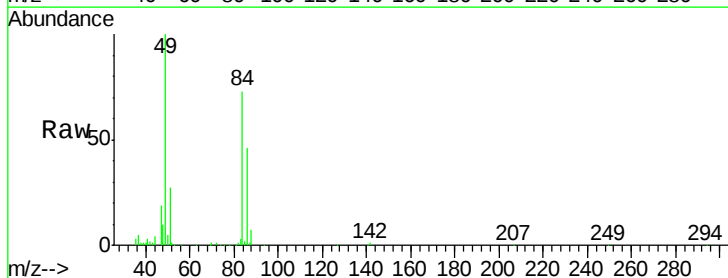
Tot Ion: 73 Resp: 82208
 Ion Ratio Lower Upper
 73 100
 57 20.0 15.1 22.7

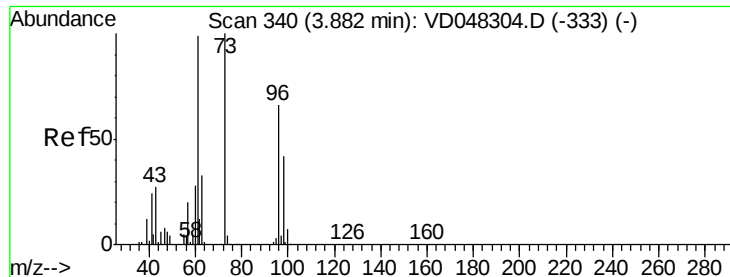


#20

Methylene Chloride
 Concen: 19.32 ug/l
 RT: 3.46 min Scan# 298
 Delta R.T. -0.03 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

Tgt Ion: 84 Resp: 45348
 Ion Ratio Lower Upper
 84 100
 49 137.2 106.5 159.7
 51 36.7 33.2 49.8
 86 63.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 18.60 ug/l

RT: 3.85 min Scan# 337

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampleId :

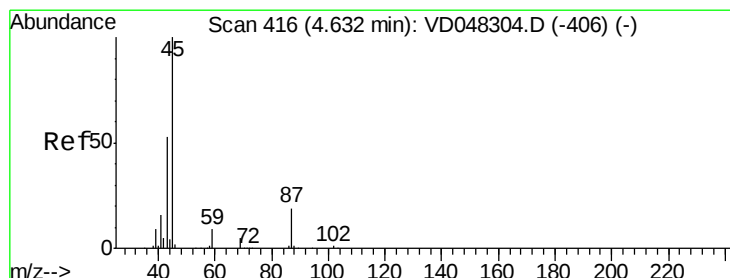
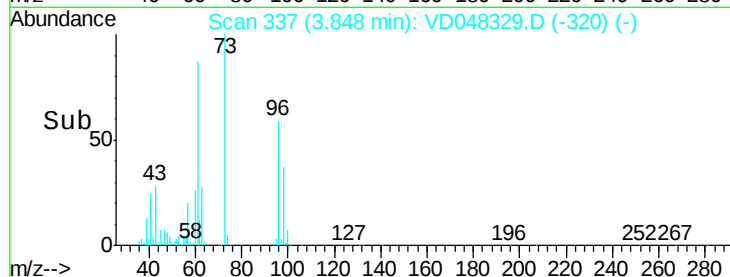
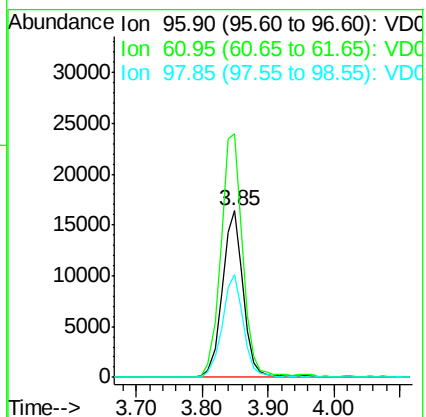
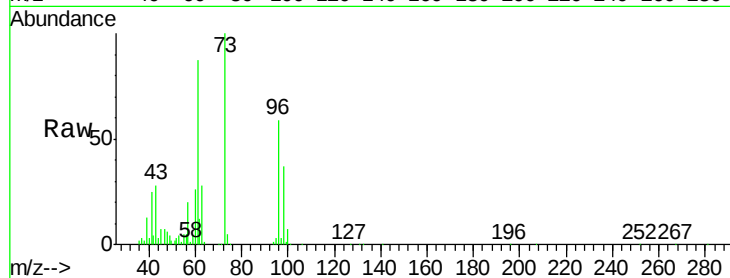
Tot Ion: 96 Resp: 36396

Ion Ratio Lower Upper

96 100

61 146.5 129.7 194.5

98 61.7 49.1 73.7



#22

Diisopropyl ether

Concen: 19.33 ug/l

RT: 4.60 min Scan# 413

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Tgt Ion: 45 Resp: 131729

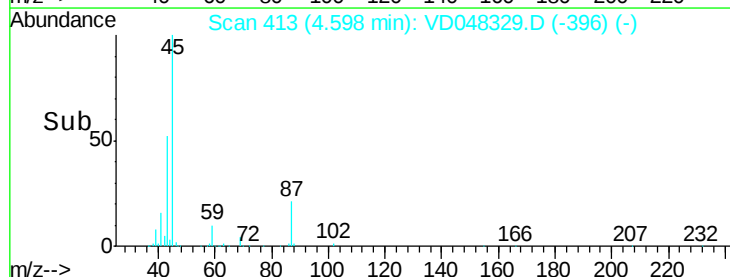
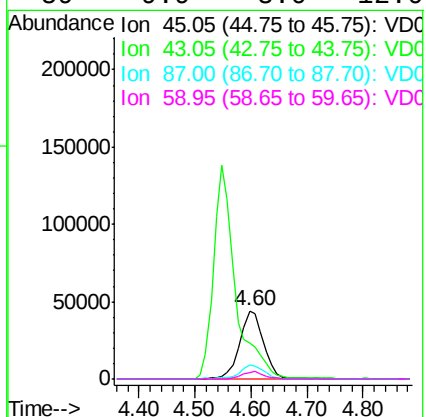
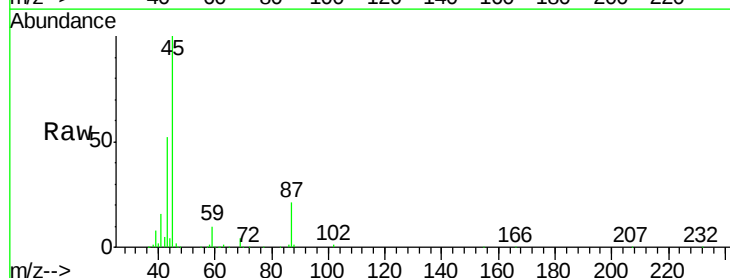
Ion Ratio Lower Upper

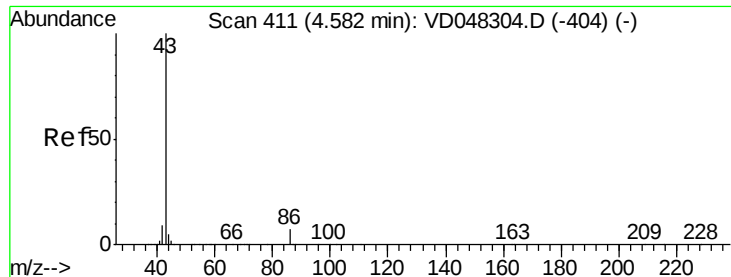
45 100

43 52.3 40.0 60.0

87 20.7 15.8 23.8

59 9.9 8.0 12.0





#23

Vinyl Acetate

Concen: 113.20 ug/l

RT: 4.55 min Scan# 408

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

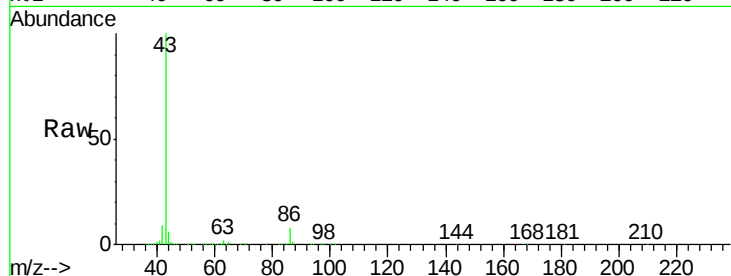
ClientSampleId :

Tot Ion: 43 Resp: 380603

Ion Ratio Lower Upper

43 100

86 7.9 6.3 9.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

4.55

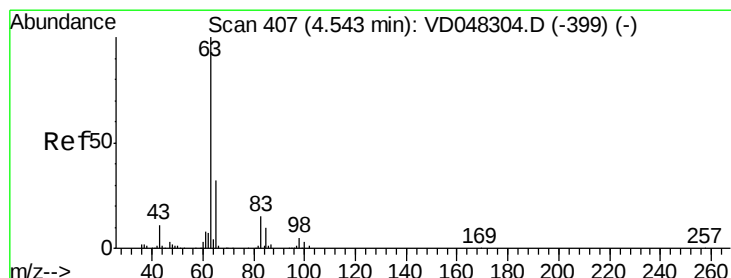
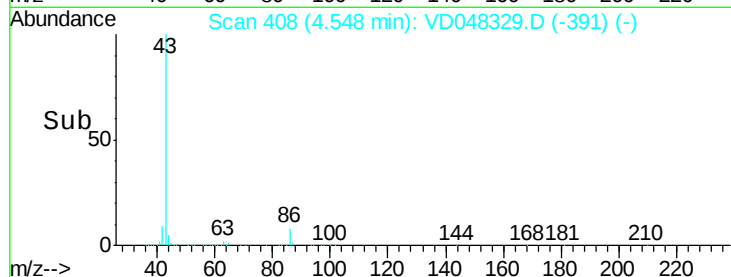
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.13 ug/l

RT: 4.51 min Scan# 404

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

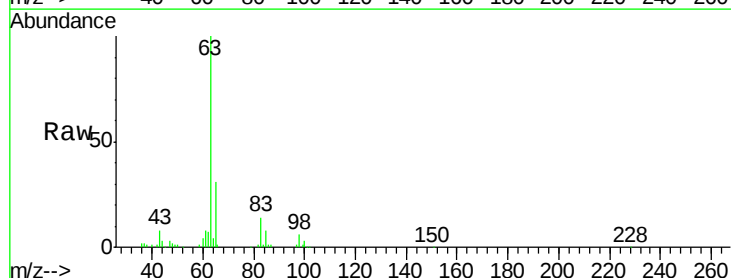
Tgt Ion: 63 Resp: 75875

Ion Ratio Lower Upper

63 100

98 5.9 2.5 7.5

100 3.0 1.6 4.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

4.51

40000

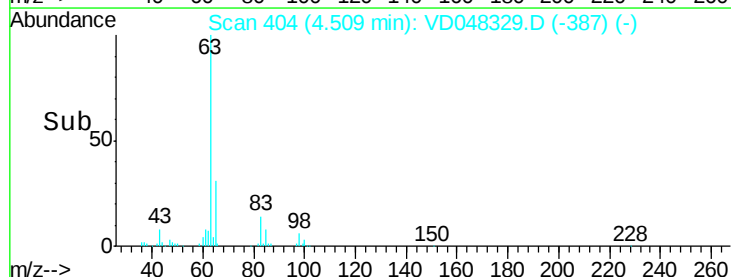
30000

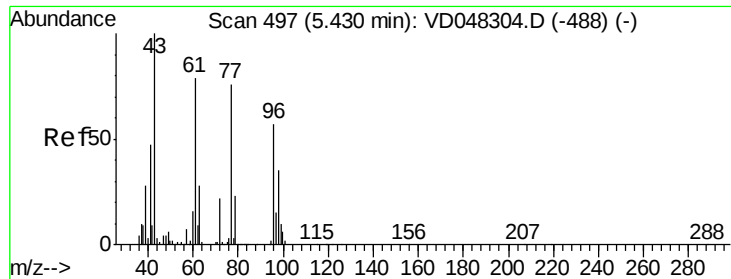
20000

10000

0

Time-->





#25

2-Butanone

Concen: 118.42 ug/l

RT: 5.40 min Scan# 494

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

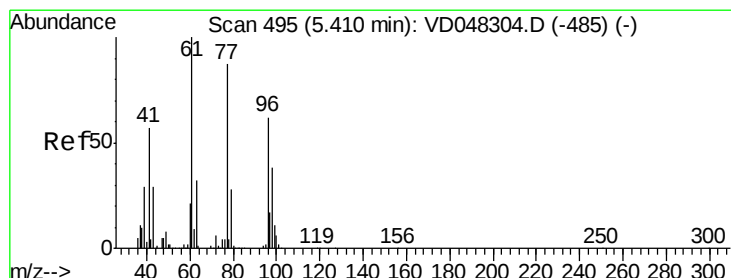
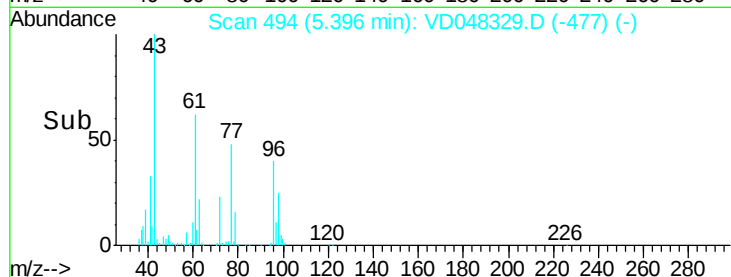
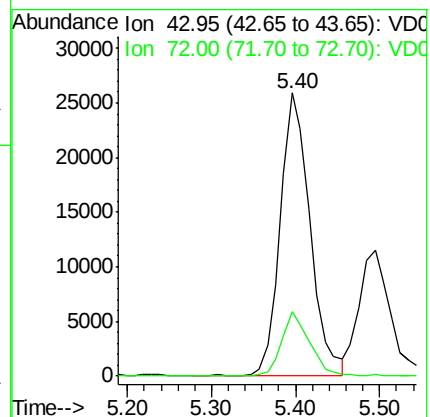
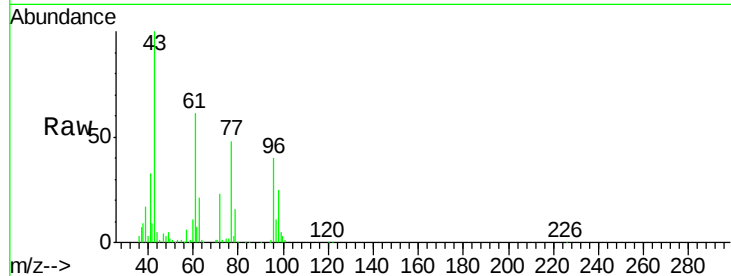
ClientSampleId :

Tot Ion: 43 Resp: 64266

Ion Ratio Lower Upper

43 100

72 23.0 17.8 26.6



#26

2,2-Dichloropropane

Concen: 17.21 ug/l

RT: 5.38 min Scan# 492

Delta R.T. -0.03 min

Lab File: VD048329.D

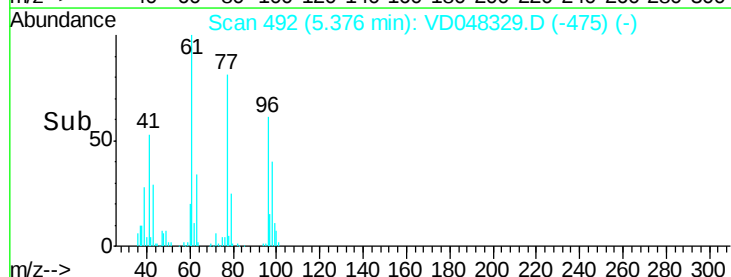
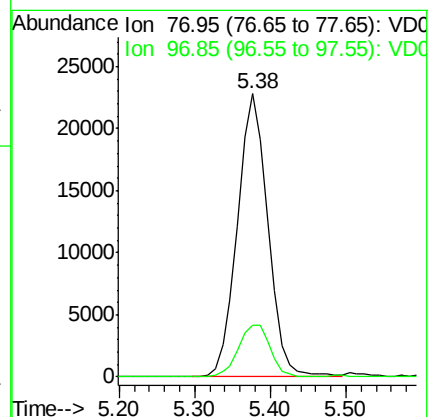
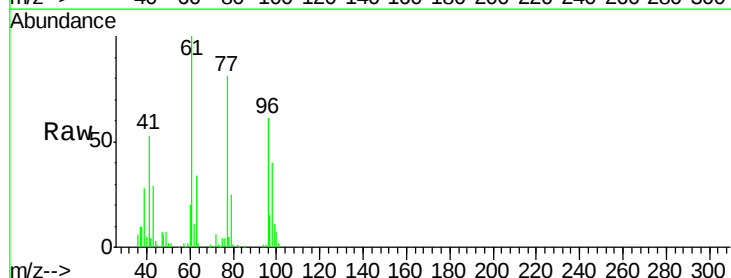
Acq: 6 Jan 2016 18:23

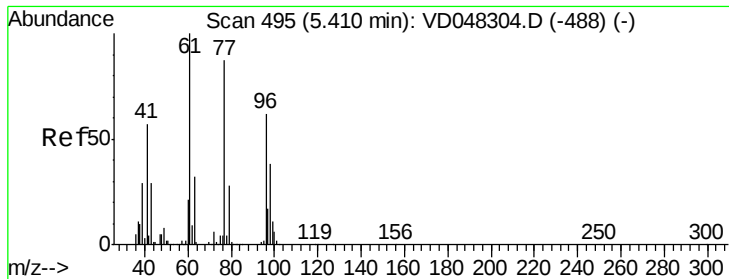
Tgt Ion: 77 Resp: 63545

Ion Ratio Lower Upper

77 100

97 18.1 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.82 ug/l

RT: 5.38 min Scan# 492

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampleId :

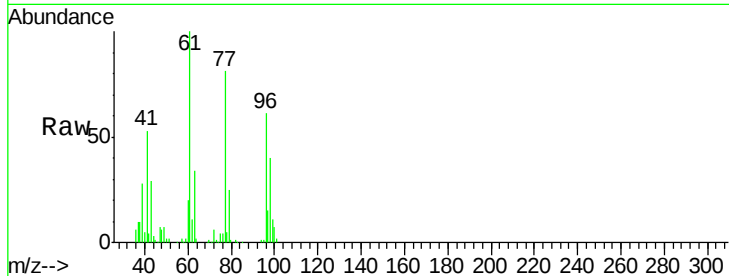
Tot Ion: 96 Resp: 42895

Ion Ratio Lower Upper

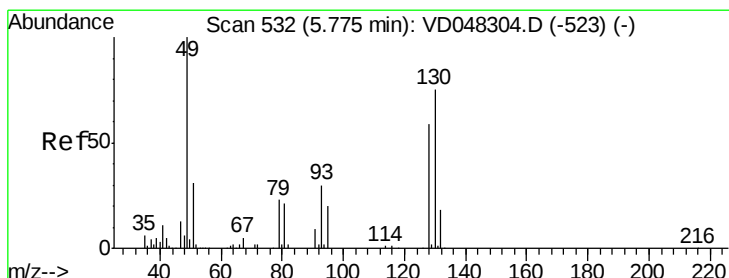
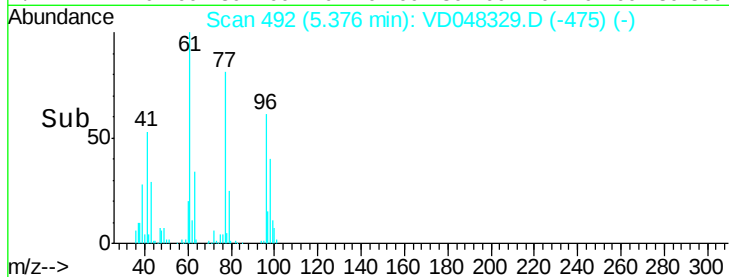
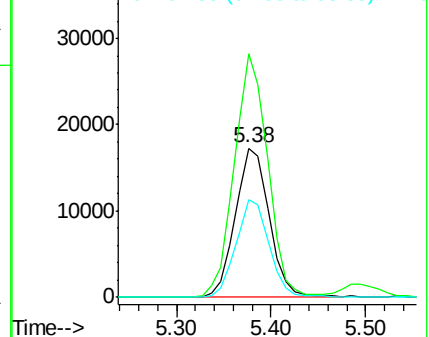
96 100

61 163.2 0.0 332.6

98 65.7 0.0 130.8



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#28

Bromochloromethane

Concen: 17.60 ug/l

RT: 5.74 min Scan# 529

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

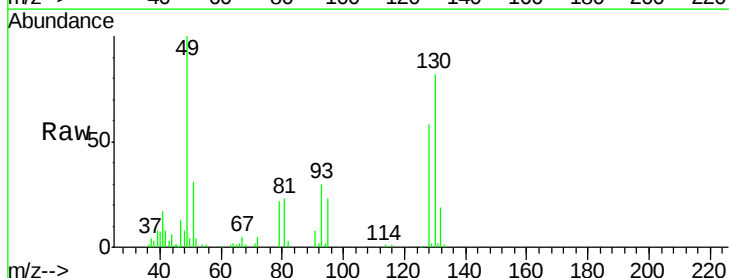
Tgt Ion: 49 Resp: 29061

Ion Ratio Lower Upper

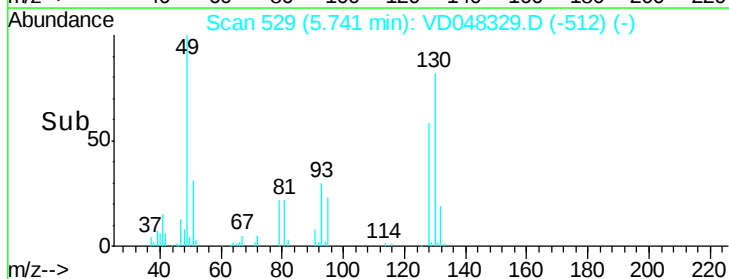
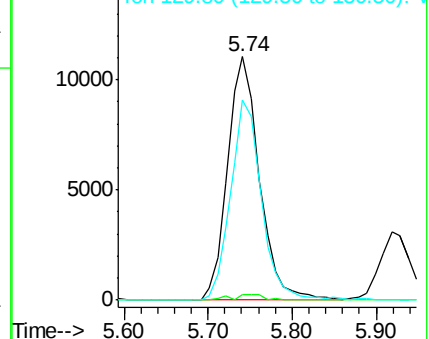
49 100

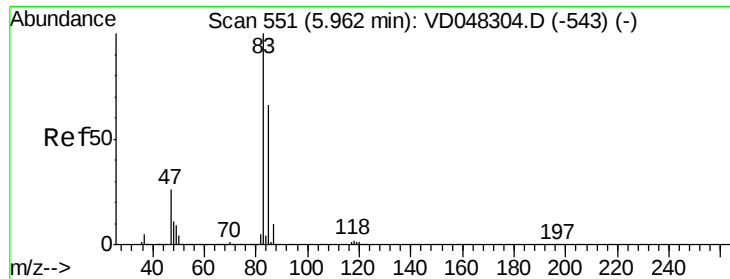
129 2.4 0.0 4.2

130 82.1 62.3 93.5



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





#29

Chloroform

Concen: 19.41 ug/l

RT: 5.92 min Scan# 547

Delta R.T. -0.04 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

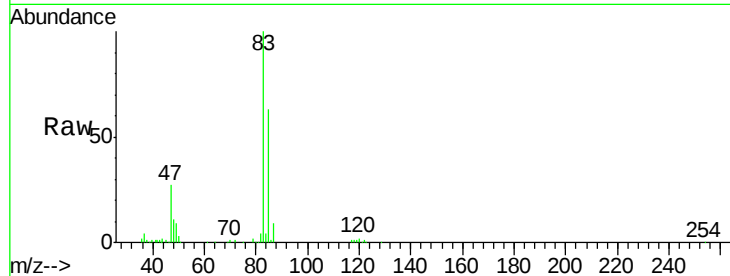
ClientSampleId :

Tot Ion: 83 Resp: 84523

Ion Ratio Lower Upper

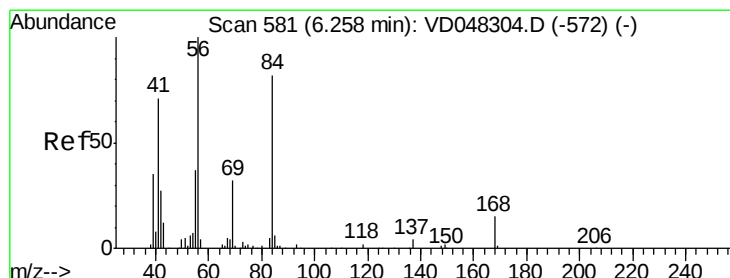
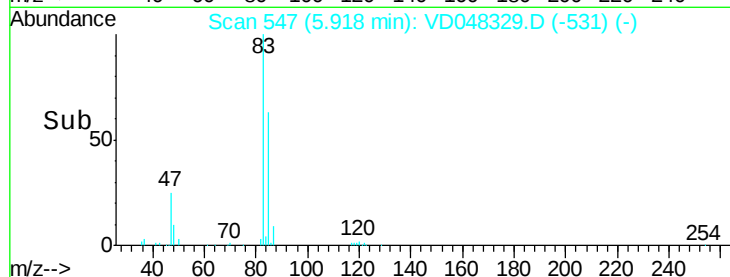
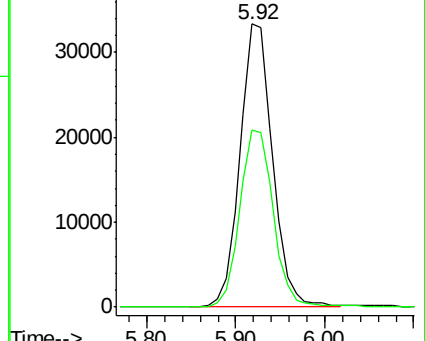
83 100

85 62.8 50.2 75.4



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC



#30

Cyclohexane

Concen: 18.69 ug/l

RT: 6.22 min Scan# 578

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

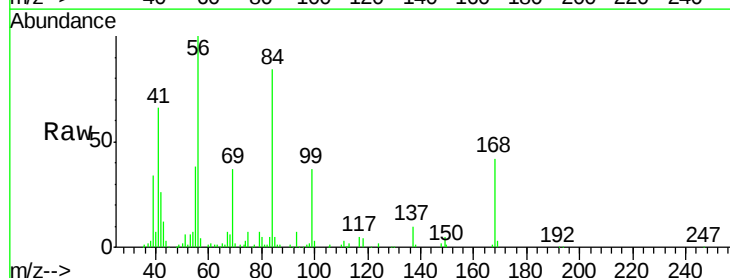
Tgt Ion: 56 Resp: 61801

Ion Ratio Lower Upper

56 100

69 36.6 26.2 39.2

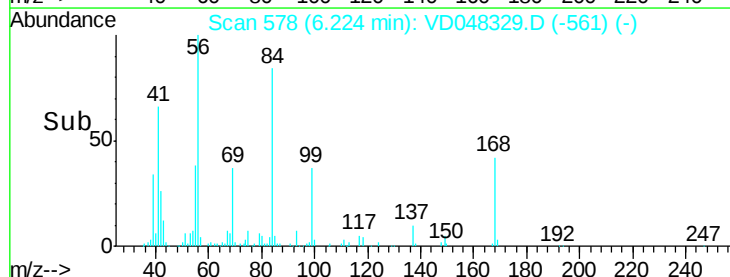
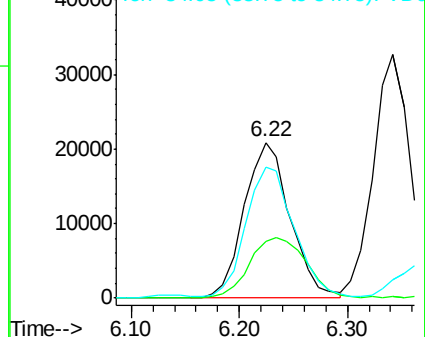
84 83.9 68.5 102.7

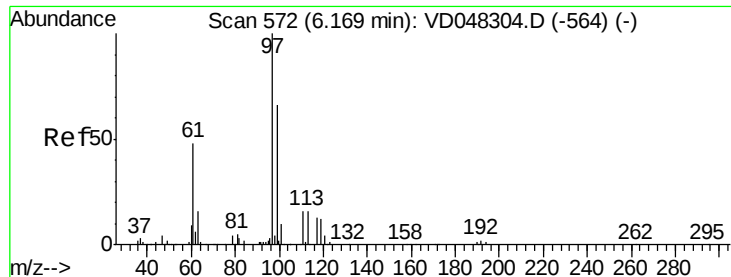


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC





#31

1,1,1-Trichloroethane

Concen: 19.13 ug/l

RT: 6.14 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampled :

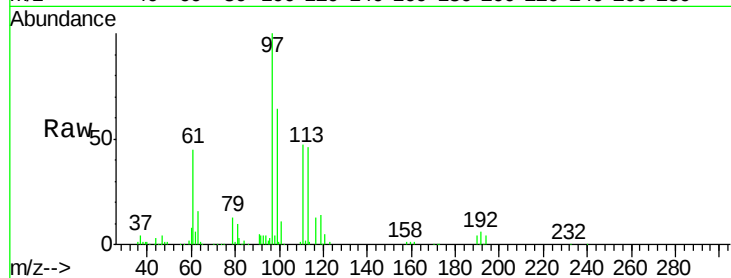
Tot Ion: 97 Resp: 64828

Ion Ratio Lower Upper

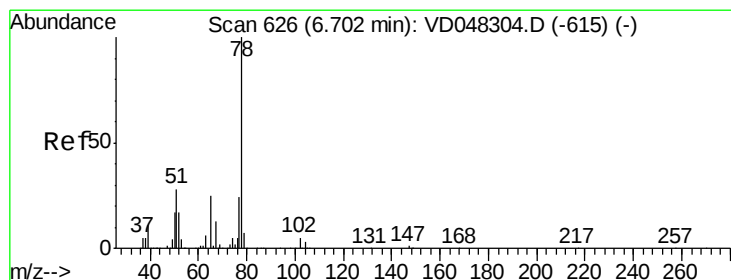
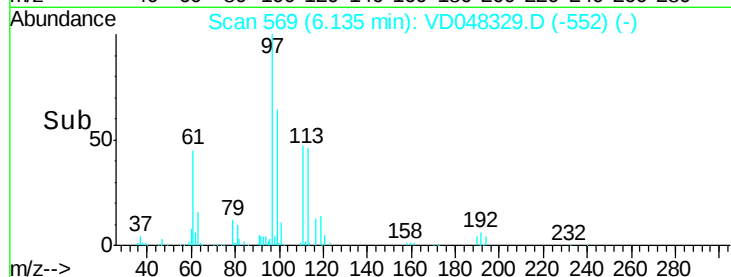
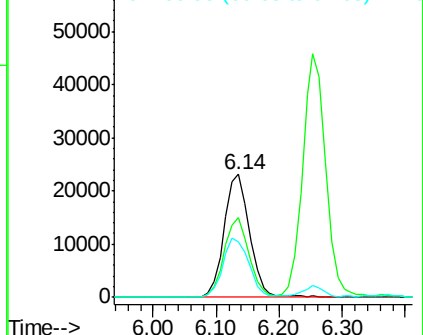
97 100

99 64.5 52.2 78.4

61 45.3 36.0 54.0



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC



#32

1,2-Dichloroethane-d4

Concen: 19.13 ug/l

RT: 6.67 min Scan# 623

Delta R.T. -0.03 min

Lab File: VD048329.D

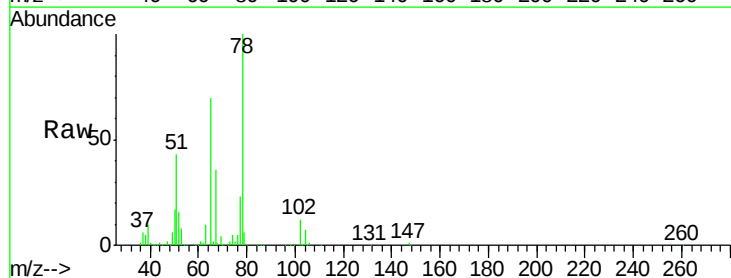
Acq: 6 Jan 2016 18:23

Tgt Ion: 65 Resp: 113010

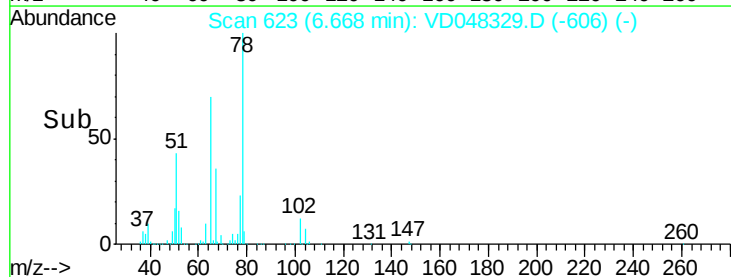
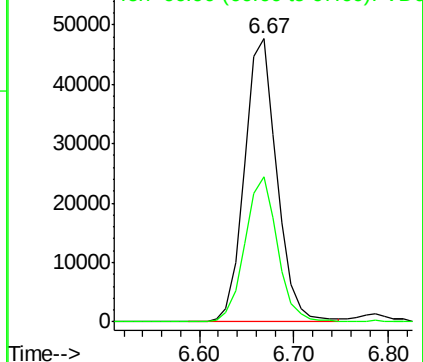
Ion Ratio Lower Upper

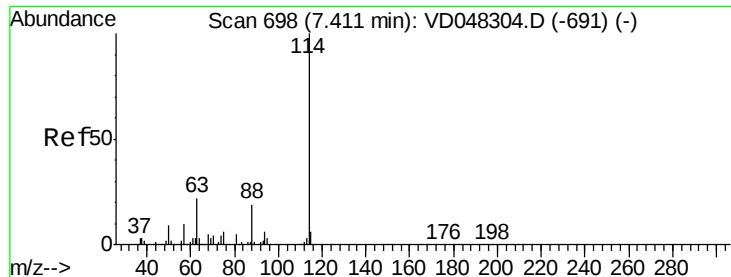
65 100

67 51.1 0.0 106.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#33

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.38 min Scan# 695

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampleId :

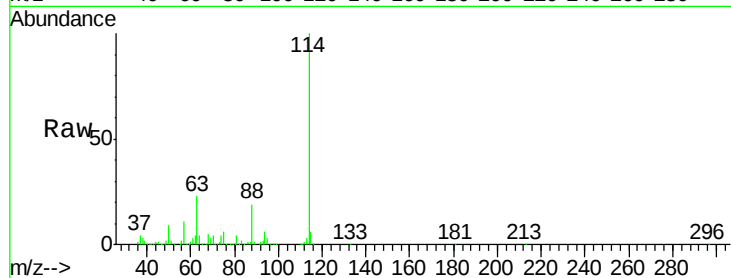
Tot Ion:114 Resp: 338056

Ion Ratio Lower Upper

114 100

63 23.1 0.0 39.4

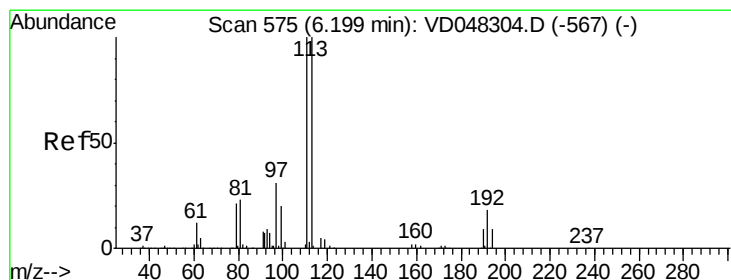
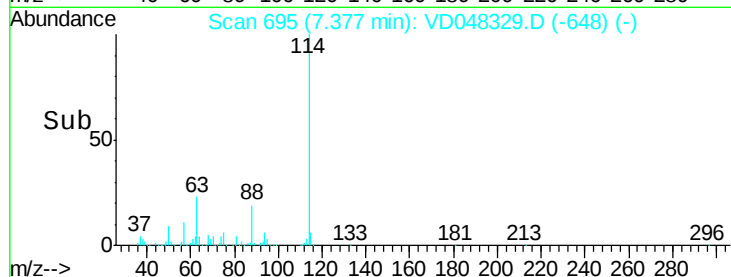
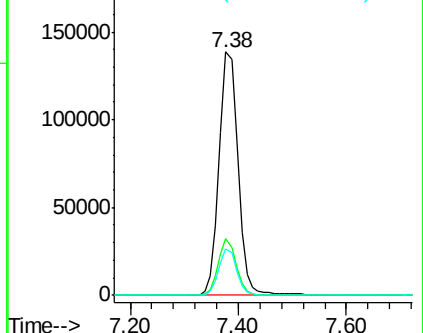
88 18.9 0.0 35.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#34

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.16 min Scan# 572

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

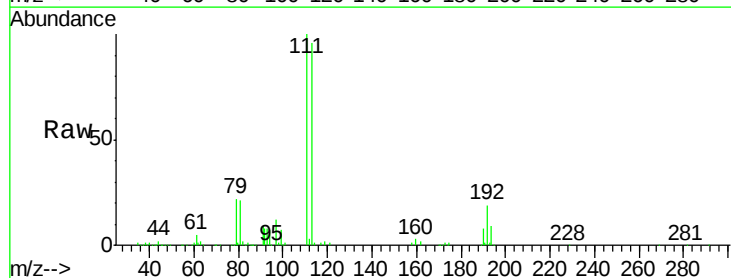
Tgt Ion:113 Resp: 103985

Ion Ratio Lower Upper

113 100

111 103.8 83.7 125.5

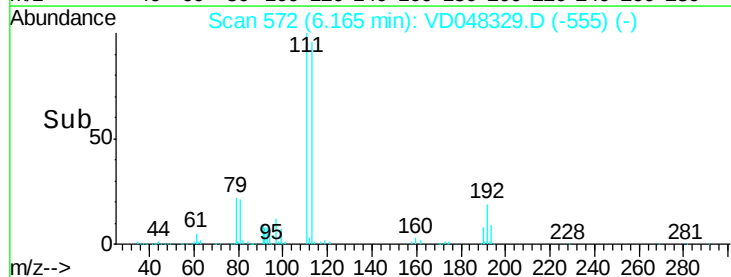
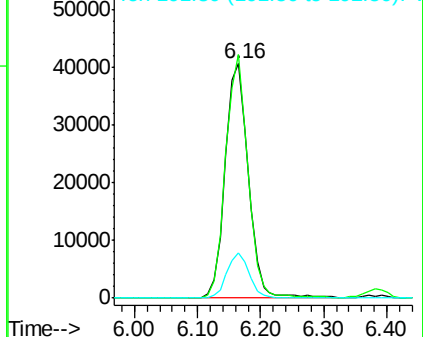
192 19.3 13.9 20.9

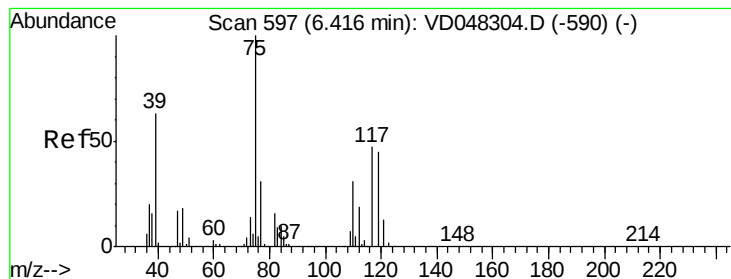


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#35

1,1-Dichloropropene

Concen: 19.45 ug/l

RT: 6.38 min Scan# 594

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampleId :

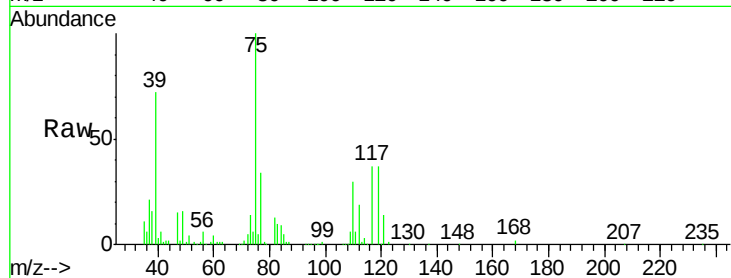
Tot Ion: 75 Resp: 65435

Ion Ratio Lower Upper

75 100

110 30.3 15.6 46.8

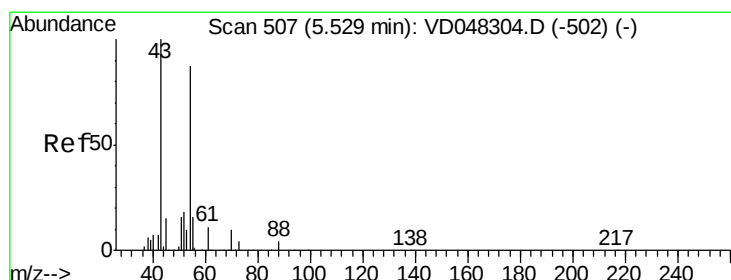
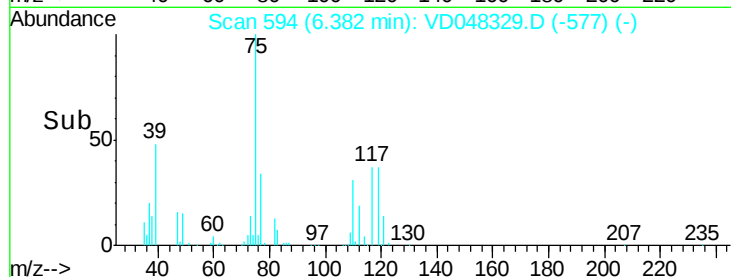
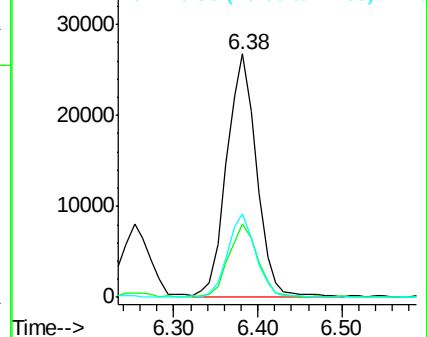
77 34.1 24.2 36.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#36

Ethyl Acetate

Concen: 20.28 ug/l

RT: 5.49 min Scan# 504

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

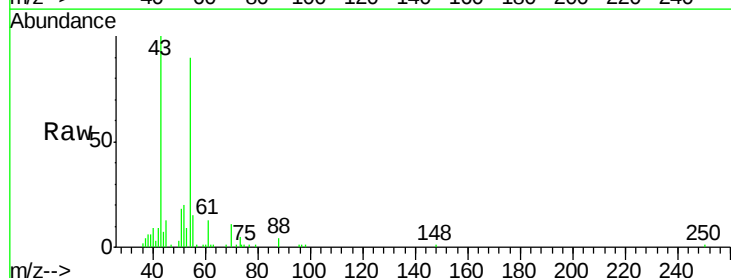
Tgt Ion: 43 Resp: 30130

Ion Ratio Lower Upper

43 100

61 13.4 10.2 15.2

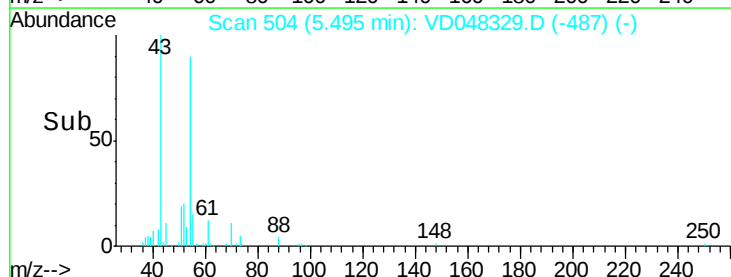
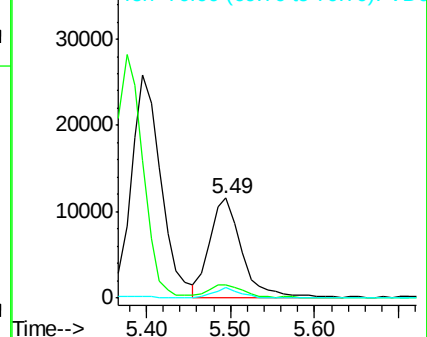
70 10.5 7.8 11.8

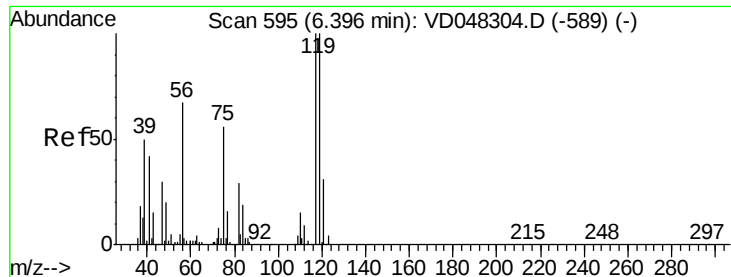


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC





#37

Carbon Tetrachloride

Concen: 18.19 ug/l

RT: 6.36 min Scan# 592

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampleId :

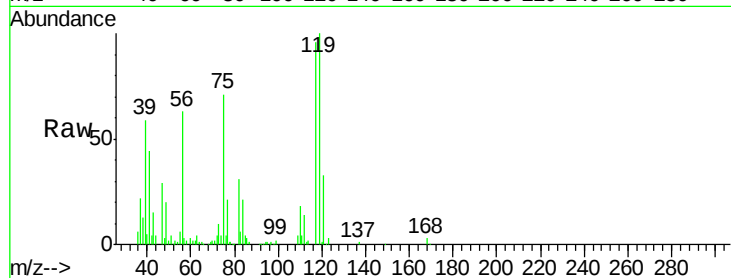
Tot Ion:117 Resp: 54482

Ion Ratio Lower Upper

117 100

119 104.0 79.8 119.8

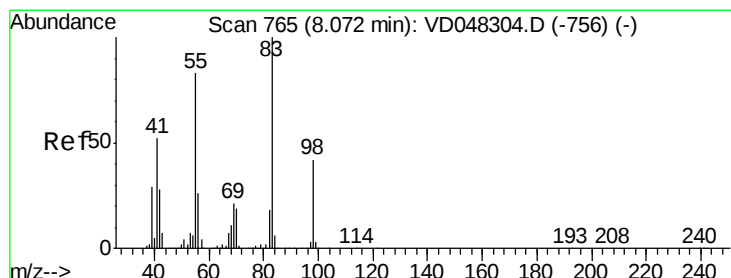
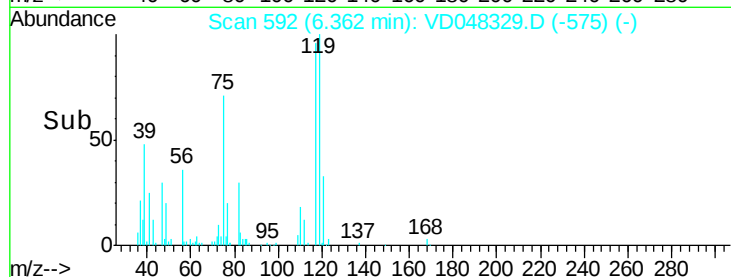
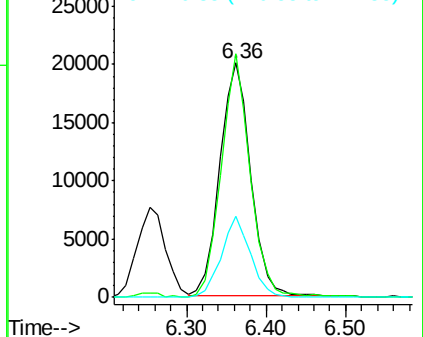
121 34.8 24.2 36.2



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#38

Methylcyclohexane

Concen: 18.09 ug/l

RT: 8.03 min Scan# 761

Delta R.T. -0.04 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

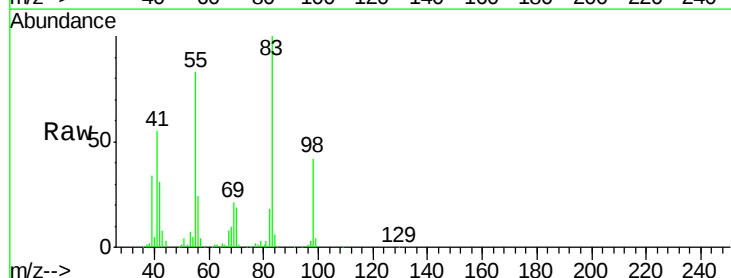
Tgt Ion: 83 Resp: 65491

Ion Ratio Lower Upper

83 100

55 83.5 72.0 108.0

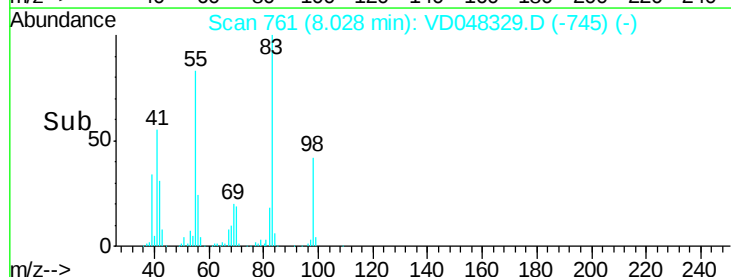
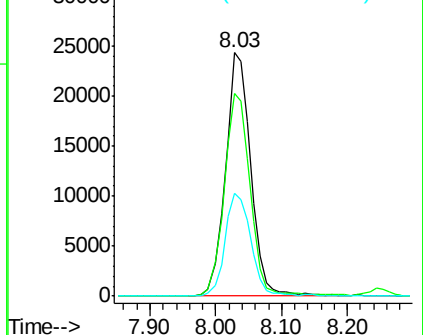
98 42.1 35.3 52.9

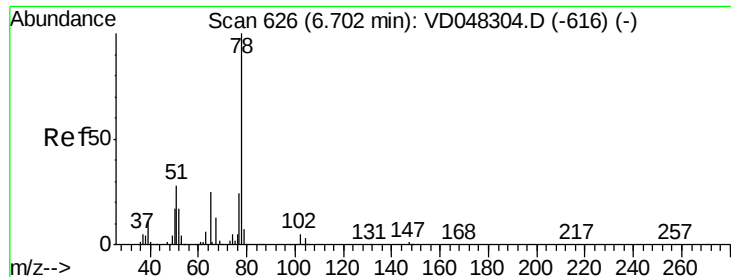


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC





#39

Benzene

Concen: 19.24 ug/l

RT: 6.67 min Scan# 623

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

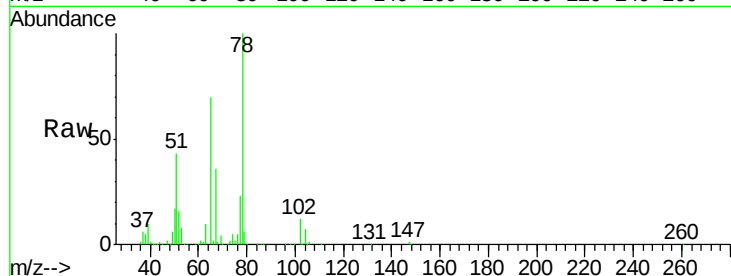
ClientSampleId :

Tot Ion: 78 Resp: 172558

Ion Ratio Lower Upper

78 100

77 23.4 18.5 27.7



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

6.67

80000

60000

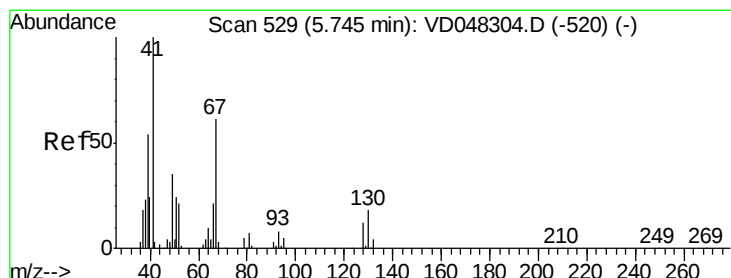
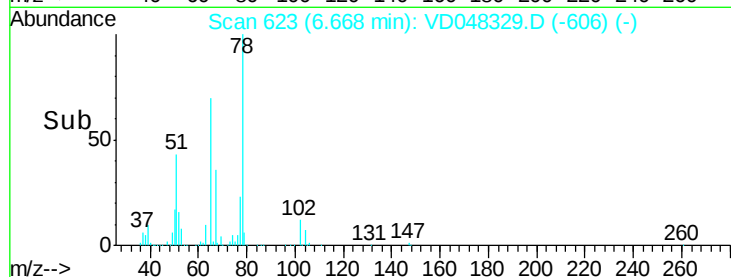
40000

20000

0

Time-->

6.50 6.60 6.70 6.80 6.90



#40

Methacrylonitrile

Concen: 21.29 ug/l

RT: 5.70 min Scan# 525

Delta R.T. -0.04 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Tgt Ion: 41 Resp: 18543

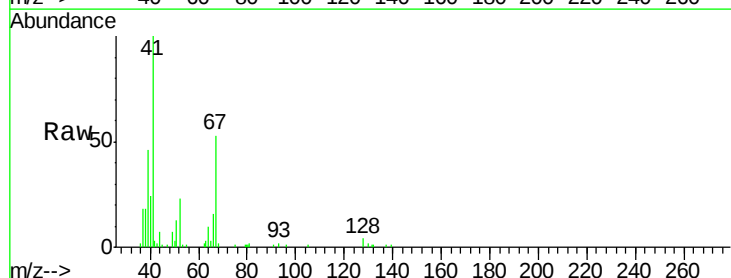
Ion Ratio Lower Upper

41 100

39 46.1 41.2 61.8

67 52.8 47.0 70.6

52 22.6 18.9 28.3



Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

12000

10000

8000

6000

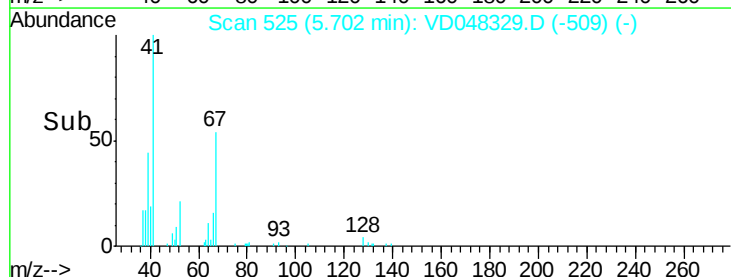
4000

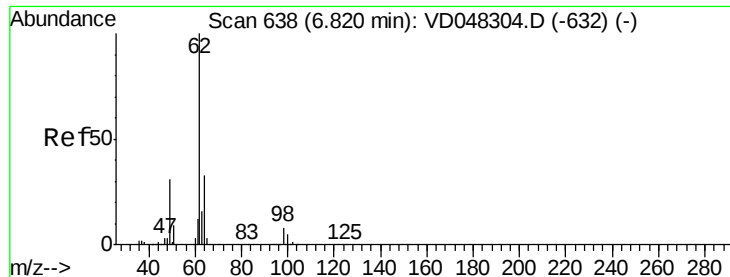
2000

0

Time-->

5.60 5.65 5.70 5.75





#41

1,2-Dichloroethane

Concen: 20.96 ug/l

RT: 6.79 min Scan# 635

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

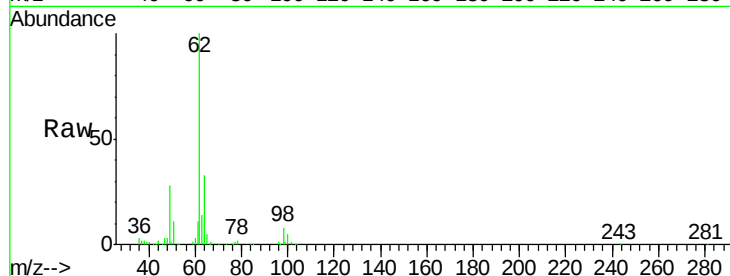
ClientSampleId :

Tot Ion: 62 Resp: 59032

Ion Ratio Lower Upper

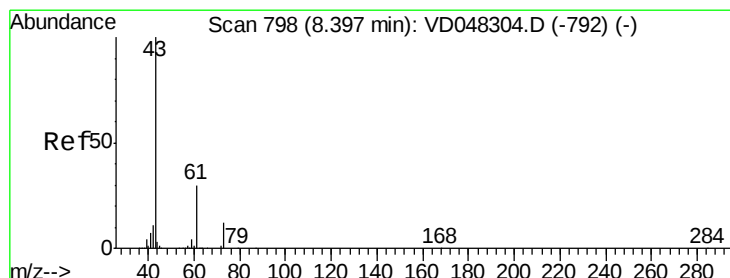
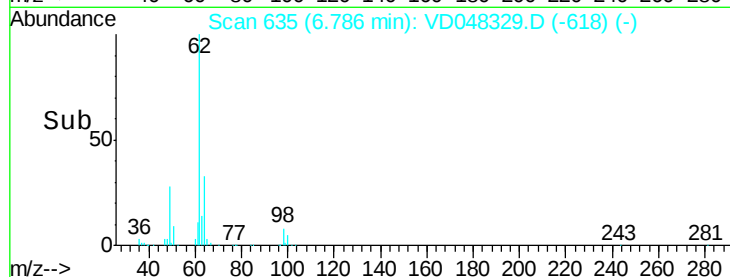
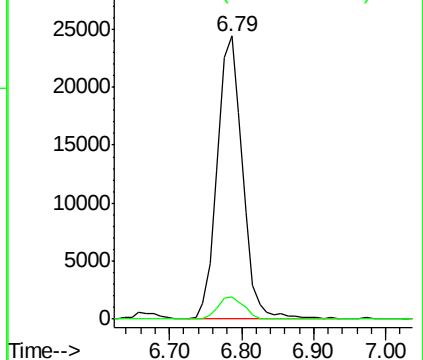
62 100

98 7.7 0.0 14.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#42

Isopropyl Acetate

Concen: 22.88 ug/l

RT: 8.36 min Scan# 795

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

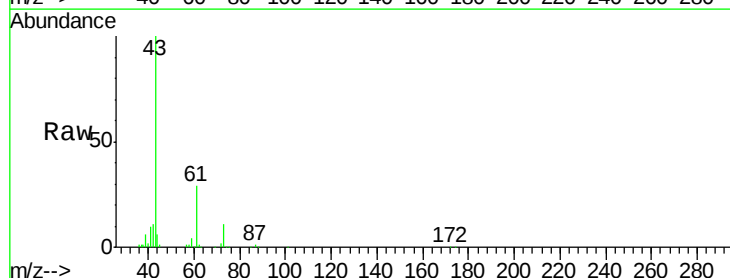
Tgt Ion: 43 Resp: 48319

Ion Ratio Lower Upper

43 100

61 28.5 23.8 35.8

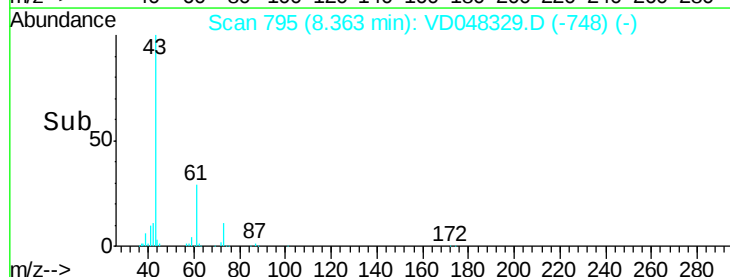
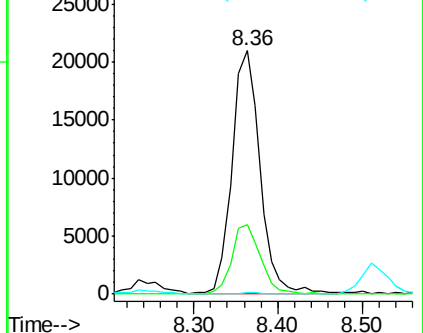
87 0.5 0.3 0.5#

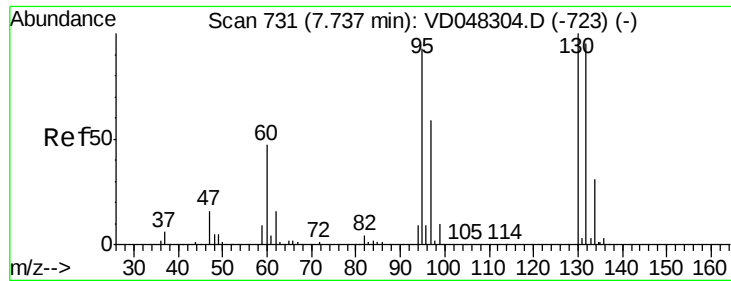


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC

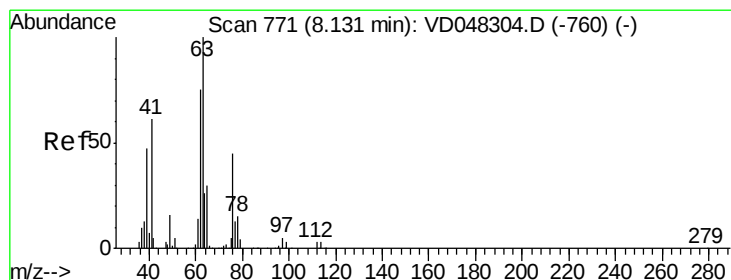
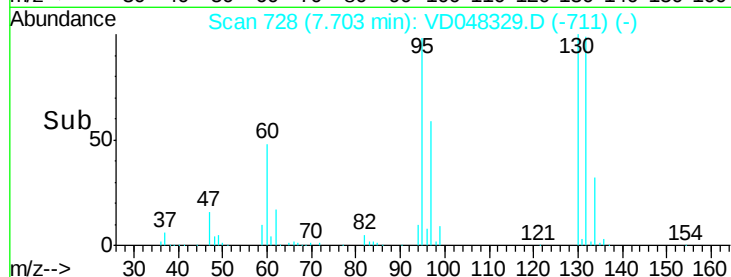
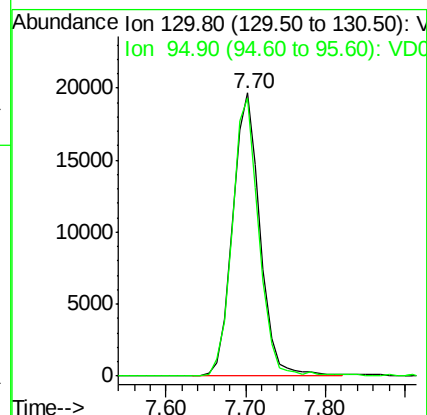
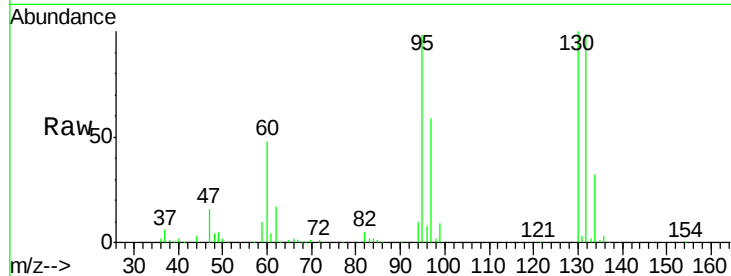




#43
 Trichloroethene
 Concen: 18.70 ug/l
 RT: 7.70 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

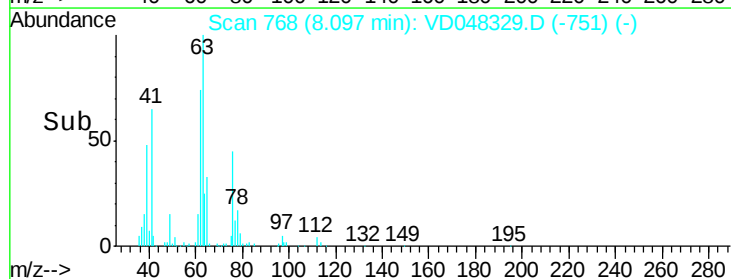
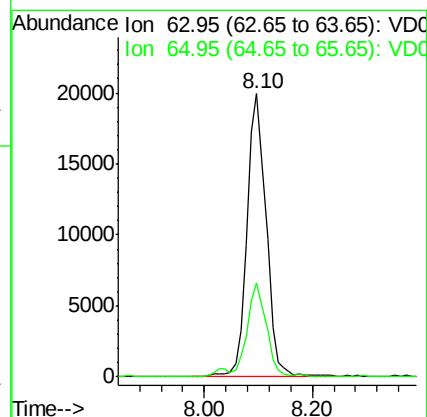
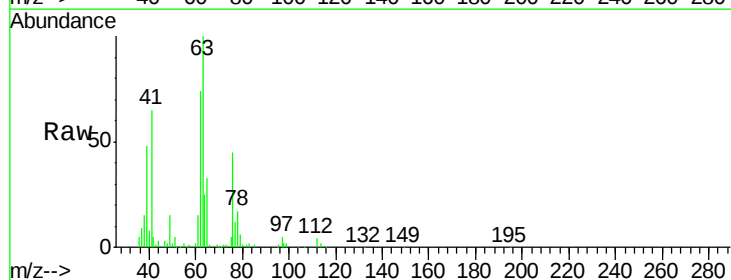
Instrument :
 BNA_F
 ClientSampleId :

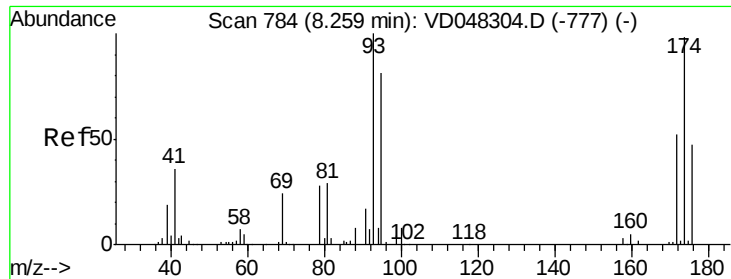
Tot Ion:130 Resp: 47262
 Ion Ratio Lower Upper
 130 100
 95 98.5 0.0 190.2



#44
 1,2-Dichloropropane
 Concen: 19.90 ug/l
 RT: 8.10 min Scan# 768
 Delta R.T. -0.03 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

Tgt Ion: 63 Resp: 49517
 Ion Ratio Lower Upper
 63 100
 65 33.0 23.7 35.5

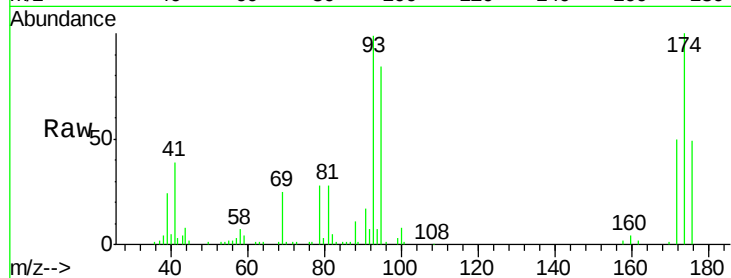




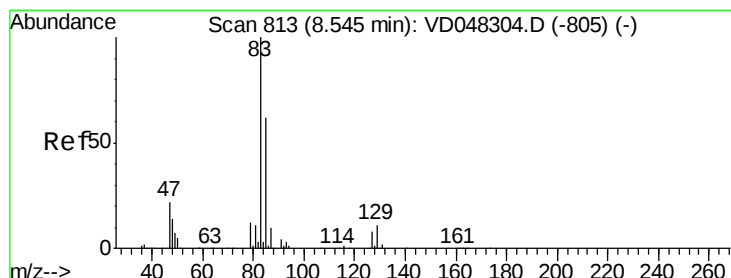
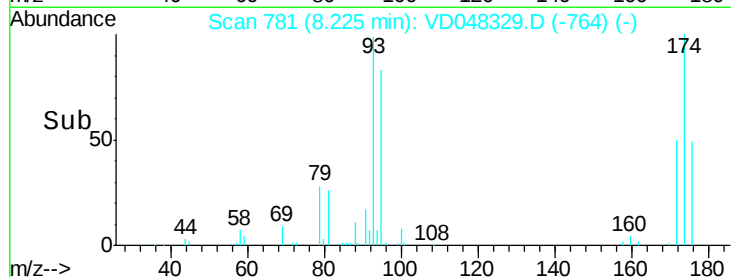
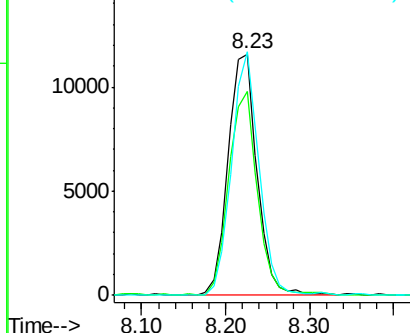
#45
 Dibromomethane
 Concen: 20.48 ug/l
 RT: 8.23 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 27757
 Ion Ratio Lower Upper
 93 100
 95 84.5 64.4 96.6
 174 100.8 74.6 112.0

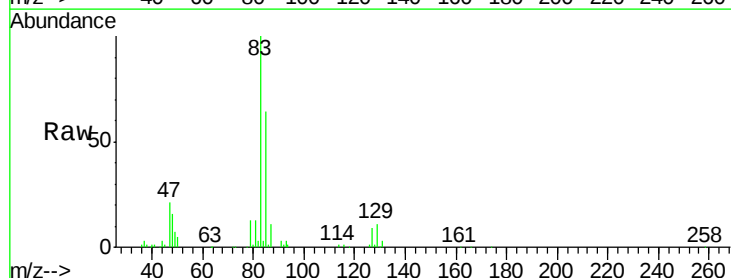


Abundance Ion 92.90 (92.60 to 93.60): VDC
 Ion 94.90 (94.60 to 95.60): VDC
 Ion 173.80 (173.50 to 174.50): V

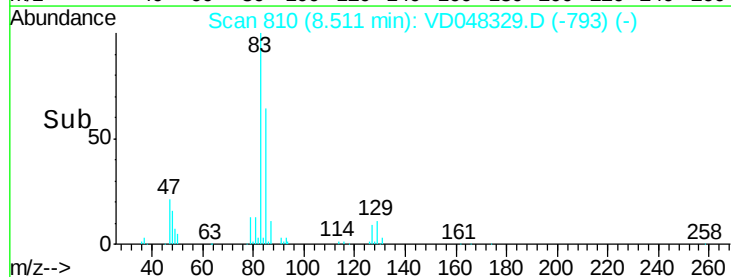
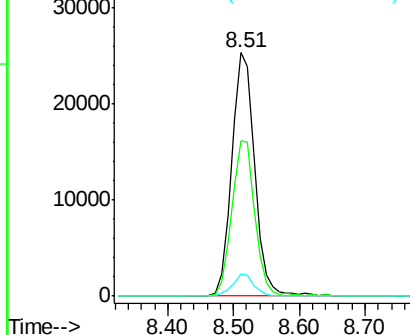


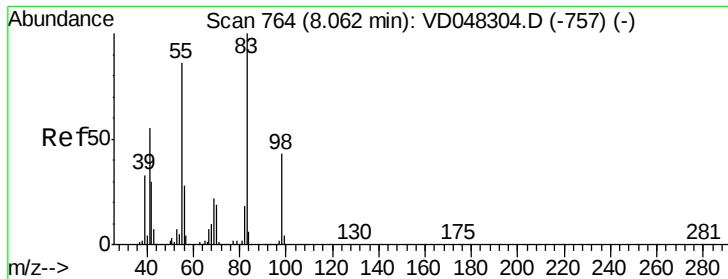
#46
 Bromodichloromethane
 Concen: 19.17 ug/l
 RT: 8.51 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

Tgt Ion: 83 Resp: 62025
 Ion Ratio Lower Upper
 83 100
 85 63.7 48.7 73.1
 127 8.9 6.8 10.2



Abundance Ion 82.85 (82.55 to 83.55): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 126.80 (126.50 to 127.50): V





#47

Methyl methacrylate

Concen: 17.64 ug/l

RT: 8.03 min Scan# 761

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampleId :

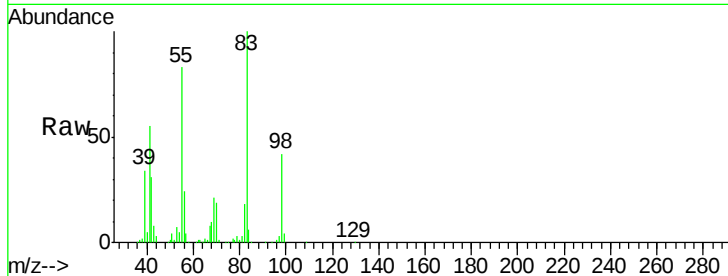
Tot Ion: 41 Resp: 35478

Ion Ratio Lower Upper

41 100

69 37.3 34.6 52.0

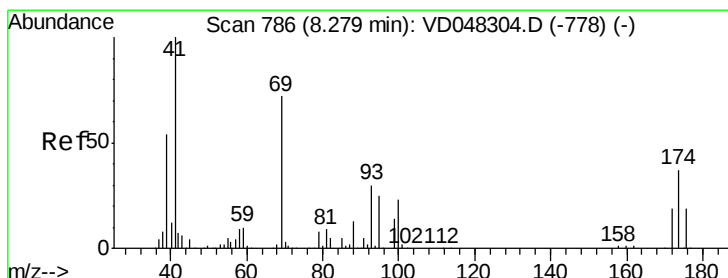
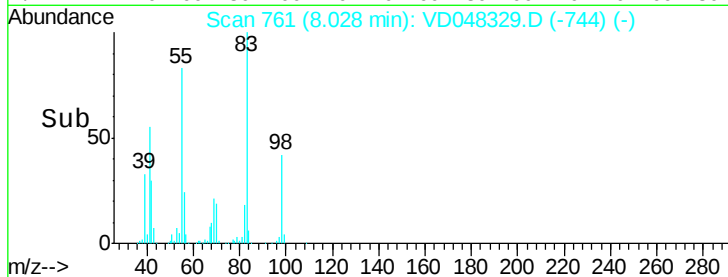
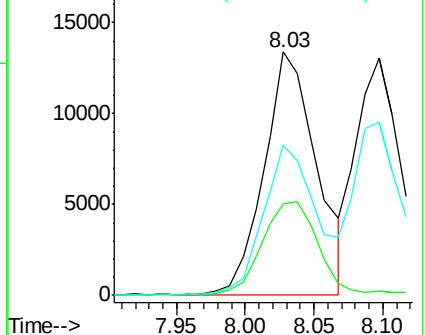
39 61.5 45.6 68.4



Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC



#48

1,4-Dioxane

Concen: 495.42 ug/l

RT: 8.24 min Scan# 783

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

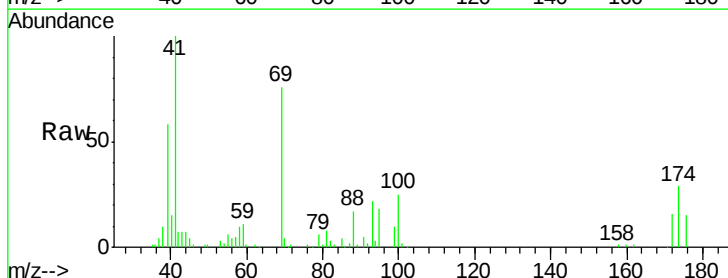
Tgt Ion: 88 Resp: 6042

Ion Ratio Lower Upper

88 100

43 38.7 42.7 64.1#

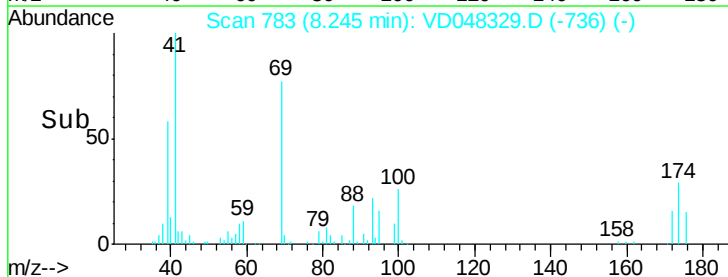
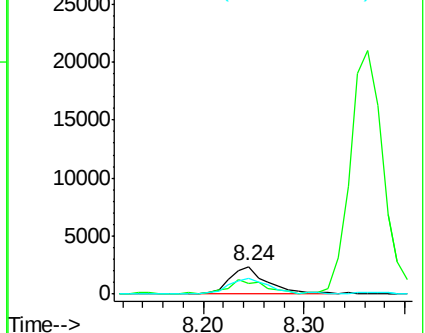
58 59.4 63.9 95.9#

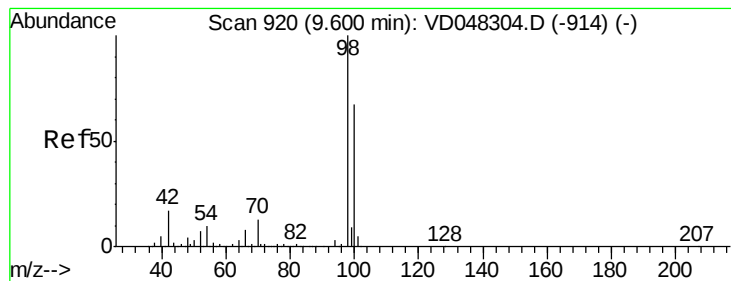


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC





#49

Toluene-d8

Concen: 495.42 ug/l

RT: 9.57 min Scan# 917

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

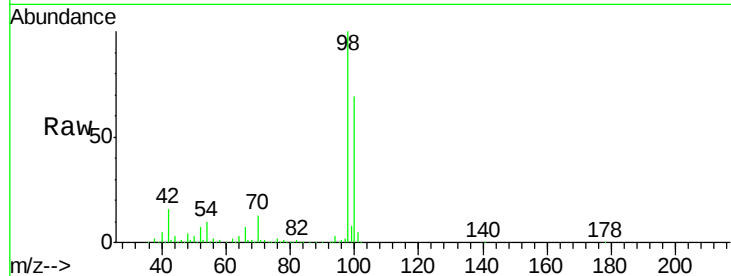
ClientSampleId :

Tot Ion: 98 Resp: 328706

Ion Ratio Lower Upper

98 100

100 68.7 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VD048304.D (-914) (-)

Ion 100.05 (99.75 to 100.75): VD048304.D (-914) (-)

9.57

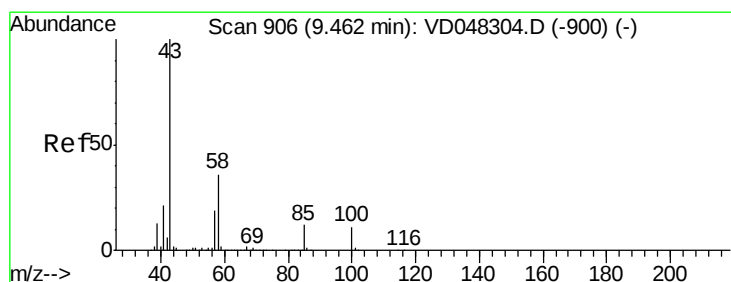
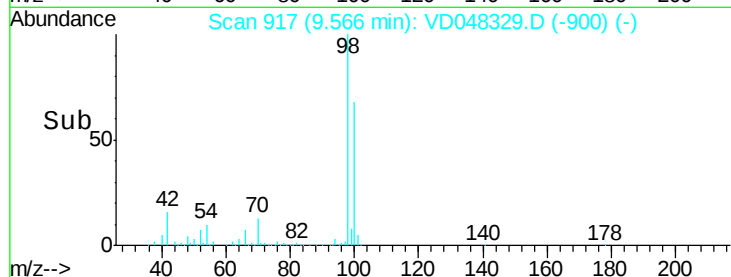
150000

100000

50000

0

Time--> 9.40 9.50 9.60 9.70



#50

4-Methyl-2-Pentanone

Concen: 120.07 ug/l

RT: 9.43 min Scan# 903

Delta R.T. -0.03 min

Lab File: VD048329.D

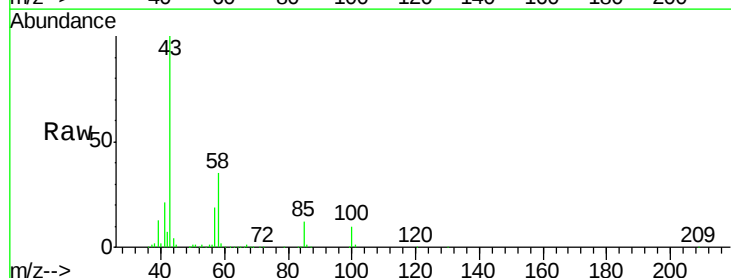
Acq: 6 Jan 2016 18:23

Tgt Ion: 43 Resp: 168553

Ion Ratio Lower Upper

43 100

58 34.8 28.5 42.7



Abundance Ion 42.95 (42.65 to 43.65): VD048304.D (-900) (-)

Ion 57.95 (57.65 to 58.65): VD048304.D (-900) (-)

9.43

80000

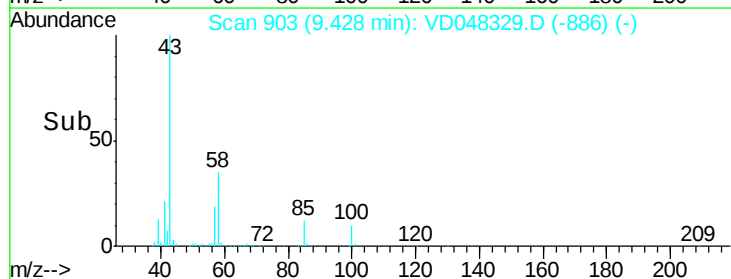
60000

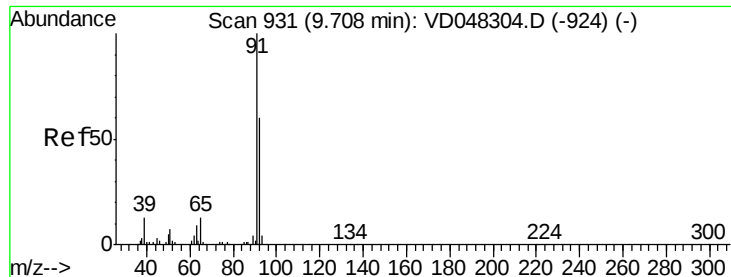
40000

20000

0

Time--> 9.30 9.40 9.50 9.60





#51

Toluene

Concen: 19.08 ug/l

RT: 9.67 min Scan# 928

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

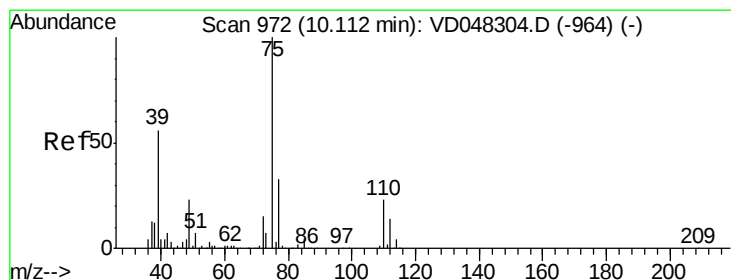
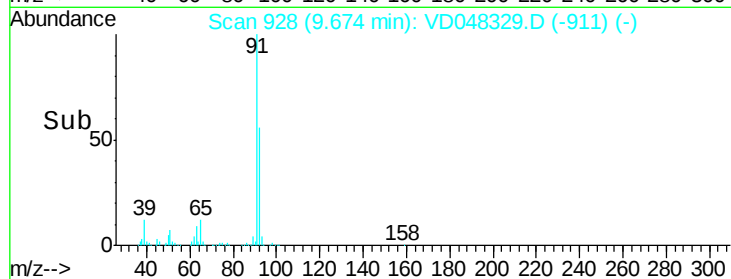
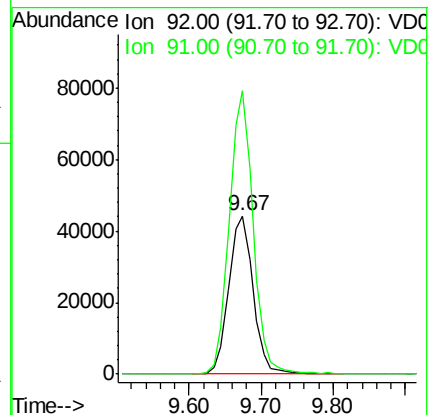
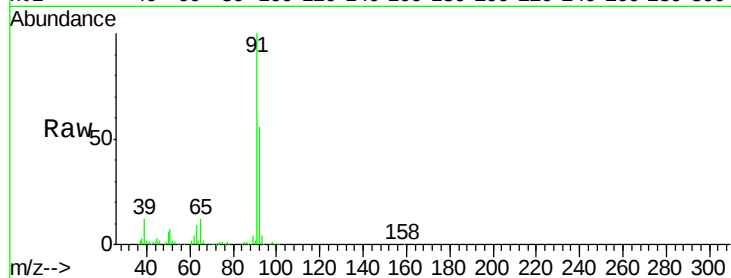
ClientSampleId :

Tot Ion: 92 Resp: 104148

Ion Ratio Lower Upper

92 100

91 179.1 133.4 200.2



#52

t-1,3-Dichloropropene

Concen: 19.43 ug/l

RT: 10.08 min Scan# 969

Delta R.T. -0.03 min

Lab File: VD048329.D

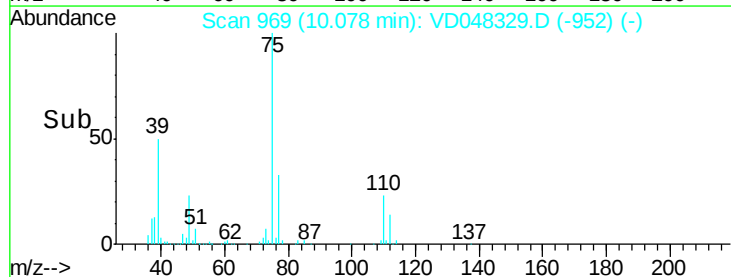
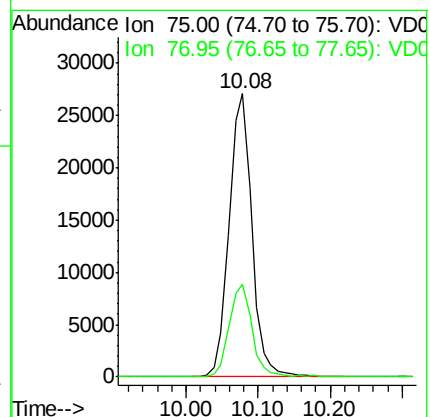
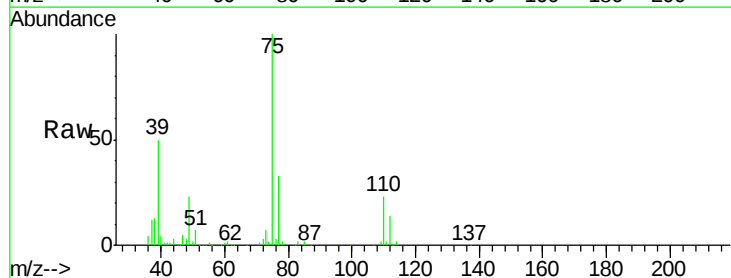
Acq: 6 Jan 2016 18:23

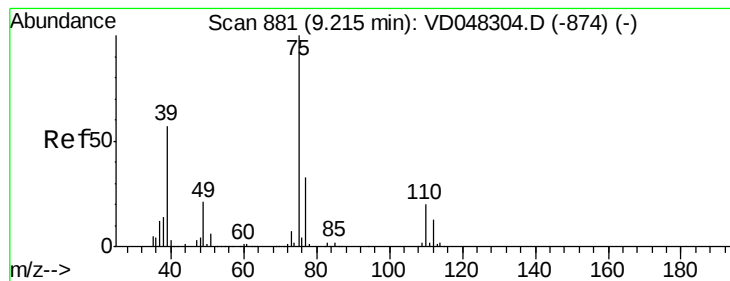
Tgt Ion: 75 Resp: 59300

Ion Ratio Lower Upper

75 100

77 32.9 26.4 39.6





#53

cis-1,3-Dichloropropene

Concen: 19.02 ug/l

RT: 9.18 min Scan# 878

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampleId :

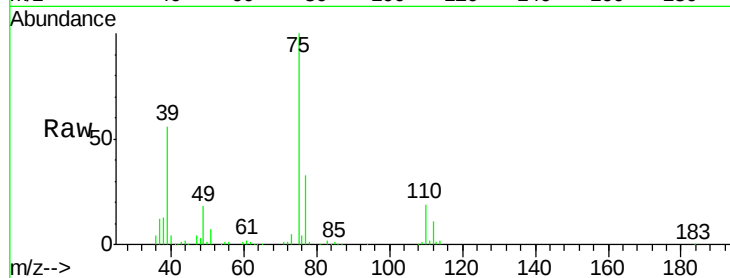
Tot Ion: 75 Resp: 73130

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

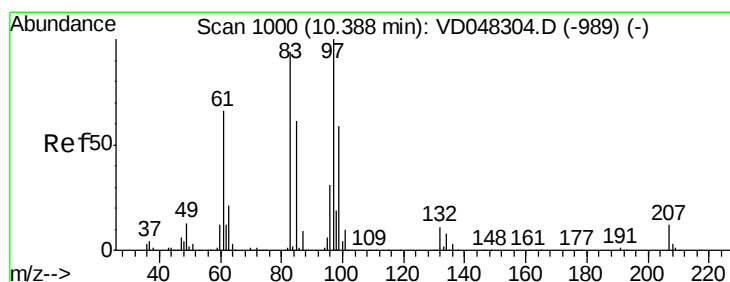
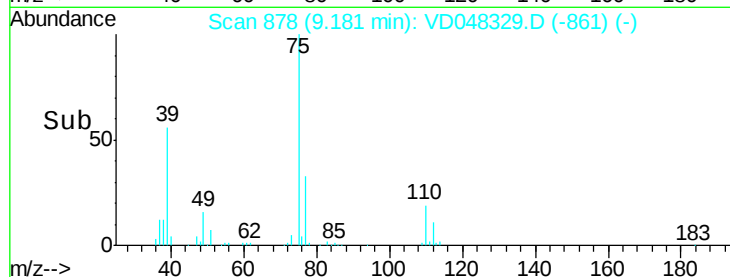
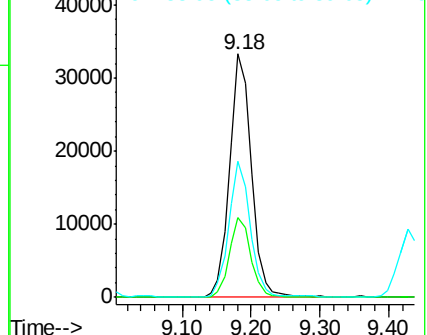
39 56.0 41.5 62.3



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC



#54

1,1,2-Trichloroethane

Concen: 20.69 ug/l

RT: 10.35 min Scan# 997

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Tgt Ion: 97 Resp: 35363

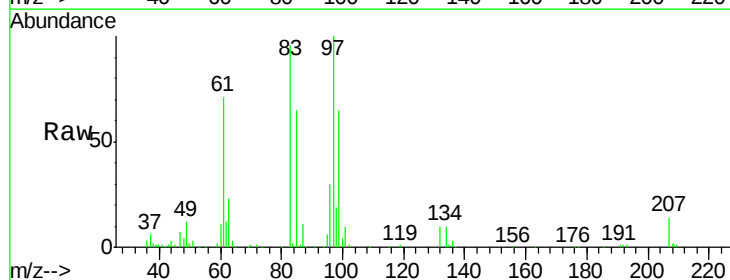
Ion Ratio Lower Upper

97 100

83 95.7 78.2 117.2

85 64.9 48.1 72.1

99 64.9 50.0 75.0

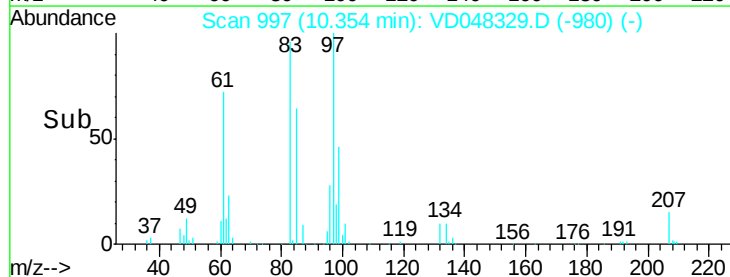
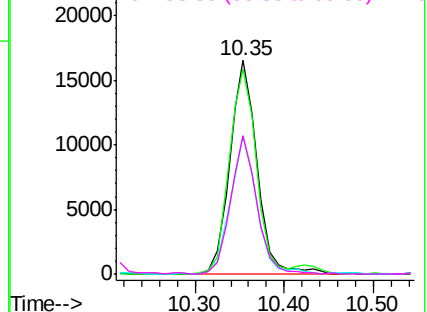


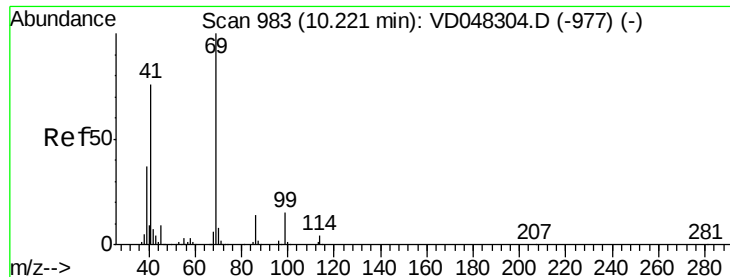
Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC





#55

Ethyl methacrylate

Concen: 22.55 ug/l

RT: 10.20 min Scan# 981

Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampled :

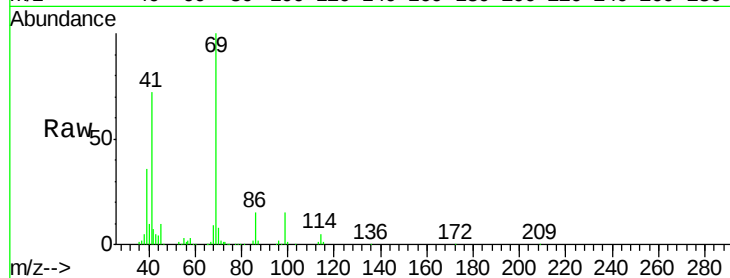
Tot Ion: 69 Resp: 46341

Ion Ratio Lower Upper

69 100

41 71.6 55.3 82.9

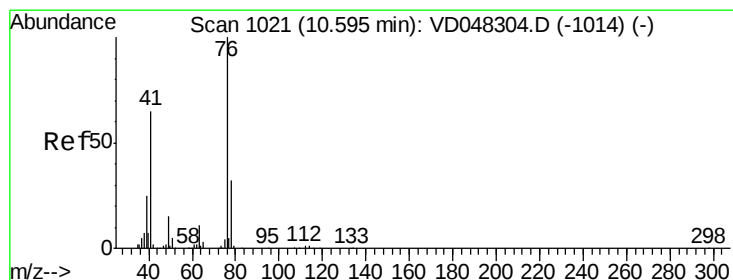
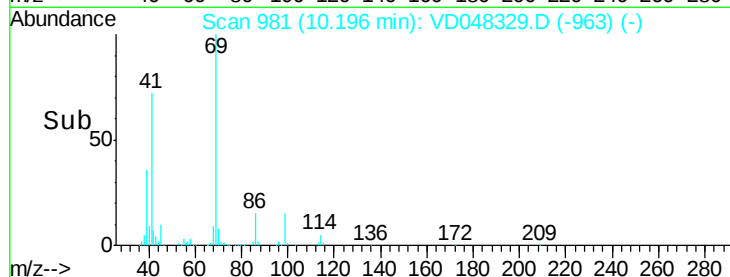
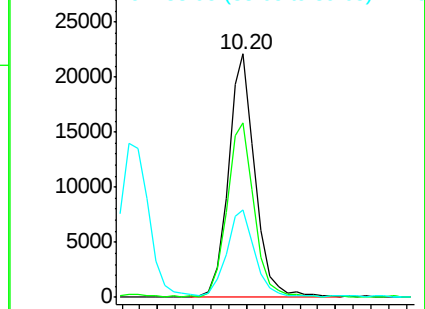
39 35.8 29.4 44.2



Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC



#56

1,3-Dichloropropane

Concen: 21.34 ug/l

RT: 10.57 min Scan# 1019

Delta R.T. -0.02 min

Lab File: VD048329.D

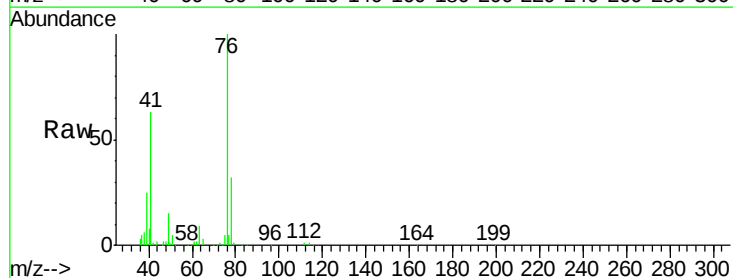
Acq: 6 Jan 2016 18:23

Tgt Ion: 76 Resp: 72721

Ion Ratio Lower Upper

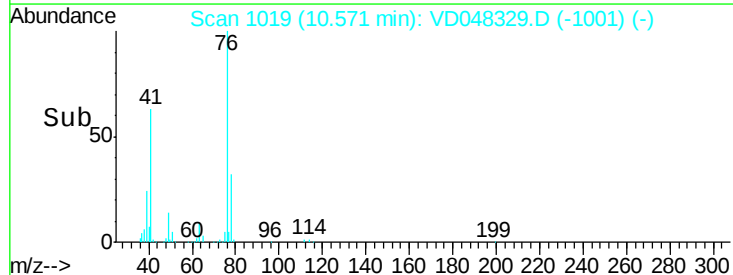
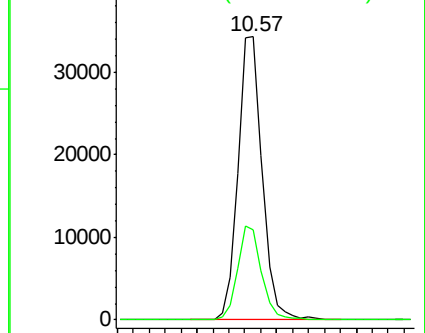
76 100

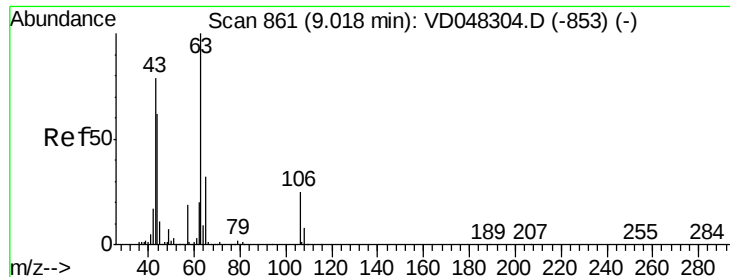
78 31.9 25.8 38.8



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC





#57

2-Chloroethyl Vinyl ether

Concen: 98.48 ug/l

RT: 8.98 min Scan# 858

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

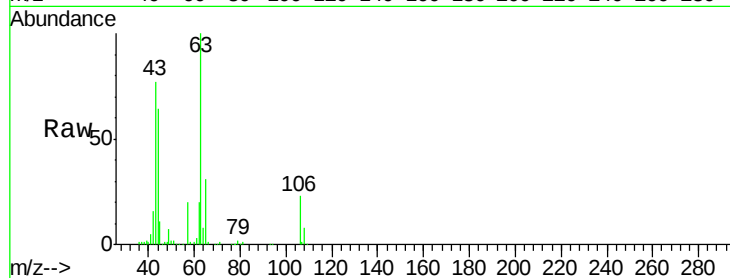
ClientSampleId :

Tot Ion: 63 Resp: 120106

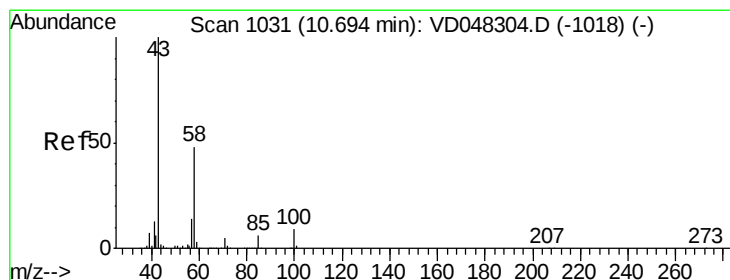
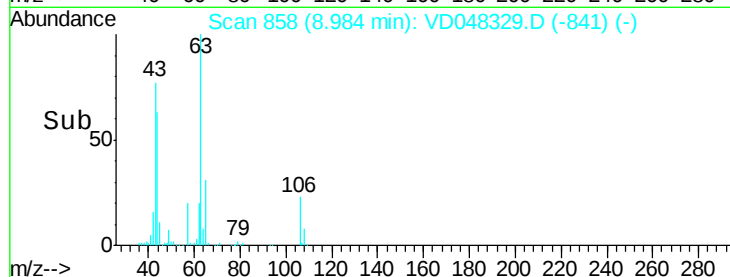
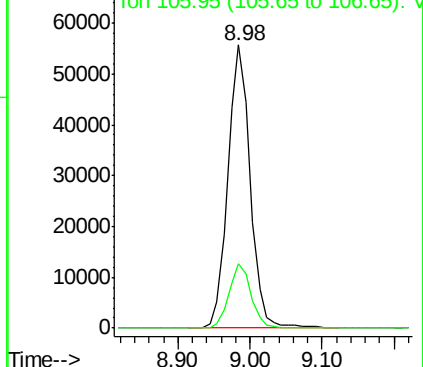
Ion Ratio Lower Upper

63 100

106 22.9 18.7 28.1



Abundance Ion 62.95 (62.65 to 63.65): VDC



#58

2-Hexanone

Concen: 126.50 ug/l

RT: 10.66 min Scan# 1028

Delta R.T. -0.03 min

Lab File: VD048329.D

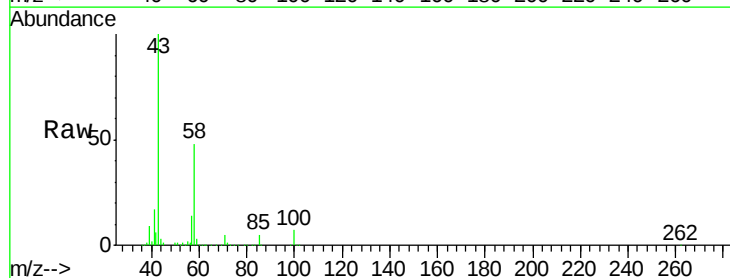
Acq: 6 Jan 2016 18:23

Tgt Ion: 43 Resp: 123665

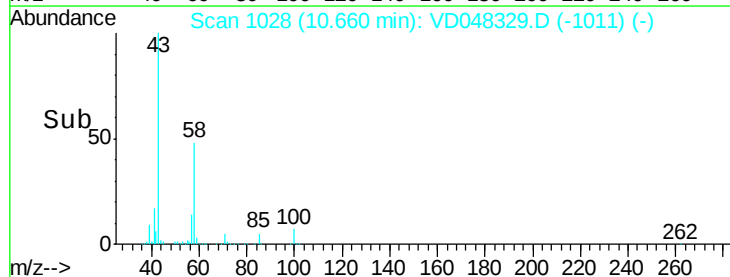
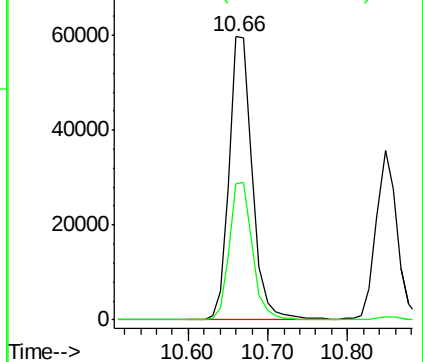
Ion Ratio Lower Upper

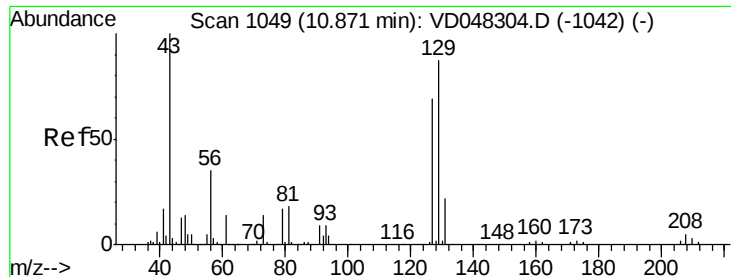
43 100

58 48.1 24.4 73.2



Abundance Ion 42.95 (42.65 to 43.65): VDC





#59

Dibromochloromethane

Concen: 19.07 ug/l

RT: 10.85 min Scan# 1047

Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

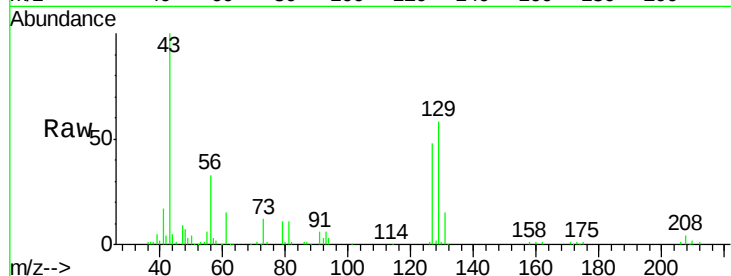
ClientSampleId :

Tot Ion:129 Resp: 43189

Ion Ratio Lower Upper

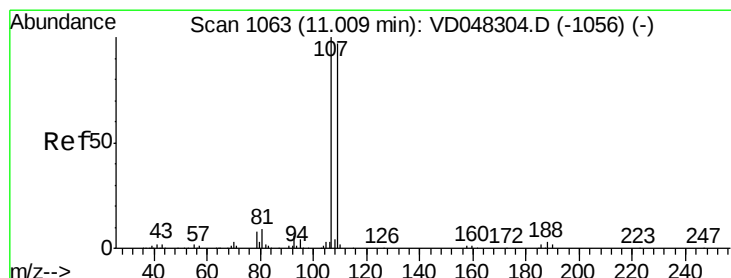
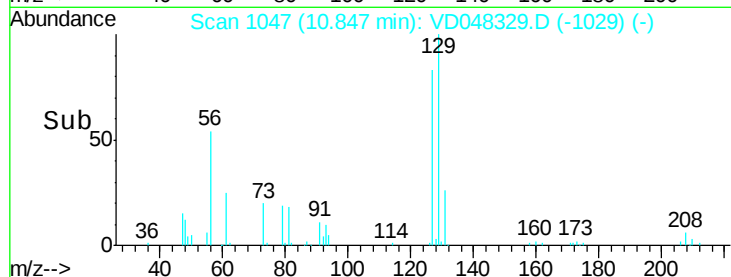
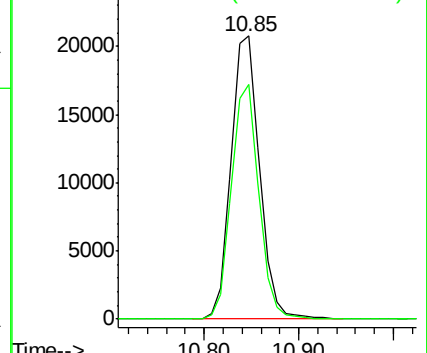
129 100

127 83.1 37.5 112.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#60

1,2-Dibromoethane

Concen: 21.19 ug/l

RT: 10.98 min Scan# 1060

Delta R.T. -0.03 min

Lab File: VD048329.D

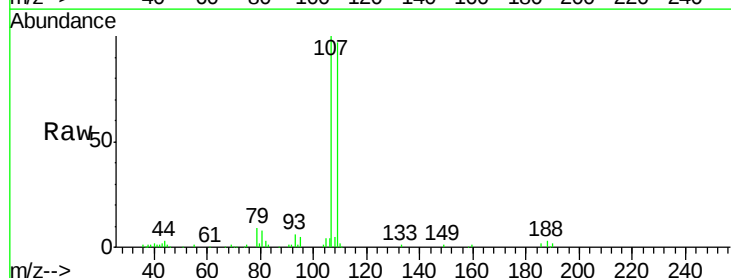
Acq: 6 Jan 2016 18:23

Tgt Ion:107 Resp: 38814

Ion Ratio Lower Upper

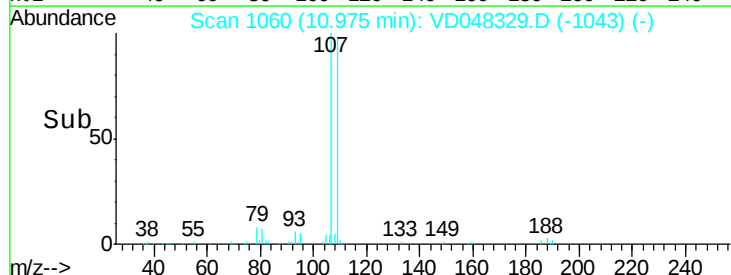
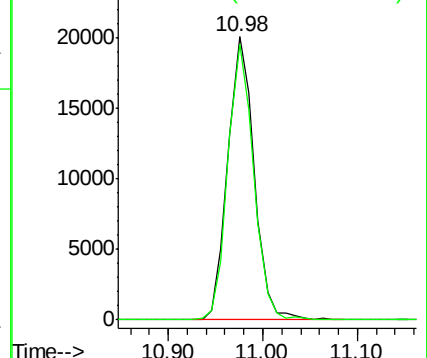
107 100

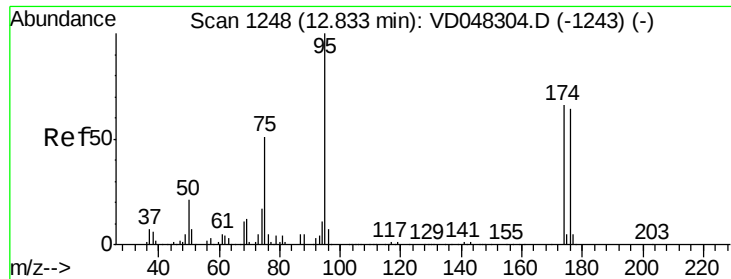
109 97.5 77.3 115.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

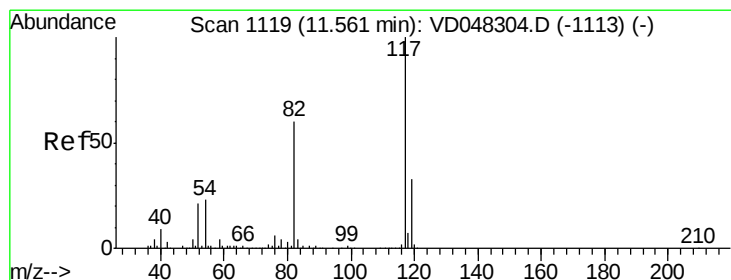
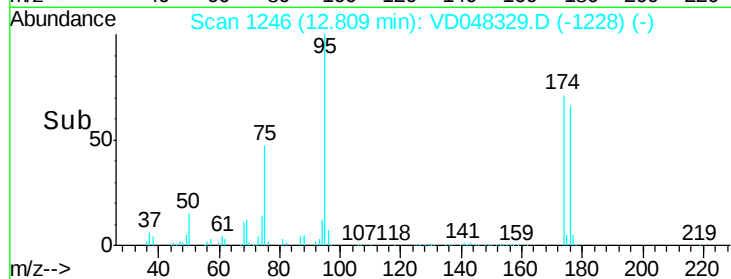
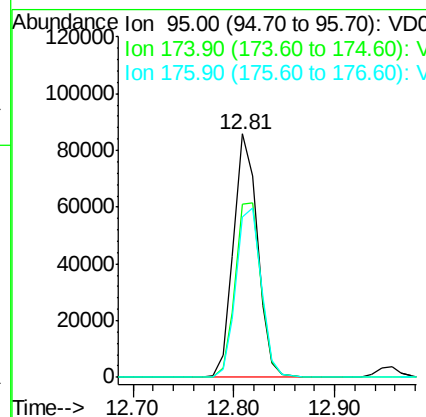
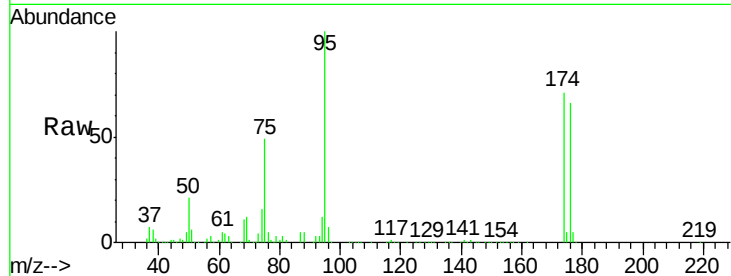




#61
4-Bromofluorobenzene
Concen: 21.19 ug/l
RT: 12.81 min Scan# 1246
Delta R.T. -0.02 min
Lab File: VD048329.D
Acq: 6 Jan 2016 18:23

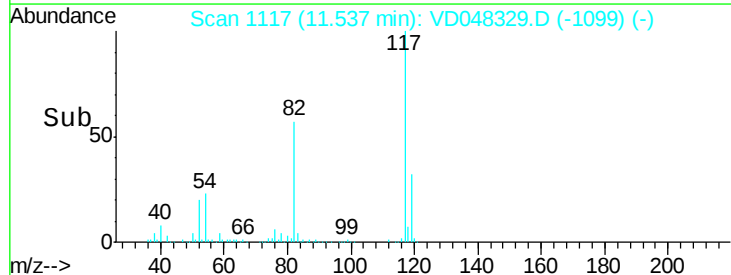
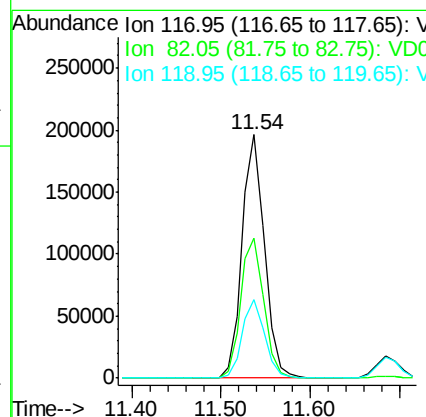
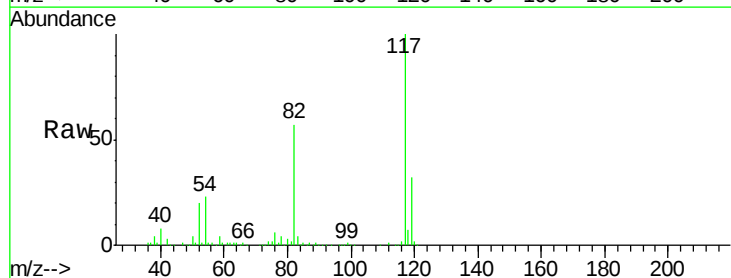
Instrument :
BNA_F
ClientSampleId :

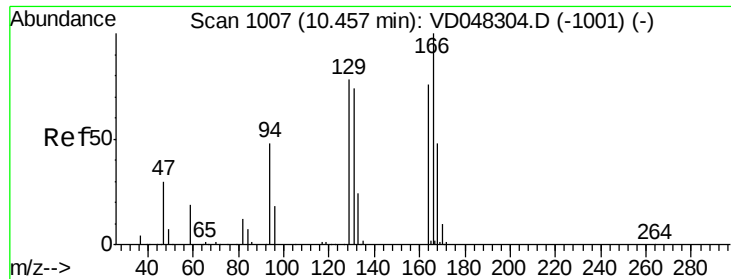
Tot Ion	95	Resp	142534
Ion Ratio	Lower	Upper	
95	100		
174	71.3	0.0	156.2
176	65.7	0.0	147.4



#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.54 min Scan# 1117
Delta R.T. -0.02 min
Lab File: VD048329.D
Acq: 6 Jan 2016 18:23

Tgt Ion	117	Resp	345474
Ion Ratio	Lower	Upper	
117	100		
82	57.4	46.8	70.2
119	32.3	26.1	39.1

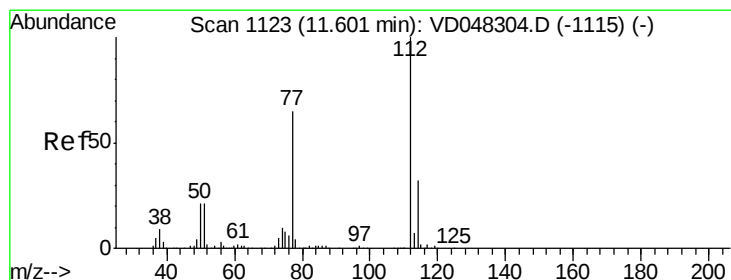
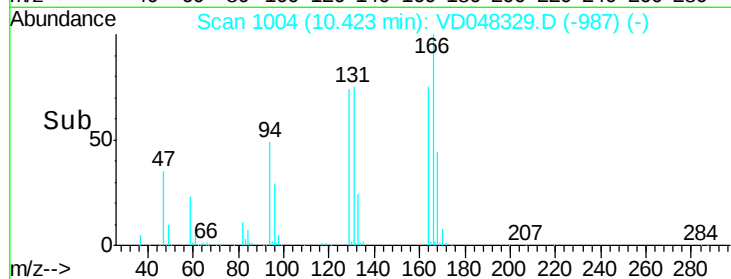
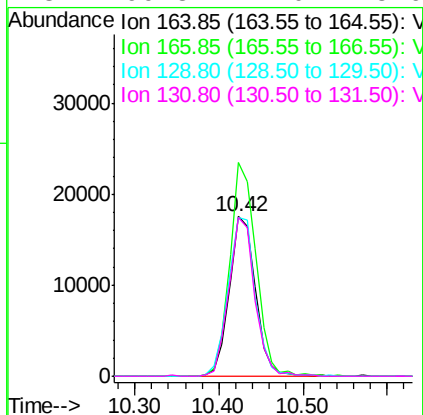
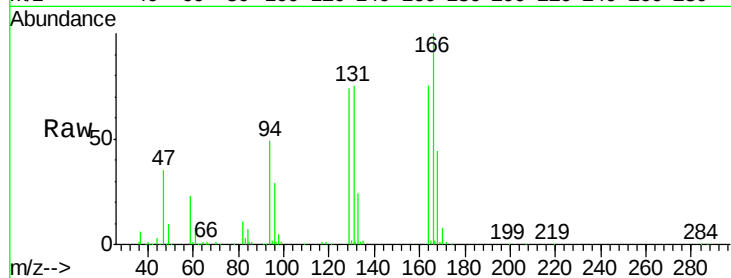




#63
Tetrachloroethene
Concen: 17.78 ug/l
RT: 10.42 min Scan# 1004
Delta R.T. -0.03 min
Lab File: VD048329.D
Acq: 6 Jan 2016 18:23

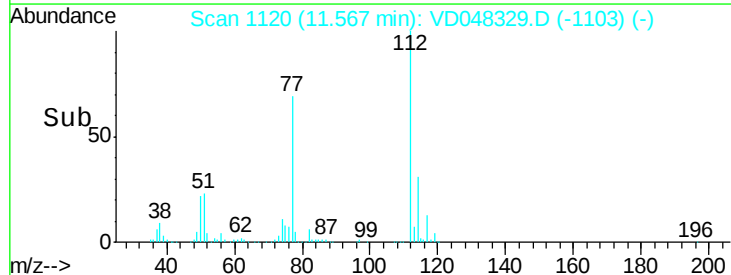
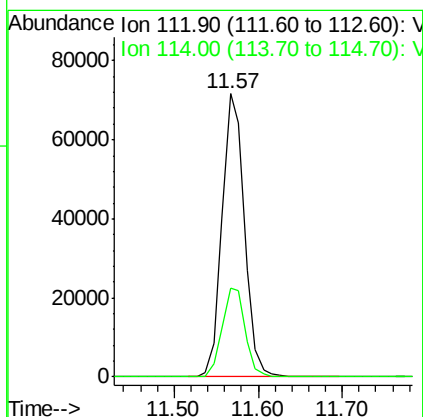
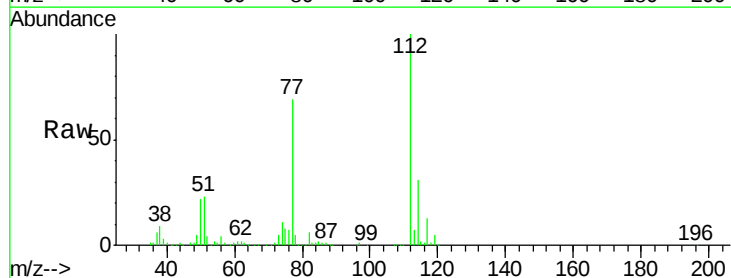
Instrument :
BNA_F
ClientSampleId :

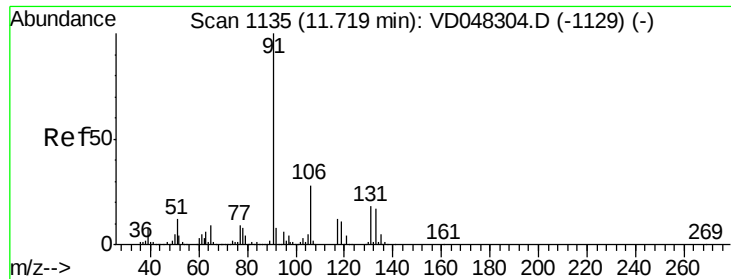
Tot Ion:164 Resp: 38056
Ion Ratio Lower Upper
164 100
166 133.9 103.9 155.9
129 99.6 78.9 118.3
131 99.8 77.0 115.6



#64
Chlorobenzene
Concen: 19.16 ug/l
RT: 11.57 min Scan# 1120
Delta R.T. -0.03 min
Lab File: VD048329.D
Acq: 6 Jan 2016 18:23

Tgt Ion:112 Resp: 131961
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1





#65

1,1,1,2-Tetrachloroethane

Concen: 19.02 ug/l

RT: 11.68 min Scan# 1132

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampled :

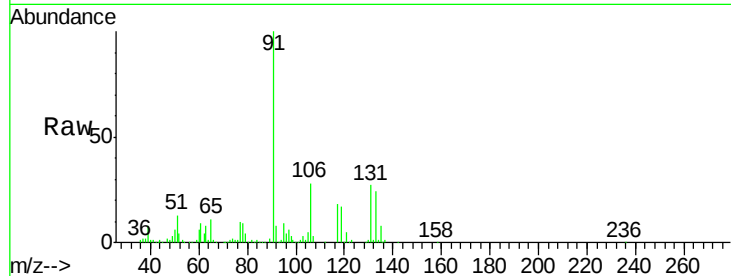
Tot Ion:131 Resp: 46712

Ion Ratio Lower Upper

131 100

133 90.5 47.5 142.6

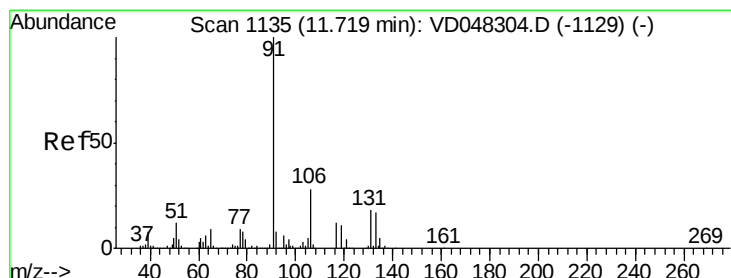
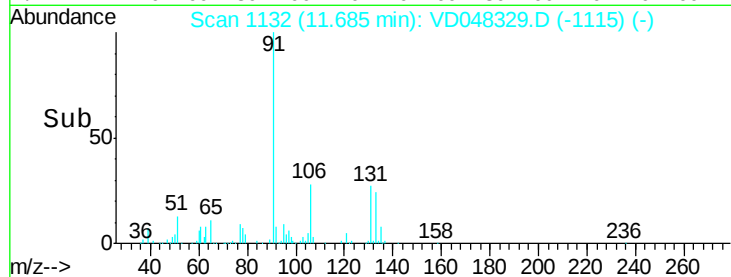
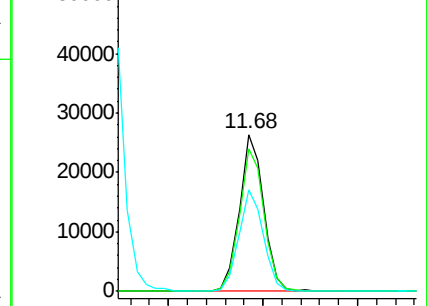
119 64.3 32.9 98.7



Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.85 (118.55 to 119.55): V



#66

Ethyl Benzene

Concen: 18.59 ug/l

RT: 11.69 min Scan# 1133

Delta R.T. -0.02 min

Lab File: VD048329.D

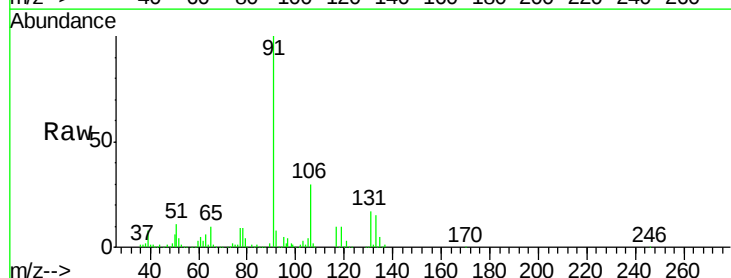
Acq: 6 Jan 2016 18:23

Tgt Ion: 91 Resp: 226409

Ion Ratio Lower Upper

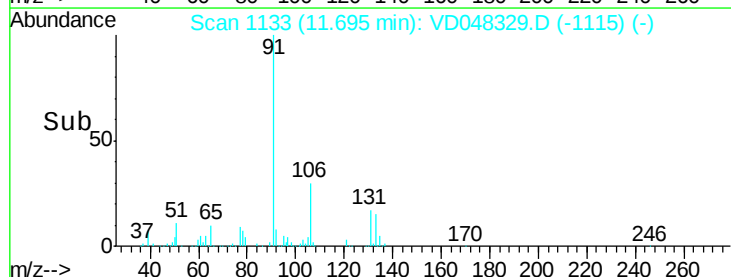
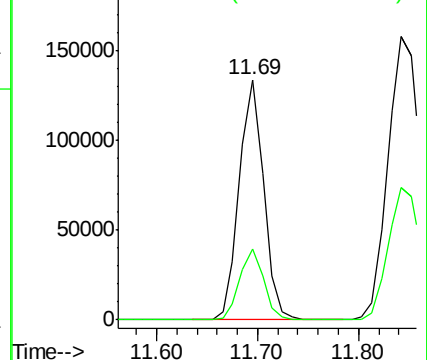
91 100

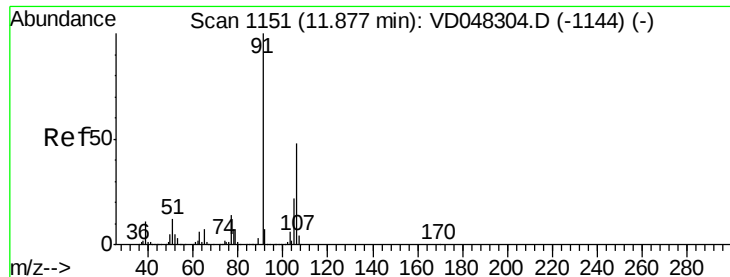
106 29.6 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V





#67

m/p-Xvlenes

Concen: 37.82 ug/l

RT: 11.84 min Scan# 1148

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

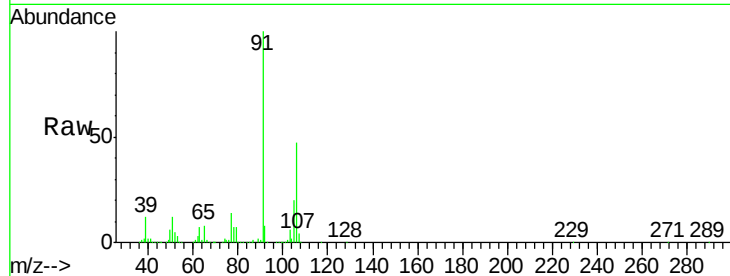
ClientSampleId :

Tot Ion:106 Resp: 163201

Ion Ratio Lower Upper

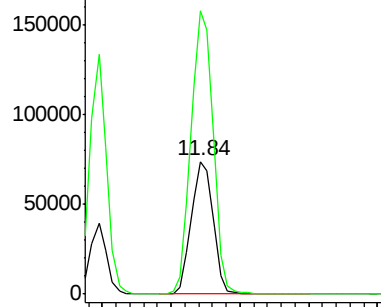
106 100

91 213.0 162.0 243.0

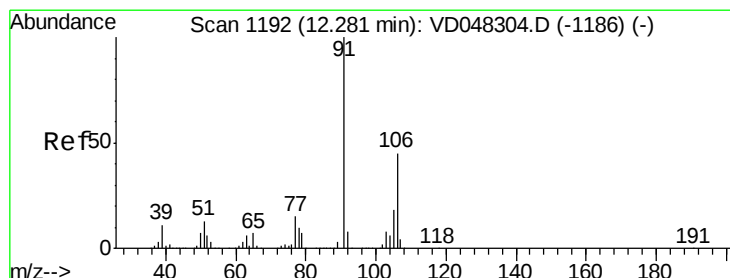
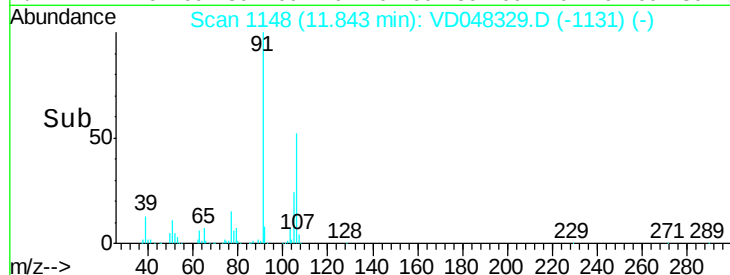


Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VDC



Time-->



#68

o-Xylene

Concen: 19.24 ug/l

RT: 12.26 min Scan# 1190

Delta R.T. -0.02 min

Lab File: VD048329.D

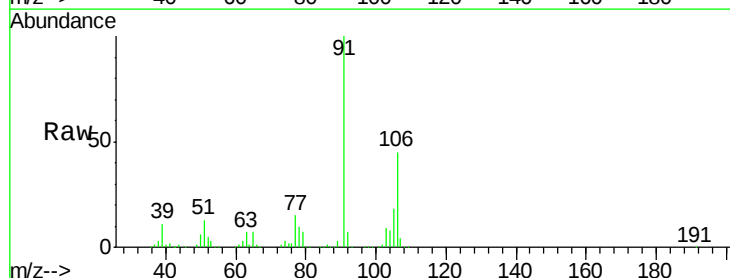
Acq: 6 Jan 2016 18:23

Tgt Ion:106 Resp: 79893

Ion Ratio Lower Upper

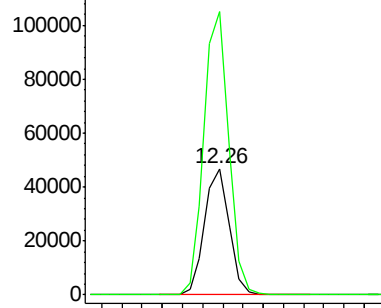
106 100

91 223.8 111.8 335.3

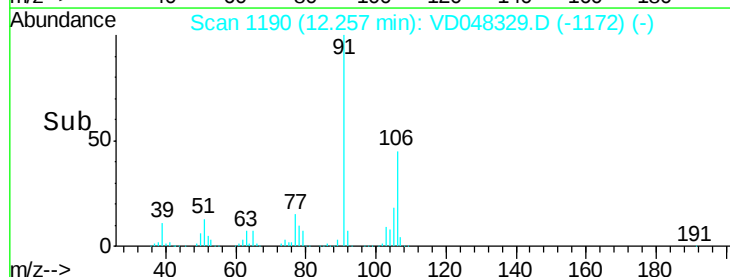


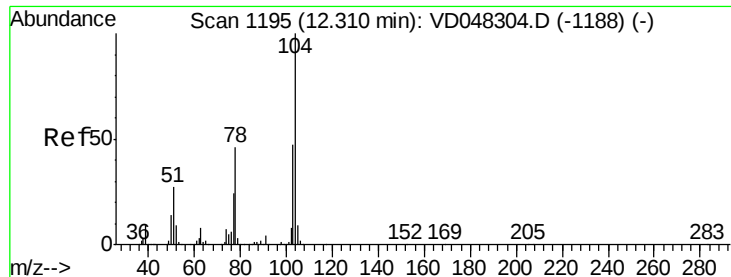
Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VDC



Time-->





#69

Stvrene

Concen: 19.40 ug/l

RT: 12.28 min Scan# 1192

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampleId :

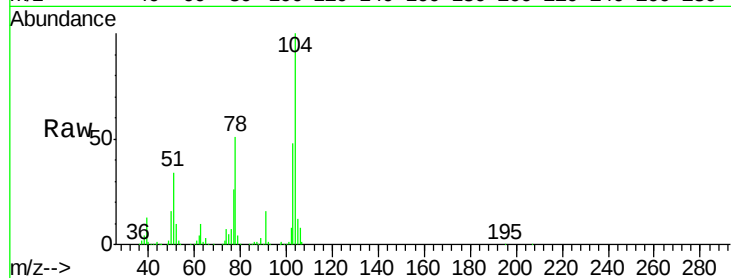
Tot Ion:104 Resp: 128841

Ion Ratio Lower Upper

104 100

78 50.7 37.5 56.3

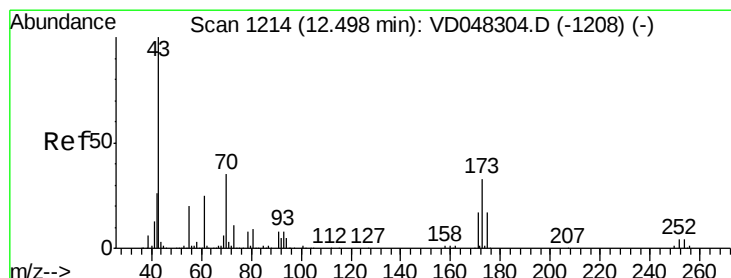
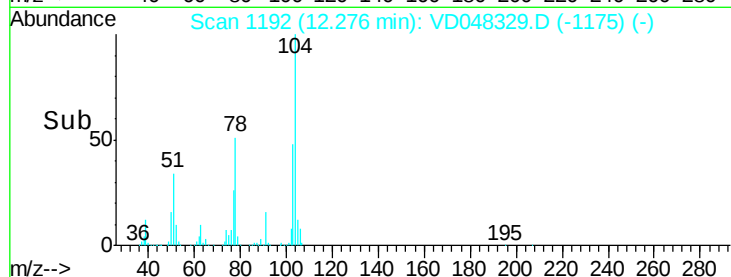
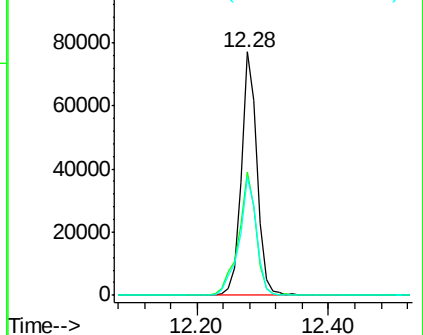
103 48.4 37.3 55.9



Abundance Ion 104.05 (103.75 to 104.75): V

Ion 77.95 (77.65 to 78.65): V

Ion 103.05 (102.75 to 103.75): V



#70

Bromoform

Concen: 19.75 ug/l

RT: 12.46 min Scan# 1211

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

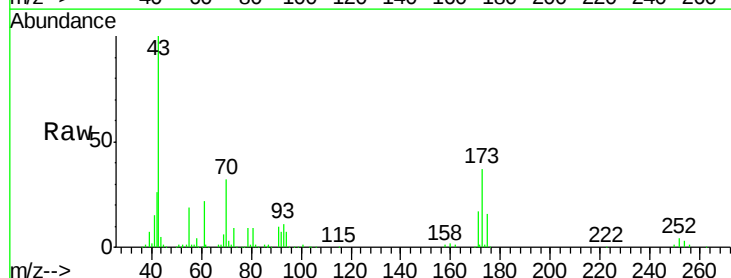
Tgt Ion:173 Resp: 23772

Ion Ratio Lower Upper

173 100

175 42.8 26.0 78.0

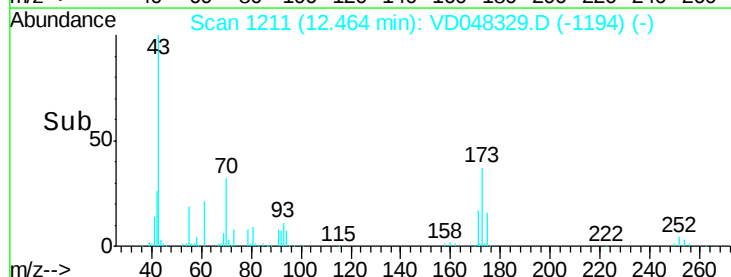
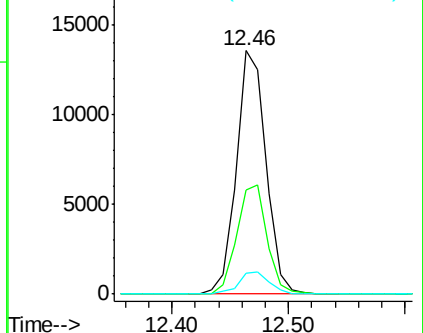
254 8.5 7.7 11.5

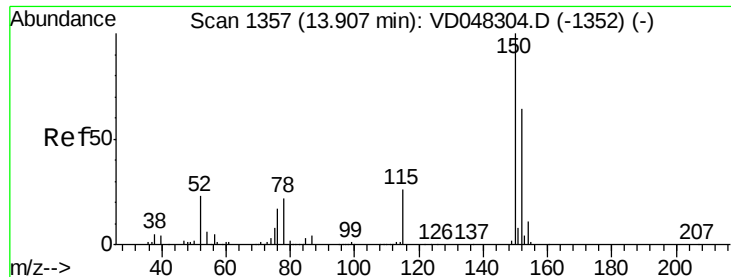


Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V





#71

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.88 min Scan# 1355

Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampleId :

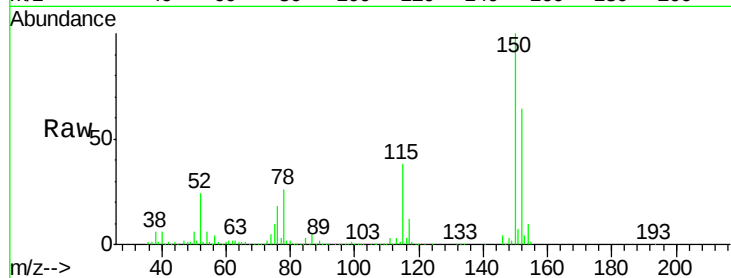
Tot Ion:152 Resp: 148828

Ion Ratio Lower Upper

152 100

115 59.5 32.4 97.2

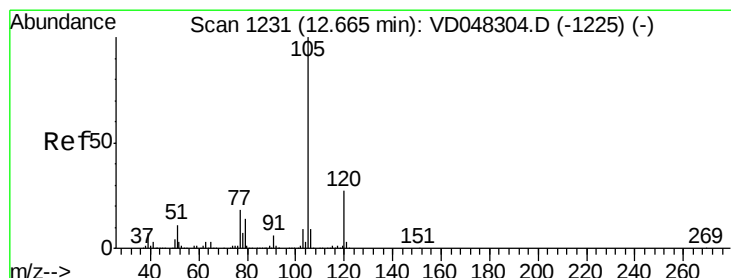
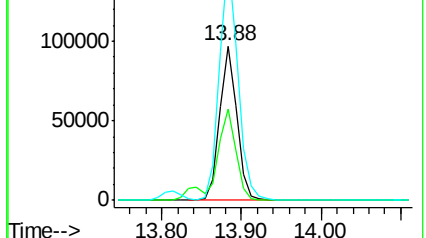
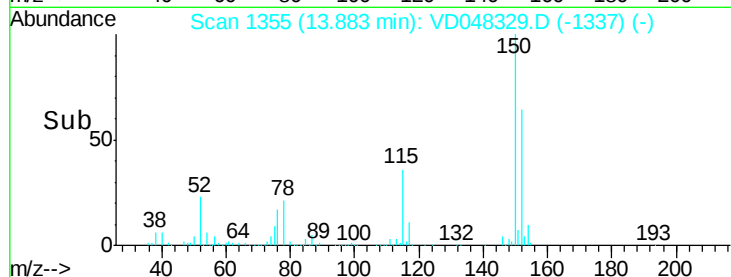
150 157.5 0.0 314.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#72

Isopropylbenzene

Concen: 18.92 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. -0.03 min

Lab File: VD048329.D

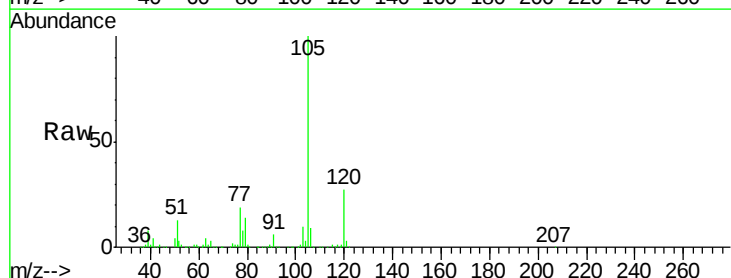
Acq: 6 Jan 2016 18:23

Tgt Ion:105 Resp: 215033

Ion Ratio Lower Upper

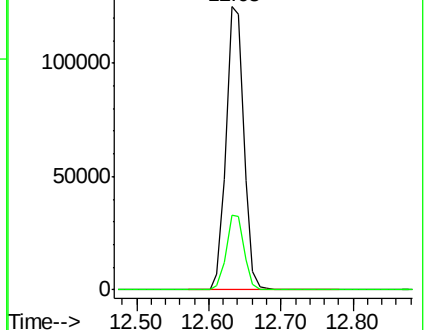
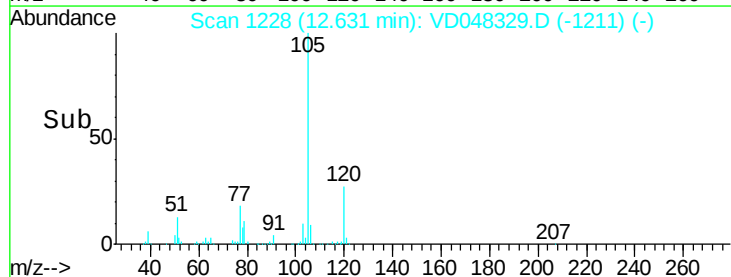
105 100

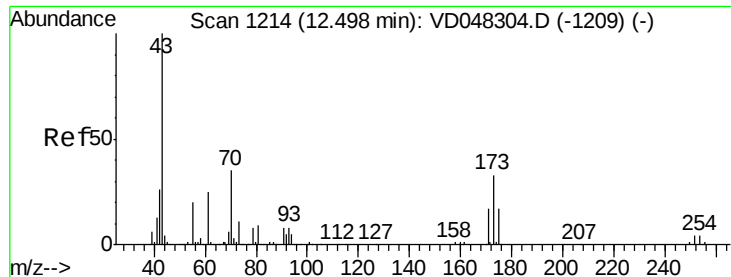
120 26.6 13.1 39.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#73

N-amvl acetate

Concen: 22.88 ug/l

RT: 12.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 43 Resp: 73315

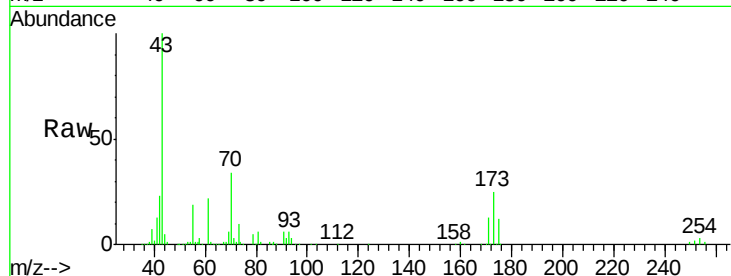
Ion	Ratio	Lower	Upper
43	100		
70	34.3	27.2	40.8
55	19.0	15.4	23.0
61	21.9	19.9	29.9

43 100

70 34.3 27.2 40.8

55 19.0 15.4 23.0

61 21.9 19.9 29.9

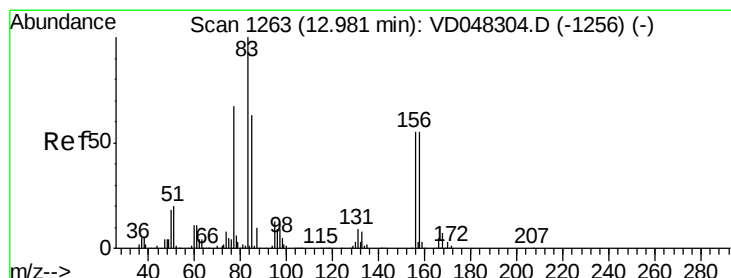
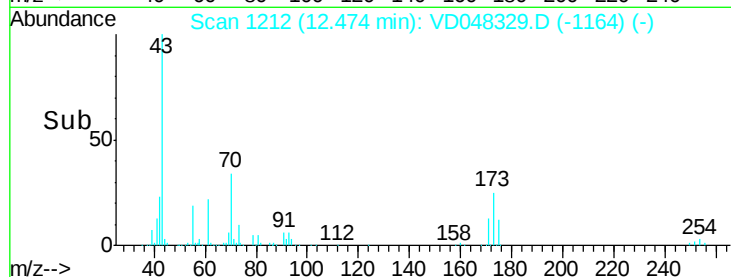
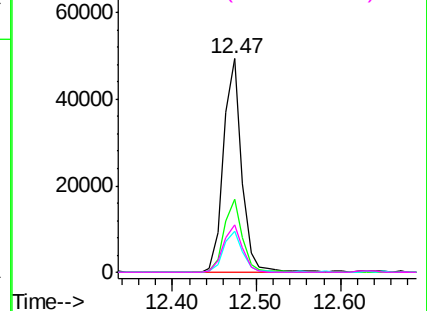


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#74

1,1,2,2-Tetrachloroethane

Concen: 21.72 ug/l

RT: 12.96 min Scan# 1261

Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

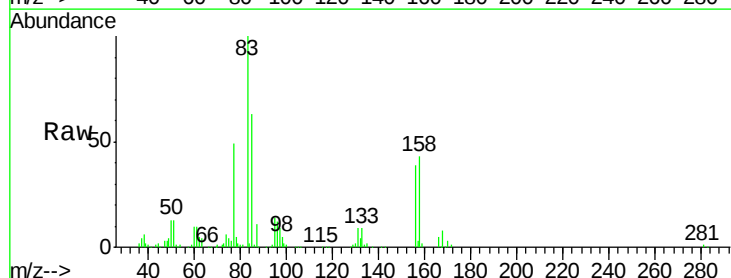
Tgt Ion: 83 Resp: 45805

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.3	13.1
85	62.7	31.1	93.2

83 100

131 9.0 4.3 13.1

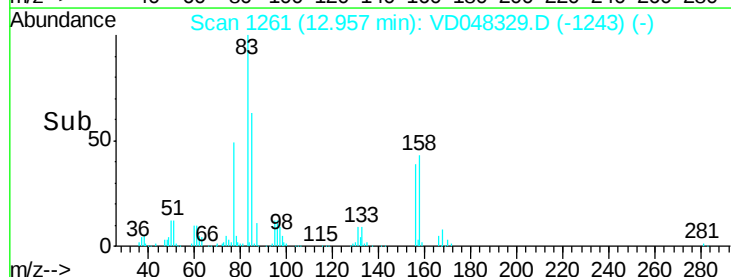
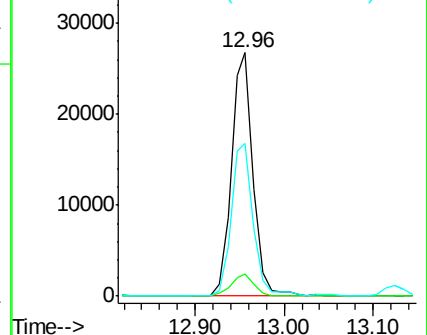
85 62.7 31.1 93.2

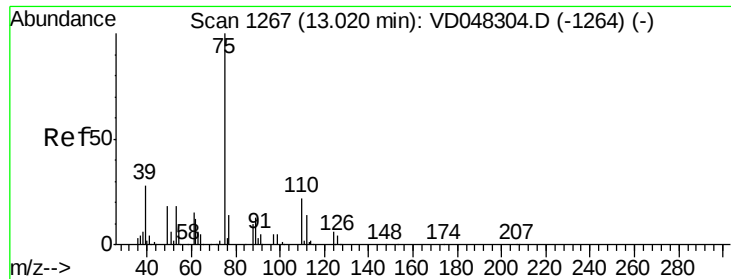


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): V

Ion 84.95 (84.65 to 85.65): VDC





#75

1,2,3-Trichloropropane

Concen: 21.97 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

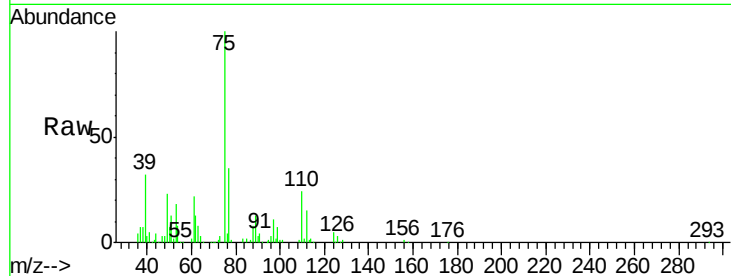
ClientSampleId :

Tot Ion: 75 Resp: 51861

Ion Ratio Lower Upper

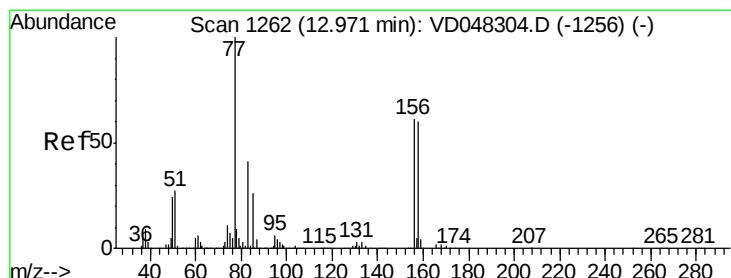
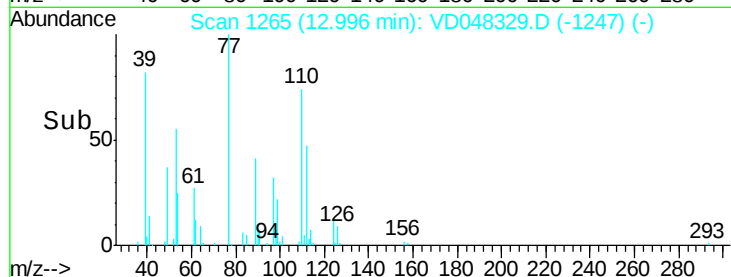
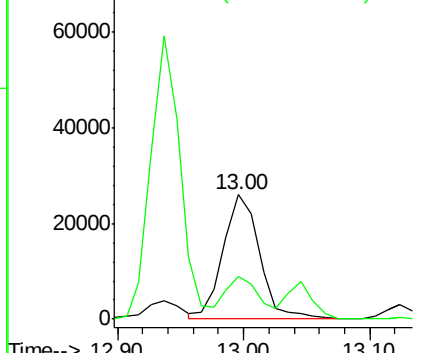
75 100

77 34.6 15.8 47.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#76

Bromobenzene

Concen: 19.70 ug/l

RT: 12.94 min Scan# 1259

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

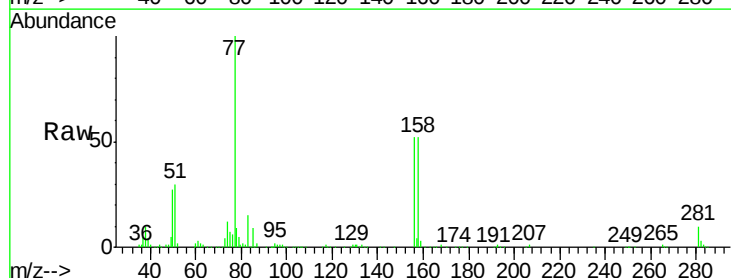
Tgt Ion: 156 Resp: 52276

Ion Ratio Lower Upper

156 100

77 190.8 87.5 262.4

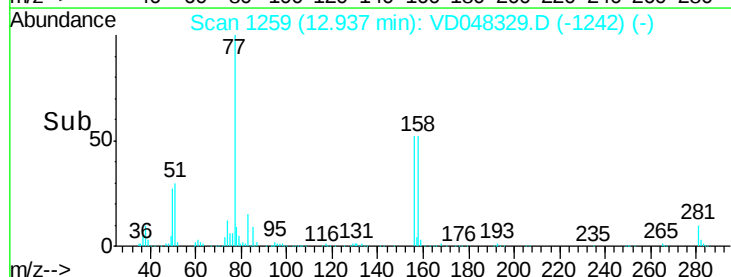
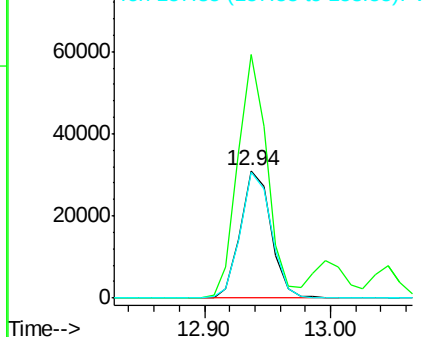
158 98.8 49.5 148.5

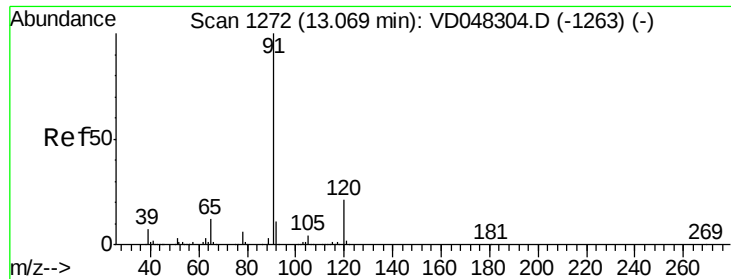


Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V





#77

n-propylbenzene

Concen: 18.81 ug/l

RT: 13.05 min Scan# 1270

Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

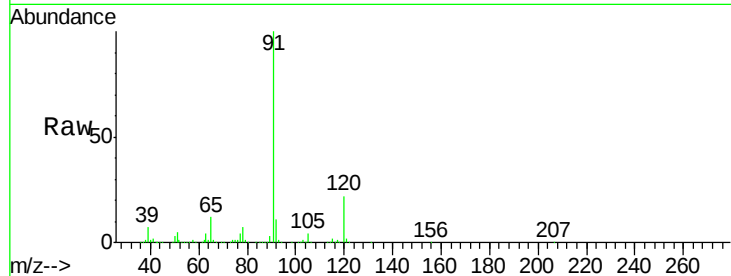
ClientSampleId :

Tot Ion: 91 Resp: 275464

Ion Ratio Lower Upper

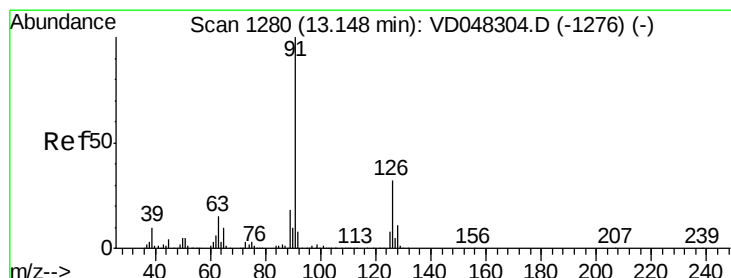
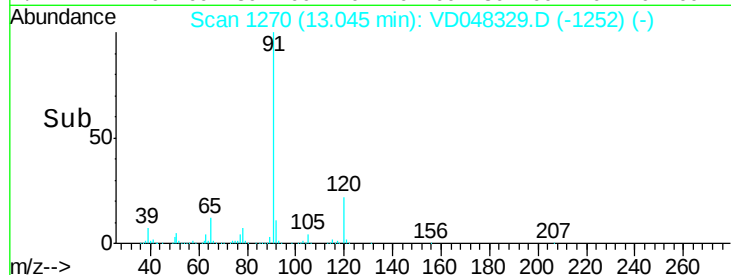
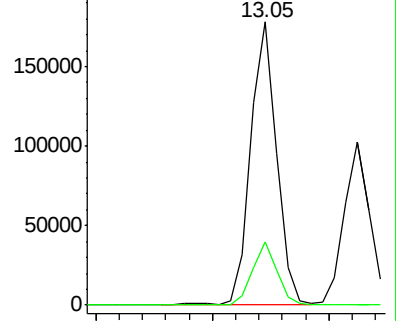
91 100

120 22.1 10.4 31.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V



#78

2-Chlorotoluene

Concen: 19.14 ug/l

RT: 13.12 min Scan# 1278

Delta R.T. -0.02 min

Lab File: VD048329.D

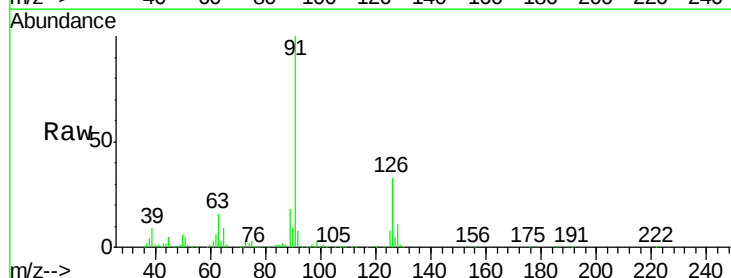
Acq: 6 Jan 2016 18:23

Tgt Ion: 91 Resp: 156706

Ion Ratio Lower Upper

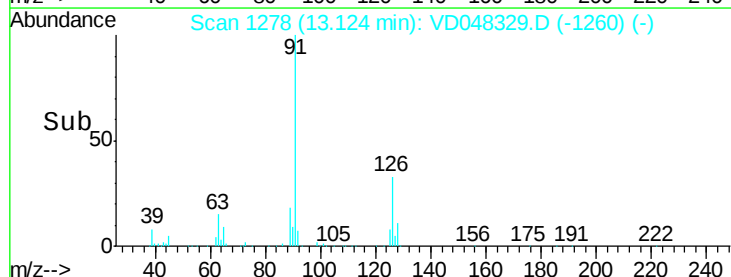
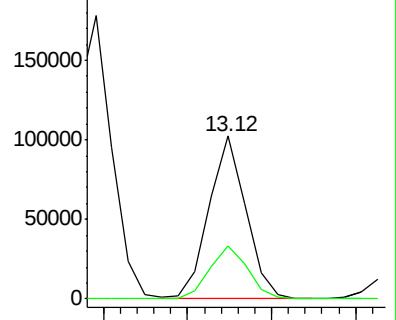
91 100

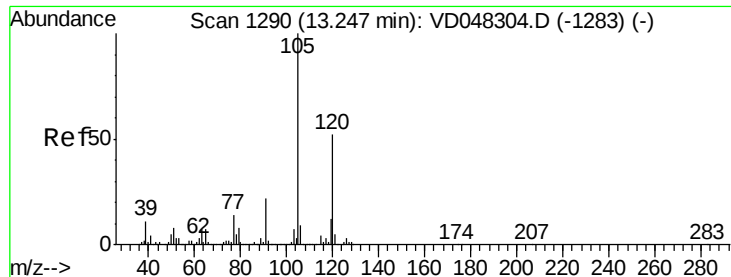
126 32.8 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

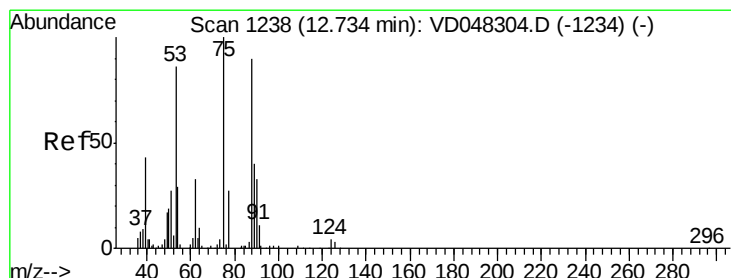
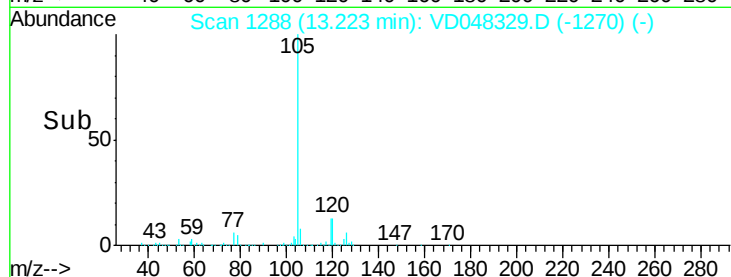
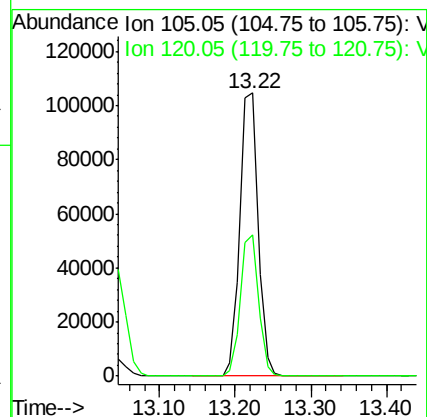
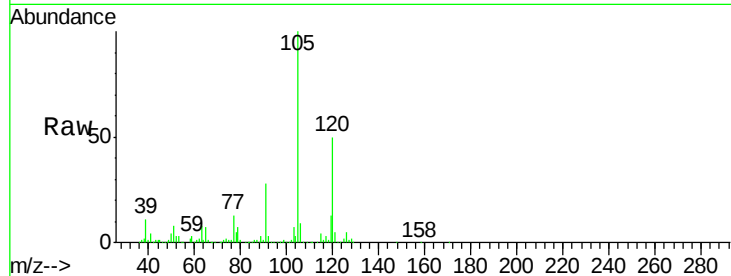




#79
 1,3,5-Trimethylbenzene
 Concen: 19.73 ug/l
 RT: 13.22 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

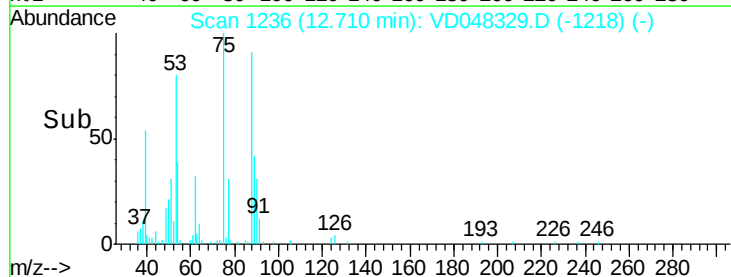
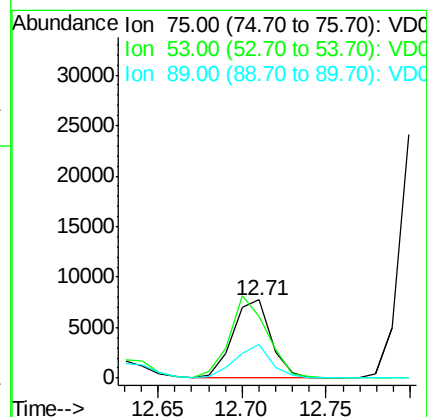
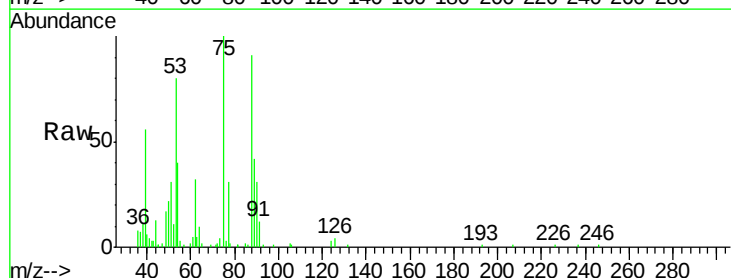
Instrument :
 BNA_F
 ClientSampleId :

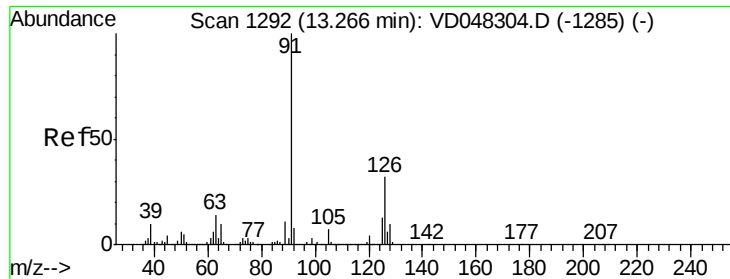
Tot Ion:105 Resp: 174503
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.1 75.4



#80
 trans-1,4-Dichloro-2-butene
 Concen: 19.63 ug/l
 RT: 12.71 min Scan# 1236
 Delta R.T. -0.02 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

Tgt Ion: 75 Resp: 12235
 Ion Ratio Lower Upper
 75 100
 53 79.8 77.8 116.8
 89 42.5 32.6 49.0

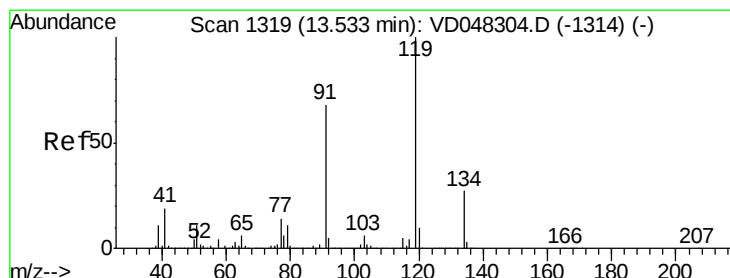
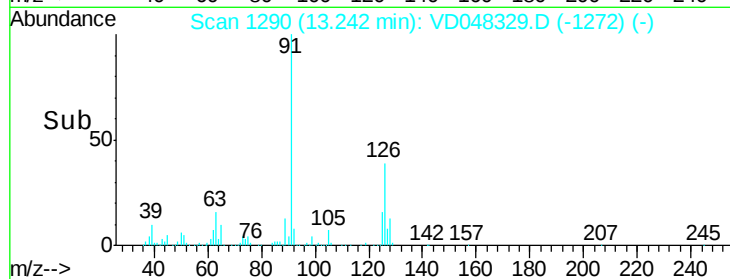
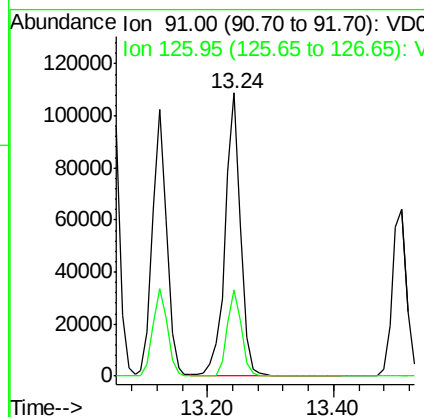
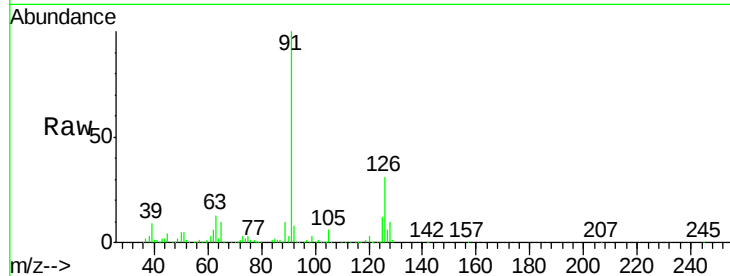




#81
4-Chlorotoluene
Concen: 19.55 ug/l
RT: 13.24 min Scan# 1290
Delta R.T. -0.02 min
Lab File: VD048329.D
Acq: 6 Jan 2016 18:23

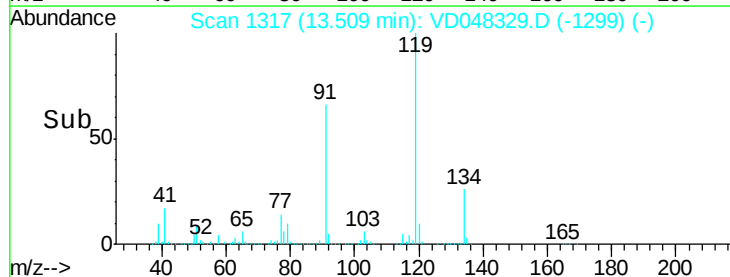
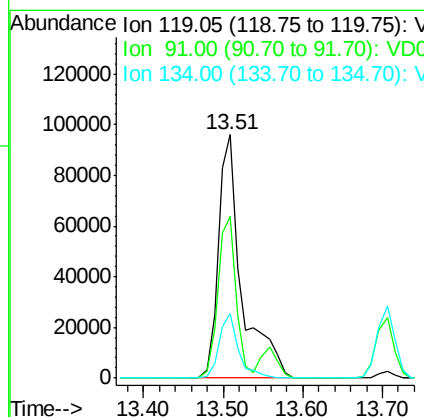
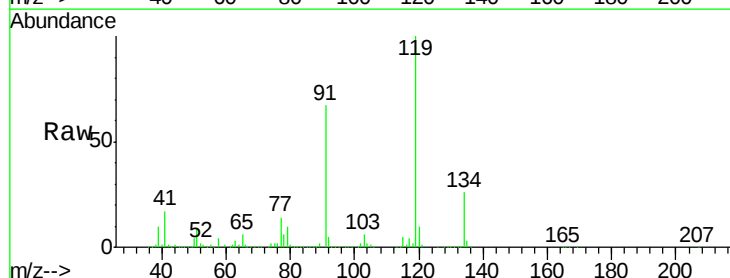
Instrument :
BNA_F
ClientSampleId :

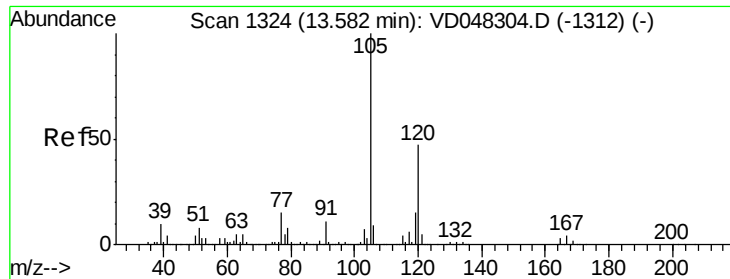
Tot Ion: 91 Resp: 184997
Ion Ratio Lower Upper
91 100
126 30.6 15.4 46.1



#82
tert-Butylbenzene
Concen: 23.10 ug/l
RT: 13.51 min Scan# 1317
Delta R.T. -0.02 min
Lab File: VD048329.D
Acq: 6 Jan 2016 18:23

Tgt Ion: 119 Resp: 197929
Ion Ratio Lower Upper
119 100
91 66.6 33.2 99.6
134 26.3 12.5 37.5

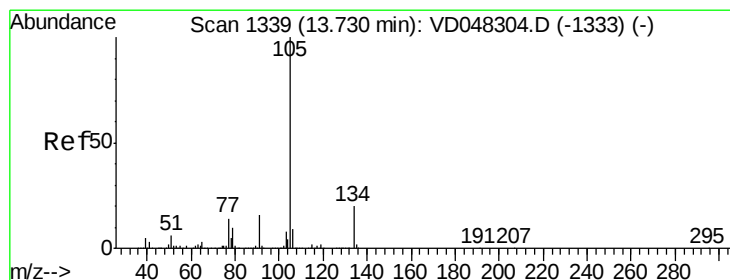
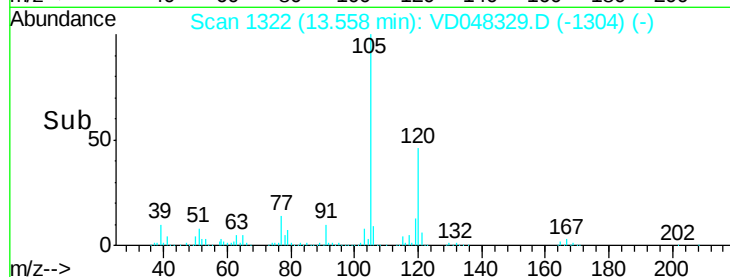
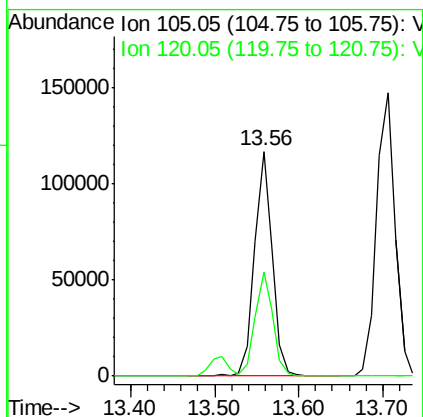
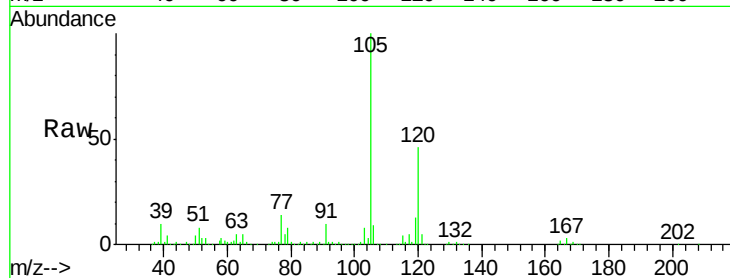




#83
 1,2,4-Trimethylbenzene
 Concen: 19.09 ug/l
 RT: 13.56 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

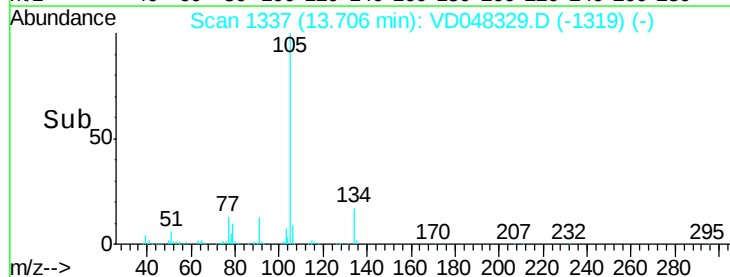
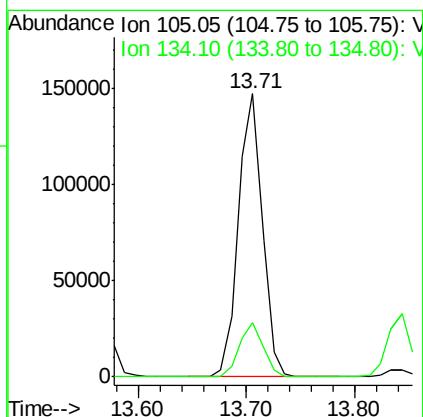
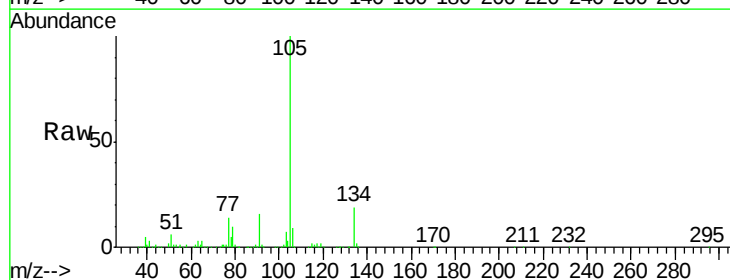
Instrument :
 BNA_F
 ClientSampleId :

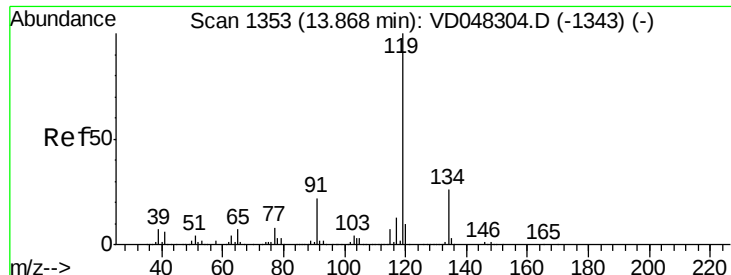
Tot Ion:105 Resp: 173785
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.6 67.7



#84
 sec-Butylbenzene
 Concen: 18.57 ug/l
 RT: 13.71 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

Tgt Ion:105 Resp: 225761
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.4 28.2

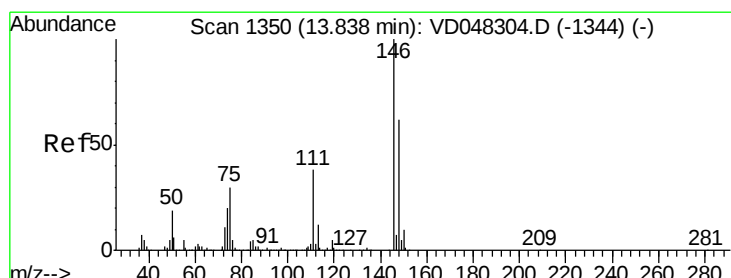
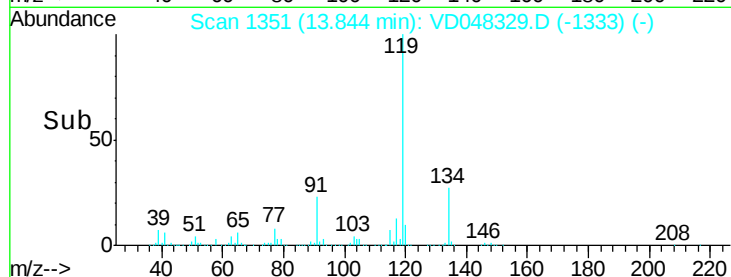
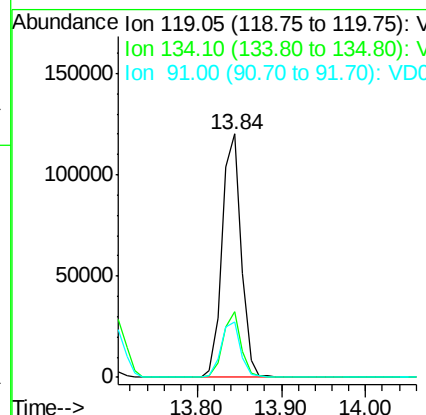
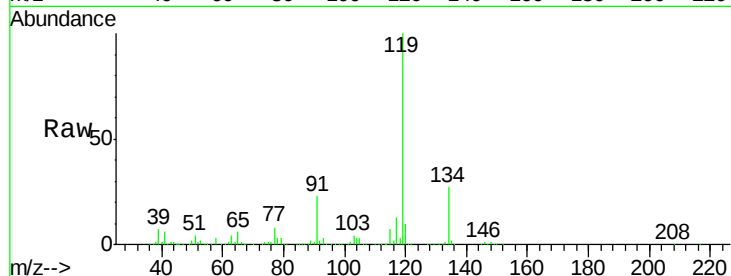




#85
p-Isopropyltoluene
Concen: 18.66 ug/l
RT: 13.84 min Scan# 1351
Delta R.T. -0.02 min
Lab File: VD048329.D
Acq: 6 Jan 2016 18:23

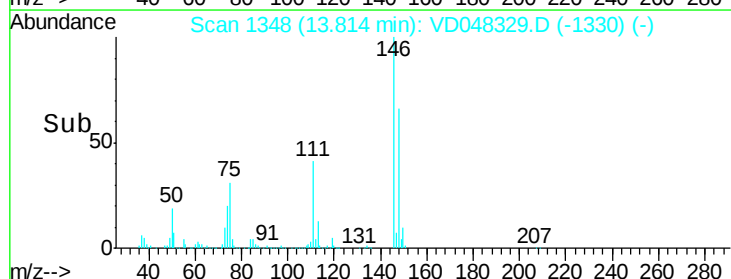
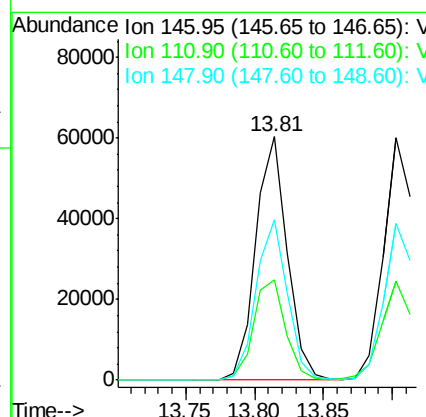
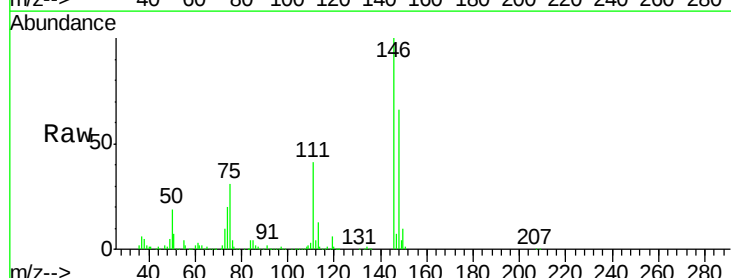
Instrument :
BNA_F
ClientSampleId :

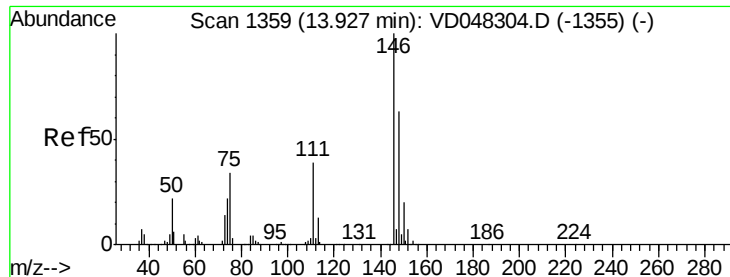
Tot Ion:119 Resp: 188716
Ion Ratio Lower Upper
119 100
134 27.2 12.5 37.5
91 22.7 11.2 33.5



#86
1,3-Dichlorobenzene
Concen: 19.04 ug/l
RT: 13.81 min Scan# 1348
Delta R.T. -0.02 min
Lab File: VD048329.D
Acq: 6 Jan 2016 18:23

Tgt Ion:146 Resp: 96802
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.6
148 66.1 31.4 94.0





#87

1,4-Dichlorobenzene

Concen: 18.69 ug/l

RT: 13.90 min Scan# 1357

Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampleId :

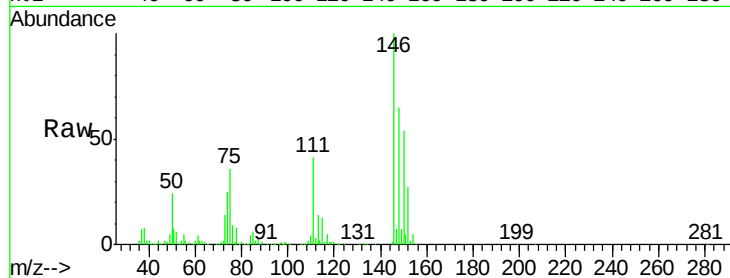
Tot Ion:146 Resp: 94842

Ion Ratio Lower Upper

146 100

111 40.8 18.4 55.2

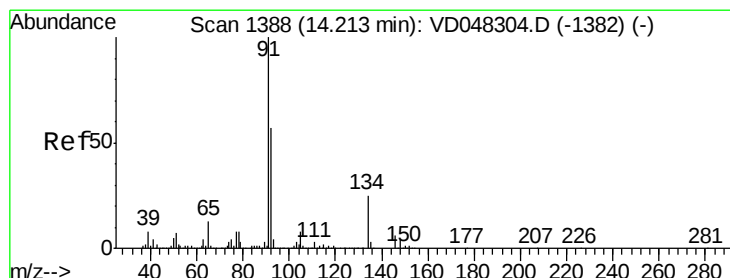
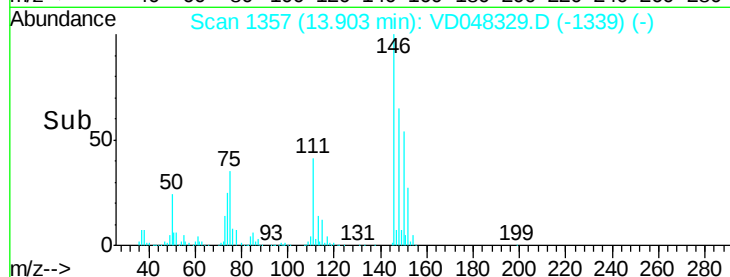
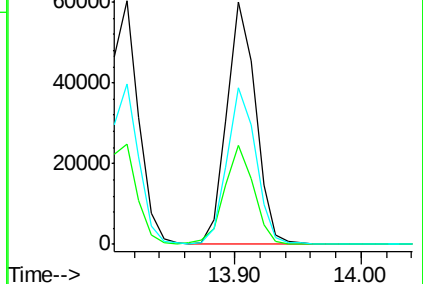
148 64.8 32.1 96.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

n-Butylbenzene

Concen: 18.11 ug/l

RT: 14.19 min Scan# 1386

Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

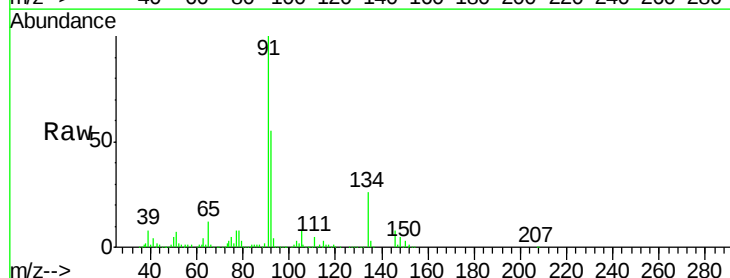
Tgt Ion: 91 Resp: 183100

Ion Ratio Lower Upper

91 100

92 55.4 28.8 86.5

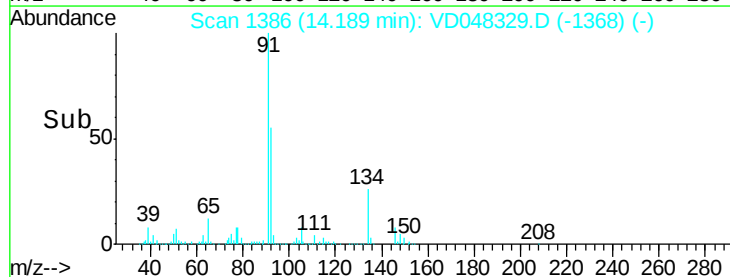
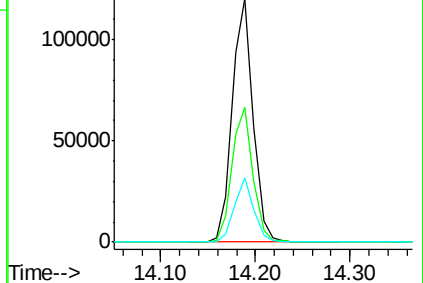
134 26.4 11.7 35.0

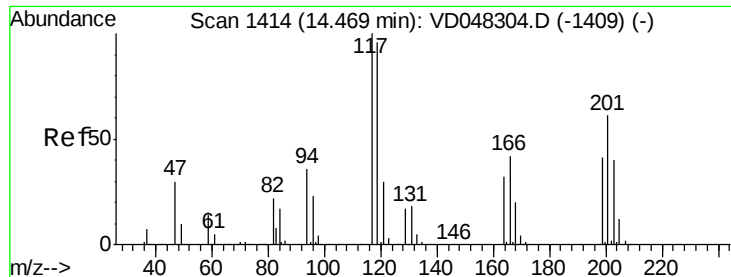


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V

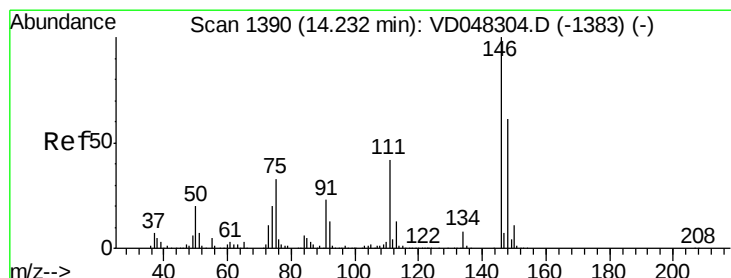
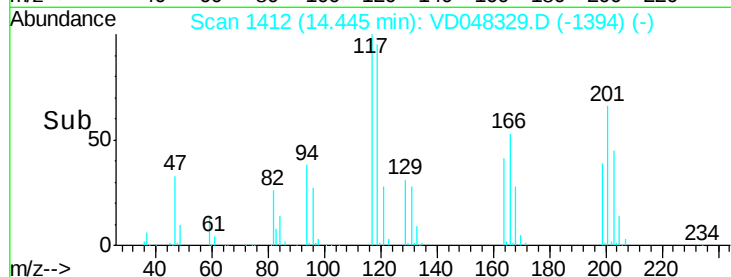
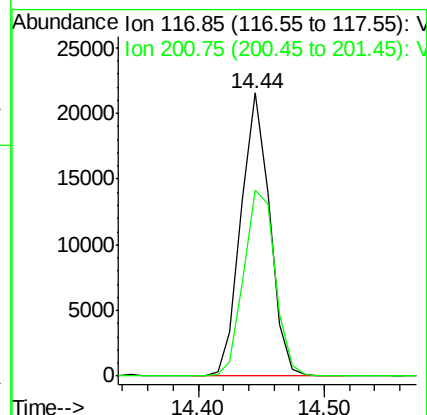
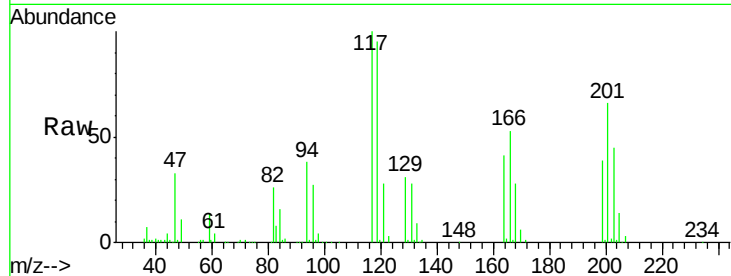




#89
Hexachloroethane
Concen: 16.48 ug/l
RT: 14.44 min Scan# 1412
Delta R.T. -0.02 min
Lab File: VD048329.D
Acq: 6 Jan 2016 18:23

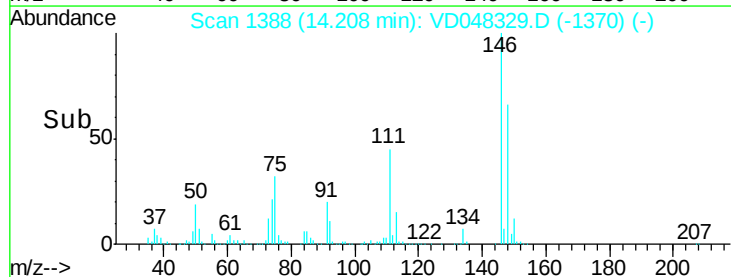
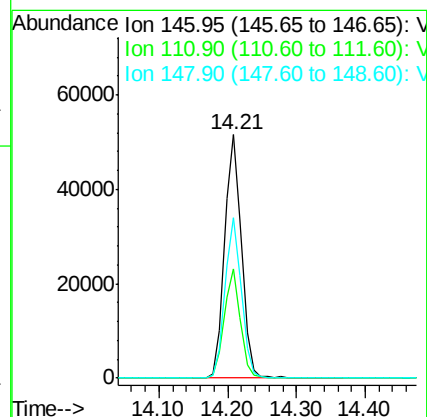
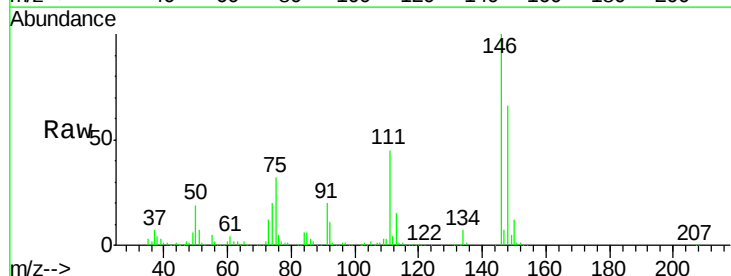
Instrument :
BNA_F
ClientSampled :

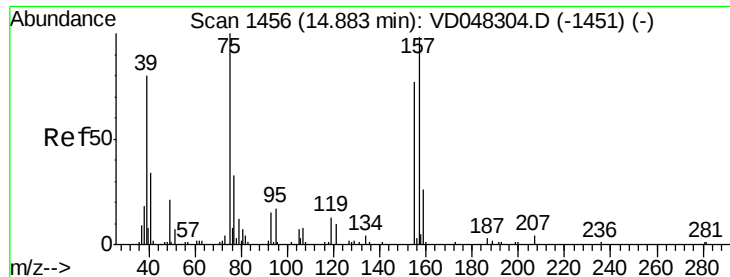
Tot Ion:117 Resp: 33962
Ion Ratio Lower Upper
117 100
201 65.9 28.5 85.5



#90
1,2-Dichlorobenzene
Concen: 19.57 ug/l
RT: 14.21 min Scan# 1388
Delta R.T. -0.02 min
Lab File: VD048329.D
Acq: 6 Jan 2016 18:23

Tgt Ion:146 Resp: 87495
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 65.7 32.0 96.2





#91

1,2-Dibromo-3-Chloropropane

Concen: 20.54 ug/l

RT: 14.85 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Instrument :

BNA_F

ClientSampleId :

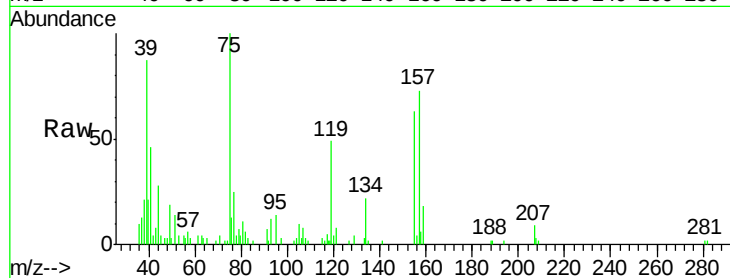
Tot Ion: 75 Resp: 5638

Ion Ratio Lower Upper

75 100

155 63.0 38.2 114.6

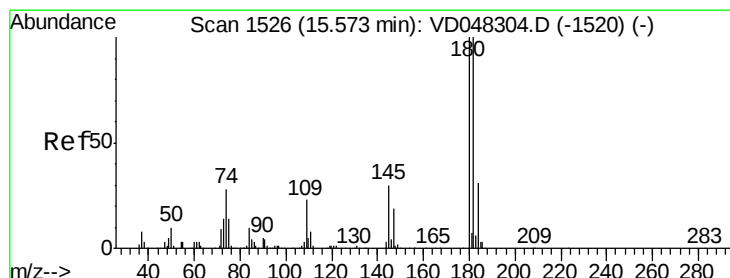
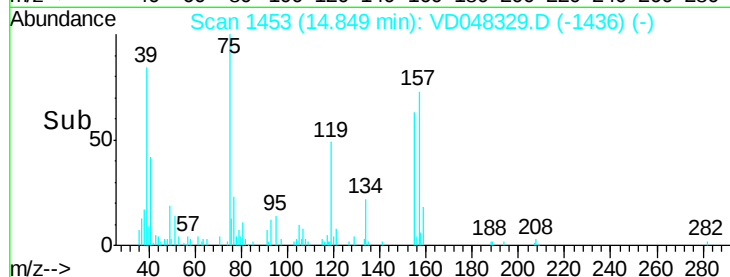
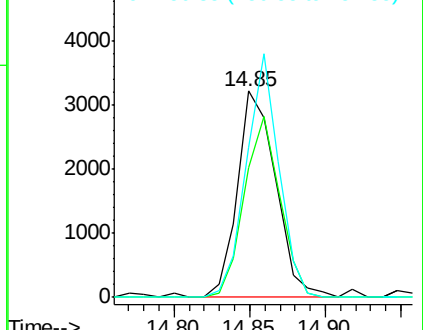
157 73.1 50.5 151.6



Abundance Ion 75.00 (74.70 to 75.70): VD048329.D (-1436) (-)

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V



#92

1,2,4-Trichlorobenzene

Concen: 19.79 ug/l

RT: 15.54 min Scan# 1523

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

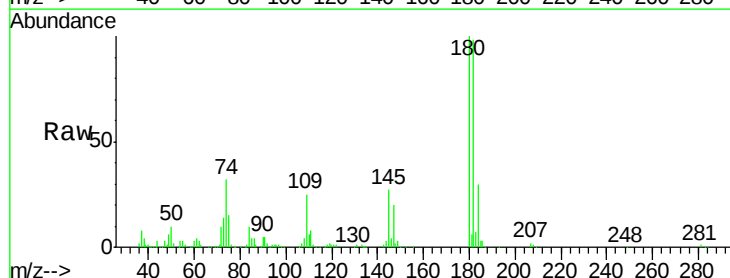
Tgt Ion: 180 Resp: 53105

Ion Ratio Lower Upper

180 100

182 98.0 46.6 139.8

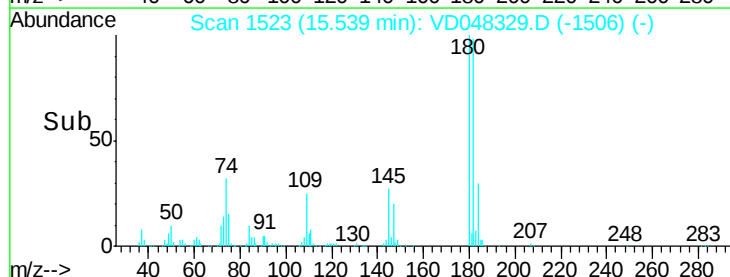
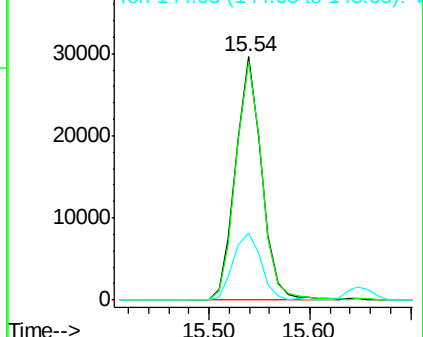
145 27.3 14.9 44.7

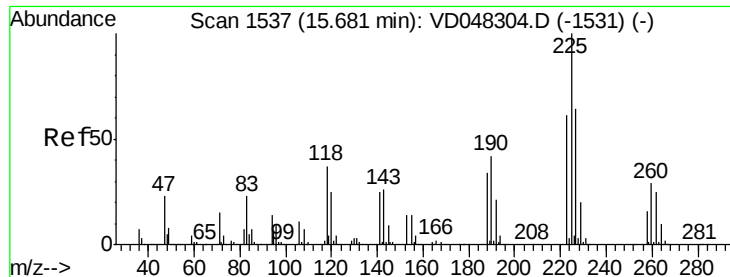


Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V





#93

Hexachlorobutadiene

Concen: 18.49 ug/l

RT: 15.65 min Scan# 1534

Delta R.T. -0.03 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

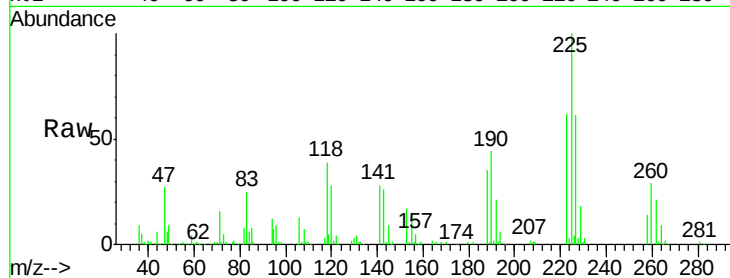
Instrument :

BNA_F

ClientSampled :

Tot Ion:225 Resp: 32873

Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.8	95.3
227	60.7	30.4	91.2

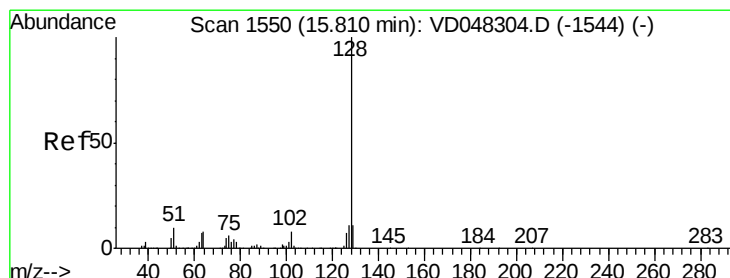
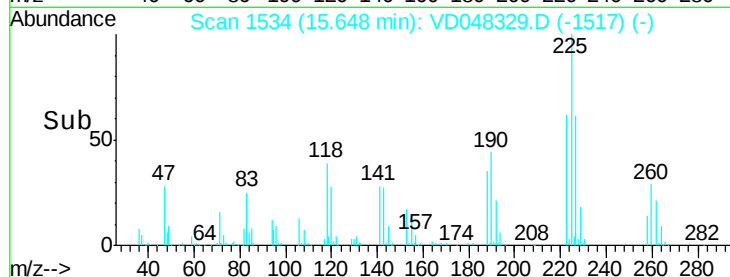
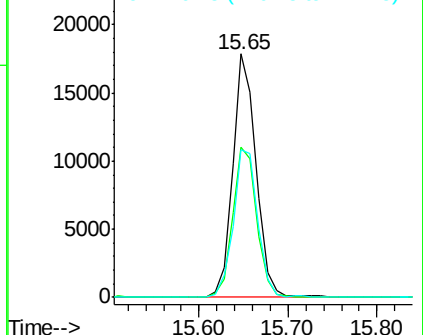


Abundance

Ion 224.75 (224.45 to 225.45): V

Ion 222.75 (222.45 to 223.45): V

Ion 226.75 (226.45 to 227.45): V



#94

Naphthalene

Concen: 22.55 ug/l

RT: 15.79 min Scan# 1548

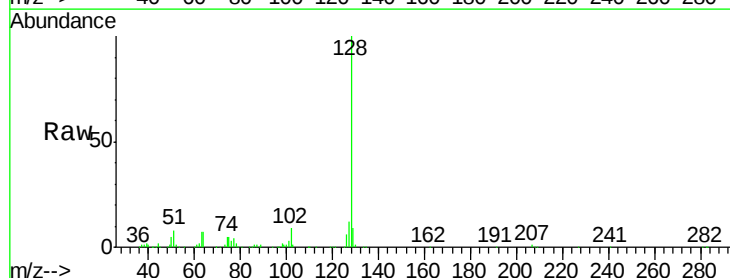
Delta R.T. -0.02 min

Lab File: VD048329.D

Acq: 6 Jan 2016 18:23

Tgt Ion:128 Resp: 104564

Ion	Ratio	Lower	Upper
128	100		
127	11.7	9.7	14.5
129	9.4	8.2	12.2

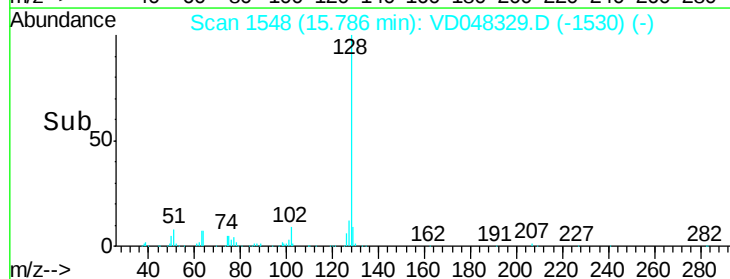
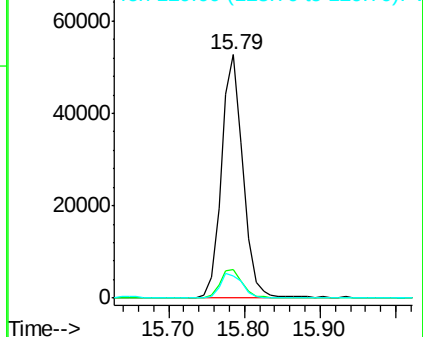


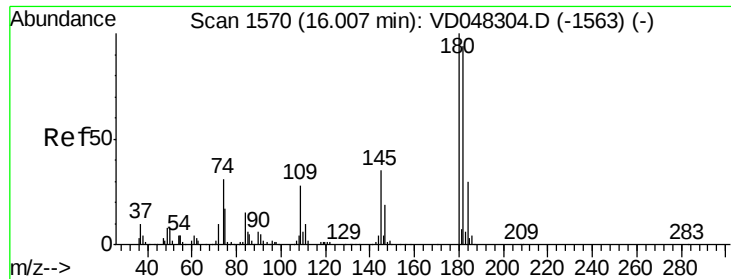
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

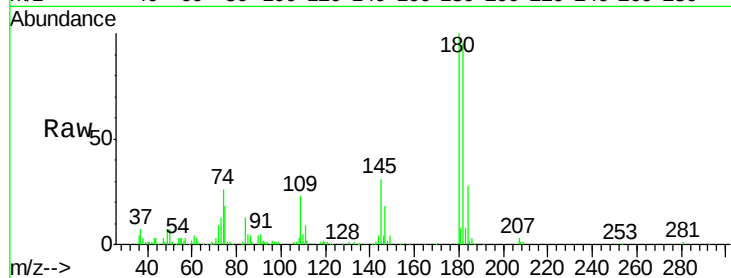




#95
 1,2,3-Trichlorobenzene
 Concen: 21.21 ug/l
 RT: 15.98 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: VD048329.D
 Acq: 6 Jan 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	180	Resp:	46676
Ion	Ratio	Lower	Upper
180	100		
182	95.3	49.0	147.0
145	31.1	16.8	50.3



Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

